



Monthly Progress Report -MAY 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

**MAY-2024**



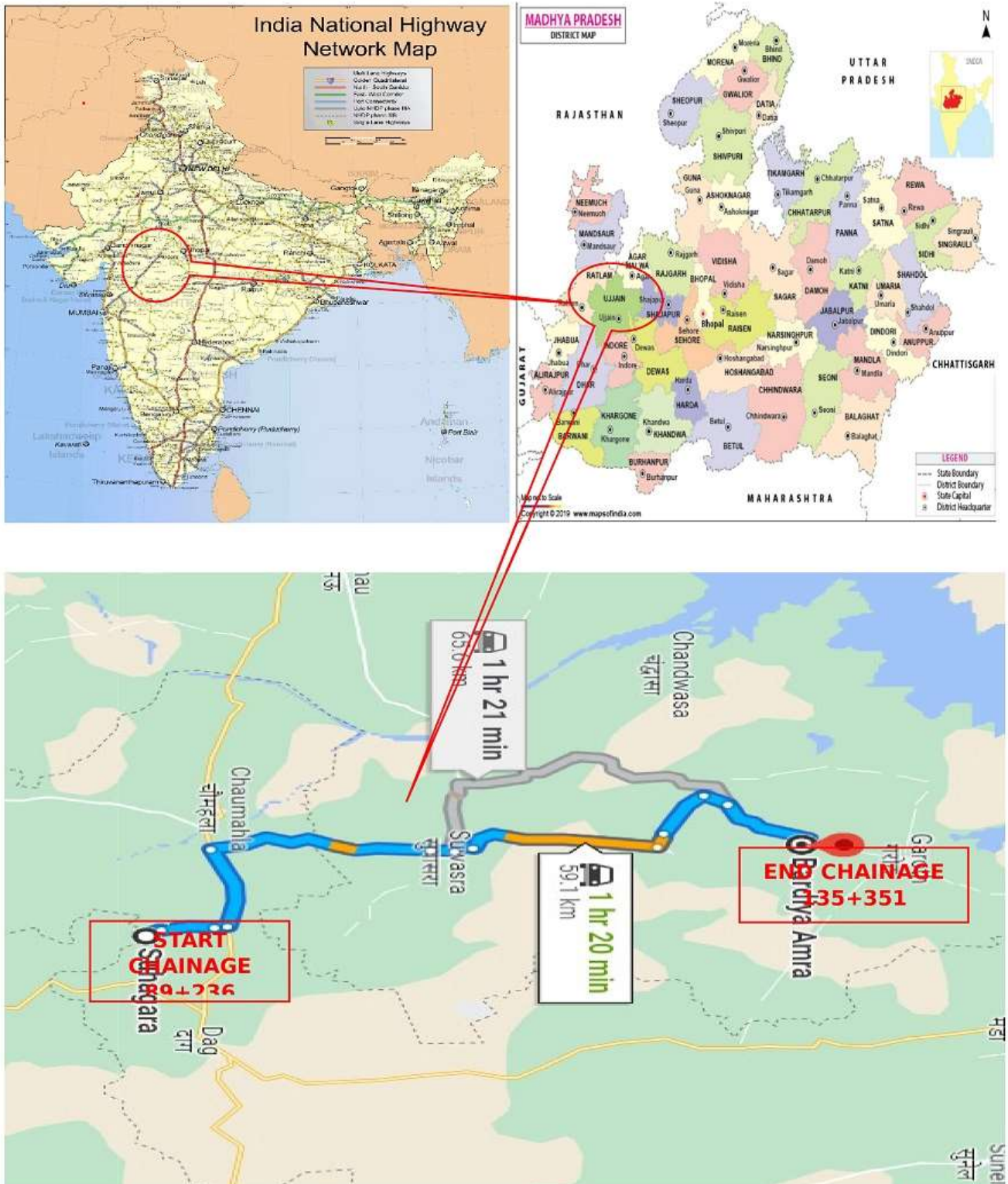
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## 1. SALIENT FEATURES OF THE PROJECT

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

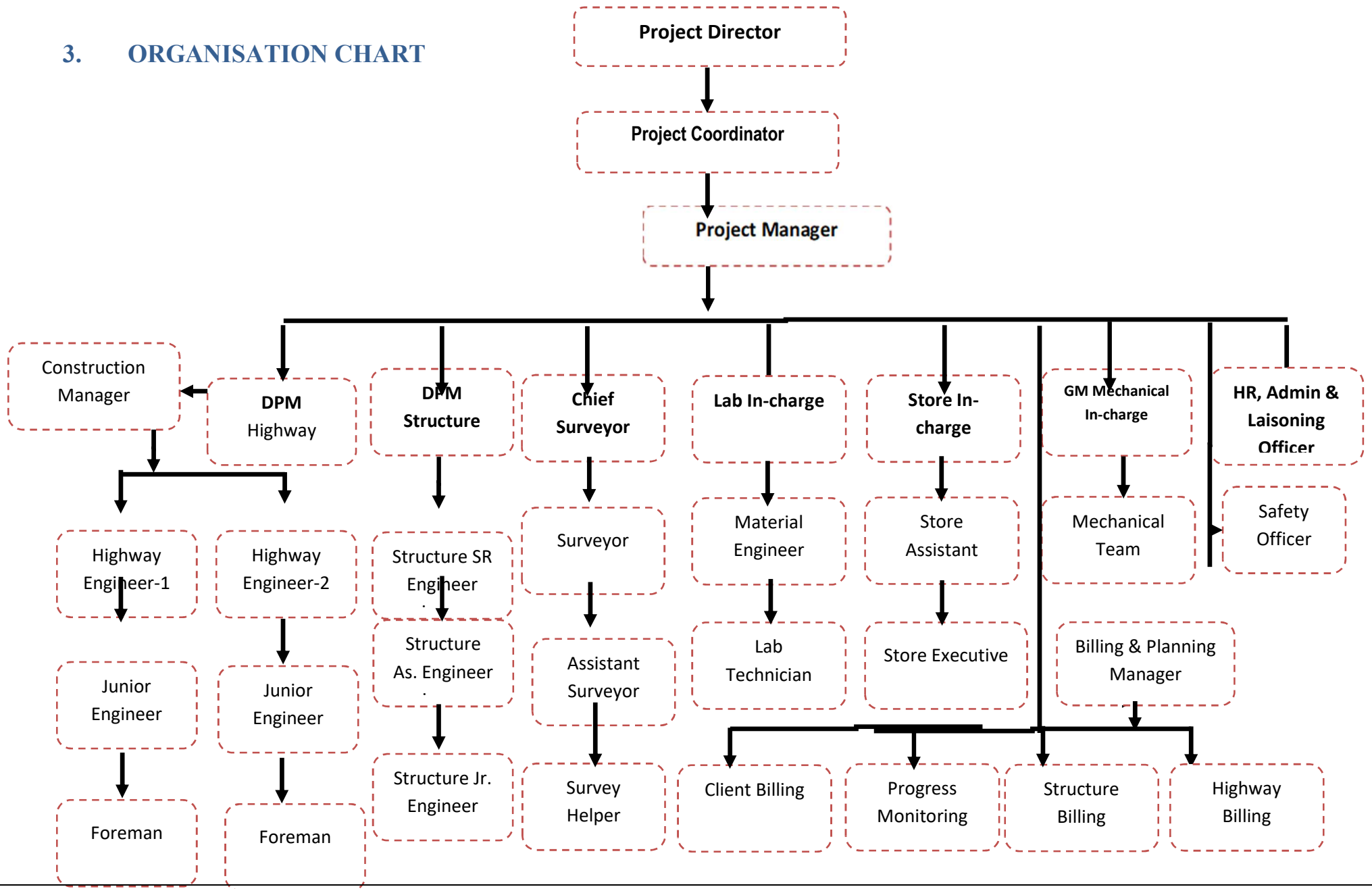
## 2. LOCATION PLAN



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	0.220				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	Completed	
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	Completed	
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 <sup>rd</sup> Days	20%	27-02-2023	Achieved as per Milestone C. A. Dated 31-03-2023
2	Milestone-II	300 <sup>th</sup> Days	35%	13-08-2023	Achieved as per Milestone C. A. Dated 16-08-2023
3	Milestone-III	404 <sup>th</sup> Days	75%	25-11-2023	1. Achieved 22.02.2024 as per the availability of land after 122 days from AD
4	Schedule Completion	610 <sup>th</sup> Days	100%	18-06-2024	In Progress

