



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 – (January-2023)

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

1. Executive Summary

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

1.1 Construction progress in current month

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

Physical Progress					%	
(A) As per Approved Work executed at the Site					11.024%	
(B) As per Material Procured						
Material Stock	Quantity	Unit	Rate Per Unit	Total Amount	Physical Progress	
GSB	140000	MT	494	6,91,60,000.00	1.16%	
WMM	45000	MT	494	2,22,30,000.00	0.37%	
Agreagate					0.00%	
Dust	11000.000	MT	494	5434000	0.09%	
10 mm	9500.000	MT	494	4693000	0.08%	
20 mm	8500.000	MT	494	4199000	0.07%	
Admixture	9000	KG	55	495000	0.01%	
Steel	210	MT	67496	1,41,74,160.00	0.24%	
Cement	450	MT	7040	31,68,000.00	0.05%	
HSD	532842	Lt	93.2	49660874.4	0.83%	
				17,32,14,034.40	2.90%	
Cummulative Physical Progress						
Description	Up to Previous month as per Schedule	Up to Previous month Achieved	This month as per Schedule	This month Achieved	Cummulative as per Schedule	Cummulative Achieved
Physical Progress	8.46%	9.92%	6.63%	4.00%	15.09%	13.92%
Financial Progress	0.00%	5.00%	0.00%	0.00%	0.00%	5.00%
Expenditure(in Cr.)	0.00	29.90	0.00	0.00	0.00	0.00

* 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.

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

1.2 Summary of Strip Plan

1.2(A) Highway

1. Work front unavailable & Reason unavailability		
	Length (Km)	% Total
1. Carriageway		
Total Length	46.115	-
Total Work Front unavailable	7.93	17.19%
Pending Land	7.93	17.19%
Acquired	37.87	82.12%
Encumbrance		

2. Length completed by layer (MCW)		
	Length (Km)	% Total
Total Length	46.115	-
Total Length Completed (Till BC)		0%
BC		
DBM		0%
CTB		0%
CTSB		0%
Sub-Grade		0%
Embankment	25.00	54.21%
C&G	32.88	71.31%

3. Length completed by layer (Service Road)		
	Length (Km)	% Total
Total Length	1.354	-
Total Length Completed (Till BC)		0%
BC		
DBM		0%
CTB		0%
CTSB		0%
Sub-Grade		0%
Embankment Top		0%
C&G		0%

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

1.2(B) Structures:

Type of Structure	NOS	In-progress	Completed	Balance to be Executed
Culverts	95	23	20	52
SVUP	3	1	0	2
LVUP	3	1	0	2
VUP	2	0	0	2
ROB	1	0	0	1
Minor Bridge	32	0	0	32
Major Bridge	2	0	0	2
MCW	1	0	0	1
Ramp	2	0	0	2

1.3 Detailed Strip Plan

1.4 Current issues and recommended action by IE:

Issues: -

1. Getting possession of 7.93 balance km length of project Highway.

IE's recommendations: -

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

2. Project Overview

2.1 Salient Feature of Project

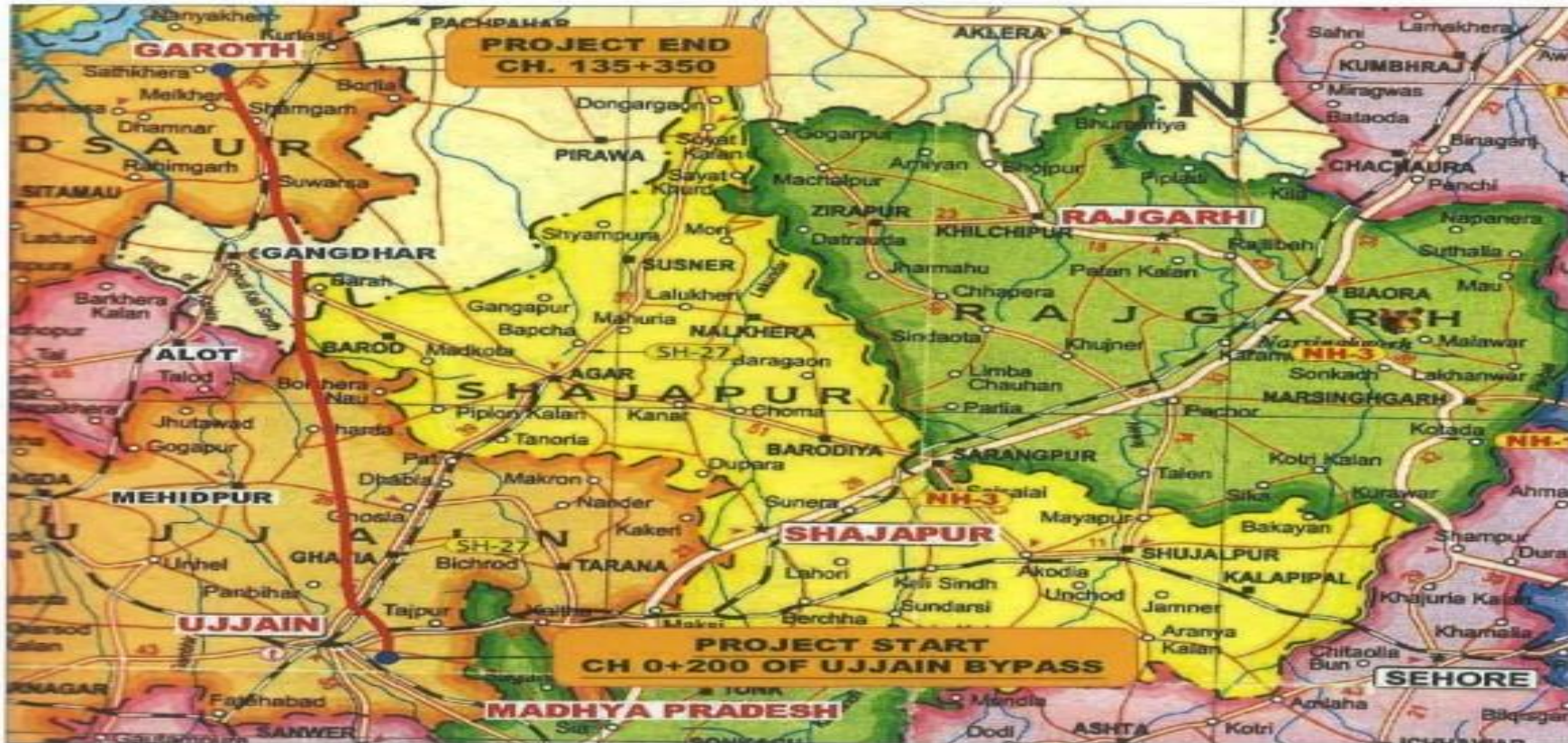
S.N.	Details	
1	Project	Construction of Four Laning of Ujjain Garoth (Package III), Suhagada to Bardiya Amra from Km 89+236 to Km 135+351 section of NH-148NG in the state of Madhyapradesh: (Package-III)
2	NH No.	148NG
3	Mode of Execution	HAM
4	Client/ Authority	National Highways Authority of India
5	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



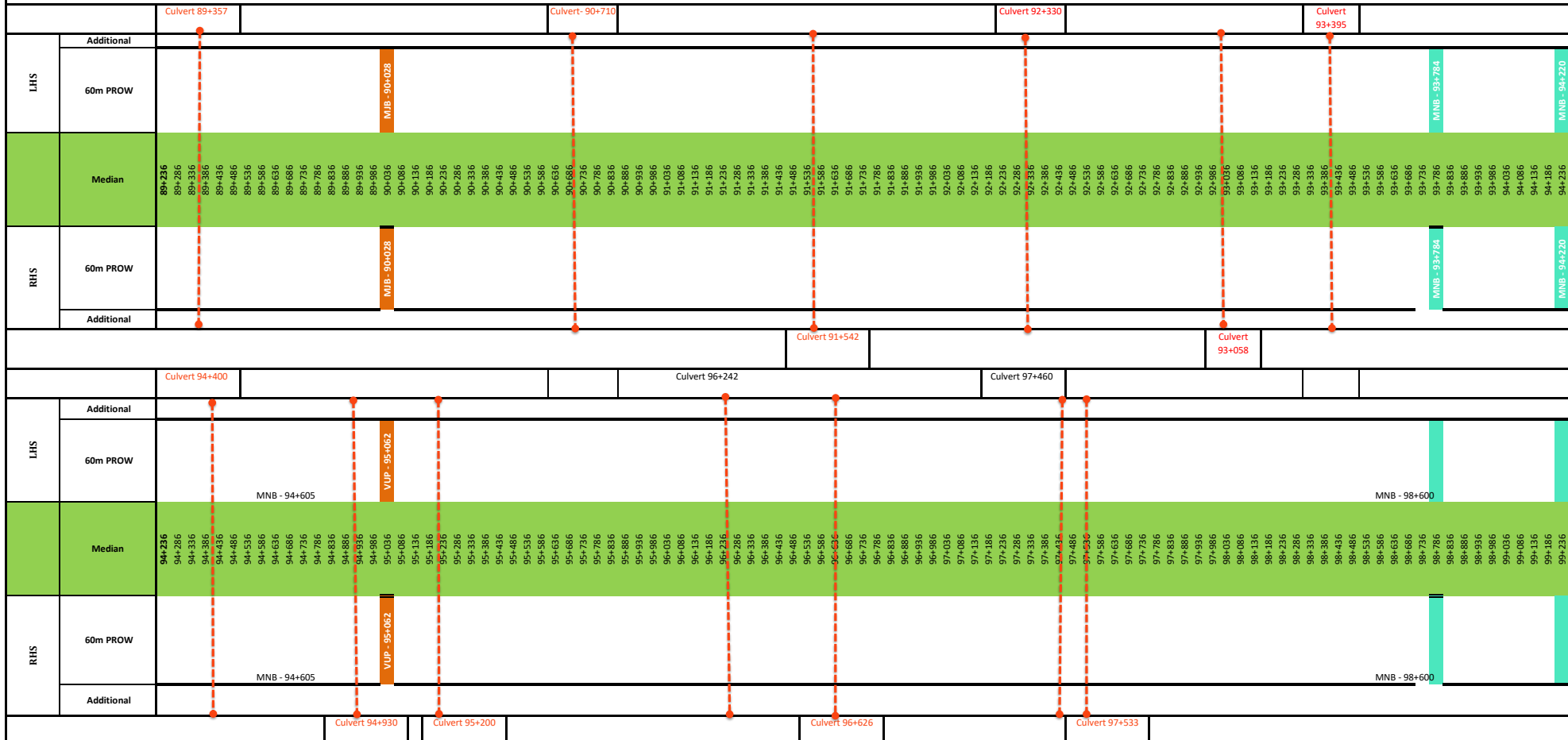
Package-III
Construction of Four Laning of Ujjain Garoth (Package III), Suhagada to Bardiya Amra from Km 89+236 to Km 135+351 section of NH-148NG in the state of MP (LOA No. NHAI/HQ/MP/Ujjain Garoth/Package-III) on HAM mode in the state of Madhyapradesh

