



Monthly Progress Report –December 2023



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

DECEMBER-2023



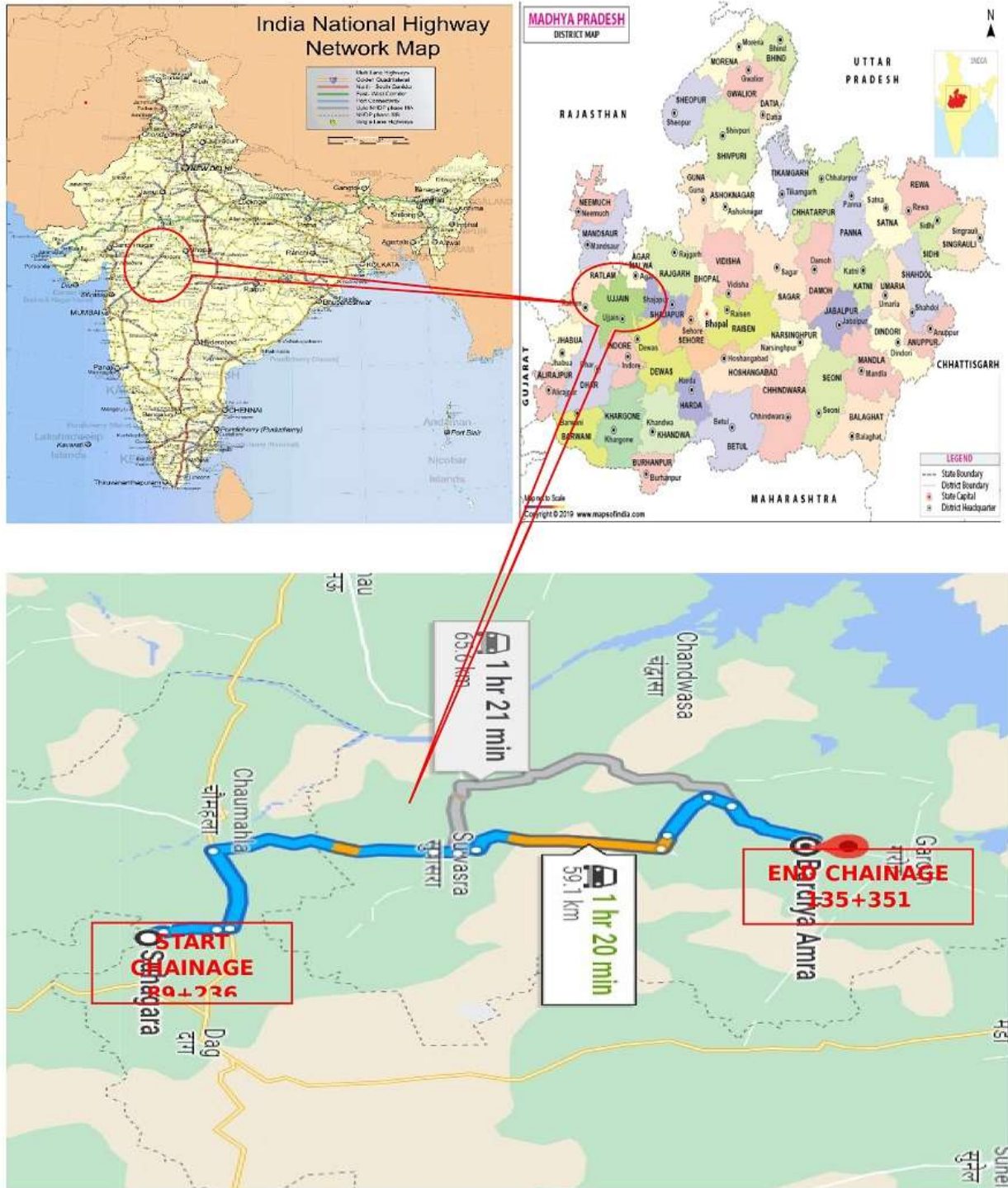
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1. SALIENT FEATURES OF THE PROJECT

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. NHA/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	EPC	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

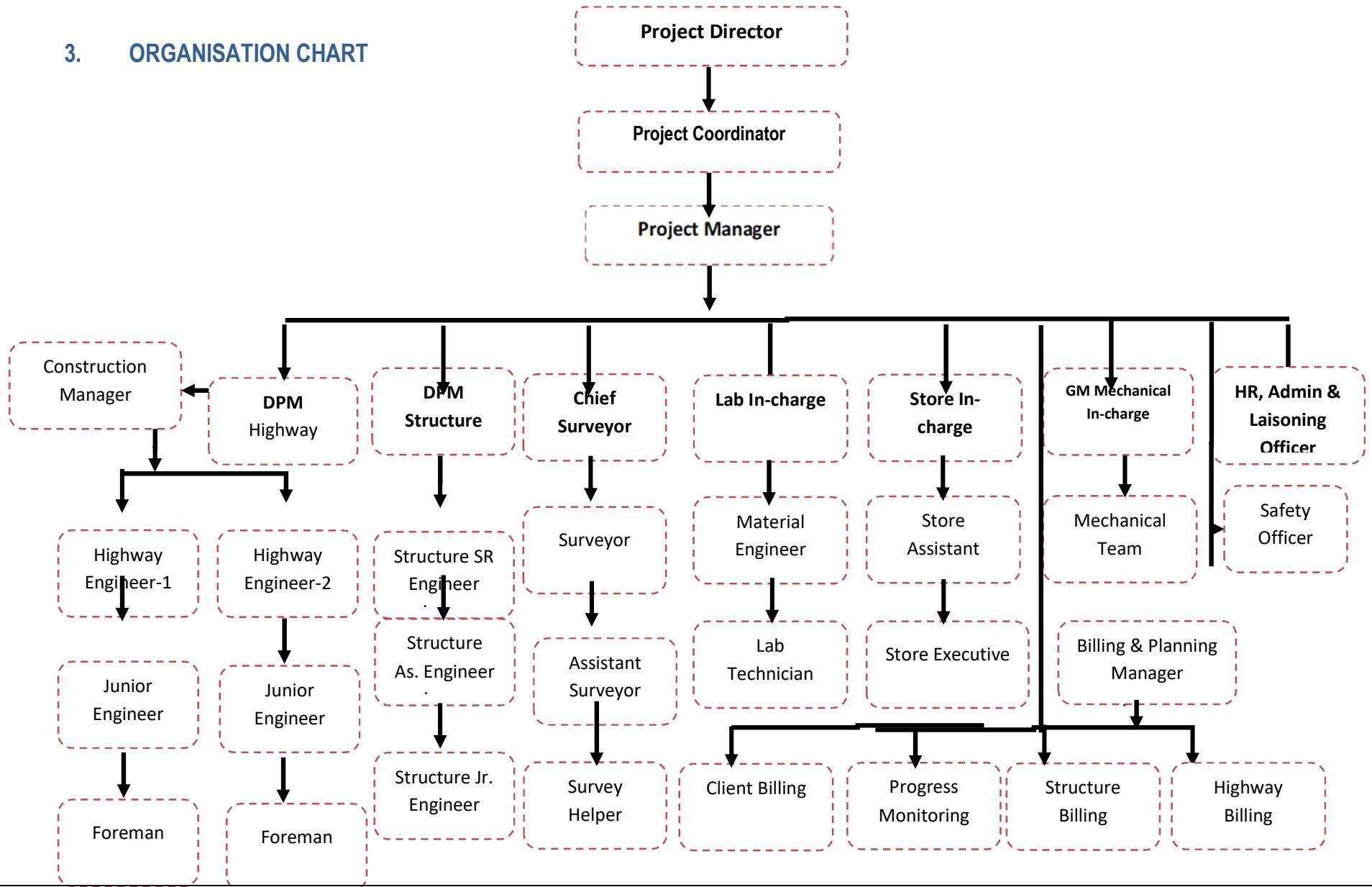
2. LOCATION PLAN



Location Map of the Project (Package- III)



3. ORGANISATION CHART



4. CRITICAL ISSUES AND ACTION LOG

Pending Issues and action log								
SI. 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	0.690 BHS				Under Process
3	EHT Line Shifting		NHAI					Under Process
4	Approval for Design and Drawings		NHAI					Under Process

Obligations of Independent Engineer				
SI. 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
i)		Labour License	Obtained	MKC Ujjain-Garoth Mahakaleshwar Highway Pvt.Ltd./2022-23/68 Dated.08.12.2022
7		Handover Memorandum	Obtained	



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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	In Progress
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	In Progress
7	VII (Seventh)	60 % of Physical Progress	
8	VIII (Eighth)	70 % of Physical Progress	
9	IX (Ninth)	80 % of Physical Progress	
10	X (Tenth)	90 % of Physical Progress	

