



Monthly Progress Report –April 2024



NATIONAL HIGHWAYS AUTHORITY OF INDIA

Name of the Project: -

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

Independent Engineer:

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



Concessionaire: -



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

MONTHLY PROGRESS REPORT

APRIL-2024



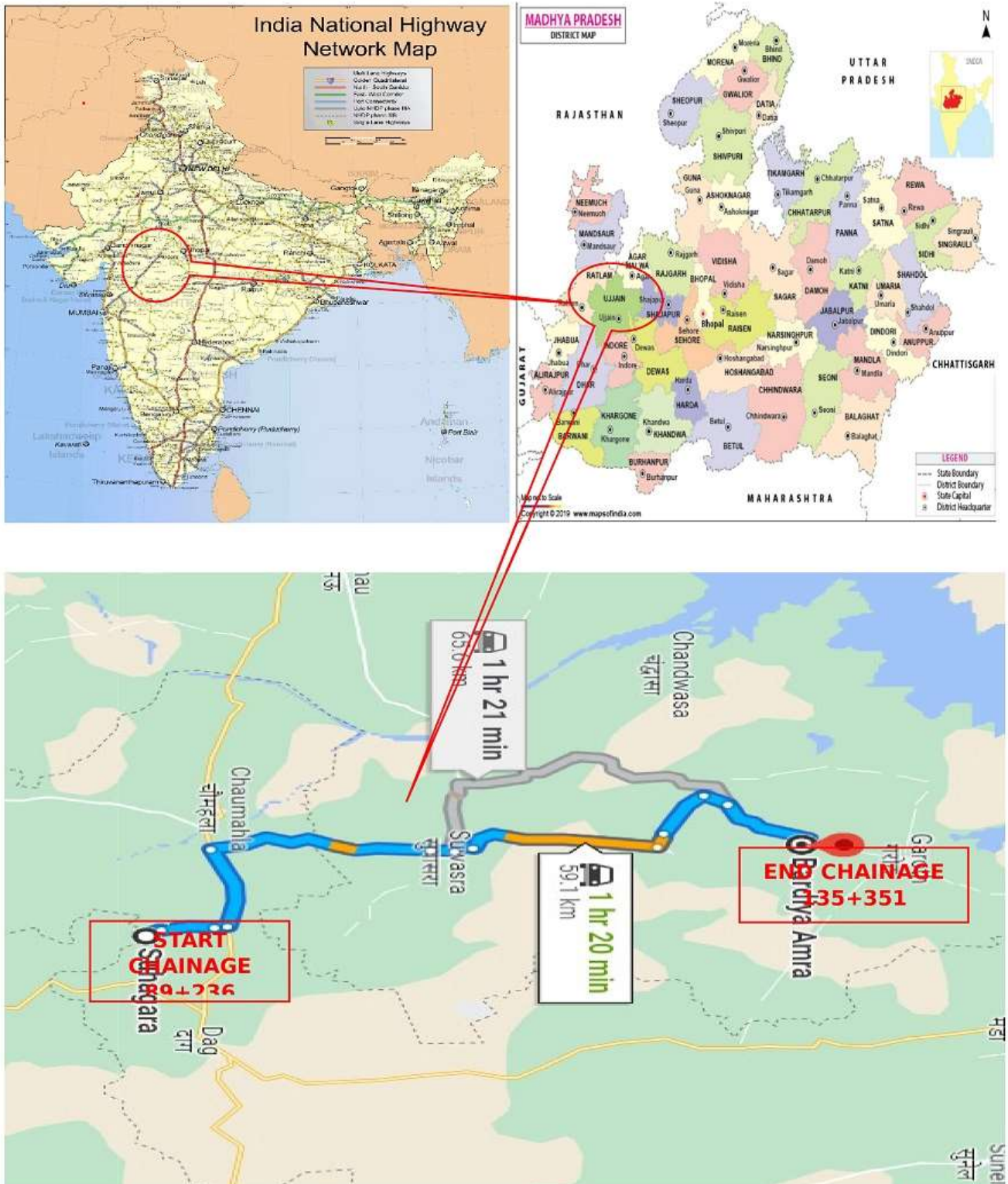
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1. SALIENT FEATURES OF THE PROJECT

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

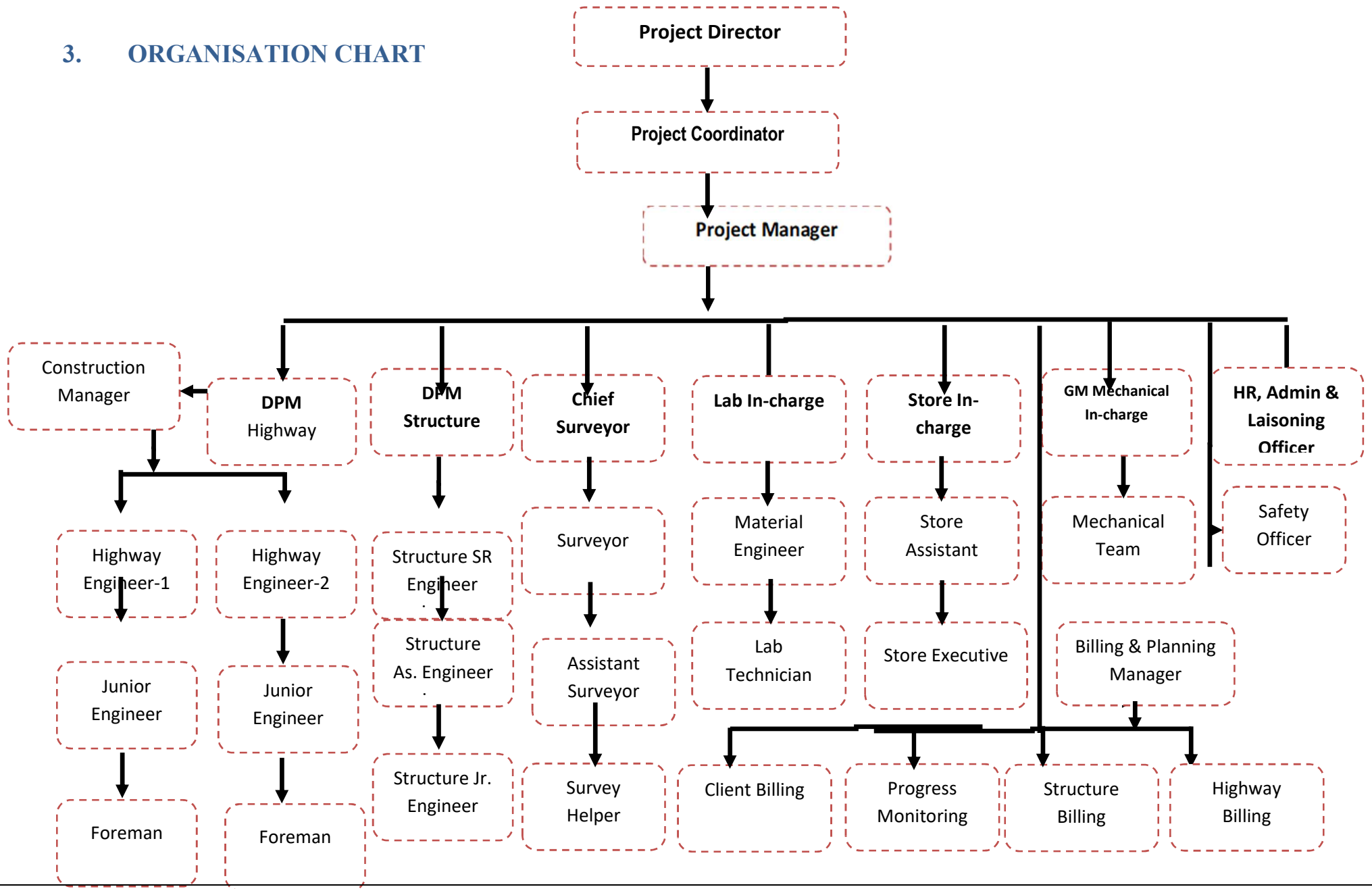
2. LOCATION PLAN



Location Map of the Project (Package- III)



3. ORGANISATION CHART



4. CRITICAL ISSUES AND ACTION LOG

Pending Issues and action log								
Sl. No	Issue Description	Ongoing/ New Issue/ Resolved	Concerned Independent	Length affected (km)	Action(s) taken till now	Action(s) suggested by the IE	Expected date	Remarks (Letter and clause ref, if any)
1	Asset's payments		NHAI					Under Process
2	Balance Land Acquisition		NHAI	0.320				Under Process
3	EHT Line Shifting		NHAI					Under Process
4	Approval for Design and Drawings		NHAI					Done

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

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



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i)		Labour License	Obtained	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/68 Dated.08.12.2022
7		Handover Memorandum	Obtained	
8		Pavement Design Report	Submitted	MKC Ujjain Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/34 Dated-2-11-2022
9		Plan and Profile & Typical Cross Section	Submitted	MKC Ujjain Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/129 Dated-21-01-2023
10		Quality Assurance Plan & Manual	Submitted	MKC Ujjain Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/35 Dated-2-11-2022
11		Construction Methodology	Submitted	MKC Ujjain Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/41 Dated-4-11-2022

