MONTHLY PROGRESS REPORT OF APRIL-2024

Name of work	Up-gradation & 4 laning of Poanta Saheb- Ballupur sec. of NH-72 in Uttarakhand state under NH(o) on HAM pkg-II Medinipur to Ballupur from CH 18.700 To CH 44.800.

Name of Client	National Highways Authority of India
Name of Independent Engineer	M/s URS Scott Wilson India Pvt. Ltd. In JV with the Lion Engineering Consultant Pvt Ltd.
Name of Concessioniare	M/s MKC Kedarnathji Poanta Saheb Highways Pvt. Ltd.

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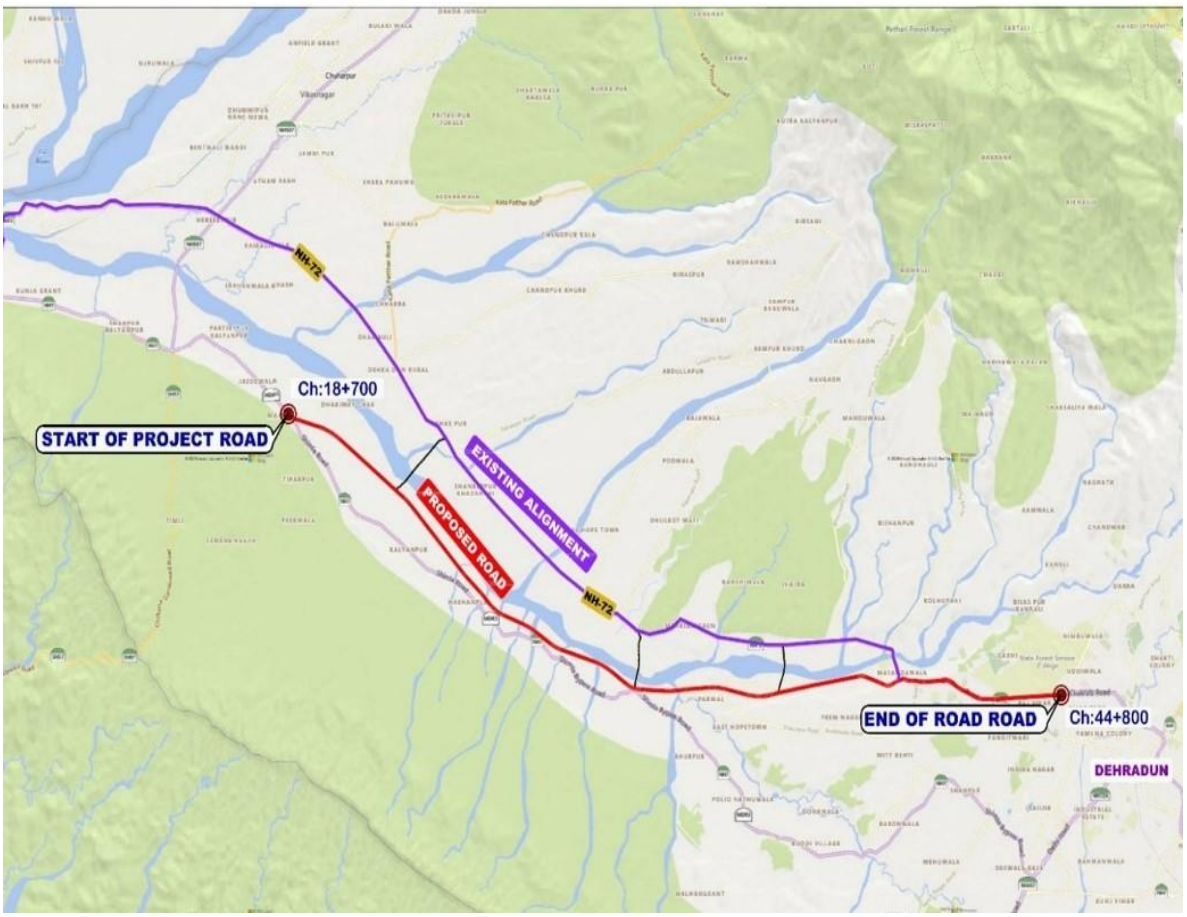
Maps Showing project Location