7. MOBILISATION OF PLANT & MACHINERY

Plant & Machinery available at site As on 31-12-2023				
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	

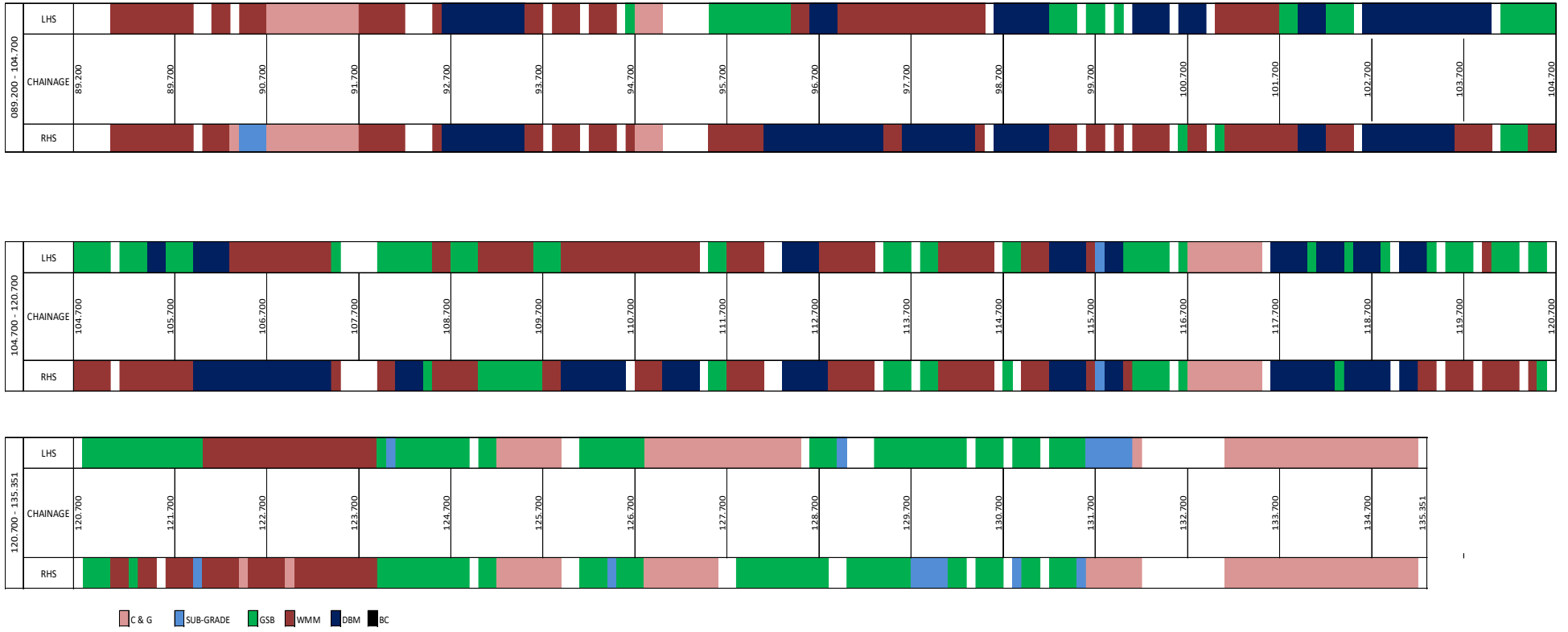


Store & Inventory			
29	Mr. Lal Babu Giri (Manager)	1	
30	Executives/Jr. Executives	13	
Plant & Equipment			
31	Mr. Krutibasa Sahoo (Manager)	1	
32	Senior Engineer	1	
33	Engineer	1	
34	Supervisor	3	
35	Foreman/Mechanic/Electrician/GET	10	
Total		99	

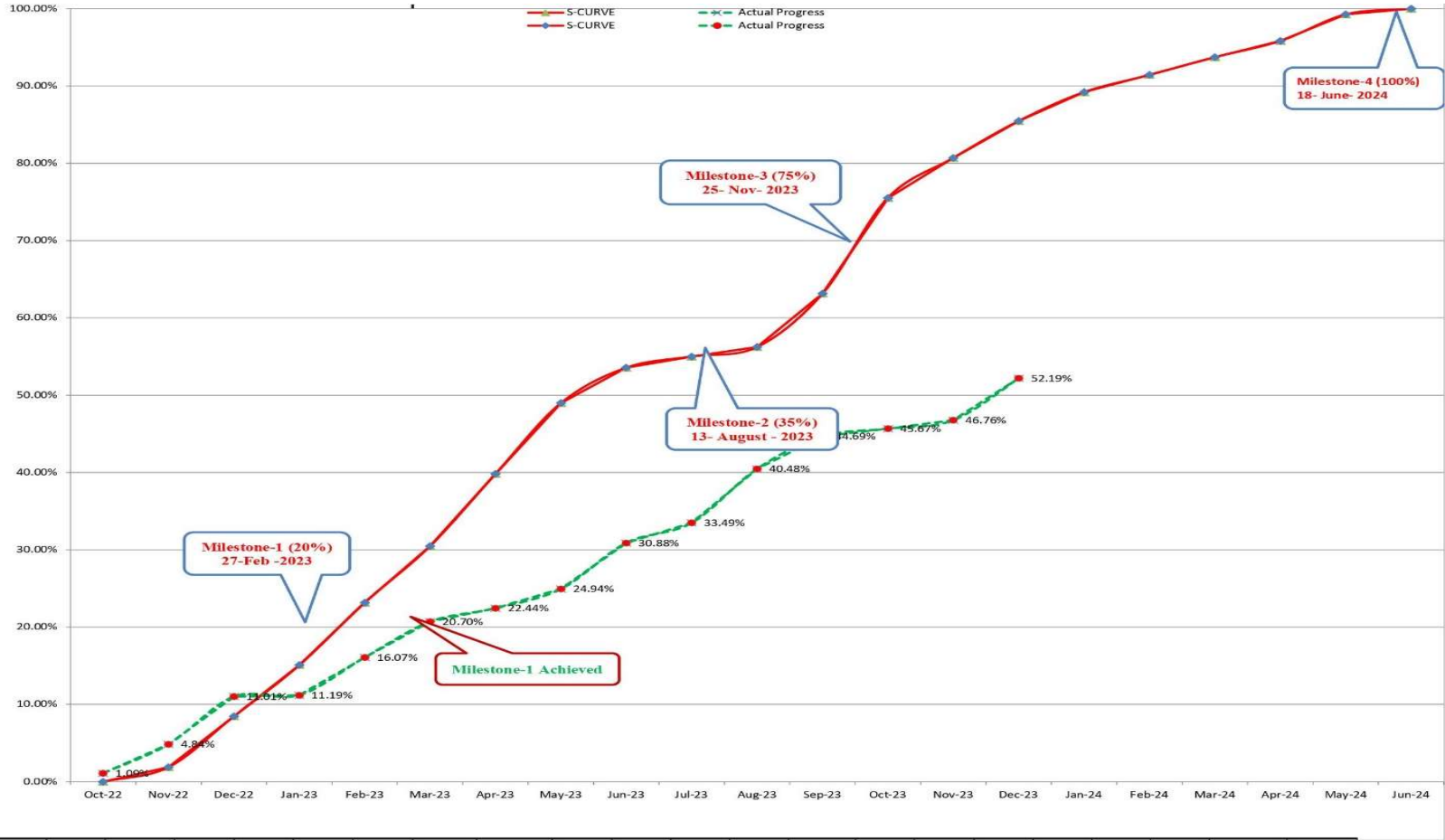


9. HIGHWAY STRIP CHART

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



10. S-Curve:-



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%						
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%						

11. STRUCTURE STRIP CHART

(A) BOX CULVERT																		
SI No	LHS							P&P Chainage	Chainage as per Schedule-B	Type of Structure	RHS							Remarks
	Parapet	U wall	Super	Sub Str	Foundati on	PCC	Excavati				Excavati	PCC	Foundati	Sub Str	Super	U wall	Parapet	
1								89+375	89+374	BC								
2								90+710	90+970	BC								
3								91+547	91+554	BC								
4								92+330	92+340	BC								
5								93+081	93+081	BC								
6								93+395	93+395	BC								
7								94+400	94+400	BC								
8								94+930	94+930	BC								
9								95+200	94+008	BC								
10								96+250	96+242	BC								
11								96+626	96+634	BC								
12								97+460	97+400	BC								
13								97+558	97+537	BC								
14								99+900	99+500	BC								
15								100+100	100+158	BC								
16								100+750	100+750	BC								
17								101+750	101+750	BC								
18								101+893	101+890	BC								
19								102+600	102+400	BC								
20								103+274	103+300	BC								
21								103+610	103+610	BC								
22								104+050	104+050	BC								
23								104+414	104+400	BC								
24								105+580	105+580	BC								
25								105+936	105+950	BC								
26								106+350	106+350	BC								
27								106+667	106+661	BC								
28								107+090	107+863	BC								
29								107+161	107+145	BC								
30								108+763	108+747	BC								
31								109+560	109+554	BC								
32								109+725	109+670	BC								
33								110+008	110+010	BC								
34								110+448	110+450	BC								
35								111+098	111+100	BC								
36								111+745	111+635	BC								
37								111+931	111+931	BC								
38								112+000	112+116	BC								
39								112+300	113+050	BC								
40								112+600	112+600	BC								
41								113+360	113+880	BC								
42								113+600	113+582	BC								