## 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	
<b>Total</b>			<b>316</b>	

## 8. MOBILISATION OF MANPOWER

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

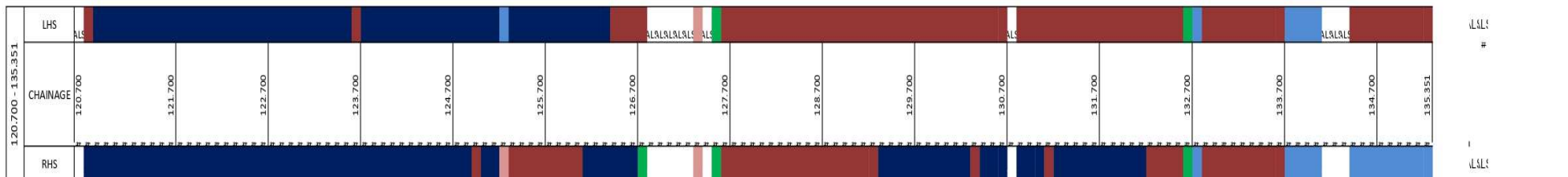
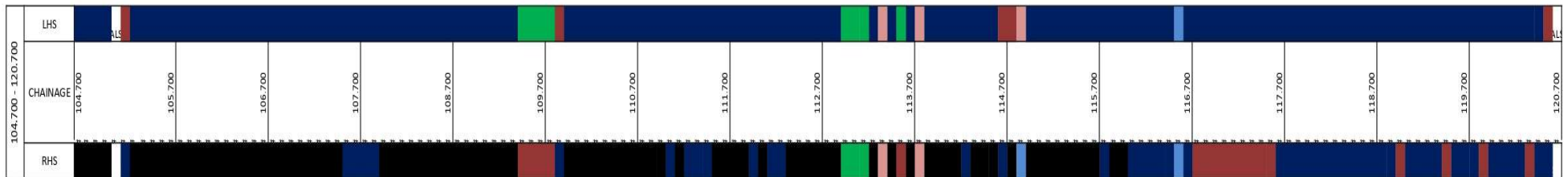
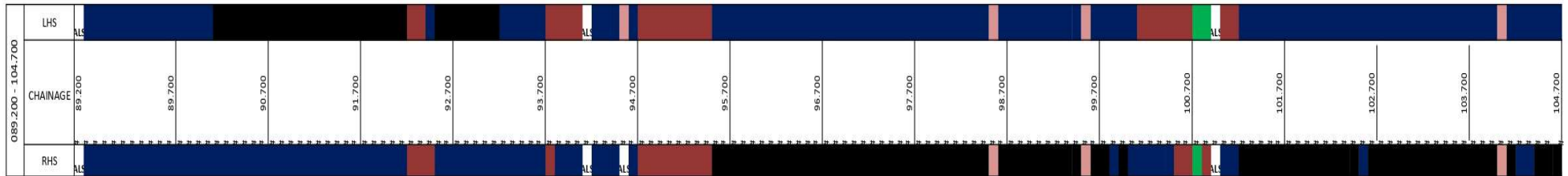


30	Executives/Jr. Executives	13	
<b>Plant &amp; Equipment</b>			
31	Mr. Krutibasa Sahoo (Manager)	1	
32	Senior Engineer	1	
33	Engineer	1	
34	Supervisor	3	
35	Foreman/Mechanic/Electrician/GET	10	
<b>Total</b>		<b>99</b>	



### 9. HIGHWAY STRIP CHART

**MKC UJJAIN GAROTH MAHAKALESHWAR**  
SUHAGADA TO BARDIYA AMRA SECTION OF NH-752-D  
PACKAGE- III (KM 89.200 - 135.351)



C & G
  SUB-GRADE
  GSB
  WMM
  DBM
  BC

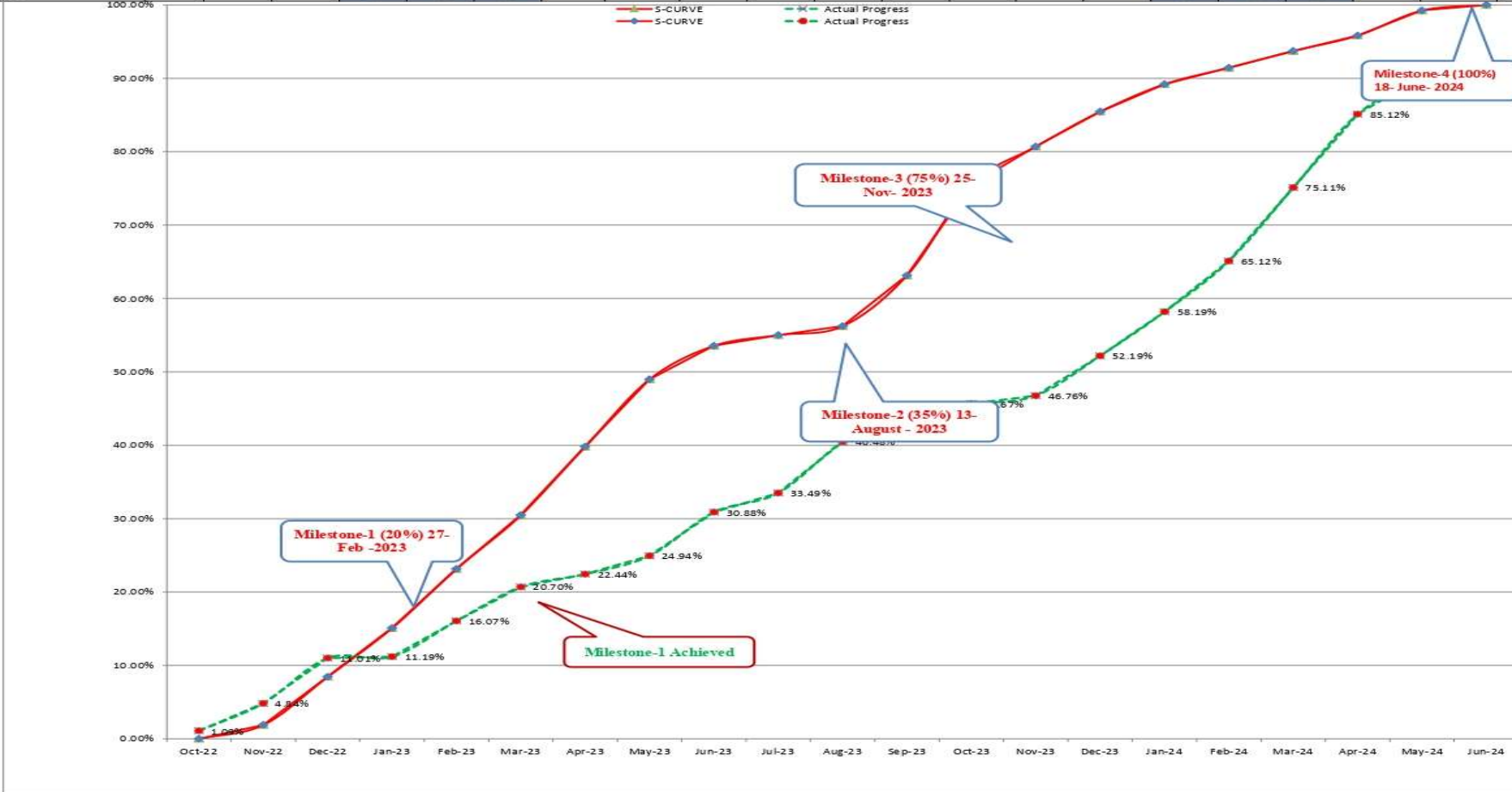


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### 10. S-Curve:-

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%	5.13%	
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%	90.25%	

## 11. STRUCTURE STRIP CHART

BOX CULVERT													
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. 1	Box Culvert						89+357	1x3x3					
2. 2	Box Culvert						89+938	1x3x3					
3. 3	Box Culvert						90+710	1x5x3					
4.	Box Culvert						91+547	1x5x3					
5.	Box Culvert						92+330	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						101+750	1x2x2					
18.	Box Culvert						101+893	1x2x2					
19.	Box Culvert						102+600	1x5x3					
20.	Box Culvert						103+274	1x3x3					
21.	Box Culvert						103+610	1x2x2					
22.	Box Culvert						104+050	1x3x3					