5. PROJECT COMPLETION SCHEDULE

SI No	Milestone	Days From Appointed Date (04-03-2022)	% Completion	Scheduled Date	Remarks
1	Milestone-I	133 rd Days	20%	27-02-2023	Achieved as per Milestone C. A. Dated 31-03-2023
2	Milestone-II	300 th Days	35%	13-08-2023	Achieved as per Milestone C. A. Dated 16-08-2023
3	Milestone-III	404 th Days	75%	25-11-2023	1. Achieved 22.02.2024 as per the availability of land after 122 days from AD 2. Achieved 31.03.2024 as per CA
4	Schedule Completion	610 th Days	100%	18-06-2024	

6. PAYMENT DURING CONSTRUCTION

SI No	Payment milestone	On Achieved of Physical Progress	Remarks
1	I (First)	5 % of Physical Progress	Achieved on 31-01-2023
2	II (Second)	10 % of Physical Progress	Achieved on 31-01-2023
3	III (Third)	20 % of Physical Progress	Achieved on 21-04-2023
4	IV (Fourth)	30 % of Physical Progress	Achieved on 28-06-2023
5	V (Fifth)	40 % of Physical Progress	Achieved on 28-08-2023
6	VI (Sixth)	50% of Physical Progress	Achieved on 25.12.2023
7	VII (Seventh)	60 % of Physical Progress	Achieved on 16.02.2024
8	VIII (Eighth)	70 % of Physical Progress	Achieved on 21.03.2024
9	IX (Ninth)	80 % of Physical Progress	Achieved on 21.04.2024
10	X (Tenth)	90 % of Physical Progress	In Progress

7. MOBILISATION OF PLANT & MACHINERY

Plant & Machinery available at site As on 31.03.2024				
S.No.	Item Description	Unit	Quantity	Remarks
1	Excavator (20 Ton)	Nos.	25	
2	Tipper	Nos.	80	
3.	Wheel Loader	Nos.	04	
4.	Motor Grader	Nos.	17	
5	Crane /Hydra	Nos.	07	
6	Soil Compactor	Nos.	20	
7	Backhoe Loader	Nos.	05	
8	Mobile Crane	Nos.	01	
9	Transit Mixers	Nos.	18	
10	Water Tanker	Nos.	19	
11	Trailer	Nos.	02	
12	Weigh Bridge	Nos.	02	
13	Utility Vehicles	Nos.	05	
14	Crusher Plant	Nos.	06	
15	WMM Plant	Nos.	01	
16	Concrete Batching Plant (CP 30)	Nos.	02	
17	Broomer	Nos.	03	
18	Browser	Nos.	04	
19	Hot Mix Plant (In Pipeline)	Nos	01	
20	DG Sets	Nos.	08	
21	Diesel Tanker	Nos.	02	
22	Bike	Nos.	23	
23	LMV	Nos.	12	
24	Compressor	Nos.	05	
25	Cement Silo 120 MT	Nos.	2	
26	Tractor Trolley	Nos.	7	
27	JCB	Nos.	05	
28	Dozer	Nos.	04	
Total			316	