1.1 Location of Work state in india

1.2 Location of project in state



Executive Summary

2.1 Introduction

The site of the Four-lane Project Highway comprises the Medinipur-Ballupur Section of NH-72.
It starts at km 30.690 of Shimla bypass road (Design Ch 18.700 km) and ends at (km 148.025 of
NH-72 (Design Ch 44.800 km) in Dehradun district of Uttarakhand state. The section of existing
NH-72 between km 113.400 (Dharmawala Chowk) to km 143.275 (Prem Nagar) is proposed to
be bypassed by greenfield alignment

2.2 Scope of the project

1	Total Length of the Project	26.1 Km
2	Major Junctions	02 Nos
3	Minor Junctions	58 Nos
4	Box Culverts	15 Nos
5	Pipe Culverts	58 Nos
6	Minor Bridges	19 Nos
7	VUP / LVUP	06 Nos
8	Major Bridge	1 Nos
9	VOP	01 Nos
10	FOB	03 Nos
11	Bus bay	08 Nos
12	Service Road (both side)	20.484 Km
13	Drain (both side)	30.02 Km

2.3 Salient features of the contract

Name of Client	National Highway Authority of India		
Name of Contractor	MKC Infrastructure Limited		
Name of Concessionaire	MKC Poanta – Saheb Dehradun Kedarnathji Highways Private Limited		
Name of Independent engineer	M/S URS Scott Wilson India Pvt. Ltd in JV with Lion Engineering Consultants Pvt. Ltd.		
Name of Safety consultant	Chaitanya Projects Consultancy Pvt. Ltd.		
Contract Limits	From Medinipur CH 18.7 to Ballupur CH 44.8		
Contract Length	26.21 Km		
Milestones	Mile stone-I	18th July-2023	20%
	Mile stone-II	14th January-2024	35%
	Mile stone-III	12th July-2024	75%
	Mile stone-IV	17th february-2025	100%
Letter of Acceptance Date	30th May-2022		
Date of Signing of contract agreement	14th July-2022		
Commencement Date	18th February-2023		
Project Duration	730 days		
Schedule Completion Date	17th February-2025		
Original Contract Price	₹ 5,16,56,00,000.00		

Progress of the work

3.1	Physical progress
Project :	Up-gradation & Four Laning of Poanta Saheb-Ballupur Section of NH-72 in the State of Uttarakhand under NH (O) on Hybrid Annuity Mode. Package-II: Medinipur to Ballupur (Dehradun) from Design Ch. 18.700 to Ch. 44.800.
Client :	National Highway Authority of India
Independent Engineer :	URS Scott Wilson India Private Limited in Joint Venture with Lion Engineering Consultants Pvt. Ltd.
HAM Concessionaire :	M/s MKC- Poanta-Saheb Dehradun Kedarnathji Ji Highway Private Limited
Total Contract Price	**5,16,56,00,000**

Item	Stage for measurement of Physical Progress	Unit	Qty.	Amount	Weightage in % age	Physical Progress as per Annexure-I of Schedule-G	Weighatge of Completed work in %
Road works including culverts, minor bridges,underpasses, overpasses, approaches to ROB/RUB/ Major Bridges/ Structures (but excluding Slip/ Service roads)	A-Widening & Strengthening of						
	(1) Earthwork upto top of Sub-grade	Km	4.50	16361543.33	0.32%	4.5	0.32%
	(2) Granular work (Sub-base,						
	(a) CTSB/GSB	Km	4.50	21553385.78	0.42%	4.5	0.42%
	(b) WMM	Km	4.50	41505832.80	0.80%	4.5	0.80%
	(3) Shoulders	Km	9.00	2971864.40	0.06%	9	0.06%
	(4) Bituminous Work						
	(a) DBM	Km	4.50	23207725.35	0.45%	4.5	0.45%
	(b) BC	Km	4.50	24305590.88	0.47%	1.2	0.13%
	B-New 4 Lane Realignment/Bypass						
	(1) Earthwork upto top of Sub-grade	Km	41.56	805887112.76	15.60%	30.29	11.37%
	(2) Granular work (Sub-base,						
	(a) CTSB / GSB	Km	41.56	219083230.31	4.24%	14.92	1.52%
	(b) WMM	Km	41.56	370137914.57	7.17%	5.27	0.91%
	(3) Shoulders	Km	41.56	33188279.25	0.64%		
	(4) Bituminous Work						
	(a) DBM	Km	41.56	208434264.66	4.04%	2.41	0.23%
	(b) BC	Km	41.56	226138688.23	4.38%		
	C- New Culverts, Minor Bridges,						
	1) Culverts	No.	73.00	154175319.31	2.98%	48	1.96%
	2) Minor Bridge				0.00%		
	a) Foundation	No.	19.00	267262947.46	5.17%	18	4.90%
	b) Sub-Structure	No.	19.00	233855079.03	4.53%	17	4.05%
	c) Super-Structure (including Crash	No.	19.00	167039342.17	3.23%	15	2.55%
	3) Grade seprated structures						
	i) Foundation	No.	6.00	115773880.88	2.24%	5	1.87%
	ii) Sub-Structure	No.	6.00	101302145.77	1.96%	4	1.31%
	iii) Super-Structure (including Crash	No.	6.00	72358675.55	1.40%	2	0.47%
	b) Overpasses				0.00%		
	i) Foundation	No.	1.00	18846910.84	0.36%		
	ii) Sub-Structure	No.	1.00	16491046.99	0.32%		