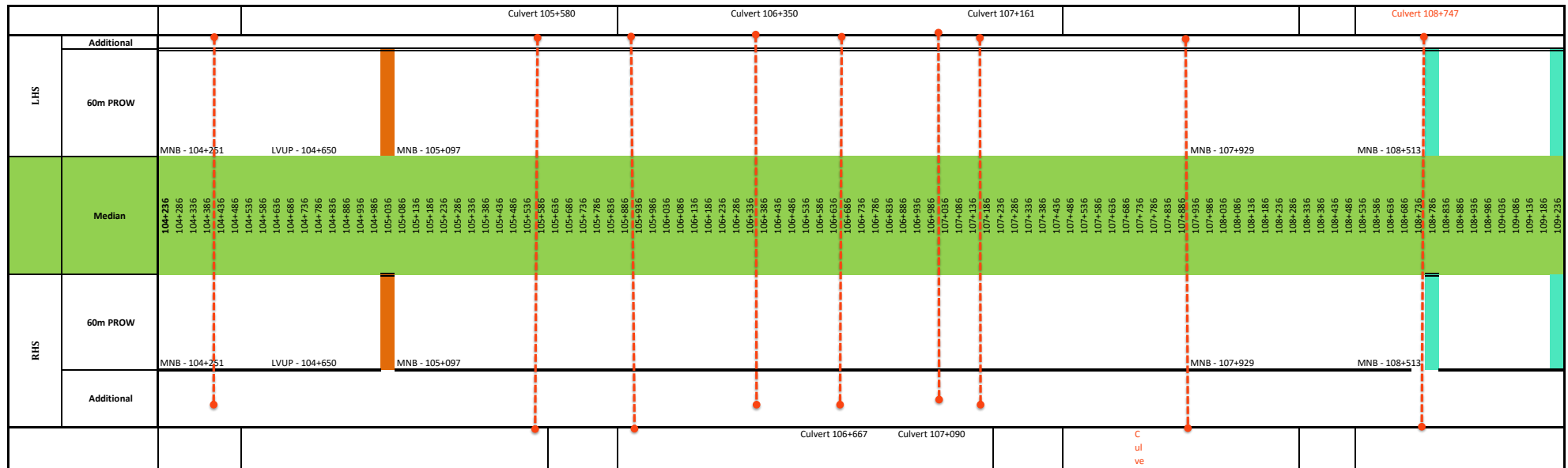
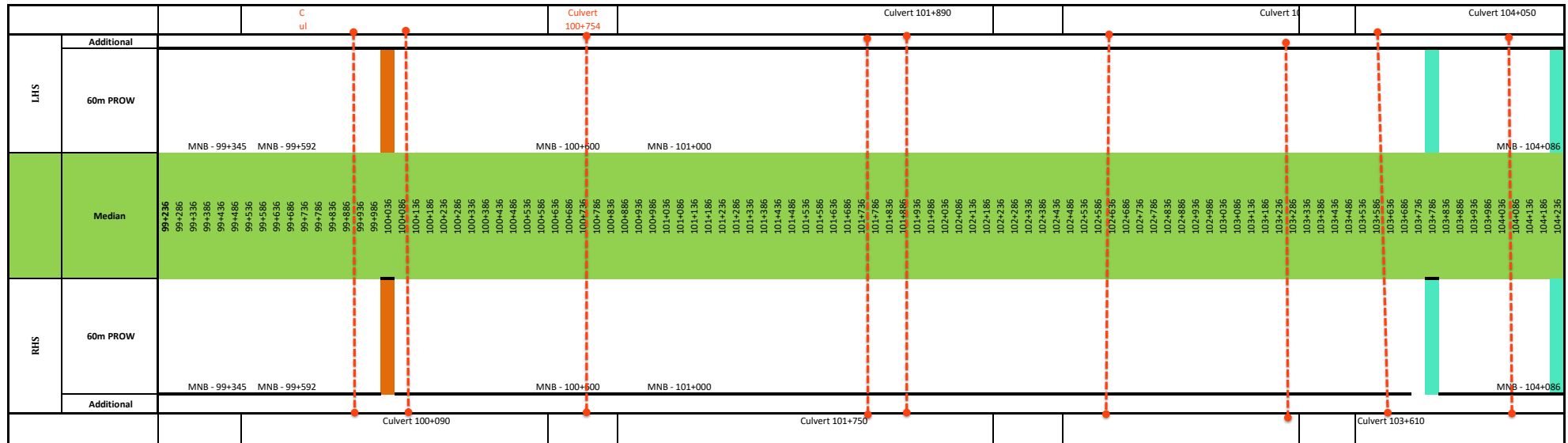
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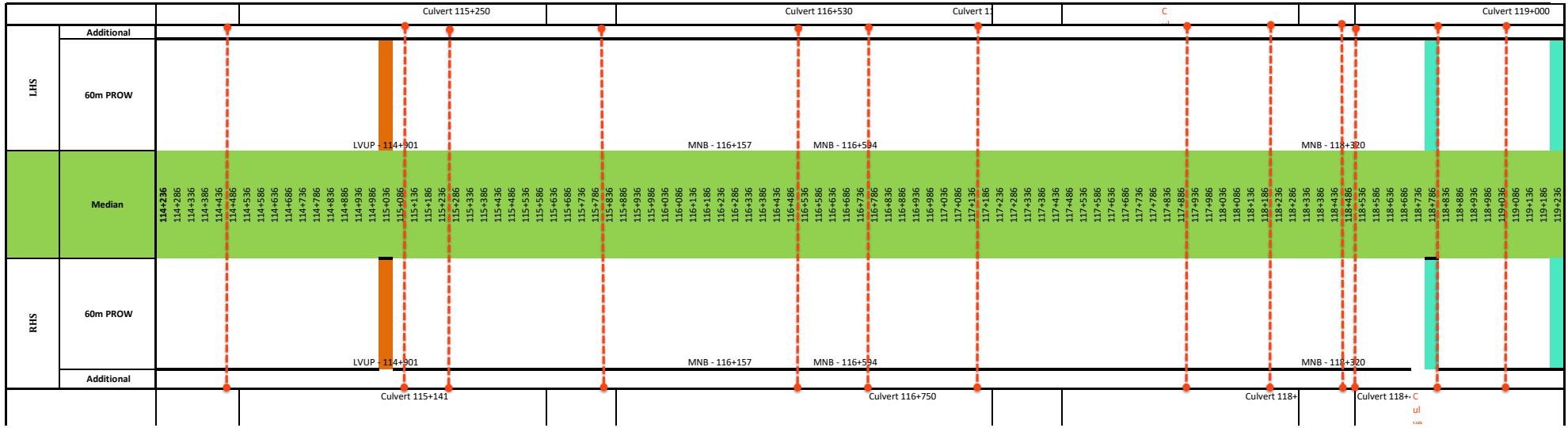
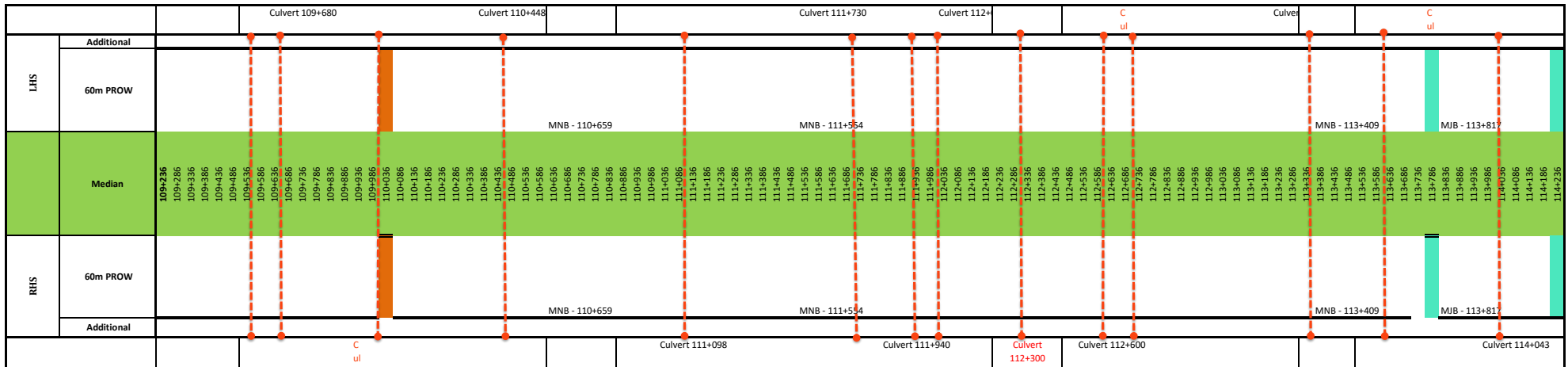
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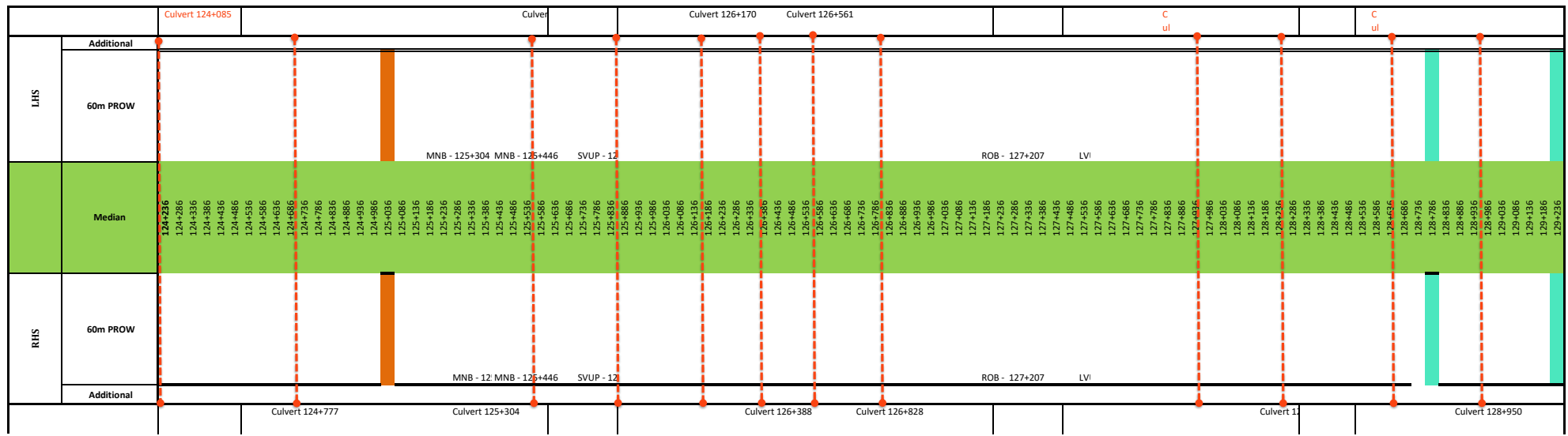
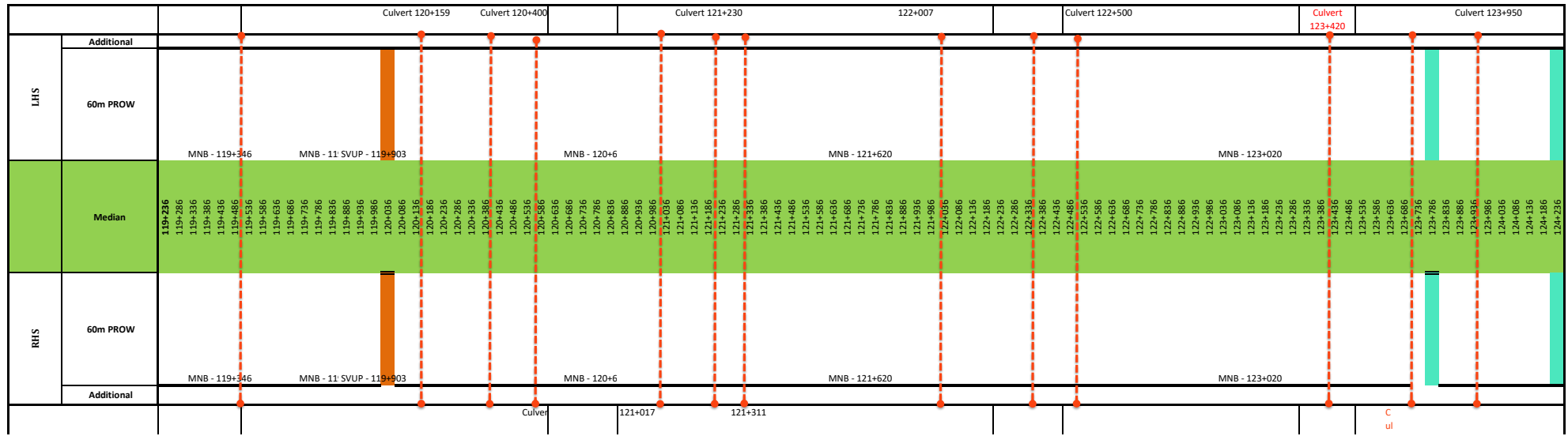
STRIP CHART PRESENTING SOW