23.	Box Culvert					104+414	1x3x3						
24.	Box Culvert					105+580	1x3x3						
25.	Box Culvert					105+936	1x3x3						
26.	Box Culvert					106+350	1x2x2						
27.	Box Culvert					106+667	1x3x3						
28.	Box Culvert					107+161	1x3x3						
29.	Box Culvert					107+863	1x3x3						
30.	Box Culvert					108+763	1x3x3						
31.	Box Culvert					109+560	1x5x3						
32.	Box Culvert					109+733	1x2x2						
33.	Box Culvert					110+008	1x2x2						
34.	Box Culvert					110+448	1x2x2						
35.	Box Culvert					111+098	1x3x3						
36.	Box Culvert					111+745	1x3x3						
37.	Box Culvert					111+931	1x3x3						
38.	Box Culvert					112+000	1x3x3						
39.	Box Culvert					112+600	1x3x3						
40.	Box Culvert					113+360	1x3x3						
41.	Box Culvert					114+043	1x5x3						
42.	Box Culvert					114+480	1x3x3						
43.	Box Culvert					115+125	1x3x3						
44.	Box Culvert					115+250	1x3x3						
45.	Box Culvert					115+800	1x5x3						
46.	Box Culvert					116+480	1x3x3						
47.	Box Culvert					116+750	1x3x3						
48.	Box Culvert					117+240	1x3x3						
49.	Box Culvert					117+910	1x5x4						
50.	Box Culvert					118+480	1x3x3						
51.	Box Culvert					118+555	1x3x3						



52.	Box Culvert					118+822	1x3x3						
53.	Box Culvert					119+000	1x2x2						
54.	Box Culvert					119+506	1x3x3						
55.	Box Culvert					120+159	1x5x3						
56.	Box Culvert					120+560	1x3x3						
57.	Box Culvert					120+400	1x3x3						
58.	Box Culvert					121+017	1x3x3						
59.	Box Culvert					121+151	1x5x4						
60.	Box Culvert					121+311	1x3x3						
61.						121+400	1x2x2						
62.	Box Culvert					122+007	1x3x3						
63.	Box Culvert					122+350	1x3x3						
64.	Box Culvert					122+550	1x3x3						
65.	Box Culvert					123+950	1x3x3						
66.	Box Culvert					123+420	1x3x3						
67.	Box Culvert					124+085	1x2x2						
68.	Box Culvert					124+777	1x2x2						
69.	Box Culvert					125+870	1x3x3						
70.	SVUP TO BC					125+726	1x5x3						
71.	Box Culvert					126+170	1x3x3						
72.	Box Culvert					126+388	1x3x3						
73.	Box Culvert					126+562	1x2x2						
74.	Box Culvert					127+938	1x2x2						
75.	Box Culvert					128+243	1x3x3						
76.	Box Culvert					128+652	1x5x3						
77.	Box Culvert					128+852	1x2x2						
78.	Box Culvert					129+702	1x5x3						
79.	Box Culvert					130+400	1x2x2						
80.	Box Culvert					130+560	1x3x3						

81.	Box Culvert							131+200	1x3x3						
82.	Box Culvert							131+343	1x2x2						
83.	Box Culvert							131+830	1x5x3						
84.	Box Culvert							132+107	1x2x2						
85.	Box Culvert							132+410	1x3x3						
86.	Box Culvert							132+720	1x2x2						
87.	Box Culvert							132+830	1x5x4						
88.	Box Culvert							133+125	1x5x3						
89.	Box Culvert							133+363	1x3x3						
90.	Box Culvert							133+722	1x3x3						
91.	Box Culvert							133+885	1x3x3						
92.	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+645	1X12.0X4.0							
3	LVUP						109+670	1X12.0X4.0							
4	SVUP						110+841	1X7.0X4.0							
5	SVUP						113+600	1x12x4.0							
6	LVUP						114+901	1X12.0X4.0							
7	SVUP						119+903	1X7.0X4.0							
8	LVUP						123+733	1x12x4.0							
9	SVUP						126+818	1X7.0X4.0							
10	LVUP						127+512	1X12.0X4.0							

11	VUP						134+119	1X12X5.5					
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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	87.891	1.011	98.86%
2	GSB	88.362	87.056	1.306	98.52%
3	WMM 1st Layer with Geogrid	88.362	86.26	2.102	97.62%
4	AI (WMM)	88.362	84.402	3.96	95.52%
5	DBM	88.362	83.51	4.852	94.51%
6	BC	88.362	56.684	31.678	64.15%

- STRUCTURE: -**

SI No	Description	Total (Nos)	Completed (Nos)	In Progress (Nos)	Balance (Nos)
1	Box Culvert	190	190	0	0
2	MNB	32	32	0	0
3	MJB	2	1.75	0.25	0
4	SVUP	3	3	0	0
5	LVUP	3	2	1	0
6	VUP	2	2	0	0

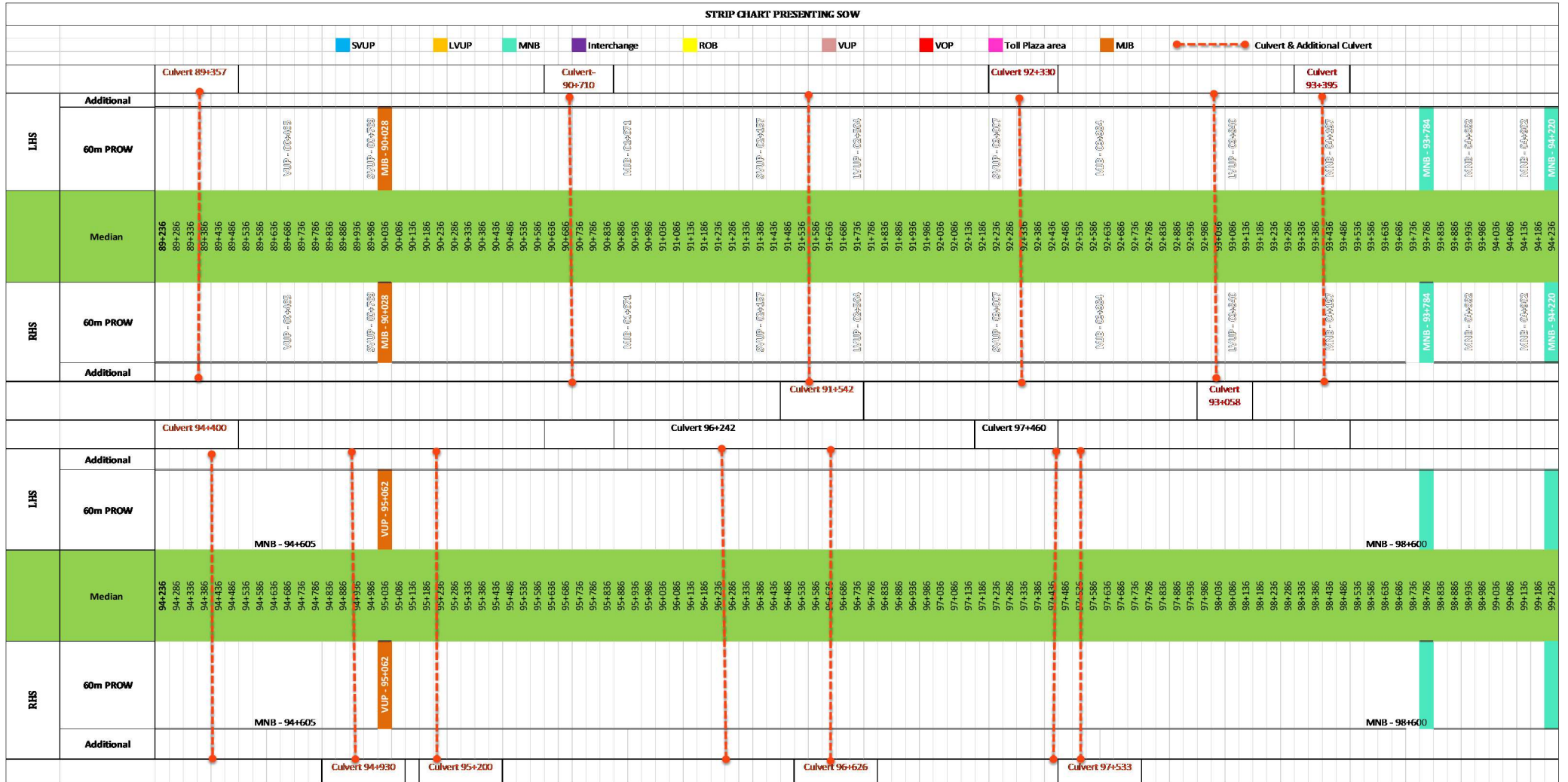
- CONSTRUCTION PROGRESS IN CURRENT MONTH: -**