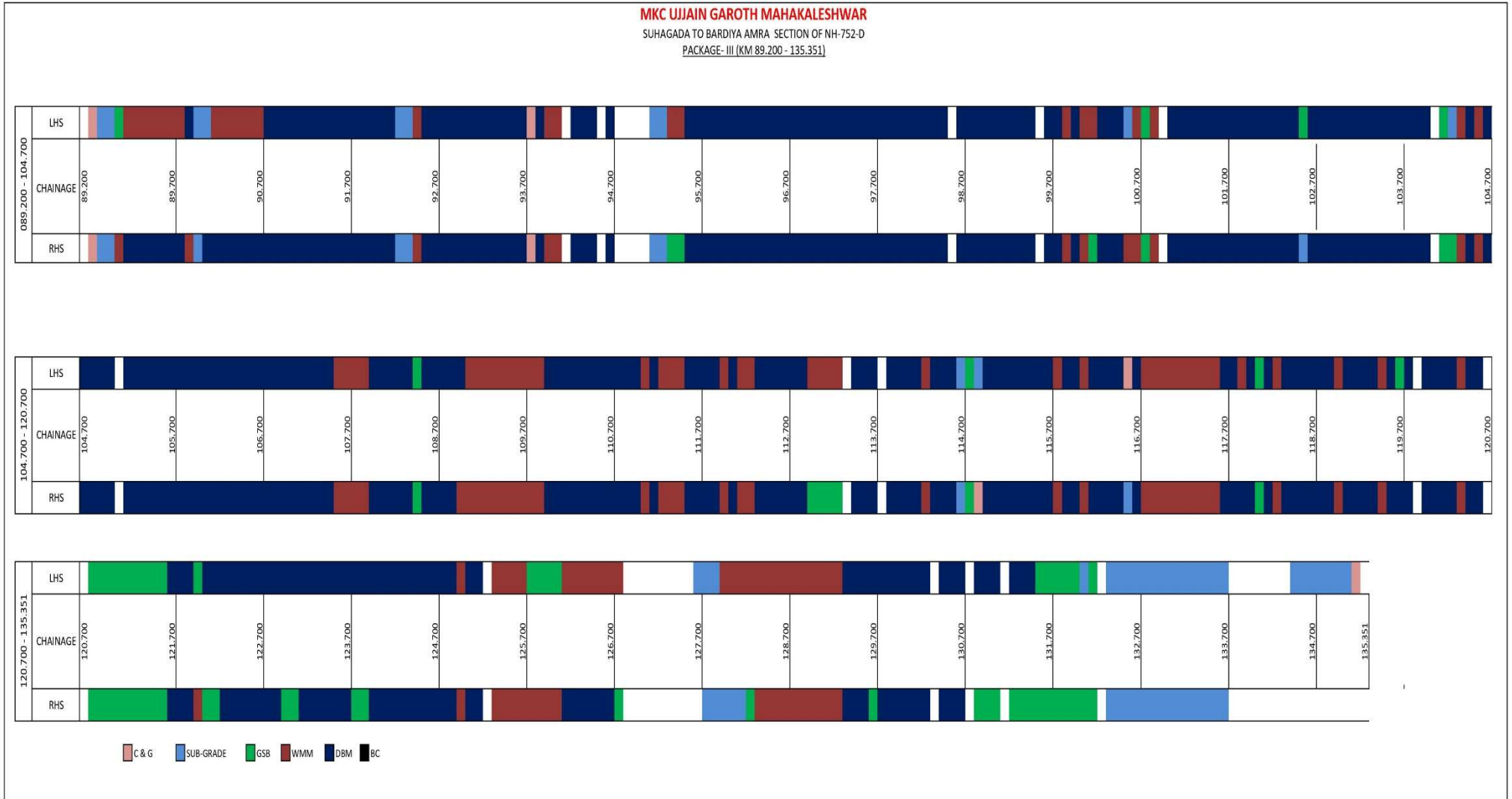
8. MOBILISATION OF MANPOWER

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



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

9. HIGHWAY STRIP CHART



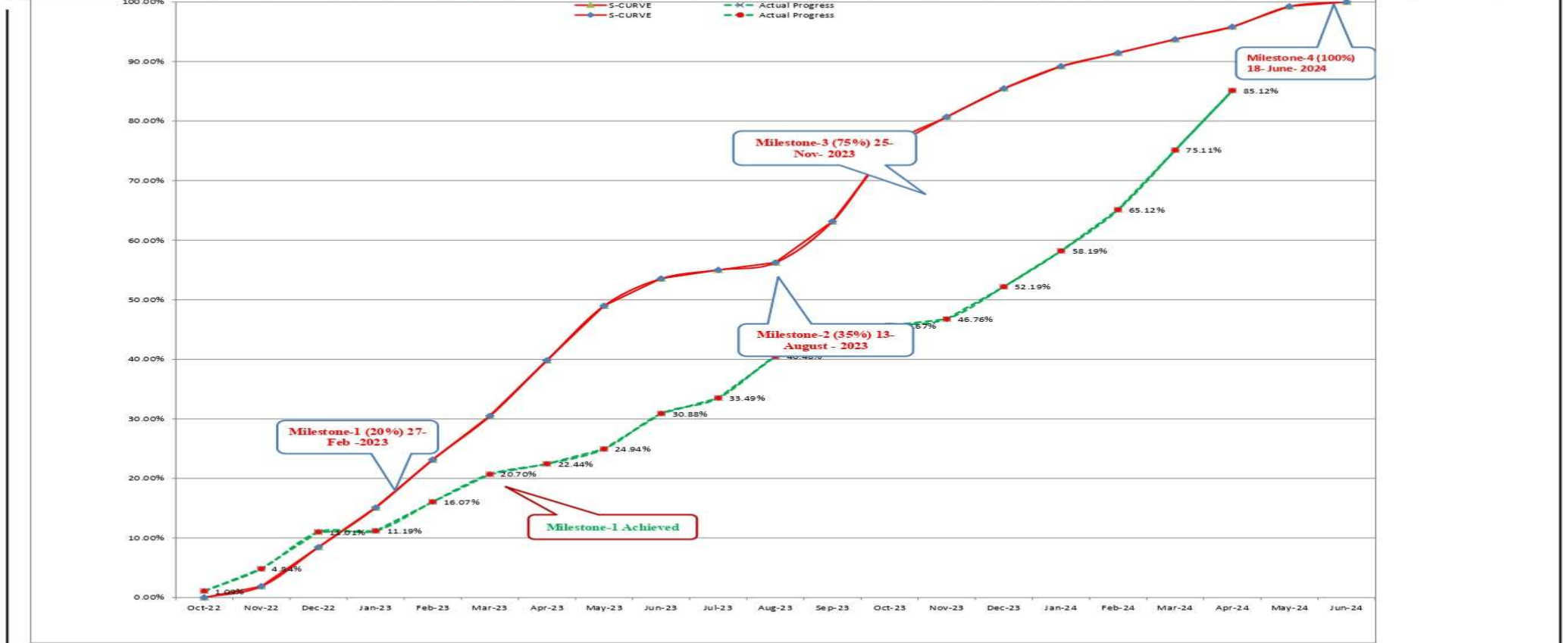


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10. S-Curve:-

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



Months	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24
Target For the Month	0.00%	1.89%	6.57%	6.63%	8.06%	7.33%	9.34%	9.17%	4.56%	1.45%	1.23%	6.92%	12.37%	5.18%	4.77%	3.73%	2.24%	2.29%	2.09%	3.43%	0.75%
Cumulative Target	0.00%	1.89%	8.46%	15.09%	23.15%	30.48%	39.82%	48.99%	53.55%	55.00%	56.23%	63.15%	75.52%	80.70%	85.47%	89.20%	91.44%	93.73%	95.82%	99.25%	100.00%
Progress For the Month	1.09%	3.75%	6.17%	0.18%	4.88%	4.63%	1.74%	2.50%	5.94%	2.61%	6.99%	4.21%	0.98%	1.09%	5.43%	6.00%	6.93%	9.99%	10.01%		
Cumulative Progress	1.09%	4.84%	11.01%	11.19%	16.07%	20.70%	22.44%	24.94%	30.88%	33.49%	40.48%	44.69%	45.67%	46.76%	52.19%	58.19%	65.12%	75.11%	85.12%		

11. STRUCTURE STRIP CHART

BOX CULVERT													
S.No	TYPE OF STRUCTURE	LHS					Final Location of Structure	Span Arrangement	RHS				
		Super Structure	Sub Structure	Foundation	PCC	Excavation			Excavation	PCC	Foundation	Sub Structure	Super Structure
1	Box Culvert						89+374	1x3x3					
2	Box Culvert						89+938	1x3x3					
3	Box Culvert						90+710	1x5x3					
4	Box Culvert						91+547	1x5x3					
5	Box Culvert						92+340	1x5x4					
6	Box Culvert						93+081	1x3x3					
7	Box Culvert						93+395	1x2x2					
8	Box Culvert						94+008	1x5x3					
9	Box Culvert						94+400	1x3x3					
10	Box Culvert						94+930	1x2x2					
11	Box Culvert						96+250	1x3x3					
12	Box Culvert						96+626	1x5x4					
13	Box Culvert						97+558	1x5x4					
14	Box Culvert						99+900	1x3x3					
15	Box Culvert						100+100	1x5x3					
16	Box Culvert						100+158	1x5x4					
17	Box Culvert						100+750	1x2x2					
18	Box Culvert						101+750	1x2x2					
19	Box Culvert						101+893	1x2x2					
20	Box Culvert						102+600	1x5x3					
21	Box Culvert						103+274	1x3x3					
22	Box Culvert						103+610	1x2x2					

23	Box Culvert						104+050	1x3x3											
24	Box Culvert						104+414	1x3x3											
25	Box Culvert						105+580	1x3x3											
26	Box Culvert						105+936	1x3x3											
27	Box Culvert						106+350	1x2x2											
28	Box Culvert						106+667	1x3x3											
29	Box Culvert						107+161	1x3x3											
30	Box Culvert						107+863	1x3x3											
31	Box Culvert						108+747	1x3x3											
32	Box Culvert						109+560	1x5x3											
33	Box Culvert						109+725	1x3x3											
34	Box Culvert						110+008	1x2x2											
35	Box Culvert						110+448	1x2x2											
36	Box Culvert						111+098	1x3x3											
37	Box Culvert						111+745	1x3x3											
38	Box Culvert						111+931	1x3x3											
39	Box Culvert						112+000	1x3x3											
40	Box Culvert						112+600	1x3x3											
41	Box Culvert						113+600	1x5x3											
42	Box Culvert						113+360	1x3x3											
43	Box Culvert						114+043	1x5x3											
44	Box Culvert						114+480	1x3x3											
45	Box Culvert						115+125	1x3x3											
46	Box Culvert						115+250	1x3x3											
47	Box Culvert						115+800	1x5x3											
48	Box Culvert						116+400	1x3x3											
49	Box Culvert						116+750	1x3x3											
50	Box Culvert						117+240	1x3x3											
51	Box Culvert						117+910	1x5x4											

52	Box Culvert							118+480	1x3x3										
53	Box Culvert							118+555	1x3x3										
54	Box Culvert							118+822	1x3x3										
55	Box Culvert							119+000	1x2x2										
56	Box Culvert							119+506	1x3x3										
57	Box Culvert							120+159	1x5x3										
58	Box Culvert							120+560	1x3x3										
59	Box Culvert							120+400	1x3x3										
60	Box Culvert							121+017	1x3x3										
61	Box Culvert							121+230	1x5x4										
62	Box Culvert							121+311	1x3x3										
63	Box Culvert							122+007	1x3x3										
64	Box Culvert							122+350	1x3x3										
65	Box Culvert							122+550	1x3x3										
66	Box Culvert							123+950	1x3x3										
67	Box Culvert							123+420	1x3x3										
68	Box Culvert							123+733	1x5x4										
69	Box Culvert							124+085	1x2x2										
70	Box Culvert							124+777	1x2x2										
71	Box Culvert							125+870	1x3x3										
72	Box Culvert							125+550	1x3x3										
73	SVUP TO BC							125+726	1x5x3										
74	Box Culvert							126+170	1x3x3										
75	Box Culvert							126+388	1x3x3										
76	Box Culvert							126+562	1x2x2										
77	Box Culvert							127+938	1x2x2										
78	Box Culvert							128+243	1x3x3										
79	Box Culvert							128+652	1x5x3										
80	Box Culvert							128+852	1x2x2										

81	Box Culvert							129+702	1x5x3					
82	Box Culvert							130+400	1x2x2					
83	Box Culvert							130+600	1x3x3					
84	Box Culvert							131+200	1x3x3					
85	Box Culvert							131+343	1x2x2					
86	Box Culvert							131+830	1x5x3					
87	Box Culvert							132+107	1x2x2					
88	Box Culvert							132+400	1x3x3					
89	Box Culvert							132+740	1x2x2					
90	Box Culvert							132+790	1x5x4					
91	Box Culvert							133+125	1x5x3					
92	Box Culvert							133+363	1x3x3					
93	Box Culvert							133+712	1x3x3					
94	Box Culvert							133+885	1x3x3					
95	Box Culvert							134+400	1x2x2					

MNB

S. No	TYPE OF STRUCTURE	Super Structure	Sub Structure	Foundation	PCC	Excavation	Final Location of Structure	Span Arrangement	Excavation	PCC	Foundation	Sub Structure	Super Structure	
		LHS								RHS				
1	MNB						90+028	5x6						
2	MNB						93+784	3x6.7						
3	MNB						94+220	6x6.7						
4	MNB						94+605	5x6						
5	MNB						98+600	3x6.7						
6	MNB						99+345	2x5						
7	MNB						99+592	6x6.7						
8	MNB						100+750	6x6.7						
9	MNB						101+000	6X6.7						

10	MNB						104+086	6x6.7						
11	MNB						104+251	3x6.7						
12	MNB						105+097	5x6						
13	MNB						107+929	2X5						
14	MNB						108+513	2X5						
15	MNB						110+659	2X5						
16	MNB						111+554	5X6						
17	MNB						113+409	6X6.7						
18	MNB						114+730	3X6.7						
19	MNB						116+157	3X6.7						
20	MNB						116+595	3X6.7						
21	MNB						118+074	2x5						
22	MNB						118+320	2X5						
23	MNB						119+346	2X5						
24	MNB						119+734	2X5						
25	MNB						120+682	6x6.7						
26	MNB						121+620	3x6.7						
27	MNB						123+020	3x6.7						
28	MNB						125+305	2x5						
29	MNB						125+447	2X5						
30	MNB						130+147	2X5						
31	MNB						131+662	2X5						
32	MNB						133+285	2x5						

Underpass													
S.No	TYPE OF STRUCTURE	Super Structure	Sub Structure	Foundation	PCC	Excavation	Final Location of Structure	Span Arrangement	Excavation	PCC	Foundation	Sub Structure	Super Structure
LHS							RHS						
1	VUP						95+058	2x12.0x5.5					
2	LVUP						104+653	1X12.0X4.0					
3	SVUP						110+841	1X7.0X4.0					
4	LVUP						114+901	1X12.0X4.0					
5	SVUP						119+903	1X7.0X4.0					

6	SVUP						126+818	1X7.0X4.0					
7	LVUP						127+512	1X12.0X4.0					
8	VUP						134+119	1X12X5.5					

MJB													
S.No	TYPE OF STRUCTURE	Super Structure	Sub Structure	Foundation	PCC	Excavation	Final Location of Structure	Span Arrangement	Excavation	PCC	Foundation	Sub Structure	Super Structure
		LHS							RHS				
1	MJB						113+817	10x7.5					
2	MJB						130+817	12x6.0					

12. PROGRESS REPORT

- HIGHWAYS: -**

SI No	Description	Total (Km)	Completed (Km)	Balance (Km)	% Of Completion
1	Sub-grade	88.902	86.674	2.228	97.49%
2	GSB	88.362	84.16	4.202	95.24%
3	WMM 1st Layer with Geogrid	88.362	82.8	5.562	93.71%
4	AI (WMM)	88.362	79.72	8.642	90.22%
5	DBM	88.362	79.266	9.096	89.71%
6	BC	88.362	0	88.362	0.00%