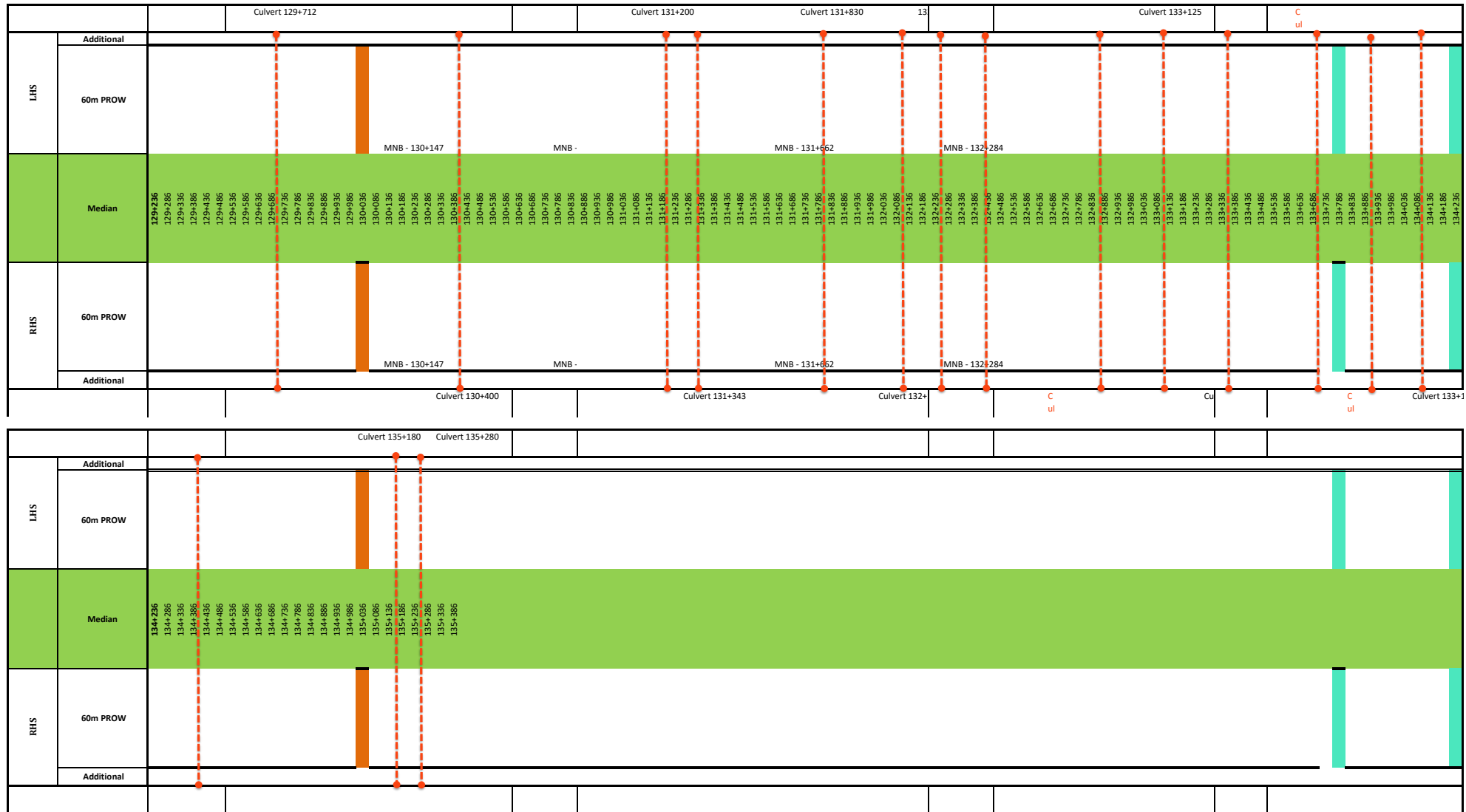
■ SVUP
 ■ LVUP
 ■ MNB
 ■ Interchange
 ■ ROB
 ■ VUP
 ■ VOP
 ■ Toll Plaza area
 ■ MIB
 - - - Culvert & Additional Culvert