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43							114+041	114+035	BC										
44							114+480	114+300	BC										
45							115+125	115+125	BC										
46							115+250	115+440	BC										
47							115+800	115+733	BC										
48							116+530	116+400	BC										
49							116+750	116+873	BC										
50							117+240	117+150	BC										
51							117+918	117+910	BC										
52							118+455	118+200	BC										
53							118+490	118+478	BC										
54							118+822	118+800	BC										
55							119+000	119+050	BC										
56							119+506	119+550	BC										
57							120+159	120+159	BC										
58							120+400	120+400	BC										
59							120+560	120+225	BC										
60							121+017	120+995	BC										
61							121+230	121+151	BC										
62							121+311	121+313	BC										
63							122+007	121+975	BC										
64							122+350	122+350	BC										
65							122+500	122+650	BC										
66							123+420	123+426	BC										
67							123+733	123+710	BC										
68							123+950	123+200	BC										
69							124+085	124+300	BC										
70							124+777	124+700	BC										
71							125+550	125+350	BC										
72							125+870	125+120	BC										
73							126+170	126+163	BC										
74							126+388	126+380	BC										
75							126+561	126+550	BC										
76							127+944	127+925	BC										
77							128+257	128+243	BC										
78							128+652	128+640	BC										
79							128+950	128+950	BC										
80							129+712	129+702	BC										
81							130+400	130+400	BC										
82							131+200	131+190	BC										
83							131+343	131+332	BC										
84							131+830	131+813	BC										
85							132+107	132+100	BC										
86							132+410	132+400	BC										
87							132+720	126+817	BC										
88							132+880	132+750	BC										
89							133+125	133+112	BC										
90							133+363	133+360	BC										
91							133+722	133+712	BC										

92								133+902	133+885	BC							
93								134+400	134+400	BC							
94								135+180	89+938	BC							
95								135+280	Not in C.A	BC							

(B) Minor Bridge

SI No	Misc work	LHS					P&P Chainage	Chainage as per Schedule -B	Span Arrangement	Type of Structure	RHS						
		Return/Retaining wall	Super Str	Sub Str	Foundation	PCC					Excavation	Excavation	PCC	Foundation	Sub Str	Super Str	Return/Retaining wall
1							93+784	93+784	1x20	MNB							
2							94+250	94+250	2x20	MNB							
3							94+605	94+605	1x30	MNB							
4							98+600	98+600	1x20	MNB							
5							99+345	99+345	1x10	MNB							
6							99+592	99+592	2x20	MNB							
7							100+600	100+600	2x20	MNB							
8							101+000	101+000	2x20	MNB							
9							104+086	104+086	2x20	MNB							
10							104+251	104+251	1x20	MNB							
11							105+097	105+097	1x30	MNB							
12							107+929	107+929	1x10	MNB							
13							108+513	108+513	1x10	MNB							
14							110+659	110+659	1x10	MNB							
15							111+554	111+554	1x30	MNB							
16							113+409	113+409	2x20	MNB							
17							114+730	114+730	1x20	MNB							
18							116+157	116+157	1x20	MNB							
19							116+594	116+594	1x20	MNB							
20							118+073	118+073	1x10	MNB							
21							118+320	118+320	1x10	MNB							
22							119+346	119+346	1x10	MNB							
23							119+734	119+734	1x10	MNB							
24							120+681	120+681	1x25	MNB							
25							121+620	121+620	1x20	MNB							
26							123+020	123+020	1x20	MNB							
27							125+304	125+304	1x10	MNB							
28							125+446	125+446	1x10	MNB							
29							130+147	130+147	1x10	MNB							
30							90+028	90+028	1x30	MNB							
31							131+662	131+662	1x10	MNB							
32							132+284	132+284	1x10	MNB							

(C) LVUP																
SI No.	Misc work	LHS					P&P Chainage	Chainage as per Schedule-B	Type of Structure	RHS						
		Return/Retaining wall	Super Str	Sub Str	Foundation	PCC				Excavation	Excavation	PCC	Foundation	Sub Str	Super Str	Return/Retaining wall
1							104+853	104+853	LVUP							
2							114+916	114+916	LVUP							
3							127+512	127+512	LVUP							

(D) SVUP																
SI No.	Misc work	LHS					P&P Chainage	Chainage as per Schedule-B	Type of Structure	RHS						
		Return/Retaining wall	Super Str	Sub Str	Foundation	PCC				Excavation	Excavation	PCC	Foundation	Sub Str	Super Str	Return/Retaining wall
1							110+841	110+841	SVUP							
2							119+903	119+903	SVUP							
3							126+828	126+828	SVUP							

(E) VUP																
SI No.	Misc work	LHS					P&P Chainage	Chainage as per Schedule-B	Type of Structure	RHS						
		Return/Retaining wall	Super Str	Sub Str	Foundation	PCC				Excavation	Excavation	PCC	Foundation	Sub Str	Super Str	Return/Retaining wall
1							095+062	095+062	VUP							
2							134+117	134+117	VUP							

(F) Major Bridge															
SI No.	LHS						P&P Chainage	Chainage as per Schedule-B	Type of Structure	RHS					
	Misc work	Return/Retaining wall	Super Str	Sub Str	Foundation	PCC				Excavation	Excavation	PCC	Foundation	Sub Str	Super Str
1							113+818	113+818	MJB						
2							130+798	130+798	MJB						

12. PROGRESS REPORT

• HIGHWAYS:-

SI No	Description	Total (Km)	Completed (Km)	Balance (Km)	% Of Completion
1	Sub-grade	88.902	68.42	20.480	76.96%
2	GSB	88.362	62.35	26.012	70.56%
3	WMM 1st Layer with Geogrid	88.362	57.55	30.812	65.13%
4	AI (WMM)	88.362	47.23	41.132	53.45%
5	DBM	88.362	33.02	55.340	37.37%
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	142	15	33
2	MNB	32	26	4	2
3	SVUP	3	2	1	0
4	LVUP	3	2	0	1
5	VUP	2	1.5	0.5	0

• CONSTRUCTION PROGRESS IN CURRENT MONTH:-

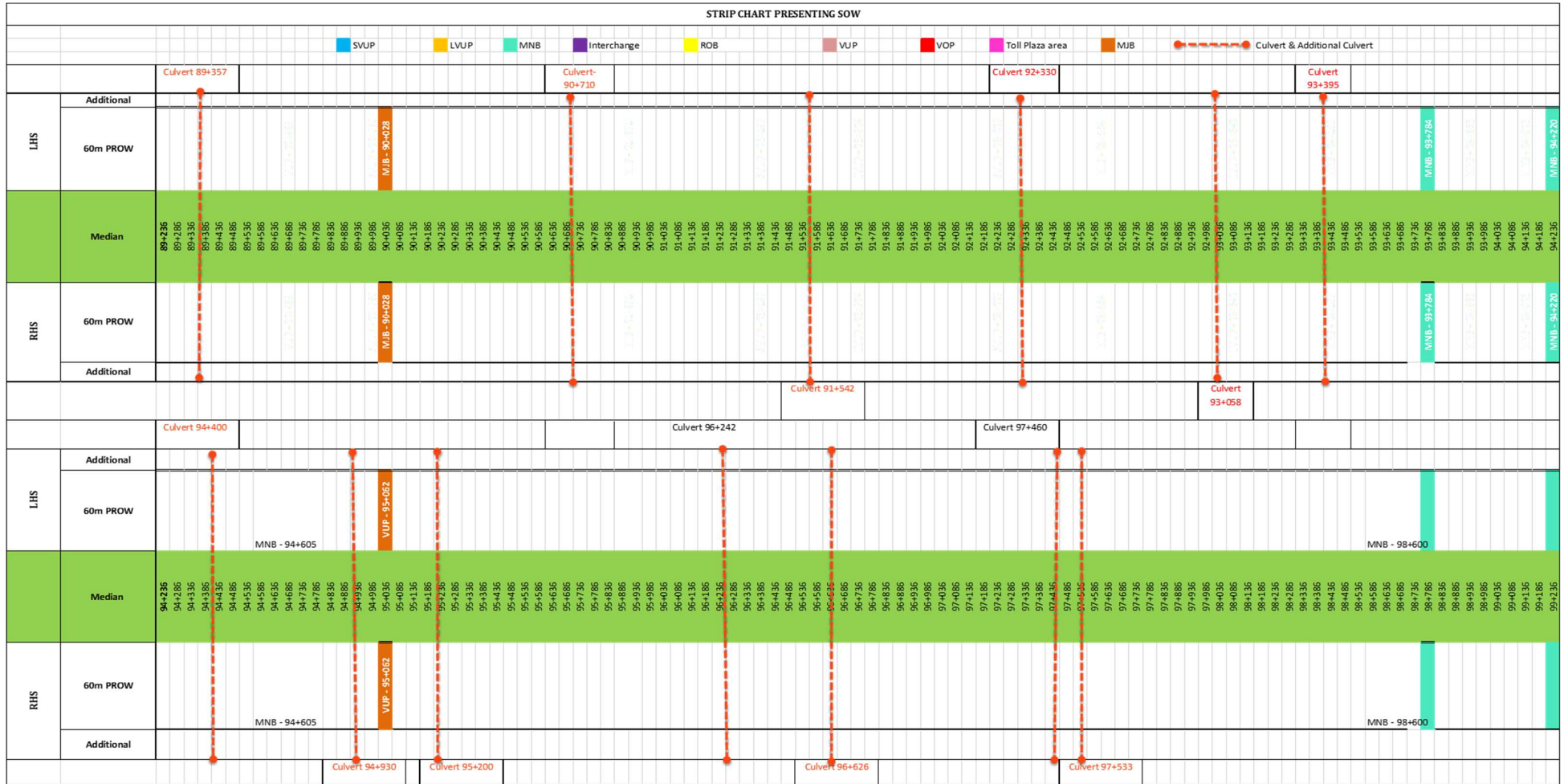
SI No	Description	Up to previous month as per Schedule	Up to previous month Achieved	This month as per Schedule	This month Achieved	Cumulative as per Schedule	Cumulative Achieved
1	Physical Progress	80.69%	47.49%	4.77%	4.70%	85.46%	52.190%
2	Expenditure (In Cr)	482.54	279.60	28.52	28.08	511.06	312.09