- STRUCTURE: -**

SI No	Description	Total (Nos)	Completed (Nos)	In Progress (Nos)	Balance (Nos)
1	Box Culvert	190	190	0	0
2	MNB	32	31	1	0
3	MJB	2	1.5	0.5	0
4	SVUP	3	3	0	0
5	LVUP	3	2	1	0
6	VUP	2	2	0	0

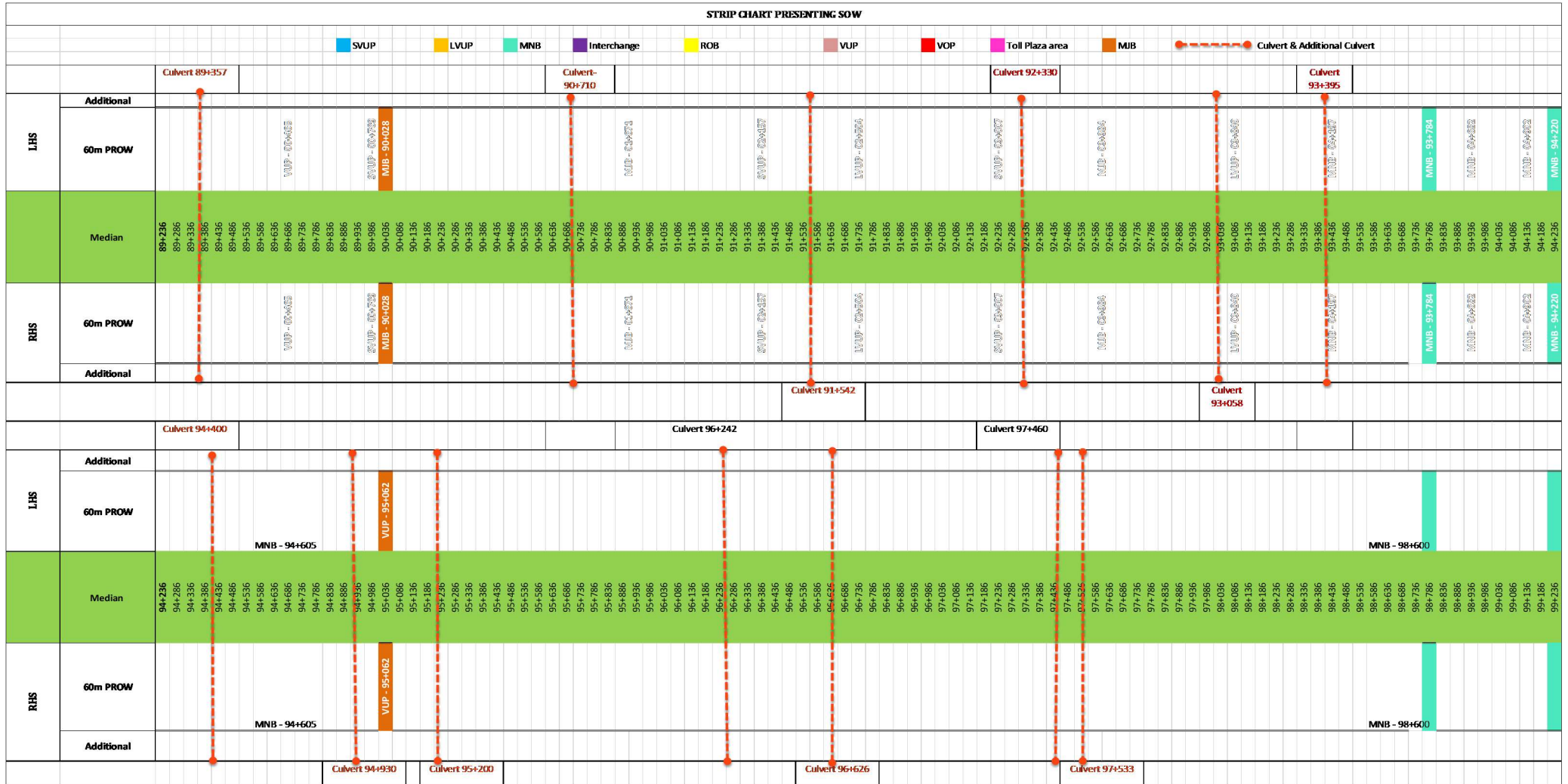
- CONSTRUCTION PROGRESS IN CURRENT MONTH: -**

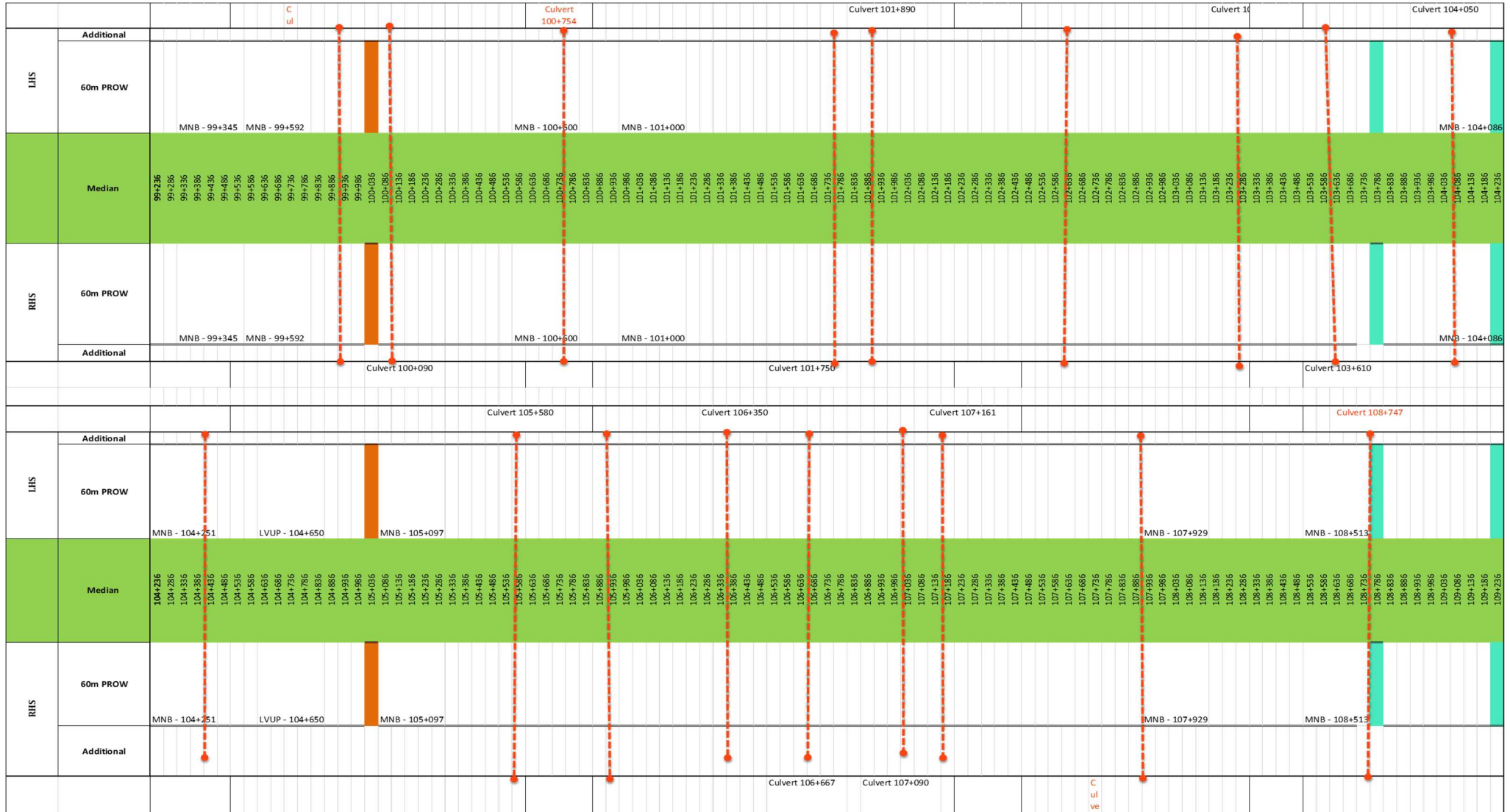
SI No	Description	Up to previous month as per Schedule	Up to previous month Achieved	This month as per Schedule	This month Achieved	Cumulative as per Schedule	Cumulative Achieved
1	Physical Progress	93.73%	75.11%	2.08%	10.01%	95.81	85.11%
2	Expenditure (In Cr)	560.48	449.16	12.17	59.86	572.95	509.02