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	6.93 km				Under Process
3	ROB Land Acquisition		NHAI	1.00 km				Under Process
4	EHT Line Shifting		NHAI					Under Process
5	Approval for Design and Drawings		NHAI					Under Process

Land Acquisition

As on Memorandum Time					
Sr. No	Description	Total Land Required (Hact)	Available Land (Hact)	Not available Land (Hact)	Remark
1	Hact	304.906	286.306	18.60	Yet to require as additional land for ROB to be measured by revenue the correct area from Ch. 126+850 to Ch.127+850
2	Km	46.151	43.051	3.10	
3	%	100%	93.28%	6.72	

3.2 Obligations as per Concessionaire**3.2.1 Obligations of Independent Engineer**

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

3.2.2 Obligations of Concessionaire

Sl. No.	Clause no.	Obligation	Status	Remarks/Letter references
1	Article 9	Performance Bank Guarantee	Submitted	MKC Ujjain Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/01 Dated-19-05-2022
2	Article 11	Shifting/Relocation of Electrical Utilities		
3	Article 26	Proposed Insurance Policies As per Article 20	Submitted	MKC Ujjain Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/67 Dated-7-12-2022
4	Article 18.1.2	Appointment of Safety Consultant	Submitted	MKC Ujjain Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/37 Dated-2-11-2022
5		Appointment of Design Director		

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

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6	Article 10	Applicable Permit		
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%	2.39%	8.26%		
2	Minor Bridge works, underpasses, overpasses &, Box Culvert, & Major Bridge Structures	28.27%	1.35%	2.51%		
3	ROB	12.47%	-	-		
4	Other Works	23.46%	0.26%	0.26%		
5	As per Stock Procured		2.90%	2.90%		
	Physical Progress	100%	6.90%	13.92%		

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	In Progress	

Package-III

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Detailed Physical Progress-

Detailed Physical Progress										
Item	Stage for measurement of Physical Progress	Unit	Weightage in percentage to the Contract Price	Planned Scope(as per scope of work)	Total Amount	Rate per Unit in Rs.	Progress Till Date	% of Physical Progress	Value Of Physical progress	Remarks
1	2	3	4	5	6	7	8	9	10	11
Road Works	B- New realignment/bypass									
	(1) Earthwork	Km.	15.68%	88.90	93,76,64,000	1,05,47,164.29	50	56.24%	52,73,58,214.66	
	(2) Granular work (sub-base, base, shoulders)									
	(a) GSB	Km.	5.70%	88.90	34,08,60,000	38,34,109.47			-	
	(b) Geogrid/ Geosynthetic Material for Pavement Stabilization	Km.	9.50%	88.90	56,81,00,000	63,90,182.45				
	(c)W/MM	Km.	3.43%	88.90	20,51,14,000	23,07,192.19			-	
	(3) Shoulders	Km.	0.06%	88.90	35,88,000	40,359.05				
	(4) Bituminous work									
	(a) DBM	Km.	6.39%	88.90	38,21,22,000	42,98,238.51				
(b) BC	Km.	4.54%	88.90	27,14,92,000	30,53,834.56					
Sub Total-1			45.30%		2,70,89,40,000					
Culvert	C- New culverts, minor bridges, underpasses, over passes on existing road, realignments, bypasses									
	(1) Culverts	No.	7.81%	190	46,70,38,000	24,58,094.74				
	Raft (35%)	No.	2.73%	190	16,34,63,300	8,60,333.16	60.00	31.58%	5,16,19,989.47	
	Wall (28.5%)	No.	2.23%	190	13,31,05,830	7,00,557.00	42.00	22.11%	2,94,23,394.00	
	Slab (35%)	No.	2.73%	190	16,34,63,300	8,60,333.16	40.00	21.05%	3,44,13,326.32	
	Miscellaneous Works (15%)	No.	0.12%	190	70,05,570	36,871.42				
MNB	(2) Minor bridges									
	(a) Foundation	No.	5.52%	64	33,00,96,000	51,57,750.00				
	(b) Sub-structure	No.	4.80%	64	28,70,40,000	44,85,000.00				
	(c) Super-structure (including crash barriers etc. complete	No.	4.81%	64	28,76,38,000	44,94,343.75				
	Upto Completion of Slab (98%)	No.	4.71%	64	28,18,85,240	44,04,456.88				
	Other Miscellaneous Works (2%)	No.	0.10%	64	57,52,760	89,886.88				

Package-III

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Underpass	(5) Grade separated structures (a) Underpasses								
	(i) Foundation	No.	0.05%	16	29,90,000	1,86,875.00	4.00	25.00%	7,47,500.00
	(ii) Sub-structure	No.	1.74%	16	10,40,52,000	65,03,250.00			
	(iii) Super-structure (including crash barriers etc. Complete)	No.	0.17%	16	1,01,66,000	6,35,375.00			
	Upto Completion of Slab (98%)	No.	0.167%	16	99,62,680	6,22,667.50			
	Other Miscellaneous Works (2%)	No.	0.003%	16	2,03,320	12,707.50			
Major Bridges works	C- New Major Bridges								
	(1) Foundation	No.	1.51%	12	9,02,98,000	75,24,833.33			
	(2) Sub-structure	No.	0.42%	12	2,51,16,000	20,93,000.00			
	(3) Super-structure (including crash barriers etc. complete)	No.	1.44%	12	8,61,12,000	71,76,000.00			
	Upto Completion of Slab (98%)	No.	1.411%	12	8,43,89,760	70,32,480.00			
	Other Miscellaneous Works (2%)	No.	0.029%	12	17,22,240	1,43,520.00			
Sub Total-2			28.27%		1,69,05,46,000				
ROB Works	D - New rail-road bridges (a) ROB				-				
	(1) Foundation	No.	0.57%	10	3,40,86,000	34,08,600.00			
	(2) Sub-structure	No.	0.33%	10	1,97,34,000	19,73,400.00			
	(3) Super-structure (including crash barriers etc. complete)	No.	1.470%	10	8,79,06,000	87,90,600.00			
	Casting of Pre-Cast Girders (50%)	No.	0.735%	10	4,39,53,000	43,95,300.00			
	Upto Completion of Slab (48%)	No.	0.706%	10	4,21,94,880	42,19,488.00			
	Other Miscellaneous Works (2%)	No.	0.029%	10	17,58,120	1,75,812.00			
Sub Total-3			2.37%		141726000.00				
Structures (Elevated sections, Reinforced Earth)	(4) Reinforced Earth Wall (Includes Approaches of ROB, Underpasses, Overpasses, Flyover etc.)	Sqm.	0.60%	6135.14	3,58,80,000	5,848.28			
	Casting of RE-Wall (50%)	Sqm.	0.300%	6135.14	1,79,40,000	2,924.14	5,000.00	81.50%	1,46,20,693.25
	Erection of RE-Wall (50%)	Sqm.	0.300%	6135.14	1,79,40,000	2,924.14			
Sub Total-4			0.60%		3,58,80,000				

Package-III

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Other Works	(i) Service roads/ Slip Roads	Mts.	0.85%	2708	5,08,30,000	18,770.31					
	a) Completion upto Base Course Works (65%)	Mts.	0.55%	2708	3,30,39,500	12,200.70					
	b) Completion upto Surface Course (35%)	Mts.	0.30%	2708	1,77,90,500	6,569.61					
	(ii) (a) Main Toll Plaza	No.	1.55%	2	9,26,90,000	4,63,45,000.00					
	a) Toll Building (15%)	No.	0.23%	2	1,39,03,500	69,51,750.00					
	b) Road Works at Toll Plaza (20%)	No.	0.31%	2	1,85,38,000	92,69,000.00					
	c) Toll Building Approach Road & Parking Areas (15%)	No.	0.23%	2	1,39,03,500	69,51,750.00					
	d) Toll Canopy (30%)	No.	0.47%	2	2,78,07,000	1,39,03,500.00					
	e) Procurement of TMS materials (15%)	No.	0.23%	2	1,39,03,500	69,51,750.00					
	f) Installation & Other works (5%)	No.	0.08%	2	46,34,500	23,17,250.00					
	(ii) (b) Toll Plaza on Entry & Exit Ramp	No.	1.44%	4	8,61,12,000	2,15,28,000.00					
	a) Toll Building (15%)	No.	0.22%	4	1,29,16,800	32,29,200.00					
	b) Road Works at Toll Plaza (20%)	No.	0.29%	4	1,72,22,400	43,05,600.00					
	c) Toll Building Approach Road & Parking Areas (15%)	No.	0.22%	4	1,29,16,800	32,29,200.00					
	d) Toll Canopy (30%)	No.	0.43%	4	2,58,33,600	64,58,400.00					
	e) Procurement of TMS materials (15%)	No.	0.22%	4	1,29,16,800	32,29,200.00					
	f) Installation & Other works (5%)	No.	0.07%	4	43,05,600	10,76,400.00					
	(iii) Road Side Drain (Unlined)	Km.	1.50%	268.00	8,97,00,000	3,34,701.49					
	(iv) Safety devices	Months	1.94%	20.30	11,60,12,000	57,14,876.85					
	(iv) (a) Road signs, marking, Km stones etc.	Km.	0.34%	88.90	2,03,32,000	2,28,701.27					
	(iv) (b) Concrete Crash Barrier/ W-Beam Crash Barrier in Road work	Km.	9.49%	84.89	56,75,02,000	66,85,145.48					
	Procurement of Crash Barrier Material (90%)	Km.	8.541%	84.89	51,07,51,800	60,16,630.93					
	Installation (10%)	Km.	0.949%	84.89	5,67,50,200	6,68,514.55					
(iv) (c) Steel Railing	Mts.	0.08%	260	47,84,000	18,400.00						
Procurement of Steel Railing Material (90%)	Mts.	0.072%	260	43,05,600	16,560.00						
Installation (10%)	Mts.	0.008%	260	4,78,400	1,840.00						
(v) (a) Bus Shelter	No.	0.02%	4	11,96,000	2,99,000.00						