• Current Issues & recommended action by IE:-

• Issues: -



• Detailed Strip Plan:-

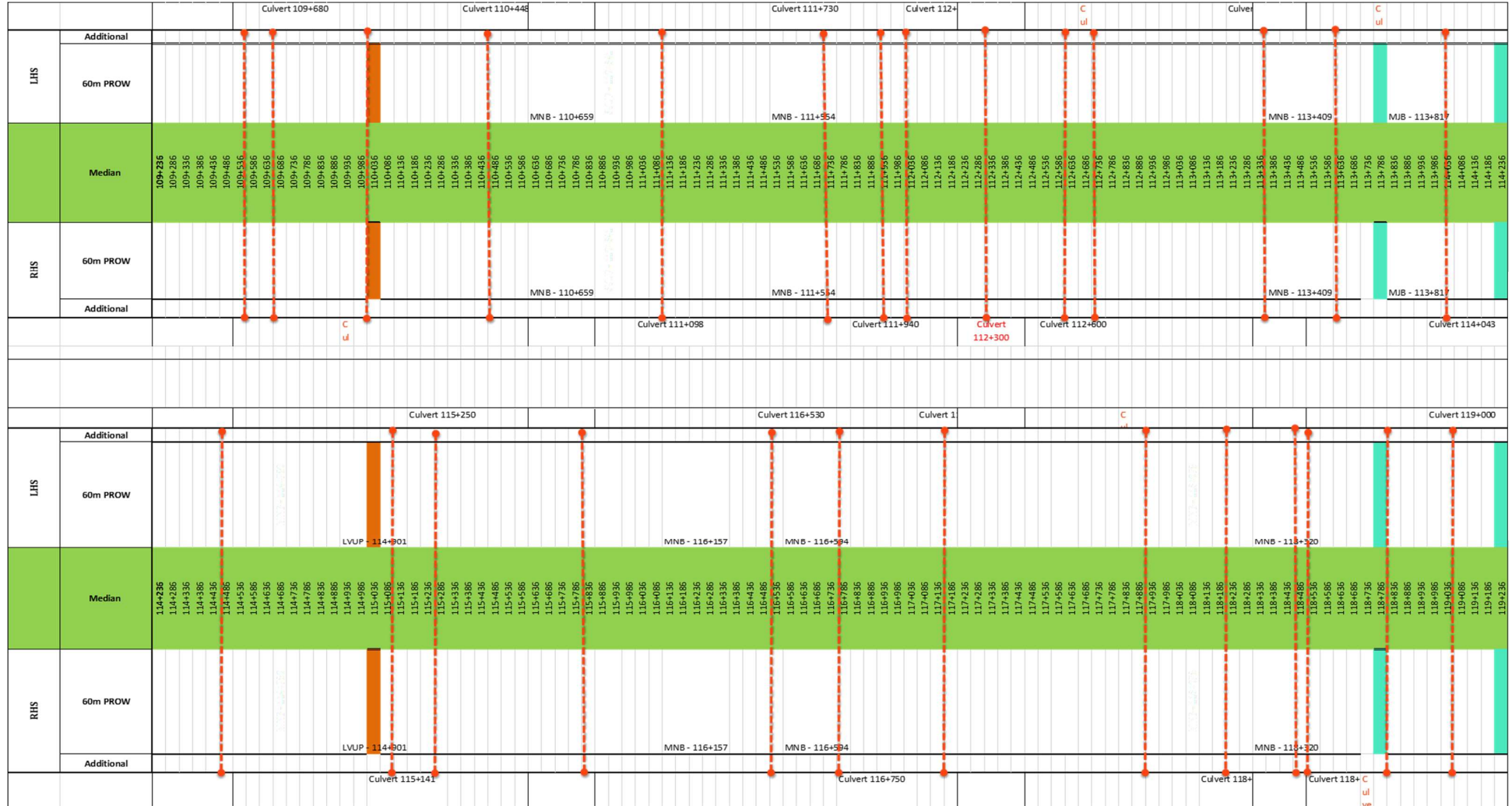




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	LHS	Culvert 100+754										Culvert 101+890										Culvert 101										Culvert 104+050																			
		Additional																																																	
	RHS	Culvert 100+090										Culvert 101+750										Culvert 103+610										Culvert 104+086																			
		Additional																																																	
		Culvert 105+580										Culvert 106+350										Culvert 107+161										Culvert 108+747																			
	LHS	MNB - 99+345										MNB - 99+592										MNB - 100+500										MNB - 101+000																			
		60m PROW																																																	
	RHS	MNB - 99+345										MNB - 99+592										MNB - 100+500										MNB - 101+000																			
		60m PROW																																																	
	LHS	Median																																																	
		60m PROW																																																	
	RHS	MNB - 104+251										LVUP - 104+650										MNB - 105+097										MNB - 107+929										MNB - 108+513									
		60m PROW																																																	
	RHS	MNB - 104+251										LVUP - 104+650										MNB - 105+097										MNB - 107+929										MNB - 108+513									
		Additional																																																	
		Culvert 106+667										Culvert 107+090										Culvert 108+747										Culvert 109+236																			