Item	Stage for measurement of Physical Progress	Unit	Qty.	Amount	Weightage in % age	Physical Progress as per Annexure-I of Schedule-G	Weighatge of Completed work in %
	iii) Super-Structure (including Crash	No.	1.00	11779319.28	0.23%		
	d) Foot Over Bridge	No.	3.00	27129384.98	0.53%		
Major Bridge works and ROB / RUB	C) New Major Bridges				0.00%		
	1) Foundation				0.00%		
	a) Open Foundation	No.	1.00	108539227.81	2.10%	1	2.10%
	2) Sub-Structure	No.	1.00	94971824.34	1.84%	1	1.84%
	3) Super-Structure (including Crash	No.	1.00	67837017.38	1.31%		
Structure (Elevated Section,	4) Reinforced Earth Wall (includes	Sq.m	27201.50	328923283.49	6.37%	17098.62	4.00%
Electrical and Public Health Utilities	EHT Line	Km	0.34	4486146.46	0.09%		
	EHT Crossing	No.	2.00	15926636.19	0.31%		
	HT/LT Lines (including	Km	3.28	7931062.20	0.15%	0.17	0.01%
	HT/LT Crossings	No.	43.00	46476333.59	0.90%	43	0.90%
	Water Pipeline	Km	3.47	2704171.86	0.05%		
	Water Pipeline Crossings	No.	28.00	19547849.31	0.38%		
Other Works	i) - Service Road/ Slip Road	Km	20.48	562762835.69	10.89%		
	iii) Road Side Drain	Km	30.02	205461080.75	3.98%	8.59	1.14%
	iv) - Road signs,markings, Km						
	(a) Road signs,markings, Km	Km	26.10	41277719.41	0.80%		
	(d) Concrete Crash Barrier/W Beam	Km	8.61	46479789.69	0.90%		
	v) - Project Facilities						
	(a) Bus Bays	No.	8.00	5302600.92	0.10%		
	(b) Truck Lay Byes	No.	0.00				
	(c) Rest Area / Wayside Amenities	No.	1.00	2947720.34	0.06%		
	vii) - Road Side Plantation and	Km	26.10	10721108.26	0.21%		
	viii) - Protection Work						
	(a) Boulder Pitching on Slopes	Km	5.22	6308189.92	0.12%		
	(b) Toe Wall / Retaining Wall	Km	17.69	241438506.52	4.67%	3	0.79%
	(a) Major Junctions	No.	2.00	43305395.72	0.84%		
	(b) Minor Junctions	No.	58.00	10989583.92	0.21%		
	(c) Street Lightning	Km	26.10	25589783.02	0.50%		
	(e)ATMS, HTMS, Traffic Aid Posts,	Km	26.10	36542155.89	0.71%		
	(f) Paver block flooring	Sqm	27867.00	50340492.75	0.97%		
Total					**100.00%**		**44.10%**

Item	Stage for measurement of Physical Progress	Unit	Qty.	Amount	Weightage in % age	Physical Progress as per Annexure-I of Schedule-G	Weighatge of Completed work in %
SR NO	MONTH	WORKDONE AMOUNT IN (Cr.)	PHYSICAL PROGRESS (%)	CUMULATIVE PHYSICAL PROGRESS			
			Project Cost	516.56			
1	FEBRUARY	0	0.00%	0.00%			
2	MARCH	2.61	0.51%	0.51%			
3	APRIL	4.54	0.88%	1.38%			
4	MAY	11.66	2.26%	3.64%			
5	JUNE	11.4	2.21%	5.85%			
6	JULY	1.81	0.35%	6.20%			
7	AUGUST	2.59	0.50%	6.70%			
8	SEPTEMBER	8.83	1.71%	8.41%			
9	OCTOBER	18.80	3.64%	12.05%			
10	November	45.36	8.78%	20.83%			
11	December	17.15	3.32%	24.15%			
12	January	30.27	5.86%	30.01%			
13	February	29.86	5.78%	35.79%			
14	March	31.30	6.06%	41.85%			
15	April	11.62	2.25%	44.10%			
TOTAL		227.804	44.10%				