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(v) (c) Rest areas	No.	0.92%	1	5,50,16,000	5,50,16,000.00			
(i) Approach Roads for Buildings & Parking Areas (50%)	No.	0.46%	1	253073.60	2,53,073.60			
(ii) Buildings Works (50%)	No.	0.46%	1	253073.60	2,53,073.60			
(v) (d) Electrification	Crossing	0.51%	49	3,04,98,000	6,22,408.16			
Erection of Poles, Laying of Cables, Laying of Ducts (90%)	Crossings	0.459%	49	2,74,48,200	5,60,167.35			
Charging & Other Miscellaneous Works (10%)	Crossings	0.051%	49	30,49,800	62,240.82			
(v) (e) Toilet Block	No.	0.21%	8	1,25,58,000	15,69,750.00			
(vii) Road side plantation	No.	0.84%	36880	5,02,32,000	1,362.04			
(viii) (a) Boulder Pitching on slopes	Mts.	0.15%	825.00	89,70,000	10,872.73			
(viii) (b) Toe Wall/Retaining wall	Mts.	0.11%	260	65,78,000	25,300.00			
(viii) (c) River Training Work	Mts.	0.16%	825.00	95,68,000	11,597.58			
(x) (c) Connecting Road	Mts.	0.43%	3295	2,57,14,000	7,803.95			
a) Completion upto Base Course Works (65%)	Mts.	0.28%	3295	1,67,14,100	5,072.56			
b) Completion upto Surface Course (35%)	Mts.	0.15%	3295	89,99,900	2,731.38			
(x) (d) Tree Cutting	Km.	0.02%	88.90	11,96,000	13,453.02	80.00	89.99%	1076241.254
(x) (e) (a) Major Junction	No.	0.22%	2	1,31,56,000	65,78,000.00			
a) Completion upto Base Course Works (65%)	No.	0.14%	2	85,51,400	42,75,700.00			
b) Completion upto Surface Course (35%)	No.	0.08%	2	46,04,600	23,02,300.00			
(x) (e) (b) Major Junction	No.	0.18%	16	1,07,64,000	6,72,750.00			
a) Completion upto Base Course Works (65%)	No.	0.12%	16	69,96,600	4,37,287.50			
b) Completion upto Surface Course (35%)	No.	0.06%	16	37,67,400	2,35,462.50			
(x) (f) Rain Water Harvesting System	No.	0.21%	92	1,25,58,000	1,36,500.00			
(x) (h) ATMS	Km.	2.02%	88.90	12,07,96,000	13,58,754.58			
Procurement of ATMS Material (90%)	Km.	1.818%	88.90	10,87,16,400	12,22,879.13			
Installation (10%)	Km.	0.202%	88.90	1,20,79,600	1,35,875.46			
(x) (i) Pathway	Mts.	0.27%	4500	1,61,46,000	3,588.00			
a) Completion upto Base Course Works (65%)	Mts.	0.18%	4500	1,04,94,900	2,332.20			
b) Completion upto Surface Course (35%)	Mts.	0.09%	4500	56,51,100	1,255.80			
As per material Procured							2.90%	15,27,55,728.00
Sub Total-5		23.46%		1402908000.00			13.579%	81,20,15,096.96
		100.00%		5980000000.00				

5. Land Acquisition and Clearance**5.1 LA Summary**

Description	Total Required (Ha)	Total in possession at start (Ha)	Total to be Acquired in (Ha)
Existing ROW			
Pvt. Land To be Acquired	228	257.32	47.58
Govt. Land To be Transferred	56		
Grand Total	304.906	257.32	47.58

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Carriageway											
Land Acquisition & Clearances by length as on date 31.01.2023											
S.NO	District	Taluka	Village	Chainage		Length (km)	Available Land as on 31.01.2023		Un-available Land as on 31.01.2023		REMARK
				From	To		LHS	RHS	LHS	RHS	
1	Jhalawar	Dug	Khakhari	89236	90100	864	864	864	0	0	
2	Jhalawar	Dug	Khakhari	90100	90220	120	0	0	120	120	
3	Jhalawar	Dug	Khakhari	90220	90320	100	100	100	0	0	
4	Jhalawar	Dug	Khakhari	90320	90540	220	0	0	220	220	
5	Jhalawar	Dug	Khakhari	90540	92220	1680	1680	1680	0	0	
6	Jhalawar	Dug	Lasudiya	92220	92570	350	0	0	350	350	
7	Jhalawar	Dug	Lasudiya	92570	95320	2750	2750	2750	0	0	
8	Jhalawar	Gangdhar	Nayakheda	95320	95480	160	0	0	160	160	
9	Jhalawar	Gangdhar	Nayakheda	95480	96500	1020	1020	1020	0	0	
10	Jhalawar	Gangdhar	Guwalad	96500	96530	30	0	0	30	30	
11	Jhalawar	Gangdhar	Guwalad	96530	96870	340	340	340	0	0	
12	Jhalawar	Gangdhar	Guwalad	96870	97010	140	0	0	140	120	
13	Jhalawar	Gangdhar	Guwalad	97010	97320	310	310	410	0	0	
14	Jhalawar	Gangdhar	Guwalad	97320	97380	60	60	0	0	60	
15	Jhalawar	Gangdhar	Guwalad	97380	97400	20	20	20	0	0	
16	Jhalawar	Gangdhar	Guwalad	97400	97450	50	0	0	50	50	
17	Jhalawar	Gangdhar	Guwalad	97450	100800	3350	3350	3350	0	0	
18	Mandsaur	Suwasara	Jhotwali	100800	100820	20	0	20	20	0	
19	Mandsaur	Suwasara	Jhotwali	100820	101180	360	360	360	0	0	
20	Mandsaur	Suwasara	Jhotwali	101180	101314	134	0	0	134	134	
21	Mandsaur	Suwasara	Jhotwali	101314	103730	2416	2416	2416	0	0	
22	Mandsaur	Suwasara	Tarnod	103730	103781	51	51	0	0	51	
23	Mandsaur	Suwasara	Tarnod	103781	104237	456	456	456	0	0	
24	Mandsaur	Suwasara	Tarnod	104237	104401	164	0	0	164	164	
25	Mandsaur	Suwasara	Tarnod	104401	104700	299	299	299	0	0	
26	Mandsaur	Suwasara	Tarnod	104700	104800	100	0	0	100	100	
27	Mandsaur	Suwasara	Tarnod	104800	105250	450	450	450	0	0	
28	Mandsaur	Suwasara	Tarnod	105250	105340	90	0	90	90	0	