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

- Issues: -**

• Detailed Strip Plan:-





LHS	Additional	Culvert 109+680										Culvert 110+448								Culvert 111+730								Culvert 112+		Culvert		Culvert																																																																					
	60m PROW	MNB - 110+659										MNB - 111+554								MNB - 113+409		MNB - 113+817																																																																															
Median	109+286	109+286	109+336	109+386	109+436	109+486	109+536	109+586	109+636	109+686	109+736	109+786	109+836	109+886	109+936	109+986	110+036	110+086	110+136	110+186	110+236	110+286	110+336	110+386	110+436	110+486	110+536	110+586	110+636	110+686	110+736	110+786	110+836	110+886	110+936	110+986	111+036	111+086	111+136	111+186	111+236	111+286	111+336	111+386	111+436	111+486	111+536	111+586	111+636	111+686	111+736	111+786	111+836	111+886	111+936	111+986	112+036	112+086	112+136	112+186	112+236	112+286	112+336	112+386	112+436	112+486	112+536	112+586	112+636	112+686	112+736	112+786	112+836	112+886	112+936	112+986	113+036	113+086	113+136	113+186	113+236	113+286	113+336	113+386	113+436	113+486	113+536	113+586	113+636	113+686	113+736	113+786	113+836	113+886	113+936	113+986	114+036	114+086	114+136	114+186	114+236
RHS	60m PROW	MNB - 110+659										MNB - 111+554								MNB - 113+409		MNB - 113+817																																																																															
Additional		Culvert 111+098										Culvert 111+940		Culvert 112+300		Culvert 112+600		Culvert 114+043																																																																																			
LHS	Additional	Culvert 115+250										Culvert 116+530								Culvert 118+		Culvert 119+000																																																																															
	60m PROW	LVUP - 114+301										MNB - 116+534								MNB - 116+534		MNB - 116+534																																																																															
Median	114+236	114+286	114+336	114+386	114+436	114+486	114+536	114+586	114+636	114+686	114+736	114+786	114+836	114+886	114+936	114+986	115+036	115+086	115+136	115+186	115+236	115+286	115+336	115+386	115+436	115+486	115+536	115+586	115+636	115+686	115+736	115+786	115+836	115+886	115+936	115+986	116+036	116+086	116+136	116+186	116+236	116+286	116+336	116+386	116+436	116+486	116+536	116+586	116+636	116+686	116+736	116+786	116+836	116+886	116+936	116+986	117+036	117+086	117+136	117+186	117+236	117+286	117+336	117+386	117+436	117+486	117+536	117+586	117+636	117+686	117+736	117+786	117+836	117+886	117+936	117+986	118+036	118+086	118+136	118+186	118+236	118+286	118+336	118+386	118+436	118+486	118+536	118+586	118+636	118+686	118+736	118+786	118+836	118+886	118+936	118+986	119+036	119+086	119+136	119+186	119+236
RHS	60m PROW	MNB - 116+534										MNB - 116+534								MNB - 116+534		MNB - 116+534																																																																															
Additional		Culvert 115+141										Culvert 116+750		Culvert 118+		Culvert 118+ C																																																																																					

		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+6																				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+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	124+036	124+086	124+136	124+186	124+236																																																												
RHS	60m PROW																																																																																																																																																															
	Additional	MNB - 119+346																				MNB - 11 SVUP - 119+903																				MNB - 120+6																				MNB - 121+620																				MNB - 123+020																																																																														
																						Culvert																				121+017																				121+311																																								Culvert																																																										
		Culvert 124+085																																								Culvert																				Culvert 126+170																				Culvert 126+561																																								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	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																																									
RHS	60m PROW																																																																																																																																																															
	Additional	Culvert 124+777																				Culvert 125+304																				SVUP - 12																				Culvert 126+388																				Culvert 126+828																				ROB - 127+207																				LVI																				Culvert 128+950																		

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

13. LAND ACQUISITION AND CLEARANCE

Description	Land (Km)	Remark
Total Land Required	46.115	
Available Land Till 29.02.2024 (LHS)	45.795	
Available Land Till 29.02.2024 (RHS)	45.795	
Unavailable Land Till 29.02.2024 (LHS)	0.320	
Unavailable Land Till 29.02.2024 (RHS)	0.320	

Si. No.	Chainage		Effected Length (M)	Remark
	From	To		
1	101+150	101+200	50	Collector level pending
2	127+000	127+010	10	SDM Garoth
3	127+550	127+600	50	SDM Garoth
4	128+620	128+680	60	Approval pending NHAI UJJAIN
5	132+300	132+350	50	SDM Garoth
6	133+500	133+550	50	Approval pending NHAI UJJAIN
7	95+000	95+050	50	Payment Pending
Total Length			320	

14. PHYSICAL PROGRESS

PHYSICAL PROGRESS AS ON 31.03.2024						
Item Description	Unit	Scope of Work		Work done (Physical Progress)		Remarks
		Quantity	%	Quantity	%	
(1) Earthwork up to top of the sub-grade	L-Km	88.902	15.680%	86.674	15.29%	
(2) Granular work (sub-base, base, shoulders)						
(a) CTSB/GSB	L-Km	88.362	5.700%	84.16	5.43%	
(b-1) WMM 1st Layer with Triaxial Geogrid Reinforced Material	L-Km	88.362	4.000%	82.8	4.73%	
(b-2) WMM Top Layer	L-Km	88.362	2.200%	79.72	1.13%	
(3) Shoulders	L-Km	88.362	0.060%	78.021	0.05%	
(4) Bituminous work				0		
(a) DBM	L-Km	88.362	6.390%	79.266	5.73%	
(b) BC	L-Km	88.362	4.540%	0	0.00%	
C- New culverts, minor bridges, underpasses, over passes on existing road, realignments, bypasses:						
(1) Culverts	No.	190.00	7.810%	190	7.81%	
(2) Minor bridges				0		
(a) Foundation	No.	32.00	5.52%	32	5.52%	
(b) Sub-structure	No.	32.00	4.80%	32	4.80%	
(c) Super-structure (including crash barriers etc. complete)	No.	32.00	4.81%	31	4.66%	
(5) Grade separated structures						
(a) Underpasses						
(i) Foundation	No.	8.00	0.050%	8	0.05%	
(ii) Sub-structure	No.	8.00	1.740%	7	1.52%	
(iii) Super-structure (including crash barriers etc. Complete)	No.	8.00	0.170%	7	0.15%	
C- New Major Bridges						
(1) Foundation	No.	2.00	1.510%	2	1.51%	
(2) Sub-structure	No.	2.00	0.420%	1.75	0.37%	
(3) Super-structure (including crash barriers etc. complete)						
(i) Super Structure - Box	No.					
(ii) Casting of Girders (40%)	No.	2.00	0.576%	1.5	0.43%	
(iii) Girder Erection & Deck Slab (60%)	No.	2.00	0.864%	1.5	0.65%	
D - New rail-road bridges (a) ROB						
(1) Foundation	No.	1.00	0.570%	1	0.57%	
(2) Sub-structure	No.	1.00	0.330%	1	0.33%	

(3) Super-structure (including crash barriers etc. Complete		1.00		1	0.00%	
(i) Casting of Pre-Cast Girder (40%)	No.	1.00	0.590%	1	0.59%	
(ii) Remaining work of Super Structure including crash barriers etc. (60%)	No.	1.00	0.880%	0	0.00%	
(4) Reinforced Earth Wall (Includes Approaches of ROB, Underpasses, Overpasses, Flyover etc.)						
(i) Casting of RE Wall RCC Blocks (5%)	Sqm.	19,877.00	0.173%	18,977.50	0.17%	
(ii) Completion of RE Wall Erection (including RCC crash barriers with Friction Slab etc. Complete	Sqm.	19,877.00	3.290%	17,923.69	3.13%	
Other Works						
(i) Service roads/ Slip Roads	km	2,708.00	0.850%	2708	0.85%	
(ii) (a) Main Toll Plaza						
a. Completion of PQC (30%)	No.	1.00	0.465%	1	0.47%	
b. Completion of Building Works (30%)	No.	1.00	0.465%	1	0.47%	
c. Completion of all finishing works including building and toll Plaza & Fixing of equipment's (40%)	No.	1.00	0.620%	0.8	0.50%	
(ii) (b) Toll Plaza on Entry & Exit Ramp						
a. Compilation of PQC (30%)	No.	4.00	0.882%	4	0.88%	
b. Compilation of Building Works (30%)	No.	4.00	0.882%	4	0.88%	
c. Compilation of all finishing works including building and toll Plaza & Fixing of equipment's (40%)	No.	4.00	1.176%	1.8	0.53%	
(iii) Road Side Drain (Unlined)	km	88.90	0.340%	60.14	0.23%	
(iv) Road signs, marking, Km stones, Safety Devices						
(iv) (a) Road signs, marking, Km stones etc.	km	88.90	1.940%	38	0.83%	
(iv) (b) Concrete Crash Barrier/ W-Beam Crash Barrier in Road work	km	151.50	9.490%	135.97	8.52%	
(iv) (c) Steel Railing	km	5.57	0.080%	2.10	0.08%	
(v) Project Facilities						
(v) (a) Bus Shelter	No.	4.00	0.020%	0	0.00%	
(v) (c) Truck Lay Bye cum Rest area	No.	1.00	0.920%	0	0.00%	

(v) (d) Electrification (Highway Lighting including lighting provisions at MCW, Slip Road, Service Road, Bus Bays, Truck Lay Bys, Junctions etc. as per Schedule-B, C & D. Nos. shall be finalized after finalization of lighting Plan & Design)	km	46.10	0.510%	0	0.00%	
(v) (e) Toilet Block	No.	22.00	0.210%	14	0.21%	
(vii) Road side/Median plantation	No.	36,880.00	0.840%	0	0.00%	
(vii) Protection Works				0		
(viii) (a) Boulder Pitching on slopes	km	0.83	0.150%	0.4455	0.08%	
(viii) (b) Toe Wall/Retaining wall/Boundary Wall	km	2.60	0.110%	2.07	0.09%	
(viii) (c) River Training Work	km	0.83	0.160%	0.825	0.16%	
(x) Miscellaneous Works				0		
(x) (c) Connecting Road	km	3.30	0.430%	2.5875	0.34%	
(x) (d) Tree Cutting	km	88.90	0.020%	88.902	0.02%	
(x) (e) (a) Major Junction	No.	2.00	0.220%	1	0.11%	
(x) (e) (b) Minor Junction	No.	16.00	0.180%	8	0.09%	
(x) (f) Rain Water Harvesting System	No.	92.00	0.210%	66	0.21%	
(x) (h) ATMS	km	46.10	2.020%	23.05	1.01%	
(x) (i) Pathway	km	4.50	0.270%	3.77	0.23%	
(x) (j) Utility Shifting	km	46.10	3.867%	45.9	3.73%	
Upto date Physical Progress=					85.119%	509.01
Since Previous Progress=					75.1%	449.16
This Month Progress=					10.01%	59.86