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		Culvert 120+159										Culvert 120+400										Culvert 121+230										122+007										Culvert 122+500										Culvert 123+420										Culvert 123+950																																								
LHS	Additional																																																																																																					
	60m PROW																																																																																																					
		MNB - 119+346										MNB - 11 SVUP - 119+903										MNB - 120+4										MNB - 121+620																				MNB - 123+020																																																		
LHS	Median	119+736	119+786	119+836	119+886	119+936	119+986	119+036	119+086	120+086	120+136	120+186	120+236	120+286	120+336	120+386	120+436	120+486	120+536	120+586	120+636	120+686	120+736	120+786	120+836	120+886	120+936	120+986	121+036	121+086	121+136	121+186	121+236	121+286	121+336	121+386	121+436	121+486	121+536	121+586	121+636	121+686	121+736	121+786	121+836	121+886	121+936	121+986	122+036	122+086	122+136	122+186	122+236	122+286	122+336	122+386	122+436	122+486	122+536	122+586	122+636	122+686	122+736	122+786	122+836	122+886	122+936	122+986	123+036	123+086	123+136	123+186	123+236	123+286	123+336	123+386	123+436	123+486	123+536	123+586	123+636	123+686	123+736	123+786	123+836	123+886	123+936	123+986	124+036	124+086	124+136	124+186	124+236									
	60m PROW																																																																																																					
		MNB - 119+346										MNB - 11 SVUP - 119+903										MNB - 120+4										MNB - 121+620																				MNB - 123+020																																																		
RHS	Additional																																																																																																					
	60m PROW																																																																																																					
		MNB - 119+346										MNB - 11 SVUP - 119+903										MNB - 120+4										MNB - 121+620																				MNB - 123+020																																																		
												Culvert										121+017										121+311																														Culvert																																								
		Culvert 124+085										Culvert										Culvert 126+170										Culvert 126+561																														Culvert										Culvert																														
LHS	Additional																																																																																																					
	60m PROW																																																																																																					
												MNB - 125+304										MNB - 125+446										SVUP - 12										ROB - 127+207										LV																																																		
LHS	Median	124+236	124+286	124+336	124+386	124+436	124+486	124+536	124+586	124+636	124+686	124+736	124+786	124+836	124+886	124+936	124+986	125+036	125+086	125+136	125+186	125+236	125+286	125+336	125+386	125+436	125+486	125+536	125+586	125+636	125+686	125+736	125+786	125+836	125+886	125+936	125+986	126+036	126+086	126+136	126+186	126+236	126+286	126+336	126+386	126+436	126+486	126+536	126+586	126+636	126+686	126+736	126+786	126+836	126+886	126+936	126+986	127+036	127+086	127+136	127+186	127+236	127+286	127+336	127+386	127+436	127+486	127+536	127+586	127+636	127+686	127+736	127+786	127+836	127+886	127+936	127+986	128+036	128+086	128+136	128+186	128+236	128+286	128+336	128+386	128+436	128+486	128+536	128+586	128+636	128+686	128+736	128+786	128+836	128+886	128+936	128+986	129+036	129+086	129+136	129+186	129+236
	60m PROW																																																																																																					
		Culvert 124+777										Culvert 125+304										Culvert 126+388										Culvert 126+828																														Culvert 11										Culvert 128+950																														
RHS	Additional																																																																																																					
	60m PROW																																																																																																					
												MNB - 12										MNB - 125+446										SVUP - 12										ROB - 127+207										LV																																																		



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		Culvert 129+712										Culvert 131+200										Culvert 131+830										Culvert 133+125										Culvert 133+284									
LHS	Additional																																																		
	60m PROW																																																		
Median		MNB - 130+147										MNB -										MNB - 131+662										MNB - 132+284																			
RHS																																																			
RHS	60m PROW																																																		
	Additional																																																		
		Culvert 130+400										Culvert 131+943										Culvert 132+										Culvert 133+																			
		Culvert 135+180										Culvert 135+280																																							
LHS	Additional																																																		
	60m PROW																																																		
Median		MNB - 134+236										MNB - 134+286										MNB - 134+336										MNB - 134+386										MNB - 134+436									
RHS																																																			
RHS	60m PROW																																																		
	Additional																																																		

13. LAND ACQUISITION AND CILEARENCE

Description	Land (Km)	Remark
Total Land Required	46.115	
Available Land Till 30.12.2023 (LHS)	44.705	
Available Land Till 30.12.2023 (RHS)	44.705	
Unavailable Land Till 30.12.2023 (LHS)	1.410	
Unavailable Land Till 30.12.2023 (RHS)	1.410	
Additional Land Required (ROB)	0.640	

Si. No.	Chainage		Effected Length (M)	Remark
	From	To		
1	122+180	122+190	10	COURT MATTER
2	122+200	122+230	30	COURT MATTER
3	133+500	133+550	50	The farmer kept saying that he has not received the money for his 9 orange trees.
4	94+800	95+460	660	Award has been pending in SDM Office Gangdhar
5	89+600	89+620	20	The farmer kept saying that he has not received the money for his 35 orange trees.
6	ROB		640	Farmer are not taking notice
	Total Length		1410	

14. PHYSICAL PROGRESS

PHYSICAL PROGRESS AS ON 31-12-2023						
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%	68.42	12.07%	
(2) Granular work (sub-base, base, shoulders)						
(a) CTSB/GSB	L-Km	88.362	5.700%	62.35	4.02%	
(b-1) WMM 1st Layer with Triaxial Geogrid Reinforced Material	L-Km	88.362	4.000%	57.55	2.61%	
(b-2) WMM Top Layer	L-Km	88.362	2.200%	47.23	1.18%	
(3) Shoulders	L-Km	88.362	0.060%	40	0.03%	
(4) Bituminous work						
(a) DBM	L-Km	88.362	6.390%	33.02	2.39%	
(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%	142	5.84%	
(2) Minor bridges						
(a) Foundation	No.	32.00	5.52%	30	5.18%	
(b) Sub-structure	No.	32.00	4.80%	29	4.35%	
(c) Super-structure (including crash barriers etc. complete)	No.	32.00	4.81%	26	3.91%	
(5) Grade separated structures (a) Underpasses						
(i) Foundation	No.	8.00	0.050%	6.5	0.04%	
(ii) Sub-structure	No.	8.00	1.740%	6.5	1.41%	
(iii) Super-structure (including crash barriers etc. Complete)	No.	8.00	0.170%	5.5	0.12%	
C- New Major Bridges						
(1) Foundation	No.	2.00	1.510%	1	0.76%	
(2) Sub-structure	No.	2.00	0.420%	1	0.21%	
(3) Super-structure (including crash barriers etc. complete)						
(i) Super Structure - Box	No.					
(ii) Casting of Girders (40%)	No.	2.00	0.576%	0.5	0.14%	

(iii) Girder Erection & Deck Slab (60%)	No.	2.00	0.864%	0.5	0.22%	
D - New rail-road bridges (a) ROB				0		
(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		0		
(i) Casting of Pre Cast Girder (40%)	No.	1.00	0.590%	0	0.00%	
(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%	19,877.00	0.17%	
(ii) Completion of RE Wall Erection (including RCC crash barriers with Friction Slab etc.complete)	Sqm.	19,877.00	3.290%		0.00%	
Other Works				0		
(i) Service roads/ Slip Roads	km	2,708.00	0.850%	0	0.00%	
(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%	0	0.00%	
c. Completion of all finishing works including building and toll Plaza & Fixing of equipments (40%)	No.	1.00	0.620%	0		
(ii) (b) Toll Plaza on Entry & Exit Ramp						
a. Completion of PQC (30%)	No.	4.00	0.882%	0	0.00%	
b. Completion of Building Works (30%)	No.	4.00	0.882%	0	0.00%	
c. Completion of all finishing works including building and toll Plaza & Fixing of equipments (40%)	No.	4.00	1.176%	0	0.00%	
(iii) Road Side Drain (Unlined)	km	88.90	0.340%	0	0.00%	
(iv) Road signs, marking, Km stones, Safety Devices						
(iv) (a) Road signs, marking, Km stones etc.	km	88.90	1.940%	0	0.00%	
(iv) (b) Concrete Crash Barrier/ W-Beam Crash Barrier in Road work	km	151.50	9.490%	44.8	2.81%	
(iv) (c) Steel Railing	km	5.57	0.080%	0	0.00%	
(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%	6	0.06%	
(vii) Road side/Median plantation	No.	36,880.00	0.840%	1000	0.02%	
(vii) Protection Works						
(viii) (a) Boulder Pitching on slopes	km	0.83	0.150%	0	0.00%	
(viii) (b) Toe Wall/Retaining wall/Boundary Wall	km	2.60	0.110%	0	0.00%	
(viii) (c) River Training Work	km	0.83	0.160%	0	0.00%	
(x) Miscellaneous Works						
(x) (c) Connecting Road	km	3.30	0.430%		0.00%	
(x) (d) Tree Cutting	km	88.90	0.020%	88.9	0.02%	
(x) (e) (a) Major Junction	No.	2.00	0.220%		0.00%	
(x) (e) (b) Minor Junction	No.	16.00	0.180%		0.00%	
(x) (f) Rain Water Harvesting System	No.	92.00	0.210%		0.00%	
(x) (h) ATMS	km	46.10	2.020%		0.00%	
(x) (i) Pathway	km	4.50	0.270%		0.00%	
(x) (j) Utility Shifting	km	46.10	3.867%	39.264	3.29%	
Upto date Physical Progress=					52.190%	
Since Previous Progress=					47.494%	
This Month Progress=					4.70%	