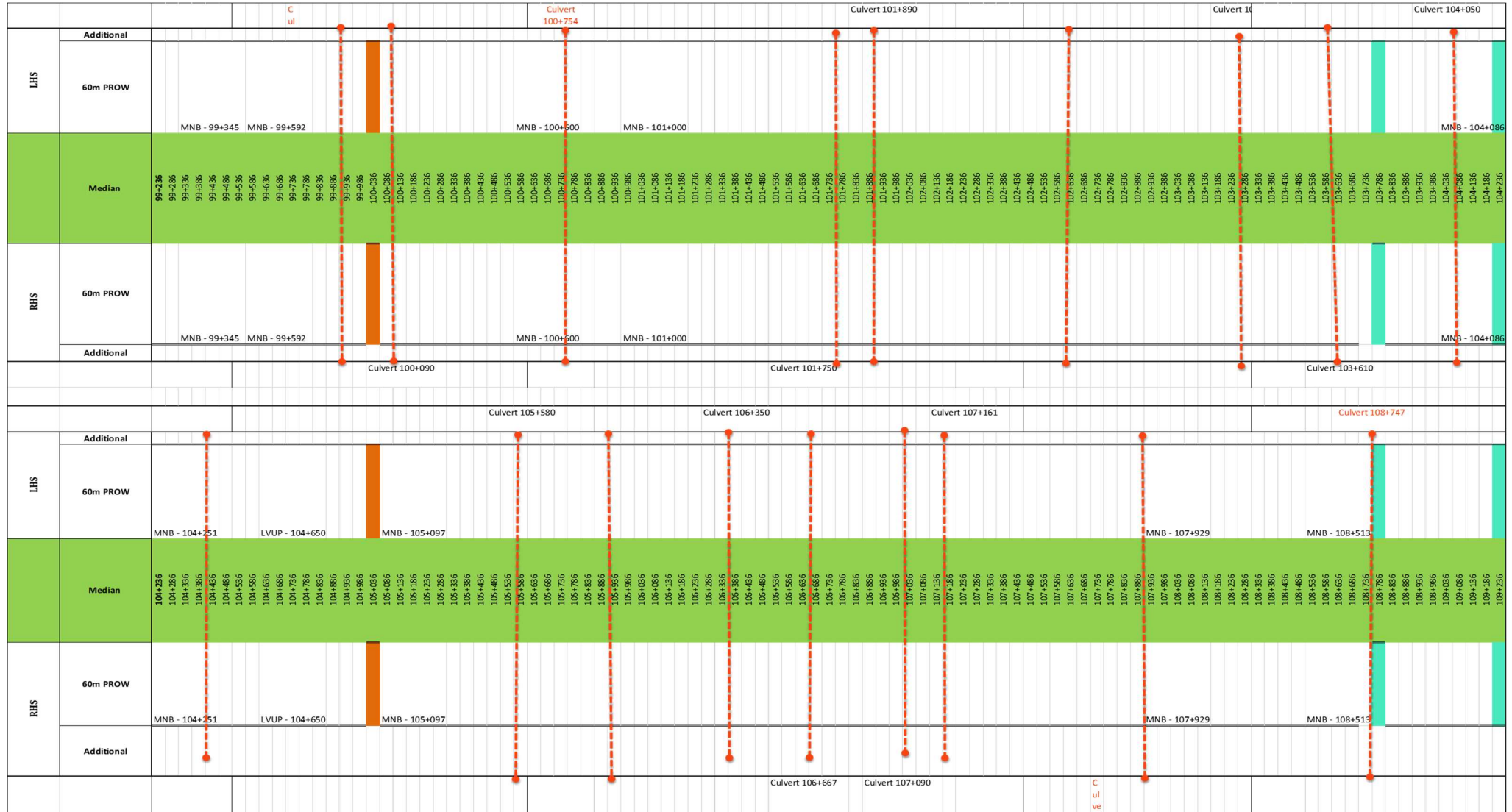
SI No	Description	Up to previous month as per Schedule	Up to previous month Achieved	This month as per Schedule	This month Achieved	Cumulative as per Schedule	Cumulative Achieved
1	Physical Progress	95.81%	85.11%	3.43%	5.13%	99.24%	90.24%
2	Expenditure (In Cr)	572.95	509.02	20.49	30.67	593.44	539.46

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

- Issues: -**

• Detailed Strip Plan:-





LHS	Additional	Culvert 109+680										Culvert 110+448										Culvert 111+730										Culvert 112+										Culvert 113+409										Culvert 114+043																																																	
		Culvert 115+250										Culvert 116+530										Culvert 117										Culvert 118+										Culvert 119+000																																																											
RHS	60m PROW	MNB - 110+659										MNB - 111+554										MNB - 112+300										MNB - 113+409										MNB - 114+043																																																											
	Additional	MNB - 110+659										MNB - 111+554										MNB - 112+300										MNB - 113+409										MNB - 114+043																																																											
Median	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	
60m PROW	MNB - 116+157										MNB - 116+534										MNB - 117+086										MNB - 118+320										MNB - 119+000																																																												
Additional	MNB - 116+157										MNB - 116+534										MNB - 117+086										MNB - 118+320										MNB - 119+000																																																												
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
60m PROW	MNB - 116+157										MNB - 116+534										MNB - 117+086										MNB - 118+320										MNB - 119+000																																																												
Additional	MNB - 116+157										MNB - 116+534										MNB - 117+086										MNB - 118+320										MNB - 119+000																																																												





Monthly Progress Report – MAY 2024



		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	Culvert 124+085																				Culvert										Culvert 126+170										Culvert 126+561																														Culvert																													
	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
		MNB - 125+304										MNB - 125+446										SVUP - 12																														ROB - 127+207										LVI																																							
RHS	60m PROW																																																																																																				
	Additional											MNB - 12										MNB - 125+446										SVUP - 12																														ROB - 127+207										LVI																													
		Culvert 124+777										Culvert 125+304																				Culvert 126+388										Culvert 126+828																														Culvert 128+950																													

		Culvert 129+712										Culvert 131+200										Culvert 131+830										13										Culvert 133+125										Culvert 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)	45.895	
Available Land Till 29.02.2024 (RHS)	45.895	
Unavailable Land Till 29.02.2024 (LHS)	0.220	
Unavailable Land Till 29.02.2024 (RHS)	0.220	

Si. No.	Chainage		Side	Effected Length (M)	Remark
	From	To			
1.	95+000	95+050	BHS	50	Payment pending
2.	101+150	101+200	RHS	50	Collector level pending
3.	109+850	109+900	BHS	50	Connectivity
4.	125+000	125+020	LHS	20	Farmer is not satisfied
5.	133+500	133+550	LHS	50	Approval pending NHAI UJJAIN
	<b>Total Length</b>			<b>220</b>	