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29	Mandsaur	Suwasara	Tarnod	105340	106000	660	660	660	0	0
30	Mandsaur	Suwasara	Tarnod	106000	106110	110	0	0	110	110
31	Mandsaur	Suwasara	Tarnod	106110	107300	1190	1190	1190	0	0
32	Mandsaur	Suwasara	Ghasoi	107300	107450	150	150	0	0	150
33	Mandsaur	Suwasara	Ghasoi	107450	107490	40	40	40	0	0
34	Mandsaur	Suwasara	Ghasoi	107490	107690	200	180	10	20	190
35	Mandsaur	Suwasara	Ghasoi	107690	107700	10	10	10	0	0
36	Mandsaur	Suwasara	Ghasoi	107700	107950	250	20	0	230	250
37	Mandsaur	Suwasara	Ghasoi	107950	108020	70	70	70	0	0
38	Mandsaur	Suwasara	Ghasoi	108020	108197	177	0	0	177	177
39	Mandsaur	Suwasara	Ghasoi	108197	109200	1003	1003	1003	0	0
40	Mandsaur	Suwasara	Ghasoi	109200	109400	200	0	0	200	200
41	Mandsaur	Suwasara	Antraliya	109400	109570	170	170	170	0	0
42	Mandsaur	Suwasara	Antraliya	109570	109650	80	0	0	80	80
43	Mandsaur	Suwasara	Antraliya	109650	110100	450	450	450	0	0
44	Mandsaur	Suwasara	Antraliya	110100	110150	50	0	0	50	50
45	Mandsaur	Suwasara	Antraliya	110150	111000	850	850	850	0	0
46	Mandsaur	Suwasara	Antraliya	111000	111040	40	0	0	40	40
47	Mandsaur	Suwasara	Antraliya	111040	112180	1140	1140	1140	0	0
48	Mandsaur	Suwasara	Antraliya	112180	112340	160	0	0	160	160
49	Mandsaur	Suwasara	Antraliya	112340	115350	3010	3010	3010	0	0
50	Mandsaur	Suwasara	Semlikanka	115350	115500	150	0	0	150	150
51	Mandsaur	Suwasara	Semlikanka	115500	116000	500	500	500	0	0
52	Mandsaur	Suwasara	Dhabla Deval	116000	116200	200	0	0	200	200
53	Mandsaur	Suwasara	Dhabla Deval	116200	116500	300	300	300	0	0
54	Mandsaur	Suwasara	Dhabla Deval	116500	116540	40	40	0	0	40
55	Mandsaur	Suwasara	Dhabla Deval	116540	116760	220	220	220	0	0
56	Mandsaur	Suwasara	Dhabla Deval	116760	116800	40	0	0	40	40
57	Mandsaur	Suwasara	Dhabla Deval	116800	124920	8120	8120	8120	0	0
58	Mandsaur	Samgarh	Dhabla Gurjar	124920	125000	80	0	0	80	80
59	Mandsaur	Samgarh	Dhabla Gurjar	125000	125450	450	450	450	0	0

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60	Mandsaur	Samgarh	Dhabla Gurjar	125450	125500	50	0	0	50	50		
61	Mandsaur	Samgarh	Dhabla Gurjar	125500	125690	190	0	20	180	160		
62	Mandsaur	Samgarh	Dhabla Gurjar	125690	125900	210	210	210	0	0		
63	Mandsaur	Samgarh	Dhabla Gurjar	125900	126090	190	0	0	190	190		
64	Mandsaur	Samgarh	Dhabla Gurjar	126090	126350	260	260	260	0	0		
65	Mandsaur	Samgarh	Dhabla Gurjar	126350	126470	120	0	0	120	120		
66	Mandsaur	Samgarh	Dhabla Gurjar	126470	126900	430	430	430	0	0		
67	Mandsaur	Samgarh	Chandkhedi	126900	127510	610	0	0	610	610		
68	Mandsaur	Samgarh	Chandkhedi	127510	127560	50	50	50	0	0		
69	Mandsaur	Garoth	Guradiya Mata	127560	127840	280	0	0	280	280		
70	Mandsaur	Garoth	Guradiya Mata	127840	128860	1020	1020	1020	0	0		
71	Mandsaur	Garoth	Guradiya Mata	128860	129050	190	0	190	190	0		
72	Mandsaur	Garoth	Guradiya Mata	129050	129140	90	0	0	90	90		
73	Mandsaur	Garoth	Farasali	129140	130850	1710	1710	1710	0	0		
74	Mandsaur	Garoth	Farasali	130850	130900	50	50	0	0	50		
75	Mandsaur	Garoth	Farasali	130900	132000	1100	1100	1100	0	0		
76	Mandsaur	Garoth	Farasali	132000	135000	3000	0	0	3000	3000		
77	Mandsaur	Garoth	Farasali	135000	135351	351	351	351	0	0		
Total Land :							46115	37929	37808	7825	8026	
Total Land (Km):							46.12	37.93	37.81	7.83	8.03	
Total Land Percentage (%):							100%	82.25%	81.99%	16.97%	17.40%	
Total Land Percentage Average (%):							100%	82.12%		17.19%		

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

S.No.	Item Description	Unit	Quantity
1	Excavator (20 Ton)	Nos.	23
2	Tipper	Nos.	80
3.	Wheel Loader	Nos.	04
4.	Motor Grader	Nos.	17
5	Crane /Hydra	Nos.	02
6	Soil Compactor	Nos.	20
7	Backhoe Loader	Nos.	05
8	Mobile Crane	Nos.	01
9	Transit Mixers	Nos.	18
10	Water Tanker	Nos.	15
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
		Total	273

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Manpower Resources

Sl. No.	Name	Description	Nos.
A		Key personnel	
1	Mr.Jaibir Singh	CGM	1
2	Mr. Ashok Kumar Tripathi	SGM- Highway	1
3	Mohd.Alam	Sr. Project Manager	1
B		Highways	
1	Parvinder	Dy. Project Manager	1
2		Sr. Engineer/Jr. Engineer/Engineer	12
3	Deepak Dixit	Sr. Survey Manager	1
4	Ajay Kumar Morya	Sr. Surveyor	1
5		Asst. Surveyor/Surveyor	8
C		Structures	
1	Sanjeev Kumar	Dy. Project Manager	1
2		Sr. Engineer/Site Engineer/Jr. Engineer	4
3		Supervisor/Senior Supervisor	10
D		Quality Assurance/Control	
1	Anjani Kumar Tiwari	Manager	1
2		Sr. Engineer/Engineer	2
3		Jr. Engineer /Technician/ Lab. Technician	13
E		Planning & Billing	
1	Manmohan Singh Yadav	Manager (Planning & Billing)	1
2		Sr. Engineer	2
3		Engineer	2
4		GET	1
5		Assistant	1
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		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

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7.2 Mobilization of Sub-Contractor**Earth Work Contractor**

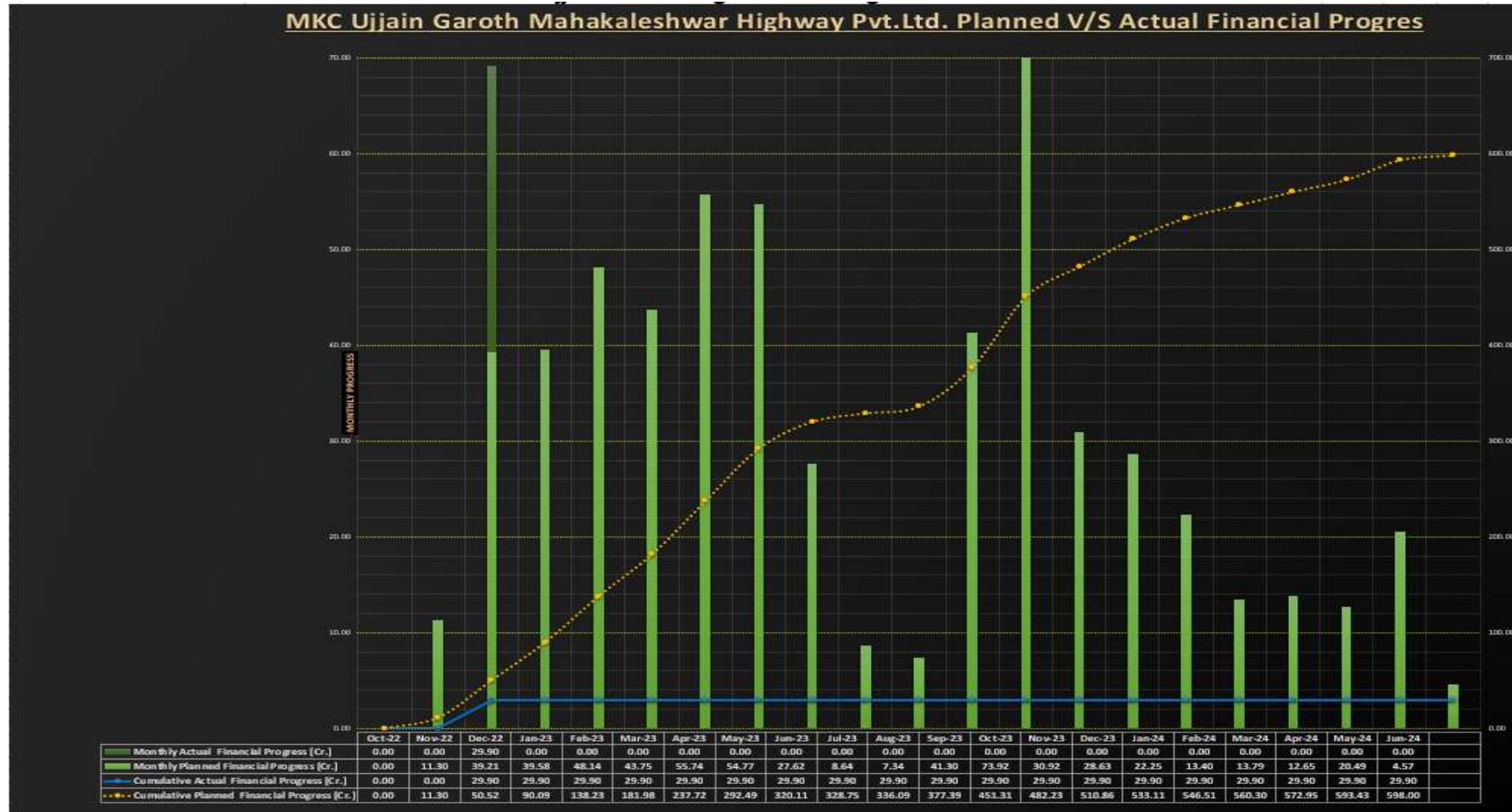
Sr. No	Machinery Name	Numbers
1	Grader	7
2	Roller	10
3	Dumper	52
4	Excavator	14
5	Water Tanker	7
Total: -		90 Nos