15. CORRESPONDENCE

• Details of Incoming Letters - IE

S. No	Letter No.	Date	Subject
1	LNMIPPL/PD/NHAI/Ujjain-Garoth/2023-24/943/U-G-3	02.12.2023	Joint Monthly Site Inspection Report for The Month of November.2023 Package-III
2	LNMIPPL/PD/NHAI/Ujjain-Garoth/2023-24/948/U-G-3	04.12.2023	Slow Progress.
3	LNMIPPL/PD/NHAI/Ujjain-Garoth/2023-24/962/U-G-3	13.12.2023	Finalization of Location of Bus shelter
4	LNMIPPL/PD/NHAI/Ujjain-Garoth/2023-24/963/U-G-3	13.12.2023	Finalization of Location for Toilet Blocks
5			
6	LNMIPPL/PD/NHAI/Ujjain-Garoth/2023-24/965/U-G-3	13.12.2023	Finalization of Location for Median Opening
7	LNMIPPL/PD/NHAI/Ujjain-Garoth/2023-24/966/U-G-4	14.12.2023	Approval of Tree Plantation Scheme
8	LNMIPPL/PD/NHAI/Ujjain-Garoth/2023-24/967/U-G-4	14.12.2023	Submission of Plan & Profile of Main Carriageway Toll Plaza.
9	LNMIPPL/PD/NHAI/Ujjain-Garoth/2023-24/969/U-G-4	15.12.2023	Reg Approval of Location for Rainwater Harvesting.
10	LNMIPPL/PD/NHAI/Ujjain-Garoth/2023-24/983U-G-4	23.12.2023	983. Reg Monthly Joint Site Inspection for the month of December 2023 as per Clause 13.2, Article 13 of the Concession Agreement.
11	LNMIPPL/PD/NHAI/Ujjain-Garoth/2023-24/990U-G-4	28.12.2023	Leave Application on dated 01.01.2024 (One day)
12	LNMIPPL/PD/NHAI/Ujjain-Garoth/2023-24/991U-G-5	28.12.2023	Details of Median Plantation
13	LNMIPPL/PD/NHAI/Ujjain-Garoth/2023-24/992U-G-5	28.12.2023	Permission for adopting the RDSO approved drawing for Super Structure at ROB location (Ch. 127+197)
14	LNMIPPL/PD/NHAI/Ujjain-Garoth/2023-24/994U-G-5	29.12.2023	Regarding: - ATMS provision at site

• Details of Incoming Letters – NHAI

S. No	Letter No.	Date	Subject
1	NHAI/PIU/Ujjain/UG-III/ROB/2023/2071	01.12.2023	Letter No_2071 Tree Cutting - Reg.
2	NHAI/PIU/Ujjain/UG-III/ROB/2023/2074	01.12.2023	Proposal for Publication of Toll Fee Notification - Reg.
3	NHAI/PIU/Ujjain/UG-III/ROB/2023/2089	04.12.2023	Letter No_2089 Office ODREER
4	NHAI/PIU/Ujjain/UG-III/ROB/2023/2118	11.12.2023	सड़क पर 'क' क्षेत्र में द्विभाषी तथा 'ख' एवं 'ग' क्षेत्र में त्रिभाषी साइनबोर्ड अनिवार्य करने के संबंध में।



5	NHAI/PIU/Ujjain/UG-III/ROB/2023/2180	21.12.2023	Observations on Provision of Crash Barrier - Reg.
6	NHAI/PIU/Ujjain/UG-III/ROB/2023/2182	21.12.2023	सुवासरा गुराडियाकला मार्ग के कि.मी ६में गरोठ उज्जैन ४ लेन क्रॉसिंग के संबंध में।
7	NHAI/PIU/Ujjain/UG-III/ROB/2023/2192	21.12.2023	Observations on provision of crash barrier (Ujjain-Garoth Pkg. -I,II,III) .reg.
8	NHAI/PIU/Ujjain/UG-III/ROB/2023/2217	27.12.2023	Submission of QAP & WPSS of ROB Ch. 127+197 (Railway Ch. 79022) Shamgarh & Garoth Station of Kota-Nagda section
9	NHAI/PIU/Ujjain/UG-III/ROB/2023/2233	28.12.2023	Letter No_2233 Permission for Adopting the RDSO Approved drawing for Super Structure at ROB at Ch. 127+197 Railway Ch. 79022 - Reg.
10	NHAI/PIU/Ujjain/RSA/2023/2236	28.12.2023	Letter No_2236 Pending Report Submission for Road Safety Audit by Safety Auditor.

• **Details of Outgoing Letters**

Sr. No.	Letter No.	Date	Description
1	MKC UGMH Pvt.Ltd./2023-24/481	01.12.2023	Submission of Change of Scope (COS)
2	MKC UGMH Pvt.Ltd./2023-24/482	02.12.2023	Requesting for shutdown of 11KV (HT) electric line
3	MKC UGMH Pvt.Ltd./2023-24/483	03.12.2023	Submission of Drone Videography.
4	MKC UGMH Pvt.Ltd./2023-24/485	05.12.2023	Submission of Material for Third Party Laboratory Testing
5	MKC UGMH Pvt.Ltd./2023-24/486	06.12.2023	Submission of Monthly Progress Report of November
6	MKC UGMH Pvt.Ltd./2023-24/487	11.12.2023	Regarding finalization of location for bus shelter
7	MKC UGMH Pvt.Ltd./2023-24/488	11.12.2023	Regarding finalization of location for median opening
8	MKC UGMH Pvt.Ltd./2023-24/489	11.12.2023	Regarding Submission of Location for Rain Water Harvesting.
9	MKC UGMH Pvt.Ltd./2023-24/490	11.12.2023	Regarding finalization of location for Toilet Block
10	MKC UGMH Pvt.Ltd./2023-24/491	11.12.2023	Regarding Design & Drawing of Major Bridge at Ch. 130+798
11	MKC UGMH Pvt.Ltd./2023-24/492	11.12.2023	Regarding Submission of Revised Drawing of W-Beam Crash Barrier.
12	MKC UGMH Pvt.Ltd./2023-24/493	11.12.2023	Regarding Submission of Tree Plantation Scheme.
13	MKC UGMH Pvt.Ltd./2023-24/494	11.12.2023	Regarding Submission of Plan & Profile of Main Carriageway Toll Plaza.
14	MKC UGMH Pvt.Ltd./2023-24/496	13.12.2023	Regarding Necessary alteration in Approved GAD of Railway Over Bridge (ROB).
15	MKC UGMH Pvt.Ltd./2023-24/497	16.12.2023	Closure of NCR No.20- At Chainage 104+645 (LVUP).
16	MKC UGMH Pvt.Ltd./2023-24/498	16.12.2023	Closure of NCR No.21- At Chainage 110+863 (SVUP)
17	MKC UGMH Pvt.Ltd./2023-24/499	18.12.2023	Submission of PMB Bitumen Testing for third party Laboratory Test



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18	MKC UGMH Pvt.Ltd./2023-24/500	20.12.2023	Submission of Third - Party Test Report
19	MKC UGMH Pvt.Ltd./2023-24/501	21.12.2023	Regarding Stoppage of Structure Work at Ch. 109+670 (LVUP).
20	MKC UGMH Pvt.Ltd./2023-24/502	22.12.2023	Submission of Borrow Area Test Result for Approval
21	MKC UGMH Pvt.Ltd./2023-24/503	22.12.2023	Submission for Approval of Bituminous Concrete Mix Design Grade-II
22	MKC UGMH Pvt.Ltd./2023-24/504	22.12.2023	Submission of Revised QAP (Quality Assurance Plan) & WPSS (Welding Procedure Specification Sheet) for Composite Steel Girder.
23	MKC UGMH Pvt.Ltd./2023-24/505	22.12.2023	Regarding Permission for Adopting the RDSO approved drawing for Super Structure at ROB Location (Ch. 127+197).
24	MKC UGMH Pvt.Ltd./2023-24/506	22.12.2023	Regarding Damage Broken of WRD Pipe line under ROW
25	MKC UGMH Pvt.Ltd./2023-24/507	23.12.2023	Regarding Submission of Design & Drawing of Box Culvert at Ch. 94+008 (1x5x3), Ch. 123+710 (1x5x4), Ch. 125+120 (1x3x3) & Ch. 125+726 (1x5x3).
26	MKC UGMH Pvt.Ltd./2023-24/510	25.12.2023	Compliance on Monthly Joint Site Inspection Report for the Month of November - 2023 as per Clause 13.2, Article 13 of the Concession Agreement.
27	MKC UGMH Pvt.Ltd./2023-24/511	25.12.2023	Submission of Handing Over/Taken Over Certificate of Electrical Utility Shifting (Sitamau Division)
28	MKC UGMH Pvt.Ltd./2023-24/512	26.12.2023	Regarding Release of Balance Payment against MSP-04 for Electrical Utility Shifting.
29	MKC UGMH Pvt.Ltd./2023-24/515	29.12.2023	Submission of Profile and Credential for Road Furniture Materials (High-Rise Industries).