## 14. PHYSICAL PROGRESS

PHYSICAL PROGRESS AS ON 31.05.2024						
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%	87.891	15.50%	
(2) Granular work (sub-base, base, shoulders)						
(a) CTSB/GSB	L-Km	88.362	5.700%	87.056	5.62%	
(b-1) WMM 1st Layer with Triaxial Geogrid Reinforced Material	L-Km	88.362	4.000%	86.26	4.93%	
(b-2) WMM Top Layer	L-Km	88.362	2.200%	84.402	1.19%	
(3) Shoulders	L-Km	88.362	0.060%	83.631	0.06%	
(4) Bituminous work				0		
(a) DBM	L-Km	88.362	6.390%	83.51	6.04%	
(b) BC	L-Km	88.362	4.540%	56.684	2.91%	
<b>C- New culverts, minor bridges, underpasses, over passes on existing road, realignments, bypasses:</b>						
(1) Culverts	No.	190.00	7.810%	190	7.81%	
<b>(2) Minor bridges</b>				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%	32	4.81%	
<b>(5) Grade separated structures</b>						
<b>(a) Underpasses</b>						
(i) Foundation	No.	8.00	0.050%	7	0.04%	
(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%	
<b>C- New Major Bridges</b>						
(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%	1.75	0.50%	
(iii) Girder Erection & Deck Slab (60%)	No.	2.00	0.864%	1.75	0.76%	
<b>D - New rail-road bridges (a) ROB</b>						
(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				
(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%	0.2	0.18%	
<b>(4) Reinforced Earth Wall (Includes Approaches of ROB, Underpasses, Overpasses, Flyover etc.)</b>						
(i) Casting of RE Wall RCC Blocks (5%)	Sqm.	19,877.00	0.173%	18,977.00	0.17%	
(ii) Completion of RE Wall Erection (including RCC crash barriers with Friction Slab etc. Complete	Sqm.	19,877.00	3.290%	18,398.00	3.21%	
<b>Other Works</b>						
(i) Service roads/ Slip Roads	km	2,708.00	0.850%	2277	0.71%	
<b>(ii) (a) Main Toll Plaza</b>						
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%	1	0.62%	
<b>(ii) (b) Toll Plaza on Entry &amp; Exit Ramp</b>						
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%	2	0.59%	
(iii) Road Side Drain (Unlined)	km	88.90	0.340%	82.44	0.32%	
<b>(iv) Road signs, marking, Km stones, Safety Devices</b>						
(iv) (a) Road signs, marking, Km stones etc.	km	88.90	1.940%	46.82	1.02%	
(iv) (b) Concrete Crash Barrier/ W-Beam Crash Barrier in Road work	km	151.50	9.490%	142.38	8.92%	
(iv) (c) Steel Railing	km	5.57	0.080%	2.10	0.08%	
<b>(v) Project Facilities</b>						
(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%	0.71	0.13%	
(viii) (b) Toe Wall/Retaining wall/Boundary Wall	km	2.60	0.110%	1.52	0.06%	
(viii) (c) River Training Work	km	0.83	0.160%	0.71	0.14%	
(x) Miscellaneous Works				0		
(x) (c) Connecting Road	km	3.30	0.430%	3.295	0.43%	
(x) (d) Tree Cutting	km	88.90	0.020%	88.902	0.02%	
(x) (e) (a) Major Junction	No.	2.00	0.220%	2	0.22%	
(x) (e) (b) Minor Junction	No.	16.00	0.180%	13	0.15%	
(x) (f) Rain Water Harvesting System	No.	92.00	0.210%	66	0.21%	
(x) (h) ATMS	km	46.10	2.020%	14.52	0.64%	
(x) (i) Pathway	km	4.50	0.270%	4.5	0.27%	
(x) (j) Utility Shifting	km	46.10	3.867%	45.9	3.73%	
<b>Upto date Physical Progress=</b>					<b>90.248%</b>	<b>539.68</b>
<b>Since Previous Progress=</b>					<b>85.1%</b>	<b>509.01</b>
<b>This Month Progress=</b>					<b>5.13%</b>	<b>30.67</b>

## 15. CORRESPONDENCE

### • Details of Incoming Letters - IE

S. No	Letter No.	Date	Subject
1	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1337/U-G-3	09.05.2024	1337. Reg. Submission of Draft Toll Fee Notification (PKG-I, II &II)
2	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1340/U-G-3	10.05.2024	1340 Reg. - गरोठ - उज्जैन फोरलेन रोड में प्रधानमंत्री ग्राम सड़क योजना अंतर्गत निर्मित मार्गों पर अण्डरपास के संबंध में
3	LNMIPL/PD/NHAI/Ujjain-Garoth/2023-24/1345/U-G-3	14.05.2024	1345 Regarding -Submission of 9th Payment Milestone Certificate.
4	LNMIPL/Ujjain-Garoth/2024-25/1360/U-G-3	16.05.2024	1360. Regarding - Approval of Revised Bituminous Concrete Mix Design Grade-II with Tiki Tar & shell PMB 70E-10
5	LNMIPL/Ujjain-Garoth/2024-25/1367/U-G-3	20.05.2024	1367. submission of final design stage audit report-3.
6	LNMIPL/Ujjain-Garoth/2024-25/1372/U-G-3	25.05.2024	1372 Reg. monthly joint site inspection for the month of may 2024 as per clause 13.2 , article 13 of the concession agreement
7	LNMIPL/Ujjain-Garoth/2024-25/1373/U-G-3	25.05.2024	1373. Regarding Tests on completion as per Schedule-I for the Project.
8	LNMIPL/PD/NHAI/Ujjain-Garoth/2024-25/1379/U-G-3	29.05.2024	1379. Reg. CM Helpline no. 267999002
9	LNMIPL/Ujjain-Garoth/2024-25/1380/U-G-3	29.05.2024	1380. Regarding Submission of Draft Construction Stage Report-5.
10	LNMIPL/Ujjain-Garoth/2024-25/1381/U-G-3	29.05.2024	1381. Regarding Submission of GAP report-5.

### • Details of Incoming Letters – NHAI

S. No	Letter No.	Date	Subject
16.	NHAI/PIU/Ujjain/Plantation/2024/817	02.05.2024	Letter No_817 ब्रक्षोरोपण किये जाने हेतु प्राक्कलन उपलब्ध किये जाने के संबंध में।
17.	NHAI/PIU/Ujjain/UG-Pkg-03/2024/843	06.05.2024	Letter No - 843 गरोठ उज्जैन फोरलेन रोड में प्रधानमंत्री ग्राम सड़क योजना अंतर्गत निर्मित मार्गों पर अण्डरपास के संबंध में।
18.	NHAI/PIU/Ujjain/Circular/2024/818	02.05.2024	Letter No_818 Request for carrying out inspection of structures before the onset of monsoon season in order to assess their structural as well as functional condition..reg.
19.	NHAI/PIU/Ujjain/UG-III/ROB/2024/862	07.05.2024	Letter No_862 Request for Jointly Inspection of Composite Steel Girder (fabricator Punia constrction) proposed of Railway over Bridge (RoB) at Highway Ch. 127+197 (Raitway Ch. 79022)-Reg
20.	NHAI/PIU/Ujjain/UG-III/ROB/2024/863	07.05.2024	Letter No 863 Submission of Miscellaneous Details of Launching Scheme Railway (ROB)
21.	NHAI/PIU/Ujjain/Circular/2024/865	07.05.2024	Letter No_865 Request for carrying out inspection of structures before the onset of monsoon season in order to assess their sbuctural as well as functional condition.-reg.
22.	NHAI/PIU/UJJAIN/UG-PKG-III/2024/866	07.05.2024	Letter No_866 submission of vendor credential and Technical Estimate for Raising shifting work of 132KV SC Dug-Gangdhar line, NH-752D reg.
23.	NHAI/PIU/Ujjain/Plantation/2024/867	07.05.2024	Letter No 867 ब्रक्षोरोपण किये जाने हेतु प्राक्कलन उपलब्ध किये जाने के संबंध में।
24.	NHAI/PIU/UJJAIN/UG-III/RSA/2024/878	08.05.2024	Letter No 878 Submission of Final Design Stage Audit Report-z -reg.
25.	NHAI/PIU/UJJAIN/RTI/2024/889	07.05.2024	Letter No_889 गरोठ उज्जैन फोरलेन रोड में प्रधानमंत्री ग्राम सड़क योजना अंतर्गत निर्मित मार्गों पर अण्डरपास के संबंध में।
26.	NHAI/PIU/UJJAIN/Pre-Monsoon/2024/905	15.05.2024	Letter No_965 ब्रक्षोरोपण किये जाने हेतु प्राक्कलन उपलब्ध किये जाने के संबंध में।