Manpower of Sub-Contractor

S.No.	Subcon. Name	Structure	Highway
1	A K Construction	45	
2	Kriti Construction	15	
3	Yashwant Engineering	30	
4	Sarabjit Contractor	15	
5	Ayesha Construction	14	
6	Sonu Kumar	10	
7	Ankit Construction	13	
8	Chaudhary Construction & Sons	10	
9	Aggressive Infra	12	
10	Shree Ram Enterprises		17
9	Balaji Earthmovers		15
10	Pooniya Const		23
11	Majisa Const		11
12	Shree Ram & Co.		16
13	Maa Kamakhya Const		13
14	Anand Rulaniya Construction Company		12
Total: -		164	107

8. Financial Progress-

8.1 Penpicture Escrow



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8.2 Escrow Details

Detailed Financial Progress									
Stage for measurement of Physical Progress	Unit	Planned Scope (As per scope of work)	Weightage in percentage to the Contract	Total Amount	Rate per unit	Progress Till Date	% of Physical Progress	Value of Physical Progress	Remark
B- New realignment/bypass									
(1) Earthwork up to top of the sub-grade	Km	45.2524	15.68%	93,76,64,000	2,07,20,757.35				
(2) Granular work (sub-base, base, shoulders)									
(a) GSB	Km	45.2524	5.70%	34,08,60,000	75,32,418.17				
(b)WMM	Km	45.2524	3.43%	20,51,14,000	45,32,665.67				
(3) Shoulders	Km	45.2524	0.06%	35,88,000	79,288.61				
(4) Bituminous work	Km								
(a) DBM	Km	45.2524	6.39%	38,21,22,000	84,44,237.21				
(b) BC	Km	46.151	4.54%	27,14,92,000	58,82,689.43				
(5) Rigid Pavement	Km		0.00%	-					
Concrete work	Km		0.00%	-					
			35.80%	2,14,08,40,000					
C- New culverts, minor bridges, underpasses, over passes on existing road, realignments, bypasses:									
(1) Cluverts	No	95	7.81%	46,70,38,000	49,16,189.47				
(2) Minor bridges	No		0.00%	-					
(a) Foundation	No	32	5.52%	33,00,96,000	1,03,15,500.00				
(b) Sub-structure	No	32	4.80%	28,70,40,000	89,70,000.00				
(c) Super-structure (including crash barriers etc. complete	No	32	4.81%	28,76,38,000	89,88,687.50				
(a) Underpasses			0.00%	-					
(i) Foundation	No	8	0.05%	29,90,000	3,73,750.00				
(ii) Sub-structure	No	8	1.74%	10,40,52,000	1,30,06,500.00				
(iii) Super-structure (including crash barriers etc. Complete)	No	8	0.17%	1,01,66,000	12,70,750.00				
C- New Major Bridges									
(1) Foundation			0.00%	-					
(a) Open Foundation	No		0.00%	-	#DIV/0!				
(b) Pile Foundation/Well Foundation	No	2	1.51%	9,02,98,000	4,51,49,000.00				
(2) Sub-structure	No	2	0.42%	2,51,16,000	1,25,58,000.00				
(3) Super-structure (including crash barriers etc.complete	No	2	1.44%	8,61,12,000	4,30,56,000.00				
			28.27%	1,69,05,46,000					

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D - New rail-road bridges									
(a) ROB									
(1) Foundation	No	1	0.57%	3,40,86,000	3,40,86,000.00				
(2) Sub-structure	No	1	0.33%	1,97,34,000	1,97,34,000.00				
(3) Super-structure (including crash barriers etc.complete	No	1	1.47%	8,79,06,000	8,79,06,000.00				
(4) Reinforced Earth Wall (Includes Approaches of ROB, Underpasses, Overpasses, Flyover etc.	Sqm.	31412	10.10%	60,39,80,000	19,227.68				
			12.47%	74,57,06,000					
(i) Service roads/ Slip Roads	Km	8.862	0.85%	5,08,30,000	57,35,725.57				
(ii) Toll Plaza	No		0.00%	-					
(a) Main Toll Plaza	No	4	1.55%	9,26,90,000	2,31,72,500.00				
(b) Toll Plaza on Every Entry & E Ramp	No	4	2.94%	17,58,12,000	4,39,53,000.00				
(iii) Road side drains	Km		0.00%	-					
(iv) Road signs, markings, km stones, safety devices,		46.151	1.94%	11,60,12,000	25,13,748.35				
(a) Road signs, marking, km stones	Km	46.151	0.34%	2,03,32,000	4,40,553.83				
(b) Concrete Crash Barrier/ W-Beam Crash Barrier in Road work	Km	151.5	9.49%	56,75,02,000	37,45,887.79				
(c) Steel Railing	Km	5.57	0.08%	47,84,000	8,58,886.89				
(v) Project facilities			0.00%	-					
(a) Bus Shelter	No.	4	0.02%	11,96,000	2,99,000.00				
(b) Truck lay-byes	No.	1	0.00%	-					
(c) Rest areas	No.	1	0.92%	5,50,16,000	5,50,16,000.00				
(d) Electrification		1	0.51%	3,04,98,000	3,04,98,000.00				
(e) Toilet Block	No.	22	0.21%	1,25,58,000	5,70,818.18				
(vi) Repairs to bridges/structures	No.		0.00%	-					
(vii) Road side plantation	km	45.2524	0.84%	5,02,32,000	11,10,040.57				
(viii) Protection works				-					
(a) Boulder Pitching on slopes	Km	0.6	0.15%	89,70,000	1,49,50,000.00				
(b) Toe/Retaining wall / Boundary Wall	Km	2.6	0.11%	65,78,000	25,30,000.00				
(c) River Training Work	Km	0.57	0.16%	95,68,000	1,67,85,964.91				
(ix) Tunnel			0.00%	-					
(a) Excavation	Meter		0.00%	-					
(b) Construction of support system including rock bolting, lining etc.	Meter		0.00%	-					
(c) On complete completion of tunnel	Meter		0.00%	-					
(x) Miscellaneous	Lump sum		0.00%	-					
(a) Ramp for Clover Leaf	Km		0.00%	-					
(b) Ramps for Major Bridge	Km		0.00%	-					
(C) Connecting Road	Km	2.363	0.43%	2,57,14,000	1,08,81,929.75				
(d) Tree Cutting	Km	46.3	0.02%	11,96,000	25,831.53				
(e) Junction				-					
Minor Junction	No.	7	0.22%	1,31,56,000	18,79,428.57				
Major Junction	No.	4	0.18%	1,07,64,000	26,91,000.00				
(f) Rain Water Harvesting System	No.	23	0.21%	1,25,58,000	5,46,000.00				
(g) Offie Building (Area 500 SQM)	No.		0.00%	-					
(h) ATMS	Km	46.3	2.02%	12,07,96,000	26,08,984.88				
(i) Pathway	Km	4.6	0.27%	1,61,46,000	35,10,000.00				
			23.46%	1,40,29,08,000					
								0%	

10. Monitoring of maintenance obligations during construction phase

10.1 Critical issue and action log

1.ROB land acquisition.

10.2 Cumulative defects and deficiencies

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

10.3 Status of damage

Not applicable

Package-III

Monthly Progress Report January- 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 to IE**

Sr.No.	Letter No.	Date	Subject
1	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/115	02-01-2023	Submission of Borrow Area Test Result for Approval.
2	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/116	03-01-2023	Submission of Design & Drawings of 9 Nos. of MNB's.
3	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/118	05-01-2023	Submission of Design & Drawings of 3 Nos. of MNB's.
4	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/120	07-01-2023	Submission of Monthly Progress Report.
5	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/121	07-01-2023	Submission of Drone Videography.
6	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/123	16-01-2023	Submission of Compliance of Observations on Design & Drawings of LVUP and SVUP.
7	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/124	16-01-2023	Submission of Compliance of Observations on design & drawings for MNB.
8	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/124A	16-01-2023	Compliance of comments on Pavement Crust Design Report and Re-submission of Pavement Crust Design Report.
9	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/125	20-01-2023	Submission of Borrow Area Test Result for Approval

Package-III**Monthly Progress Report January- 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**

10	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/126	20-01-2023	Submission of typical Design & Drawings for 1x5x3 Box Culvert (3m Fill height)
11	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/127	21-01-2023	Concrete Mix Design (M-10 & M-15)
12	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/128	21-01-2023	Concrete Mix Design (M-25)
13	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/129	21-01-2023	Compliance of observations on Plan and Profile Drawings
14	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/135	28-01-2023	Submission of Concrete Mix Design (M-30)
15	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/136	28-01-2023	Submission of Concrete Mix Design (M-35)
16	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/137	28-01-2023	Submission of Concrete Mix Design (M-40)
17	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/140	31-01-2023	Submission of Borrow Area Test Result for Approval
18	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/142	31-01-2023	Submission of Profile and credential of Geo Source (Geo Textile & Geo Composite).