15. CORRESPONDENCE

• Details of Incoming Letters - IE

S. No	Letter No.	Date	Subject
1	LNMIPPL/PD/NHAI/Ujjain-Garoth/2023-24/1288/U-G-3	10.04.2024	1288.Reg Comments for Grievance on CM portal Morth.E.2024. 0004218.
2	LNMIPPL/Ujjain-Garoth/2023-24/1289/U-G-4	12.04.2024	1289.Regarding Submission of Final Design Stage Audit Report-2.
3	LNMIPPL/Ujjain-Garoth/2023-24/1291/U-G-4	15.04.2024	1291. Reg. Major Bridge at ch. 89+186 A2 Side (1)
4	LNMIPPL/PD/NHAI/Ujjain-Garoth/2023-24/1292/U-G-3	15.04.2024	1292. Reg.CM Helpline Complaint No.26215866 Dated 27.02.2024
5	LNMIPPL/Ujjain-Garoth/2023-24/1303/U-G-4	19.04.2024	1303. Regarding Submission of Miscellaneous details of launching Scheme.
6	LNMIPPL/PD/NHAI/Ujjain-Garoth/2023-24/1304/U-G-3	22.04.2024	1304. Reg. Reply of PG
7	LNMIPPL/Ujjain-Garoth/2023-24/1306/U-G-4	24.04.2024	1306. Reg. At ch. 134+000 to 135+000 LHS NCR 24 (1)
8	LNMIPPL/Ujjain-Garoth/2023-24/1309/U-G-4	24.04.2024	1309. Reg. Monthly Joint Site Inspection for the Month of April 2024 as per Clause 13.2, Article 13 of the Concession Agreement
9	LNMIPPL/PD/NHAI/Ujjain-Garoth/2023-24/1315/U-G-3	25.04.2024	Letter no. 1315 शामगढ़ सुवासरा सूक्ष्म सिंचाई परियोजना की क्षतिग्रस्त पाइप लाइन को पुनः स्थापित एवं मरम्मत करने बाबत।
10	LNMIPPL/PD/NHAI/Ujjain-Garoth/2023-24/1319/U-G-3	29.04.2024	Letter no. 1319 श्री नीरज यादव (समाजसेवी, पर्यावरणविद) द्वारा मांगी गयी जानकारी बाबत (पत्र क्र. 958 RTI) compressed

• Details of Incoming Letters – NHAI

S. No	Letter No.	Date	Subject
1.	LNMIPPL/PD/NHAI/Ujjain-Garoth/2023-24/1271/U-G-3	04.04.2024	1271.Reg. Compliance of observations raised by NHAI HQ for at ch.109+670 VUP (under COS)
2.	LNMIPPL/PD/NHAI/Ujjain-Garoth/2023-24/1288/U-G-3	10.04.2024	1288.Reg Comments for Grievance on CM portal Morth.E.2024. 0004218.
3.	LNMIPPL/Ujjain-Garoth/2023-24/1289/U-G-4	12.04.2024	1289.Regarding Submission of Final Design Stage Audit Report-2.
4.	LNMIPPL/Ujjain-Garoth/2023-24/1291/U-G-4	15.04.2024	1291. Reg. Major Bridge at ch. 89+186 A2 Side (1)
5.	LNMIPPL/PD/NHAI/Ujjain-Garoth/2023-24/1292/U-G-3	15.04.2024	1292. Reg.CM Helpline Complaint No.26215866 Dated 27.02.2024
6.	LNMIPPL/Ujjain-Garoth/2023-24/1303/U-G-4	19.04.2024	1303. Regarding Submission of Miscellaneous details of launching Scheme.
7.	LNMIPPL/PD/NHAI/Ujjain-Garoth/2023-24/1304/U-G-3	22.04.2024	1304. Reg. Reply of PG
8.	LNMIPPL/Ujjain-Garoth/2023-24/1306/U-G-4	24.04.2024	1306. Reg. At ch. 134+000 to 135+000 LHS NCR 24 (1)
9.	LNMIPPL/Ujjain-Garoth/2023-24/1309/U-G-4	24.04.2024	1309. Reg. Monthly Joint Site Inspection for the Month of April 2024 as per Clause 13.2, Article 13 of the Concession Agreement
10.	LNMIPPL/PD/NHAI/Ujjain-Garoth/2023-24/1315/U-G-3	25.04.2024	Letter no. 1315 शामगढ़ सुवासरा सूक्ष्म सिंचाई परियोजना की क्षतिग्रस्त पाइप लाइन को पुनः स्थापित एवं मरम्मत करने बाबत।

11.	LNMIPPL/PD/NHAI/Ujjain-Garoth/2023-24/1319/U-G-3	29.04.2024	Letter no. 1319 श्री नीरज यादव (समाजसेवी, पर्यावरणविद) द्वारा मांगी गयी जानकारी बावत (पत्र क्र. 958 RTI) compressed
12.	LNMIPPL/PD/NHAI/Ujjain-Garoth/2023-24/1271/U-G-3	04.04.2024	1271.Reg. Compliance of observations raised by NHAI HQ for at ch.109+670 VUP (under COS)
13.	LNMIPPL/PD/NHAI/Ujjain-Garoth/2023-24/1288/U-G-3	10.04.2024	1288.Reg Comments for Grievance on CM portal Morth.E.2024. 0004218.
14.	LNMIPPL/Ujjain-Garoth/2023-24/1289/U-G-4	12.04.2024	1289.Regarding Submission of Final Design Stage Audit Report-2.

• **Details of Outgoing Letters**

S. No	Letter No.	Date	Description
1	MKC UGMH Pvt.Ltd./2023-24/630	03.04.2024	Request for Jointly Factory Visit for Elastomeric Bearing (DEGC International).
2	MKC UGMH Pvt.Ltd./2023-24/634	07.04.2024	Submission of Monthly Progress Report.
3	MKC UGMH Pvt.Ltd./2023-24/635	07.04.2024	Submission of Drone Videography Month of March - 2024.
4	MKC UGMH Pvt.Ltd./2023-24/636	08.04.2024	Regarding Authorization of Energy Solution Pvt Ltd for EHV Shifting Line Project.
5	MKC UGMH Pvt.Ltd./2023-24/637	08.04.2024	Comments for Grievance on CM Portal MORTHE20240004218.
6	MKC UGMH Pvt.Ltd./2023-24/639	12.04.2024	Regd. Submission of De-Scope Proposal of Way Site Amenity (Truck Lay Bay cum Rest area) at Km 99+100-LHS.
7	MKC UGMH Pvt.Ltd./2023-24/642	18.04.2024	Regd.-Submission of Miscellaneous Details of Launching Scheme.
8	MKC UGMH Pvt.Ltd./2023-24/645	22.04.2024	Regd. Providing Demand note for damage Four Lane Highway.

16. NCR/SITE INSTRUCTION STATUS

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

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

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

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

21	LNMIPL/Ujjain-Garoth/2022-23/677/U-G-3	At Chainage – 110+863 (SVUP) It has been observed that IE Reviewed drawing show RE Wall in approach but you have executing RCC retaining wall in a limited section	03.08.2023	MKC Ujjain-Garoth Mahakaleshwar Highway PVT.LTD. /2022-23/497	16.12.2023	LNMIPL/Ujjain-Garoth/2022-23/973/U-G-3	19.12.2023	Closed	
22	LNMIPL/Ujjain-Garoth/2022-23/687/U-G-3	At Chainage - 125+281 (MNB) Raft Casting done without IE Reviewed drawing	07.08.2023	MKC Ujjain-Garoth Mahakaleshwar Highway PVT.LTD. /2023-24/564	06.02.2024	LNMIPL/Ujjain-Garoth/2022-23/1092/U-G-3	07.02.2024	Closed	
23	LNMIPL/Ujjain-Garoth/2024-25/1083/U-G-3	Regarding At Chainage - 93+000 to 93+100 (RHS)	03.02.2024					Pending	
24	LNMIPL/Ujjain-Garoth/2024-25/1083/U-G-3	Regarding At Chainage - 134+000 to 135+000 (LHS)	24.04.2024					Pending	