27.	NHAI/PIU/Ujjain/UG-III/ROB/2024/929	21.05.2024	Letter No_929 Request for jointly Inspection of composite steel Girder for painting (fabricator-Punia construction) proposed of Railway over Bridge (ROB) at Highway Ch.127+,t91(Railway Ch. 79022)-Reg.
28.	NHAI/PIU/UJJAIN/UG-III/MPPTC/2024/937	24.05.2024	Letter No_937 Document verification of electrical contractor license of Ms Energy Solution Pvt. Ltd. for shifting work of 132kV SC Dug Gangdhar EHT line of MPPTCL-reg.
29.	NHAI/PIU/UJJAIN/UG-III/MPPTCL/2024/938	24.05.2024	Letter No_938 Document verification of electrical contractor license of Ms Energy Solution Pvt. Ltd. for shifting work of 220kV DCDS Suwasara to Nipina Lilo Line at Ch. 127+830 of MPPTCL-reg.
30.	NHAI/PIU/UJJAIN/UG-3/ROB/2024/949	28.05.2024	Letter No_949 Request for Jointly testing of Elastomeric Bearing (DECG International) of (ROB) at Highway Ch. 127 +197 (Railway Ch. 79022)-Reg.
31.	NHAI/PIU/Ujjain/UG-III/WSA/2024/950	28.05.2024	Letter No_950 Submission of De-Scope Proposal of Wayside Amenity (Truck Lay Bay cum Rest area) at Km 99+100-LHS -reg.
32.	NHAI/PIU/Ujjain/UG-III/2024/952	28.05.2024	Letter No_952 obstruction in construction of RE wall at A1 end of ROB approach, due to 1 no. well.
33.	NHAI/PIU/UJJAIN/U-G-II&III/SPS/2024/953	28.05.2024	Letter No_953 Reg. payment recommended against ATMS work under SPS.9th (pkg.III) 10'h (pkg-il).
34.	NHAI/PIU/UJJAIN/U-G-III/RSA/2024/954	28.05.2024	Letter No_954 Submission of Draft Design Stage Report-3 -reg.
35.	NHAI/PIU/UJJAIN/U-G-III/RSA/2024/959	28.05.2024	Letter No_959 Submission of Draft construction stage report-s -reg.
36.	NHAI/PIU/UJJAIN/U-G-III/RSA/2024/960	28.05.2024	Letter No_960 Submission of GAP Report4-reg.
37.	NHAI/PIU/UJJAIN/2024/965	30.05.2024	Letter No_965 ब्रह्मरोपन किये जाने हेतु प्राक्कलन उपलब्ध किये जाने के संबंध में।
38.	NHAI/PIU/UJJAIN/UG-PKG-III/2024/976	31.05.2024	Letter No_976 Installation of ATMS works through empanelled vender by IHMCL only- reg.

• **Details of Outgoing Letters**

S. No	Letter No.	Date	Description
656	MKC UGMH Pvt.Ltd./2023-24/656	06.05.2024	Submission of Monthly Progress Report.
657	MKC UGMH Pvt.Ltd./2023-24/657	06.05.2024	Submission of Drone Videography Month of the April - 2024.
658	MKC UGMH Pvt.Ltd./2023-24/658	06.05.2024	Submission of Miscellaneous Details of Launching Scheme.
659	MKC UGMH Pvt.Ltd./2023-24/659	06.05.2024	Submission of Miscellaneous Details of Launching Scheme.
660	MKC UGMH Pvt.Ltd./2023-24/660	06.05.2024	Regarding Approval of Energy Solution Pvt Ltd for EHV Shifting Line Project.
663	MKC UGMH Pvt.Ltd./2023-24/663	07.05.2024	Shifting/Relocation of EHT Tower/Line under MPPTCL Authorization-Reg
666	MKC UGMH Pvt.Ltd./2023-24/666	13.05.2024	Regarding Submission of 9th Payment Milestone Certificate
669	MKC UGMH Pvt.Ltd./2023-24/669	15.05.2024	Regarding Revised Submission for Approval of Bituminous Concrete Mix Design Grade-II.
671	MKC UGMH Pvt.Ltd./2023-24/671	18.05.2024	Regarding Implantation of IT Deduction as 0.15%.
673	MKC UGMH Pvt.Ltd./2023-24/673	20.05.2024	Request for Jointly Inspection of Composite Steel Girder for painting (Fabricator Punia Construction) Proposed of Railway Over Bridge (ROB) at Chainage 127+197 (Railway chainage 790/2).
674	MKC UGMH Pvt.Ltd./2023-24/674	20.05.2024	Third Party Testing (Thermoplastic & Glass beads Material).
676	MKC UGMH Pvt.Ltd./2023-24/676	23.05.2024	Tests on completion as per Schedule-I for the Project.



677	MKC UGMH Pvt.Ltd./2023-24/677	23.05.2024	Regarding Approval of Energy Solution Pvt Ltd for EHT Shifting Line Project.
678	MKC UGMH Pvt.Ltd./2023-24/678	24.05.2024	निर्माणाधीन 4 लेन सडक मे लोगो की बढ़ रही गतिविधियों के संदर्भ मे
679	MKC UGMH Pvt.Ltd./2023-24/679	24.05.2024	निर्माणाधीन 4 लेन सडक मे लोगो की बढ़ रही गतिविधियों के संदर्भ मे
680	MKC UGMH Pvt.Ltd./2023-24/680	24.05.2024	निर्माणाधीन 4 लेन सडक मे लोगो की बढ़ रही गतिविधियों के संदर्भ मे
682	MKC UGMH Pvt.Ltd./2023-24/682	28.05.2024	Request for Jointly Bearing Testing of Elastomeric Bearing (DECG International) Proposed of Railway Over Bridge (ROB) at Chainage 127+197 (Railway chainage 790/2).
683	MKC UGMH Pvt.Ltd./2023-24/683	30.05.2024	Regarding Stoppage of Metal Beam Crash Barrier (MBCB) Work.
684	MKC UGMH Pvt.Ltd./2023-24/684	30.05.2024	Regarding Obstruction in construction of RE Wall at A1 end of ROB approaches, due to 1 no. well.
686	MKC UGMH Pvt.Ltd./2023-24/686	01.06.2024	Regarding Submission of Profile, Tower Schedule and Estimate of EHV Shifting Line Project at Ch-91+800
687	MKC UGMH Pvt.Ltd./2023-24/687	01.06.2024	Regarding Submission of Profile, Tower Schedule and Estimate of EHV Shifting Line Project at Ch-127+830

### 39. 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	LNMIPL/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	LNMIPL/Ujjain-Garoth/2022-23/180/U-G-3	17.01.2023	Closed	
2	LNMIPL/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	LNMIPL/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	LNMIPPL/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	LNMIPPL/Ujjain-Garoth/2022-23/284/U-G-3	20.02.2023	Closed	
12	LNMIPPL/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	LNMIPPL/Ujjain-Garoth/2022-23/365/U-G-3	24.03.2023	Closed	
13	LNMIPPL/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	LNMIPPL/Ujjain-Garoth/2022-23/535/U-G-3	31.05.2023	Closed	

14	LNMIPPL/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	LNMIPPL/Ujjain -Garoth/2022- 23/536/U-G-3	31.05.2023	Closed	
15	LNMIPPL/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	LNMIPPL/Ujjain -Garoth/2022- 23/781/U-G-3	16.09.2023	Closed	
16	LNMIPPL/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	LNMIPPL/Ujjain -Garoth/2022- 23/728/U-G-3	19.08.2023	Closed	
17	LNMIPPL/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 failiure	17.06.2023	MKC Ujjain- Garoth Mahakaleshwar Highway PVT.LTD. /2022- 23/335	20.07.2023	LNMIPPL/Ujjain- Garoth/2022- 23/663/U-G-3	26.07.2023	Closed	
18	LNMIPPL/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	LNMIPPL/Ujjain- Garoth/2023- 24/902/U-G-3	06.11.2023	Closed	



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19	LNMIPPL/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	LNMIPPL/Ujjain-Garoth/2023-24/843/U-G-3	09.10.2023	Closed	
20	LNMIPPL/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	LNMIPPL/Ujjain-Garoth/2022-23/972/U-G-3	19.12.2023	Closed	
21	LNMIPPL/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	LNMIPPL/Ujjain-Garoth/2022-23/973/U-G-3	19.12.2023	Closed	
22	LNMIPPL/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	LNMIPPL/Ujjain-Garoth/2022-23/1092/U-G-3	07.02.2024	Closed	
23	LNMIPPL/Ujjain-Garoth/2024-25/1083/U-G-3	Regarding At Chainage - 93+000 to 93+100 (RHS)	03.02.2024	MKC Ujjain-Garoth Mahakaleshwar Highway	06.02.2024	LNMIPPL/Ujjain-Garoth/2022-23/1024/U-G-3	17.02.2024	Closed	



				PVT.LTD. /2024-25/565					
24	LNMIPPL/Ujjain-Garoth/2024-25/1306/U-G-3	Regarding At Chainage - 134+000 to 135+000 (LHS)	24.04.2024	MKC Ujjain-Garoth Mahakaleshwar Highway PVT.LTD. /2024-25/646	26.04.2024	LNMIPPL/Ujjain-Garoth/2022-23/1316/U-G-3	27.04.2024	Closed	