Package-III

Monthly Progress Report January- 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 Outgoing Letters to NHAI**

Sr.No.	Letter No.	Date	Subject
1	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/117	04-01-2023	Regarding Submission of ROB Additional Land Acquisition Detail.
2	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/132	24-01-2023	Regarding Consent of bitumen work on paved shoulder inlieu of paving blocks
3	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/141	31-01-2023	Regarding Inspection/Check Survey of EHT Lines

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. NHA/HQ/MP/Ujjain Garoth/Package-III) on HAM mode in the state of Madhyapradesh

Quality Control Test Report for January -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 NHA/ Rep.		
				Tested	Passed	Failed	Tested	Passed	Failed	Tested	Passed	Failed	Up to previous Month	During this Month	Total	Up to previous Month	During this Month	Total
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	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	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	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	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
2.0 Borrow Area Samples				MORTH-900														
2.1	Free Swell Index (FSI)	IS : 2720 (P- 40)	2 tests / 3000 m ³	892	892	0	146	146	0	1038	1038	0	171	27	198	42	0	42
2.2	Grain size analysis	IS : 2720 (P-4)	2 tests / 3000 m ³	892	892	0	146	146	0	1038	1038	0	171	27	198	42	0	42
2.3	Atterberg's limits (LL & PI)	IS : 2720 (P-5)	2 tests / 3000 m ³	892	892	0	146	146	0	1038	1038	0	171	27	198	42	0	42
2.4	Proctor test (MDD V/s OMC)	IS : 2720 (P-8)	2 tests / 3000 m ³	892	892	0	146	146	0	1038	1038	0	171	27	198	42	0	42
2.5	4 days soaked CBR	IS : 2720 (P- 16)	1 test / 3000 m ³	431	431	0	75	75	0	506	506	0	83	14	97	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
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	4260	4260	0	2166	2166	0	6426	6426	0	789	380	1169	0	0	0
3.2	Field density test on Emb.	"	1 set of tests /3000 m ²	10064	10064	0	5510	5510	0	15574	15574	0	1860	937	2797	0	0	0
3.3	Field density test on Subgrade	"	1 set of tests / 2000 m ²	271	271	0	0	0	0	271	271	0	51	0	51	0	0	0
3.4	Field density test on GSB	"	1 test / 1000 m ²	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.5	Field density test on WMM		1 set of three / 1000 m ²	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.6	Field density test on Earthen Shoulder		1 set of tests / 2000 m ²	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
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
4.0 Coarse Agg. for Concrete																		
4.1	Gradation	IS : 2386 (P-1)	1 test / day	46	46	0	25	25	0	71	71	0	9	5	14	0	0	0
4.2	Flakiness Index	IS : 2386 (P-1)	Weekly	8	8	0	5	5	0	13	13	0	3	1	4	0	0	0
4.3	Aggregate Impact Value	IS : 2386 (P-4)	Weekly	8	8	0	5	5	0	13	13	0	3	1	4	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
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
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
4.7	Moisture correction	IS : 2386 (P-3)	Per Day	46	46	0	25	25	0	71	71	0	9	5	14	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
4.9	Los angles abrasion value	IS : 2386 (P-4)	Test/Source	0	0	0	0	0	0	0	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
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
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

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
7.0 Cement Tests				MORTH 1000														
7.1	Fineness of cement	IS : 4031 (P-1)	1 test / lot of cement	6	6	0	5	5	0	11	11	0	3	2	5	0	0	0
7.2	Normal consistency	IS : 4031 (P-4)	1 test / lot of cement	6	6	0	5	5	0	11	11	0	3	2	5	0	0	0
7.3	Initial, final setting times	IS : 4031 (P-5)	1 test / lot of cement	6	6	0	5	5	0	11	11	0	3	2	5	0	0	0
7.4	Soundness	IS : 4031 (P-3)	1 test / lot of cement	6	6	0	5	5	0	11	11	0	3	2	5	0	0	0
7.5	Compressive strength - 3 days	IS : 4031 (P-6)	for 3 days	5	5	0	5	5	0	10	10	0	2	1	3	0	0	0
	- 7 days	"	for 7 days	6	6	0	5	5	0	11	11	0	3	1	4	0	0	0
	- 28 days	"	for 28 days	6	6	0	5	5	0	11	11	0	3	1	4	0	0	0
7.6	Chemical properties	IS : 4031	Once per Source /	2	2	0	0	0	0	2	2	0	0	0	0	0	0	0
9.0 Steel				MORTH 1000														
9.1	Physical Properties	IS : 1786		4	4	0	2	2	0	6	6	0	4	1	5	0	0	0
9.2	Chemical Properties	IS : 1786		4	4	0	2	2	0	6	6	0	4	1	5	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
12.0 Admixture				MORTH 1000														
12.1	Suitability for Concrete	IS : 9103		2	2	0	1	1	0	3	3	0	2	1	3	0	0	0
13.0 SUB-BASE (GSB)				MORTH 401														
13.1	Gradation	Table 400-2 (Grading-V)		5	5	0	0	0	0	5	5	0	5	0	5	0	0	0
13.2	Atterberg's limits (LL & PI)	IS : 2720 (P-5)		1	1	0	1	0	0	1	1	0	1	0	1	0	0	0
13.3	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
13.4	4 days soaked CBR	IS : 2720 (P- 16)		1	1	0	0	0	0	1	1	0	1	0	1	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
13.6	A.I.V	IS : 2386 (P-4)	As Required	1	1	0	0	0	0	1	1	0	1	0	1	0	0	0
Total				19834	19834	0	8651	8650	0	28484	28484	0	3818	1576	5394	262	0	262

Total Tests Conducted this Month	8651
Total Tests Witnessed by IE's this Month	1576
Total Test Witnessed by IE's in % this Month	18.22%

Total Tests Conducted this Month	8651
Total Tests Witnessed by NHAI this Month	0
Total Test Witnessed by NHAI in % this Month	0.00%

Concessionaire's Representative

Independent Engineer's Representative

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 Hybrid Annuity Mode.

Weather Report for the Month of January -2023

SL. NO.	DATE	TEMPERATURE		REL.		WEATHER	RAIN FALL (mm)	CUMM. RAIN FALL	REMARKS
		MIN.	MAX.	MIN.	MAX.				
1	01.01.2023	8.1	23.2	28	54	SUNNY	0	0	
2	02.01.2023	8.6	22.0	29	69	MOSLTY CLOUDY	0	0	
3	03.01.2023	11.0	24.1	30	65	MOSLTY CLOUDY	0	0	
4	04.01.2023	9.0	25.1	31	69	MOSLTY CLOUDY	0	0	
5	05.01.2023	6.0	19.1	29	54	SUNNY	0	0	
6	06.01.2023	7.0	18.0	33	69	SUNNY	0	0	
7	07.01.2023	7.0	22.0	37	54	SUNNY	0	0	
8	08.01.2023	8.0	23.0	45	69	SUNNY	0	0	
9	09.01.2023	10.0	22.7	34	55	SUNNY	0	0	
10	10.01.2023	11.0	21.9	44	57	SUNNY	0	0	
11	11.01.2023	13.0	21.0	45	60	SUNNY	0	0	
12	12.01.2023	11.2	24.2	42	56	SUNNY	0	0	
13	13.01.2023	11.4	20.0	40	52	SUNNY	0	0	
14	14.01.2023	10.5	22.2	41	54	SUNNY	0	0	
15	15.01.2023	7.0	20.0	39	55	SUNNY	0	0	
16	16.01.2023	9.5	24.0	43	50	SUNNY	0	0	
17	17.01.2023	8.1	22.8	47	54	MOSLTY CLOUDY	0	0	
18	18.01.2023	10.2	24.0	48	53	MOSLTY CLOUDY	0	0	
19	19.01.2023	9.8	25.9	38	52	MOSLTY CLOUDY	0	0	
20	20.01.2023	11.4	23.0	39	50	MOSLTY CLOUDY	0	0	
21	21.01.2023	11.9	22.9	40	54	MOSLTY CLOUDY	0	0	
22	22.01.2023	15.1	23.6	41	55	MOSLTY CLOUDY	0	0	
23	23.01.2023	14.2	22.0	42	56	MOSLTY CLOUDY	0	0	
24	24.01.2023	13.9	25.7	44	60	MOSLTY CLOUDY	0	0	
25	25.01.2023	14.9	23.9	43	60	MOSLTY CLOUDY	0	0	
26	26.01.2023	11.0	22.8	40	62	MOSLTY CLOUDY	0	0	
27	27.01.2023	13.3	25.7	43	60	MOSLTY CLOUDY	0	0	
28	28.01.2023	13.8	26.8	41	60	SUNNY	0	0	
29	29.01.2023	14.5	22.8	40	61	SUNNY	0	0	
30	30.01.2023	10.4	23.0	43	58	MOSLTY CLOUDY	3	3	
31	31.01.2023	10.9	21.6	44	60	MOSLTY CLOUDY	9	12	
Totally This Month Rain Fall									
Rain Fall (in mm)						This Month		12	

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- JANUARY-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			
												Vehicle Registration No.	Vehicle Type							

Up to End of January-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

UG-III Site Photograph



Rolling on Embankment Layer



Watering on Embankment Layer



Cube Testing in presence of TL Sir



C&G Work in progress



Curing Work in progress



Curing Work in progress



Shot on OnePlus
By Er. K.K. 2022.12.26 17:08

Safety Sign



SHOT ON OPPO

Safety Sign



Safety Sign