17. WEATHER REPORT

Weather Report for the Month of April-2024

SL. NO.	DATE	TEMPERATURE °c		REL. HUMIDITY %		WEATHER	RAIN FALL (mm)	CUMM. RAIN FALL (mm)	REMARKS
		MIN.	MAX.	MIN.	MAX.				
1	1-Apr-2024	22.0	35.0	26	39	Sunny	0	0	
2	2-Apr-2024	21.0	36.0	24	40	Sunny	0	0	
3	3-Apr-2024	22.0	37.0	21	42	Sunny	0	0	
4	4-Apr-2024	26.0	38.0	24	40	Sunny	0	0	
5	5-Apr-2024	22.0	35.0	28	43	Sunny	0	0	
6	6-Apr-2024	27.0	36.0	26	41	Sunny	0	0	
7	7-Apr-2024	23.0	35.0	25	44	Sunny	0	0	
8	8-Apr-2024	24.0	36.0	24	47	Sunny	0	0	
9	9-Apr-2024	22.0	36.0	22	42	Sunny	0	0	
10	10-Apr-2024	18.0	34.0	20	44	Rainy	6	6	
11	11-Apr-2024	19.0	35.0	19	36	Cloudy	3	9	
12	12-Apr-2024	22.0	36.0	28	39	Sunny	0	9	
13	13-Apr-2024	24.0	35.0	25	39	Sunny	0	9	
14	14-Apr-2024	25.0	37.0	27	42	Sunny	0	9	
15	15-Apr-2024	22.0	31.0	29	41	Sunny	0	9	
16	16-Apr-2024	25.0	39.0	32	42	Sunny	0	9	
17	17-Apr-2024	26.0	41.0	26	38	Sunny	0	9	
18	18-Apr-2024	26.0	41.0	29	40	Sunny	0	9	
19	19-Apr-2024	27.0	40.0	27	41	Sunny	0	9	
20	20-Apr-2024	28.0	40.0	25	37	Sunny	0	9	
21	21-Apr-2024	23.0	38.0	29	36	Sunny	0	9	
22	22-Apr-2024	23.0	39.0	22	32	Sunny	0	9	
23	23-Apr-2024	26.0	39.0	19	36	Sunny	0	9	
24	24-Apr-2024	27.0	40.0	20	38	Sunny	0	9	
25	25-Apr-2024	28.0	41.0	21	34	Sunny	0	9	
26	26-Apr-2024	25.0	38.0	21	32	Cloudy	5	14	
27	27-Apr-2024	25.0	40.0	18	29	Partly Sunny	0	14	
28	28-Apr-2024	25.0	39.0	17	26	Sunny	0	14	
29	29-Apr-2024	26.0	40.0	18	27	Sunny	0	14	
30	30-Apr-2024	24.0	41.0	13	24	Sunny	0	14	



18. QC REPORTS

Package - 3				Monthly Progress Report April - 2024															
Four Laning of Ujjain Garoth (Package – III) Suhagada to Bardiya Amra from Km 89+200 to Km 135+351 section of NH-148NG in the state of MP on Hybrid Annuity Mode.																			
Quality Control Test Report for APRIL -2024																			
S.No.	Name of test	Reference as per IS / MORTH	Frequency	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	210	210	0	0	0	0	210	210	0	64	0	64	0	13	0	13
1.2	Grain size analysis	IS : 2720 (P-4)	As Required	195	195	0	0	0	0	195	195	0	49	0	49	0	13	0	13
1.3	Atterberg's limits (LL & PI)	IS : 2720 (P-5)	As Required	195	195	0	0	0	0	195	195	0	49	0	49	0	13	0	13
1.4	Proctor test (MDD V/s OMC)	IS : 2720 (P-8)	As Required	195	195	0	0	0	0	195	195	0	49	0	49	0	13	0	13
1.5	4 days soaked CBR	IS : 2720 (P- 16)	As Required	13	13	0	0	0	0	13	13	0	13	0	13	0	0	0	0
2.0 Borrow Area Samples		MORTH-900																	
2.1	Free Swell Index (FSI)	IS : 2720 (P- 40)	2 tests / 3000 m ²	2602	2602	0	0	0	0	2602	2602	0	776	0	776	0	42	0	42
2.2	Grain size analysis	IS : 2720 (P-4)	2 tests / 3000 m ²	2602	2602	0	0	0	0	2602	2602	0	3776	0	3776	0	42	0	42
2.3	Atterberg's limits (LL & PI)	IS : 2720 (P-5)	2 tests / 3000 m ²	2602	2602	0	0	0	0	2602	2602	0	776	0	776	0	42	0	42
2.4	Proctor test (MDD V/s OMC)	IS : 2720 (P-8)	2 tests / 3000 m ²	2602	2602	0	0	0	0	2602	2602	0	776	0	776	0	42	0	42
2.5	4 days soaked CBR	IS : 2720 (P- 16)	1 test / 3000 m ²	1495	1495	0	0	0	0	1495	1495	0	484	0	484	0	42	0	42
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	14266	14266	0	6	6	0	14272	14272	0	2806	2	2808	33	0	0	0
3.2	Field density test on Emb.	IS : 2720 (P- 28)	1 set of tests / 3000 m ²	23038	23038	0	18	18	0	23056	23056	0	4426	4	4430	22	0	0	0
3.3	Field density test on Subgrade	IS : 2720 (P- 28)	1 set of tests / 2000 m ²	9934	9934	0	6	6	0	9940	9940	0	2071	2	2073	33	0	0	0
3.4	Field density test on GSB	"	1 test / 1000 m ²	2463	2463	0	6	6	0	2469	2469	0	566	2	568	33	0	0	0
3.5	Field density test on WMM	"	1 set of three / 1000 m ²	2228	2228	0	65	65	0	2293	2293	0	537	15	552	23	1	0	1
3.6	Field density test on Earthen Shoulder	"	1 set of tests / 2000 m ²	168	168	0	0	0	0	168	168	0	39	0	39	0	0	0	0
3.7	Field density test on Backfilling	"	1 set of 2 test / 300 m ²	6938	6932	6	420	420	0	7358	7352	6	1412	96	1508	23	0	0	0
3.8	Field density test on DLC	"	1 set of tests / 2000 m ²	0	0	0	6	6	0	6	6	0	0	2	2	0	0	0	0
4.0 Coarse Agg. for Concrete																			
4.1	Gradation	IS : 2386 (P-1)	1 test / day	494	494	0	30	30	0	524	524	0	207	7	214	23	0	0	0
4.2	Flakiness Index	IS : 2386 (P-1)	Weekly	74	74	0	4	4	0	78	78	0	33	1	34	25	0	0	0
4.3	Aggregate Impact Value	IS : 2386 (P-4)	Weekly	74	74	0	4	4	0	78	78	0	33	1	34	25	0	0	0
4.4	Specific Gravity	IS : 2386 (P-3)	Test/Source	2	2	0	0	0	0	2	2	0	1	0	1	0	0	0	0

Quality Control Test Report for APRIL -2024

S.No.	Name of test	Reference as per IS / MORTH	Frequency	Total Tests Conducted Up to Previous Month			No. of Tests Conducted during this Month			No. of Tests Conducted up to this Month			Test Witnessed by IE's Rep.				Test Witnessed by NHAI Rep.		
				Tested	Passed	Failed	Tested	Passed	Failed	Tested	Passed	Failed	Up to previous Month	During this Month	Total	%	Up to previous Month	During this Month	Total
4.5	Water Absorption	IS : 2386 (P-3)	Test/Source	2	2	0	0	0	0	2	2	0	1	0	1	0	0	0	0
4.6	Deleterious Content	IS : 2386 (P-1)	As Required	1	1	0	0	0	0	1	1	0	1	0	1	0	0	0	0
4.7	Moisture correction	IS : 2386 (P-3)	Per Day	494	494	0	30	30	0	524	524	0	207	7	214	23	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	494	494	0	30	30	0	524	524	0	207	7	214	23	0	0	0
5.2	Specific Gravity	IS : 2386 (P-3)	Test/Source	3	3	0	0	0	0	3	3	0	1	0	1	0	0	0	0
5.3	Water Absorption	IS : 2386 (P-3)	Test/Source	3	3	0	0	0	0	3	3	0	1	0	1	0	0	0	0
5.4	Deleterious Content (silt content)	IS : 2386 (P- 1&2)	As Required	73	73	0	0	0	0	73	73	0	33	0	33	0	0	0	0
5.5	Moisture correction	IS : 2386 (P-3)	Per Day	494	494	0	30	30	0	524	524	0	207	7	214	23	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(in sets)																			
For M 10 Grade																			
6.1	for 7 days	IS : 516	for 7 days	247	247	0	20	20	0	267	267	0	91	5	96	25	0	0	0
6.2	for 28 days	IS : 516	for 28 days	592	592	0	15	15	0	607	607	0	179	4	183	27	0	0	0
For M 15 Grade																			
6.3	for 7 days	IS : 516	for 7 days	47	47	0	0	0	0	47	47	0	30	0	30	0	0	0	0
6.4	for 28 days	IS : 516	for 28 days	47	47	0	5	5	0	52	52	0	33	1	34	20	0	0	0
For M 20																			
6.5	for 7 days	IS : 516	for 7 days	36	36	0	5	5	0	41	41	0	28	1	29	20	0	0	0
6.6	for 28 days	IS : 516	for 28 days	19	19	0	5	5	0	24	24	0	18	1	19	20	0	0	0
For M 25 Grade																			
6.7	for 7 days	IS : 516	for 7 days	409	409	0	20	20	0	429	429	0	128	5	133	25	0	0	0
6.8	for 28 days	IS : 516	for 28 days	830	830	0	10	10	0	840	840	0	216	2	218	20	0	0	0
For M 30 Grade																			
6.9	for 7 days	IS : 516	for 7 days	137	137	0	30	30	0	167	167	0	68	7	75	23	0	0	0
6.10	for 28 days	IS : 516	for 28 days	257	257	0	10	10	0	267	267	0	128	2	130	20	1	0	1