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	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	LNMIPL/Ujjain-Garoth/2022-23/128/U-G-3	Safety arrangement at intersections.						Pending	
4	LNMIPL/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	16.01.2023	MKC Ujjain-Garoth Mahakaleshwar Highway PVT.LTD./2022-23/145	03.02.2023	LNMIPL/Ujjain-Garoth/2022-23/256/U-G-3	11.02.2023	Closed	



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		than 150mm to 200mm							
5	LNMIPL/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	LNMIPL/Ujjain-Garoth/2022-23/257/U-G-3	11.02.2023	Closed	
6	LNMIPL/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	LNMIPL/Ujjain-Garoth/2022-23/283/U-G-3	20.02.2023	Closed	
7	LNMIPL/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	LNMIPL/Ujjain-Garoth/2022-23/258/U-G-3	11.02.2023	Closed	
8	LNMIPL/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	LNMIPL/Ujjain-Garoth/2022-23/259/U-G-3	11.02.2023	Closed	



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9	LNMIPL/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	LNMIPL/Ujjain-Garoth/2022-23/278/U-G-3	20.02.2023	Closed	
10	LNMIPL/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	LNMIPL/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	



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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	



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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					Pending	
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					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- 23/666	03.08.2023	LNMIPL/Ujjain- Garoth/2022- 23/972/U-G-3		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	03.08.2023	MKC Ujjain-Garoth Mahakaleshwar Highway PVT.LTD./2022- 23/667	03.08.2023	LNMIPL/Ujjain- Garoth/2022- 23/973/U-G-3		Closed	



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		retaining wall in a limited section							
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					Pending	

17. WEATHER REPORT

Weather Report for the Month of December-2023										
SL. NO.	DATE	TEMPERATURE °c		REL. HUMIDITY %		WEATHER	RAIN FALL (mm)	CUMM. RAIN FALL (mm)	REMARKS	
		MIN.	MAX.	MIN.	MAX.					
1	1-Dec-2023	17.0	25.0	66	74	Rainy	30	30		
2	2-Dec-2023	16.0	26.0	69	80	Cloudy	0	30		
3	3-Dec-2023	17.0	24.0	72	84	Cloudy	0	30		
4	4-Dec-2023	15.0	24.0	68	78	Cloudy	0	30		
5	5-Dec-2023	14.0	23.0	69	85	Cloudy	0	30		
6	6-Dec-2023	15.0	24.0	70	87	Sunny	0	30		
7	7-Dec-2023	14.0	26.0	69	86	Sunny	0	30		
8	8-Dec-2023	14.0	24.0	70	84	Sunny	0	30		
9	9-Dec-2023	13.0	24.0	76	85	Sunny	0	30		
10	10-Dec-2023	12.0	25.0	72	80	Sunny	0	30		
11	11-Dec-2023	13.0	24.0	70	81	Sunny	0	30		
12	12-Dec-2023	12.0	26.0	66	77	Sunny	0	30		
13	13-Dec-2023	13.0	25.0	64	82	Sunny	0	30		
14	14-Dec-2023	12.0	24.0	69	86	Sunny	0	30		
15	15-Dec-2023	14.0	27.0	72	81	Sunny	0	30		
16	16-Dec-2023	13.0	26.0	64	74	Sunny	0	30		
17	17-Dec-2023	12.0	25.0	64	73	Sunny	0	30		
18	18-Dec-2023	13.0	26.0	66	76	Sunny	0	30		
19	19-Dec-2023	12.0	24.0	65	77	Sunny	0	30		
20	20-Dec-2023	14.0	22.0	66	72	Sunny	0	30		
21	21-Dec-2023	10.0	21.0	67	80	Sunny	0	30		
22	22-Dec-2023	12.0	23.0	62	74	Sunny	0	30		
23	23-Dec-2023	13.0	24.0	64	77	Sunny	0	30		
24	24-Dec-2023	15.0	25.0	67	85	Sunny	0	30		
25	25-Dec-2023	10.0	22.0	68	81	Sunny	0	30		
26	26-Dec-2023	9.0	20.0	65	84	Sunny	0	30		
27	27-Dec-2023	10.0	19.0	66	85	Sunny	0	30		
28	28-Dec-2023	11.0	22.0	67	82	Sunny	0	30		
29	29-Dec-2023	12.0	23.0	64	88	Sunny	0	30		
30	30-Dec-2023	8.0	21.0	62	84	Sunny	0	30		
31	31-Dec-2023	10.0	20.0	69	89	Sunny	0	30		
Rain Fall (in mm)						This Month		30		



18. QC REPORTS

Package - 3				Monthly Progress Report December - 2023															
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 DECEMBER -2023																			
S.No.	Name of test	Reference as per IS / MORTH		Total Tests Conducted Up to Previous Month			No. of Tests Conducted during this Month			No. of Tests Conducted up to this Month			Test Witnessed by IE's Rep.				Test Witnessed by 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
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 ³	2348	2348	0	74	74	0	2422	2422	0	719	16	735	22	42	0	42
2.2	Grain size analysis	IS : 2720 (P-4)	2 tests / 3000 m ³	2348	2348	0	74	74	0	2422	2422	0	3719	16	3735	22	42	0	42
2.3	Atterberg's limits (LL & PI)	IS : 2720 (P-5)	2 tests / 3000 m ³	2348	2348	0	74	74	0	2422	2422	0	719	16	735	22	42	0	42
2.4	Proctor test (MDD V/s OMC)	IS : 2720 (P-8)	2 tests / 3000 m ³	2348	2348	0	74	74	0	2422	2422	0	719	16	735	22	42	0	42
2.5	4 days soaked CBR	IS : 2720 (P- 16)	1 test / 3000 m ³	1365	1365	0	40	40	0	1405	1405	0	455	9	464	23	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	14166	14166	0	0	0	0	14166	14166	0	2788	0	2788	0	0	0	0
3.2	Field density test on Emb.	IS : 2720 (P- 28)	1 set of tests /3000 m ²	22335	22335	0	0	0	0	22335	22335	0	4274	0	4274	0	0	0	0
3.3	Field density test on Subgrade	IS : 2720 (P- 28)	1 set of tests / 2000 m ²	8276	8276	0	0	0	0	8276	8276	0	1699	0	1699	0	0	0	0
3.4	Field density test on GSB	"	1 test / 1000 m ²	1573	1573	0	0	0	0	1573	1573	0	369	0	369	0	0	0	0
3.5	Field density test on WMM	"	1 set of three / 1000 m ²	1303	1303	0	0	0	0	1303	1303	0	308	0	308	0	0	0	0
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 2test / 500 m ²	3151	3145	6	1101	1101	0	4252	4246	6	559	253	812	23	0	0	0
3.8	Field density test on DLC	"	1 set of tests / 2000 m ²	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.0 Coarse Agg. for Concrete																			
4.1	Gradation	IS : 2386 (P-1)	1 test / day	373	373	0	31	31	0	404	404	0	180	7	187	23	0	0	0
4.2	Flakiness Index	IS : 2386 (P-1)	Weekly	58	58	0	4	4	0	62	62	0	29	1	30	25	0	0	0
4.3	Aggregate Impact Value	IS : 2386 (P-4)	Weekly	58	58	0	4	4	0	62	62	0	29	1	30	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 DECEMBER -2023

S.No.	Name of test	Reference as per IS / MORTH		Total Tests Conducted Up to Previous Month			No. of Tests Conducted during this Month			No. of Tests Conducted up to this Month			Test Witnessed by IE's Rep.				Test Witnessed by NHA1 Rep.		
				Tested	Passed	Failed	Tested	Passed	Failed	Tested	Passed	Failed	Up to previous Month	During this Month	Total	%	Up to previous Month	During this Month	Total
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	373	373	0	31	31	0	404	404	0	180	7	187	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	373	373	0	31	31	0	404	404	0	180	7	187	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	67	67	0	2	2	0	69	69	0	31	1	32	50	0	0	0
5.5	Moisture correction	IS : 2386 (P-3)	Per Day	373	373	0	31	31	0	404	404	0	180	7	187	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	195	195	0	16	16	0	211	211	0	82	4	86	25	0	0	0
6.2	for 28 days	IS : 516	for 28 days	509	509	0	13	13	0	522	522	0	161	3	164	23	0	0	0
For M 15 Grade																			
6.3	for 7 days	IS : 516	for 7 days	36	36	0	8	8	0	44	44	0	26	2	28	25	0	0	0
6.4	for 28 days	IS : 516	for 28 days	39	39	0	2	2	0	41	41	0	30	1	31	50	0	0	0
For M 20																			
6.5	for 7 days	IS : 516	for 7 days	35	35	0	0	0	0	35	35	0	26	0	26	0	0	0	0
6.6	for 28 days	IS : 516	for 28 days	28	28	0	0	0	0	28	28	0	17	0	17	0	0	0	0
For M 25 Grade																			
6.7	for 7 days	IS : 516	for 7 days	296	296	0	41	41	0	337	337	0	102	10	112	24	0	0	0
6.8	for 28 days	IS : 516	for 28 days	680	680	0	30	30	0	710	710	0	182	7	189	23	0	0	0
For M 30 Grade																			
6.9	for 7 days	IS : 516	for 7 days	90	90	0	12	12	0	102	102	0	58	3	61	25	0	0	0
6.10	for 28 days	IS : 516	for 28 days	154	154	0	16	16	0	170	170	0	104	4	108	25	0	0	0