#### 40. WEATHER REPORT

Weather Report for the Month of May-2024									
SL. NO.	DATE	TEMPERATUR E °c		REL. HUMIDITY %		WEATHER	RAIN FALL (mm)	CUMM. RAIN FALL (mm)	REMARKS
		MIN.	MAX.	MIN.	MAX.				
1	1-May-2024	23.0	41.0	10	21	Sunny	0	0	
2	2-May-2024	24.0	37.0	10	18	Sunny	0	0	
3	3-May-2024	25.0	39.0	12	22	Sunny	0	0	
4	4-May-2024	26.0	40.0	13	21	Sunny	0	0	
5	5-May-2024	29.0	41.0	11	20	Partly Sunny	0	0	
6	6-May-2024	28.0	42.0	15	24	Partly Sunny	0	0	
7	7-May-2024	29.0	42.0	18	27	Sunny	0	0	
8	8-May-2024	29.0	44.0	14	23	Sunny	0	0	
9	9-May-2024	28.0	42.0	16	22	Sunny	0	0	
10	10-May-2024	28.0	43.0	18	27	Cloudy	0	0	
11	11-May-2024	26.0	40.0	15	25	Partly Sunny	0	0	
12	12-May-2024	27.0	41.0	19	26	Cloudy	16	16	
13	13-May-2024	27.0	39.0	21	35	Partly Cloudy	0	16	
14	14-May-2024	26.0	40.0	18	31	Sunny	0	16	
15	15-May-2024	27.0	41.0	20	34	Partly Sunny	0	16	
16	16-May-2024	27.0	40.0	21	30	Partly Sunny	0	16	
17	17-May-2024	26.0	41.0	19	27	Sunny	0	16	
18	18-May-2024	27.0	42.0	17	25	Sunny	0	16	
19	19-May-2024	25.0	40.0	19	24	Sunny	0	16	
20	20-May-2024	26.0	43.0	13	22	Sunny	0	16	
21	21-May-2024	24.0	44.0	18	26	Sunny	0	16	
22	22-May-2024	25.0	43.0	17	22	Sunny	0	16	
23	23-May-2024	29.0	44.0	17	24	Sunny	0	16	
24	24-May-2024	27.0	43.0	16	21	Sunny	0	16	
25	25-May-2024	29.0	45.0	18	24	Sunny	0	16	
26	26-May-2024	28.0	44.0	16	22	Sunny	0	16	
27	27-May-2024	30.0	45.0	19	26	Sunny	0	16	
28	28-May-2024	31.0	44.0	17	27	Sunny	0	16	
29	29-May-2024	29.0	46.0	19	26	Sunny	0	16	
30	30-May-2024	29.0	45.0	18	27	Sunny	0	16	
31	31-May-2024	31.0	44.0	20	26	Sunny	0	16	



### 41. QC REPORTS

Package - 3				Monthly Progress Report May - 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 MAY -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 NHA1 Rep.		
				Tested	Passed	Failed	Tested	Passed	Failed	Tested	Passed	Failed	Up to previous Month	During this Month	Total	%	Up to previous Month	During this Month	Total
<b>1.0 OGL samples</b>				<b>MORTH-900</b>															
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
<b>2.0 Borrow Area Samples</b>				<b>MORTH-900</b>															
2.1	Free Swell Index (FSI)	IS : 2720 (P- 40)	2 tests / 3000 m <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	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 <sup>2</sup>	1495	1495	0	0	0	0	1495	1495	0	484	0	484	0	42	0	42
<b>3.0 Field Density Tests</b>				<b>MORTH-900</b>															
3.1	Field density test on OGL	IS : 2720 (P- 28)	1 set of tests / 3000 m <sup>2</sup>	14272	14272	0	0	0	0	14272	14272	0	2808	0	2808	0	0	0	0
3.2	Field density test on Emb.	IS : 2720 (P- 28)	1 set of tests /3000 m <sup>2</sup>	23056	23056	0	24	24	0	23080	23080	0	4430	5	4435	21	0	0	0
3.3	Field density test on Subgrade	IS : 2720 (P- 28)	1 set of tests / 2000 m <sup>2</sup>	9940	9940	0	18	18	0	9958	9958	0	2073	4	2077	22	0	0	0
3.4	Field density test on GSB	"	1 test / 1000 m <sup>2</sup>	2469	2469	0	30	30	0	2499	2499	0	568	7	575	23	0	0	0
3.5	Field density test on WMM	"	1 set of three / 1000 m <sup>2</sup>	2293	2293	0	75	75	0	2368	2368	0	552	18	570	24	1	0	1
3.6	Field density test on Earthen Shoulder	"	1 set of tests / 2000 m <sup>2</sup>	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 2test / 500 m <sup>2</sup>	7358	7352	6	380	380	0	7738	7732	6	1508	95	1603	25	0	0	0
3.8	Field density test on DLC	"	1 set of tests / 2000 m <sup>2</sup>	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0
<b>4.0 Coarse Agg. for Concrete</b>																			
4.1	Gradation	IS : 2386 (P-1)	1 test / day	524	524	0	31	31	0	555	555	0	214	7	221	23	0	0	0
4.2	Flakiness Index	IS : 2386 (P-1)	Weekly	78	78	0	4	4	0	82	82	0	34	1	35	25	0	0	0
4.3	Aggregate Impact Value	IS : 2386 (P-4)	Weekly	78	78	0	4	4	0	82	82	0	34	1	35	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 MAY -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	524	524	0	31	31	0	555	555	0	214	7	221	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
<b>5.0 Fine Agg. for Concrete</b>																			
5.1	Gradation	IS : 2386 (P-1)	1 test / day	524	524	0	31	31	0	555	555	0	214	7	221	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	524	524	0	31	31	0	555	555	0	214	7	221	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
<b>6.0 Concrete Cube Compressive strength tests(in sets)</b>																			
<b>For M 10 Grade</b>																			
6.1	for 7 days	IS : 516	for 7 days	267	267	0	7	7	0	274	274	0	96	2	98	29	0	0	0
6.2	for 28 days	IS : 516	for 28 days	607	607	0	27	27	0	634	634	0	183	6	189	22	0	0	0
<b>For M 15 Grade</b>																			
6.3	for 7 days	IS : 516	for 7 days	47	47	0	8	8	0	55	55	0	30	2	32	25	0	0	0
6.4	for 28 days	IS : 516	for 28 days	52	52	0	17	17	0	69	69	0	34	4	38	24	0	0	0
<b>For M 20</b>																			
6.5	for 7 days	IS : 516	for 7 days	41	41	0	2	2	0	43	43	0	29	1	30	50	0	0	0
6.6	for 28 days	IS : 516	for 28 days	24	24	0	15	15	0	39	39	0	19	3	22	20	0	0	0
<b>For M 25 Grade</b>																			
6.7	for 7 days	IS : 516	for 7 days	429	429	0	16	16	0	445	445	0	133	4	137	25	0	0	0
6.8	for 28 days	IS : 516	for 28 days	840	840	0	27	27	0	867	867	0	218	6	224	22	0	0	0
<b>For M 30 Grade</b>																			
6.9	for 7 days	IS : 516	for 7 days	167	167	0	9	9	0	176	176	0	75	2	77	22	0	0	0
6.10	for 28 days	IS : 516	for 28 days	267	267	0	62	62	0	329	329	0	130	14	144	23	1	0	1

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				Tested	Passed	Failed	Tested	Passed	Failed	Tested	Passed	Failed	Up to previous Month	During this Month	Total	%	Up to previous Month	During this Month	Total
<b>For M 35 Grade</b>																			
6.11	for 7 days	IS : 516	for 7 days	323	323	0	15	15	0	338	338	0	141	3	144	20	1	0	1
6.12	for 28 days	IS : 516	for 28 days	890	890	0	21	21	0	911	911	0	481	5	486	24	0	0	0
<b>For M 35 (Pile) Grade</b>																			
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
<b>For M 35 (RE-BLOCK) Grade</b>																			
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
<b>For M 40 Grade</b>																			
6.12	for 7 days	IS : 516	for 7 days	85	85	0	1	1	0	86	86	0	55	1	56	100	0	0	0
6.13	for 28 days	IS : 516	for 28 days	72	72	0	4	4	0	76	76	0	52	1	53	25	0	0	0
<b>For M 45 Grade</b>																			
6.14	for 7 days	IS : 516	for 7 days	14	14	0	0	0	0	14	14	0	10	0	10	0	0	0	0
6.15	for 28 days	IS : 516	for 28 days	9	9	0	1	1	0	10	10	0	9	1	10	100	0	0	0
<b>For DLC</b>																			
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
<b>For PQC CUBE</b>																			
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
<b>For PQC BEAM</b>																			
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
<b>7.0 Cement Tests MORTH 1000</b>																			
7.1	Fineness of cement	IS : 4031 (P-1)	1 test / lot of cement	112	112	0	8	8	0	120	120	0	53	2	55	25	0	0	0
7.2	Normal consistency	IS : 4031 (P-4)	1 test / lot of cement	112	112	0	8	8	0	120	120	0	53	2	55	25	0	0	0
7.3	Initial, final setting times	IS : 4031 (P-5)	1 test / lot of cement	112	112	0	8	8	0	120	120	0	53	2	55	25	0	0	0
7.4	Soundness	IS : 4031 (P-3)	1 test / lot of cement	112	112	0	8	8	0	120	120	0	53	2	55	25	0	0	0
7.5	Compressive strength - 3 days	IS : 4031 (P-6)	for 3 days	97	97	0	9	9	0	106	106	0	45	2	47	22	0	0	0
	- 7 days	"	for 7 days	96	96	0	9	9	0	105	105	0	42	2	44	22	0	0	0
	- 28 days	"	for 28 days	105	105	0	8	8	0	113	113	0	44	2	46	25	0	0	0
7.6	Chemical properties	IS : 4031	Once per Source /	3	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0
<b>9.0 Steel MORTH 1000</b>																			