Quality Control Test Report for APRIL -2024																			
S.No.	Name of test	Reference as per IS / MORTH	Frequency	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
For M 35 Grade																			
6.11	for 7 days	IS : 516	for 7 days	318	318	0	5	5	0	323	323	0	140	1	141	20	1	0	1
6.12	for 28 days	IS : 516	for 28 days	885	885	0	5	5	0	890	890	0	480	1	481	20	0	0	0
For M 35 (Pile) Grade																			
6.11	for 7 days	IS : 516	for 7 days	44	44	0	0	0	0	44	44	0	31	0	31	0	0	0	0
6.12	for 28 days	IS : 516	for 28 days	72	72	0	0	0	0	72	72	0	49	0	49	0	0	0	0
For M 35 (RE-BLOCK) Grade																			
6.11	for 7 days	IS : 516	for 7 days	143	143	0	0	0	0	143	143	0	19	0	19	0	0	0	0
6.12	for 28 days	IS : 516	for 28 days	289	289	0	0	0	0	289	289	0	218	0	218	0	0	0	0
For M 40 Grade																			
6.12	for 7 days	IS : 516	for 7 days	80	80	0	5	5	0	85	85	0	54	1	55	20	0	0	0
6.13	for 28 days	IS : 516	for 28 days	67	67	0	5	5	0	72	72	0	51	1	52	20	0	0	0
For M 45 Grade																			
6.14	for 7 days	IS : 516	for 7 days	9	9	0	5	5	0	14	14	0	9	1	10	20	0	0	0
6.15	for 28 days	IS : 516	for 28 days	9	9	0	0	0	0	9	9	0	9	0	9	0	0	0	0
For DLC																			
6.16	for 7 days	IS : 516	for 7 days	3	3	0	0	0	0	3	3	0	3	0	3	0	0	0	0
For PQC CUBE																			
6.17	for 7 days	IS : 516	for 7 days	5	5	0	0	0	0	5	5	0	5	0	5	0	0	0	0
6.18	for 28 days	IS : 516	for 28 days	21	21	0	0	0	0	21	21	0	9	0	9	0	0	0	0
For PQC BEAM																			
6.19	for 7 days	IS : 516	for 7 days	5	5	0	0	0	0	5	5	0	5	0	5	0	0	0	0
6.20	for 28 days	IS : 516	for 28 days	21	21	0	0	0	0	21	21	0	9	0	9	0	0	0	0
7.0 Cement Tests																			
		MORTH 1000																	
7.1	Fineness of cement	IS : 4031 (P-1)	1 test / lot of cement	104	104	0	8	8	0	112	112	0	51	2	53	25	0	0	0
7.2	Normal consistency	IS : 4031 (P-4)	1 test / lot of cement	104	104	0	8	8	0	112	112	0	51	2	53	25	0	0	0
7.3	Initial, final setting times	IS : 4031 (P-5)	1 test / lot of cement	104	104	0	8	8	0	112	112	0	51	2	53	25	0	0	0
7.4	Soundness	IS : 4031 (P-3)	1 test / lot of cement	104	104	0	8	8	0	112	112	0	51	2	53	25	0	0	0
7.5	Compressive strength - 3 days	IS : 4031 (P-6)	for 3 days	87	87	0	10	10	0	97	97	0	43	2	45	20	0	0	0
	- 7 days	"	for 7 days	87	87	0	9	9	0	96	96	0	40	2	42	22	0	0	0
	- 28 days	"	for 28 days	96	96	0	9	9	0	105	105	0	42	2	44	22	0	0	0
7.6	Chemical properties	IS : 4031	Once per Source /	3	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0

Quality Control Test Report for APRIL -2024

S.No.	Name of test	Reference as per IS / MORTH	Frequency	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
9.0 Steel				MORTH 1000															
9.1	Physical Properties	IS : 1786		76	76	0	7	7	0	83	83	0	43	2	45	29	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		10	10	0	0	0	0	10	10	0	4	0	4	0	0	0	0
13.0 SUB-BASE (GSB)				MORTH 401															
13.1	Gradation	Table 400-2 (Grading-V)	1 Test /400 cu.m.	862	862	0	2	2	0	864	864	0	491	1	492	50	1	0	1
13.2	Atterberg's limits (LL & PI)	IS : 2720 (P-5)	1 Test /400 cu.m.	858	858	0	2	2	0	860	860	0	487	1	488	50	0	0	0
13.3	Proctor test (MDD V/s OMC)	IS : 2720 (P-8)	Test/Source	2	2	0	0	0	0	2	2	0	2	0	2	0	0	0	0
13.4	4 days soaked CBR	IS : 2720 (P- 16)	Test/Source	2	2	0	0	0	0	2	2	0	2	0	2	0	0	0	0
13.5	Water Absorption	IS : 2720 (P-3)	Test/Source	2	2	0	0	0	0	2	2	0	2	0	2	0	0	0	0
13.6	A.IV	IS : 2386 (P-4)	As Required	15	15	0	0	0	0	15	15	0	10	0	10	0	0	0	0
14.0 SUB-BASE / BASE (WMM)				MORTH 406															
14.1	Gradation	Table 400-12	1 test /200 m3	907	907	0	24	24	0	931	931	0	523	6	529	25	1	0	1
14.2	Atterberg's limits (LL & PI)	IS : 2720 (P-5)	1 test /200 m3	902	902	0	24	24	0	926	926	0	521	6	527	25	0	0	0
14.3	Proctor test (MDD V/s OMC)	IS : 2720 (P-8)		1	1	0	0	0	0	1	1	0	1	0	1	0	0	0	0
14.4	A.IV	IS : 2386 (P-4)	1 test /1000 m3	427	427	0	8	8	0	435	435	0	204	2	206	25	0	0	0
14.5	FI & EI	IS : 2386 (P-1)	1 test /500 m3	524	524	0	10	10	0	534	534	0	311	2	313	20	0	0	0
14.6	Water Absorption	IS : 2386 (P-3)	Test/Source	1	1	0	0	0	0	1	1	0	1	0	1	0	0	0	0
14.7	Soundness	IS : 2386 (P-3)	Test/Source	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15. Bitumen VG-40/PMB																			
15.1	Specific Gravity at 270C	IS : 2380 (P-4)	As required	15	15	0	0	0	0	15	15	0	6	0	6	0	0	0	0
15.2	Softening Point(oc)	IS : 1205	1 test per Lot	117	117	0	2	2	0	119	119	0	59	1	60	50	0	0	0
15.3	Penetration at 250c 100gm 5	IS : 1203	1 test per Lot	113	113	0	2	2	0	115	115	0	57	1	58	50	0	0	0
15.4	Ductility at 270c	IS : 1208	As Required	108	108	0	2	2	0	110	110	0	57	1	58	50	0	0	0
15.5	Viscosity at 60a/1350C	IS : 1206	As required	117	117	0	2	2	0	119	119	0	59	1	60	50	0	0	0
16. Emulsion				MORTH 503															
16.1	RS 1 (Saybolt viscosity)	IS : 8887	Per Lot	12	12	0	2	2	0	14	14	0	9	1	10	50	0	0	0
16.2	SS 1 (Saybolt viscosity)	IS : 8887	Per Lot	4	4	0	1	1	0	5	5	0	2	0	2	0	0	0	0
17.0 RATE OF SPRAY				MORTH 503															
17.1	Prime coat	As per MORTH	3 test / day	460	460	0	12	12	0	472	472	0	224	3	227	25	22	0	22
17.2	Tack Coat	As per MORTH	3 test / day	424	424	0	12	12	0	436	436	0	216	3	219	25	0	0	0



Quality Control Test Report for APRIL -2024

S.No.	Name of test	Reference as per IS / MORTH	Frequency	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 NHAAL 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
18.0 DENSE BITUMINOUS MACADAM GRADING- 2			MORTH 505																
18.1	Binder Content	As per MORTH	1 test / 400 Tonne Mix	254	254	0	14	14	0	268	268	0	110	3	113	21	0	0	0
18.2	Combined Gradation	As per MORTH	1 test / 400 Tonne Mix	260	260	0	14	14	0	274	274	0	116	3	119	21	0	0	0
18.3	Marshall Test (in Sets)	ASTM D 1559	1 test / 400 Tonne Mix	344	344	0	14	14	0	358	358	0	132	3	135	21	0	0	0
18.4	A.LV	IS : 2386 (P-4)	1 test / 350 m3 of Agg.	130	130	0	7	7	0	137	137	0	61	2	63	29	0	0	0
18.5	FI & EI	IS : 2386 (P-1)	1 test / 350 m3 of Agg.	130	130	0	7	7	0	137	137	0	61	2	63	29	0	0	0
18.6	Water Absorption & Specific	IS : 2386 (P-3)	Test/Source	4	4	0	0	0	0	4	4	0	4	0	4	0	0	0	0
18.7	Stripping Value	IS : 6241	Test/Source	1	1	0	0	0	0	1	1	0	1	0	1	0	0	0	0
18.8	Core Density Test	As Per Morth	1 test / 700 sqm.	782	782	0	18	18	0	800	800	0	407	4	411	22	5	0	5
Total				87105	87099	6	1046	1046	0	88151	88145	6	26124	248	26372		294	0	294

Total Tests Conducted this Month	1046
Total Tests Witnessed by IE's this Month	248
Total Test Witnessed by IE's in % this Month	23.71%

Total Tests Conducted this Month	1046
Total Tests Witnessed by NHAAL this Month	0
Total Test Witnessed by NHAAL in % this Month	0.00%

Concessionaire's Representative

Independent Engineer's Representative

19. SITE PHOTOGRAPHS



ROB RE BLOCK Rolling work in progress A2 Side



Toilet Block Completed



113+100 Toll Plaza



BC laying work in progress at Ch 101230 LHS