Quality Control Test Report for DECEMBER -2023

S.No.	Name of test	Reference as per IS / MORTH		Total Tests Conducted Up to Previous Month			No. of Tests Conducted during this Month			No. of Tests Conducted up to this Month			Test Witnessed by IE's Rep.				Test Witnessed by 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	221	221	0	35	35	0	256	256	0	117	9	126	26	0	0	0
6.12	for 28 days	IS : 516	for 28 days	684	684	0	62	62	0	746	746	0	434	15	449	24	0	0	0
For M 35 (Pile) Grade																			
6.11	for 7 days	IS : 516	for 7 days	38	38	0	6	6	0	44	44	0	29	2	31	33	0	0	0
6.12	for 28 days	IS : 516	for 28 days	58	58	0	14	14	0	72	72	0	46	3	49	21	0	0	0
For M 35 (RE-BLOCK) Grade																			
6.11	for 7 days	IS : 516	for 7 days	104	104	0	10	10	0	114	114	0	6	3	9	30	0	0	0
6.12	for 28 days	IS : 516	for 28 days	211	211	0	17	17	0	228	228	0	193	4	197	24	0	0	0
For M 40 Grade																			
6.12	for 7 days	IS : 516	for 7 days	50	50	0	17	17	0	67	67	0	46	4	50	24	0	0	0
6.13	for 28 days	IS : 516	for 28 days	48	48	0	1	1	0	49	49	0	45	1	46	100	0	0	0
For M 45 Grade																			
6.14	for 7 days	IS : 516	for 7 days	9	9	0	0	0	0	9	9	0	9	0	9	0	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	5	5	0	0	0	0	5	5	0	5	0	5	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	5	5	0	0	0	0	5	5	0	5	0	5	0	0	0	0
7.0 Cement Tests																			
		MORTH 1000																	
7.1	Fineness of cement	IS : 4031 (P-1)	1 test / lot of cement	72	72	0	8	8	0	80	80	0	43	2	45	25	0	0	0
7.2	Normal consistency	IS : 4031 (P-4)	1 test / lot of cement	72	72	0	8	8	0	80	80	0	43	2	45	25	0	0	0
7.3	Initial, final setting times	IS : 4031 (P-5)	1 test / lot of cement	72	72	0	8	8	0	80	80	0	43	2	45	25	0	0	0
7.4	Soundness	IS : 4031 (P-3)	1 test / lot of cement	72	72	0	8	8	0	80	80	0	43	2	45	25	0	0	0
7.5	Compressive strength - 3 days	IS : 4031 (P-6)	for 3 days	62	62	0	7	7	0	69	69	0	36	2	38	29	0	0	0
	- 7 days	"	for 7 days	60	60	0	6	6	0	66	66	0	32	2	34	33	0	0	0
	- 28 days	"	for 28 days	61	61	0	9	9	0	70	70	0	34	2	36	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



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Quality Control Test Report for DECEMBER -2023																			
S.No.	Name of test	Reference as per IS / MORTH	Total Tests Conducted Up to Previous Month			No. of Tests Conducted during this Month			No. of Tests Conducted up to this Month			Test Witnessed by IE's Rep.				Test Witnessed by 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	36	36	0	12	12	0	48	48	0	33	3	36	25	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	5	5	0	1	1	0	6	6	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.	600	600	0	0	0	0	600	600	0	431	0	431	0	0	0	
13.2	Atterberg's limits (LL & PI)	IS : 2720 (P-5)	1 test / 400 cu.m.	596	596	0	0	0	0	596	596	0	427	0	427	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	
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	
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	
13.6	A.I.V	IS : 2386 (P-4)	As Required	15	15	0	0	0	0	15	15	0	10	0	10	0	0	0	
14.0 SUB-BASE / BASE (WMM)		MORTH 406																	
14.1	Gradation	Table 400-12	1 test / 200 m3	591	591	0	0	0	0	591	591	0	451	0	451	0	0	0	
14.2	Atterberg's limits (LL & PI)	IS : 2720 (P-5)	1 test / 200 m3	586	586	0	0	0	0	586	586	0	449	0	449	0	0	0	
14.3	Proctor test (MDD V/s OMC)	IS : 2720 (P-8)		1	1	0	0	0	0	1	1	0	1	0	1	0	0	0	
14.4	A.I.V	IS : 2386 (P-4)	1 test / 1000 m3	198	198	0	0	0	0	198	198	0	153	0	153	0	0	0	
14.5	FI & EI	IS : 2386 (P-1)	1 test / 500 m3	278	278	0	0	0	0	278	278	0	224	0	224	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	
14.7	Soundness	IS : 2386 (P-3)	Test/Source	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15. Bitumen VG-40/PMB																			
15.1	Specific Gravity at 27°C	IS : 2380 (P-4)	As required	11	11	0	4	4	0	15	15	0	4	2	6	50	0	0	
15.2	Softening Point(°c)	IS : 1205	1 test per Lot	71	71	0	4	4	0	75	75	0	47	2	49	50	0	0	
15.3	Penetration at 25°C 100gm 5	IS : 1203	1 test per Lot	71	71	0	0	0	0	71	71	0	47	0	47	0	0	0	
15.4	Ductility at 27°C	IS : 1208	As Required	62	62	0	4	4	0	66	66	0	45	2	47	50	0	0	
15.5	Viscosity at 60°/135°C	IS : 1206	As required	71	71	0	4	4	0	75	75	0	47	2	49	50	0	0	
16. Emulsion		MORTH 503																	
16.1	RS 1 (Saybolt viscosity)	IS : 8887	Per Lot	7	7	0	0	0	0	7	7	0	7	0	7	0	0	0	
16.2	SS 1 (Saybolt viscosity)	IS : 8887	Per Lot	2	2	0	1	1	0	3	3	0	2	0	2	0	0	0	
17.0 RATE OF SPRAY		MORTH 503																	
17.1	Prime coat	As per MORTH	3 test / day	230	230	0	26	26	0	256	256	0	172	6	178	23	22	0	
17.2	Tack Coat	As per MORTH	3 test / day	194	194	0	26	26	0	220	220	0	164	6	170	23	0	0	



Quality Control Test Report for DECEMBER -2023

S.No.	Name of test	Reference as per IS / MORTH		Total Tests Conducted Up to Previous Month			No. of Tests Conducted during this Month			No. of Tests Conducted up to this Month			Test Witnessed by IE's Rep.				Test Witnessed by 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
18.0 DENSE BITUMINOUS MACADAM GRADING- 2			MORTH 505																
18.1	Binder Content	As per MORTH	1 test / 400 Tonne Mix	121	121	0	23	23	0	144	144	0	80	6	86	26	0	0	0
18.2	Combined Gradation	As per MORTH	1 test / 400 Tonne Mix	127	127	0	23	23	0	150	150	0	86	6	92	26	0	0	0
18.3	Marshall Test (in Sets)	ASTM D 1559	1 test / 400 Tonne Mix	199	199	0	45	45	0	244	244	0	97	11	108	24	0	0	0
18.4	A.I.V	IS : 2386 (P-4)	1 test / 350 m3 of Agg.	67	67	0	11	11	0	78	78	0	46	3	49	27	0	0	0
18.5	FI & EI	IS : 2386 (P-1)	1 test / 350 m3 of Agg.	67	67	0	11	11	0	78	78	0	46	3	49	27	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.	474	474	0	78	78	0	552	552	0	337	19	356	24	2	0	2
Total				72912	72906	6	2198	2198	0	75110	75104	6	22847	517	23364		286	0	286

Total Tests Conducted this Month	2198
Total Tests Witnessed by IE's this Month	517
Total Test Witnessed by IE's in % this Month	23.52%

Total Tests Conducted this Month	2198
Total Tests Witnessed by NHAI this Month	0
Total Test Witnessed by NHAI in % this Month	0.00%

Concessionaire's Representative

Independent Engineer's Representative

19. SITE PHOTOGRAPHS



**CH.119+380 to CH.119+550 GEOGRID LAYING
WORK IN PROGRESS**



**CH.97+700 to CH.98+200 MEDIAN SLOPE CUTTING
WORK IN PROGRESS**



CH. 107+370 SLOPE CUTTING WORK IN PROGRESS



CH. 116+220 WMM TOP LAYING (LHS)



MNB BACKFILLING WORK IN PROGRESS



CH. 99+345 APPROACH SLAB WORK IN PROGRESS



**CH. 109+670 LVUP RAFT REINFORCEMENT WORK
IN PROGRESS**



**CH.116+595 SLAB STAGING WORK IN
PROGRESS**



**CH.120+150 SLAB REINFORCEMENT
WORK IN PROGRESS**



**ROB P4 PILE CAP CURING WORK IN
PROGRESS (RHS)**



ROB PILE CAGING WORK IN PROGRESS



KERB WIP