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				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
9.1	Physical Properties	IS : 1786		83	83	0	0	0	0	83	83	0	45	0	45	0	0	0	0
<b>11.0 Water</b>				<b>MORTH 1000</b>															
11.1	Suitability for Construction	IS : 456		1	1	0	0	0	0	1	1	0	1	0	1	0	0	0	0
<b>12.0 Admixture</b>				<b>MORTH 1000</b>															
12.1	Suitability for Concrete	IS : 9103		10	10	0	2	2	0	12	12	0	4	0	4	0	0	0	0
<b>13.0 SUB-BASE (GSB)</b>				<b>MORTH 401</b>															
13.1	Gradation	Table 400-2 (Grading-V)	1 Test /400 cu.m.	864	864	0	6	6	0	870	870	0	492	2	494	33	1	0	1
13.2	Atterberg's limits (LL & PI)	IS : 2720 (P-5)	1 Test /400 cu.m.	860	860	0	6	6	0	866	866	0	488	2	490	33	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
<b>14.0 SUB-BASE / BASE (WMM)</b>				<b>MORTH 406</b>															
14.1	Gradation	Table 400-12	1 test / 200 m <sup>3</sup>	931	931	0	30	30	0	961	961	0	529	7	536	23	1	1	2
14.2	Atterberg's limits (LL & PI)	IS : 2720 (P-5)	1 test / 200 m <sup>3</sup>	926	926	0	30	30	0	956	956	0	527	7	534	23	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 m <sup>3</sup>	435	435	0	10	10	0	445	445	0	206	2	208	20	0	0	0
14.5	FI & EI	IS : 2386 (P-1)	1 test / 500 m <sup>3</sup>	534	534	0	12	12	0	546	546	0	313	3	316	25	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
<b>15. Bitumen VG-40</b>																			
15.1	Specific Gravity at 27oC	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	119	119	0	4	4	0	123	123	0	60	1	61	25	0	0	0
15.3	Penetration at 25oc 100gm 5	IS : 1203	1 test per Lot	115	113	0	4	4	0	119	117	0	58	1	59	25	0	0	0
15.4	Ductility at 27oc	IS : 1208	As Required	110	110	0	4	4	0	114	114	0	58	1	59	25	0	0	0
15.5	Viscosity at 60o/135oC	IS : 1206	As required	119	119	0	4	4	0	123	123	0	60	1	61	25	0	0	0
<b>16. Bitumen PMB</b>																			
16.1	Specific Gravity at 27oC	IS : 1202	As required	0	0	0	3	3	0	3	3	0	0	3	3	100	0	0	0
16.2	Softening Point(oc)	IS : 1205	1 test per Lot	0	0	0	25	25	0	25	25	0	0	6	6	24	0	0	0
16.3	Elastic Recovery at 15oC	IS : 15462	1 test per Lot	0	0	0	25	25	0	25	25	0	0	6	6	24	0	0	0
<b>17. Emulsion</b>				<b>MORTH 503</b>															
17.1	RS 1 (Saybolt viscosity )	IS : 8887	Per Lot	14	14	0	1	1	0	15	15	0	10	1	11	100	0	0	0
17.2	SS 1 (Saybolt viscosity)	IS : 8887	Per Lot	5	5	0	1	1	0	6	6	0	2	1	3	100	0	0	0

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				Tested	Passed	Failed	Tested	Passed	Failed	Tested	Passed	Failed	Up to previous Month	During this Month	Total	%	Up to previous Month	During this Month	Total
<b>18.0 RATE OF SPRAY</b>		<b>MORTH 503</b>																	
18.1	Prime coat	As per MORTH	3 test / day	472	472	0	15	15	0	487	487	0	227	3	230	20	22	0	22
18.2	Tack Coat	As per MORTH	3 test / day	436	436	0	75	75	0	511	511	0	219	18	237	24	0	0	0
<b>19.0 DENSE BITUMINOUS MACADAM GRADING- 2 (DBM)</b>		<b>MORTH 900-4</b>																	
19.1	Binder Content	As per MORTH	1 test / 400 Tonne Mix	268	268	0	6	6	0	274	274	0	113	2	115	33	0	0	0
19.2	Combined Gradation	As per MORTH	1 test / 400 Tonne Mix	274	274	0	6	6	0	280	280	0	119	2	121	33	0	0	0
19.3	Marshall Test (in Sets)	ASTM D 1559	1 test / 400 Tonne Mix	358	358	0	6	6	0	364	364	0	135	2	137	33	0	0	0
19.4	A.IV	IS : 2386 (P-4)	1 test / 350 m3 of Agg.	137	137	0	3	3	0	140	140	0	63	1	64	33	0	0	0
19.5	FI & EI	IS : 2386 (P-1)	1 test / 350 m3 of Agg.	137	137	0	3	3	0	140	140	0	63	1	64	33	0	0	0
19.6	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
19.7	Stripping Value	IS : 6241	Test/Source	1	1	0	0	0	0	1	1	0	1	0	1	0	0	0	0
19.8	Core Density Test	As Per Morth	1 test / 700 sqm.	800	800	0	17	17	0	817	817	0	411	4	415	24	5	0	5
<b>20.0 BITUMINOUS CONCRETE GRADING- 2 (BC)</b>		<b>MORTH 900-4</b>																	
20.1	Binder Content	As per MORTH	1 test / 400 Tonne Mix	0	0	0	45	45	0	45	45	0	0	10	10	22	0	1	1
20.2	Combined Gradation	As per MORTH	1 test / 400 Tonne Mix	0	0	0	45	45	0	45	45	0	0	10	10	22	0	0	0
20.3	Marshall Test (in Sets)	ASTM D 1559	1 test / 400 Tonne Mix	0	0	0	45	45	0	45	45	0	0	10	10	22	0	0	0
20.4	A.IV	IS : 2386 (P-4)	1 test / 350 m3 of Agg.	0	0	0	20	20	0	20	20	0	0	5	5	25	0	0	0
20.5	FI & EI	IS : 2386 (P-1)	1 test / 350 m3 of Agg.	0	0	0	20	20	0	20	20	0	0	5	5	25	0	0	0
20.6	Water Absorption & Specific	IS : 2386 (P-3)	Test/Source	0	0	0	3	3	0	3	3	0	0	3	3	100	0	0	0
20.7	Stripping Value	IS : 6241	Test/Source	0	0	0	3	3	0	3	3	0	0	3	3	100	0	0	0
20.8	Core Density Test	As Per Morth	1 test / 700 sqm.	0	0	0	260	260	0	260	260	0	0	62	62	24	0	0	0
<b>Total</b>				<b>88145</b>	<b>88137</b>	<b>6</b>	<b>1688</b>	<b>1688</b>	<b>0</b>	<b>89833</b>	<b>89825</b>	<b>6</b>	<b>26372</b>	<b>413</b>	<b>26785</b>		<b>294</b>	<b>2</b>	<b>296</b>



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				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

Total Tests Conducted this Month	1688
Total Tests Witnessed by IE's this Month	413
Total Test Witnessed by IE's in % this Month	24.47%

Total Tests Conducted this Month	1688
Total Tests Witnessed by NHAI this Month	2
Total Test Witnessed by NHAI in % this Month	0.12%

Concessionaire's Representative

Independent Engineer's Representative

## 42. SITE PHOTOGRAPHS