* Amount is calculated as per Schedule-G

3.2 Work done status of highway & Structure

Highway								
Sr no.	**Work description**	**Side**	**Unit**	**Scope**	**Completed**	**In progress**	**Balance**	**% of Balance**
1	C & G	LHS	KMS	26.1	24.7	0	1.4	5.36%
2		RHS	KMS	26.1	24.7	0	1.4	5.36%
3	Earthwork	LHS	KMS	26.1	22.8	1.5	1.8	6.90%
4		RHS	KMS	26.1	22.8	1.5	1.8	6.90%
5	Sub Grade	LHS	KMS	26.1	19.645	2.5	3.955	15.15%
6		RHS	KMS	26.1	19.645	2.5	3.955	15.15%
7	GSB	LHS	KMS	26.1	11.96	1.8	12.34	47.28%
8		RHS	KMS	26.1	11.96	1.8	12.34	47.28%
9	WMM	LHS	KMS	26.1	7.135	1	17.965	68.83%
10		RHS	KMS	26.1	7.135	1	17.965	68.83%
11	DBM	LHS	KMS	26.1	5.705		20.395	78.14%
12		RHS	KMS	26.1	5.705		20.395	78.14%
13	BC	LHS	KMS	26.1	1.2		24.9	95.40%
14		RHS	KMS	26.1	1.2		24.9	95.40%
Structure								
Sr no.	**Work description**	**Side**	**Unit**	**Scope**	**Completed**	**In progress**	**Yet to start**	**% of Progress**
1	Pipe culverts		Nos	58	44	11	3	94.83%
2	Box culverts		Nos	15	4	6	5	66.67%
3	Minor Bridges		Nos	19	15	4	0	100.00%
4	VUP		Nos	3	0	2	1	66.67%
5	LVUP		Nos	3	2	1	0	100.00%
6	Major bridge		Nos	1	0	1	0	100.00%
7	VOP		Nos	1	0	0	1	0.00%
8	FOB		Nos	3	0	0	3	0.00%

3.3 Strip chart of structure

Strip chart showing the status of BOX Culverts

Sr no.	Chainage		SPAN	Activity Status(BHS)								
	Schedule	Design		Excavation	PCC	Raft	Bottom Haunch	Wall 1st Lift	Wall 2nd Lift	Wall 3rd Lift	Top Haunch	Slab
1	19+080		1X6.0 M	DONE	DONE	DONE	DONE	DONE	DONE	WIP	WIP	WIP
2	21+108		1X6.0 M	DONE	WIP	WIP	WIP	WIP	WIP	WIP	WIP	WIP
3	21+283		1X6.0 M	DONE	DONE	DONE	DONE	DONE	WIP	WIP	WIP	WIP
4	21+408	31+370	1X6.0 M	DONE	DONE	DONE	DONE	DONE	DONE	WIP	WIP	WIP
5	22+554		1X6.0 M	DONE	DONE	WIP	WIP	WIP	WIP	WIP	WIP	WIP
6	25+973	25+992	1X6.0 M	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE
7	26+612	26+612	1X6.0 M	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE
8	26+794	26+804	1X6.0 M	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE
9	31+005	27+770	1X6.0 M	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE
10	35+575	27+068	1X4.0 M	DONE	DONE	DONE	WIP	WIP				
11	39+070		1X6.0 M									
12	40+052		1X2.0 M									
13	41+923		1X2.0 M									
14	43+998		1X2.0 M									
15	44+191		1X2.0 M									
TOTAL SCOPE				15	15	15	15	15	15	15	15	15
WORK COMPLETED				10	9	8	7	7	6	4	4	4
BALANCE				5	6	7	8	8	9	11	11	11

Strip chart showing the status of Hume pipe culverts

Sr. no.	Chainage		Dia. (m)	Drawing Status		Activity Status(Both Side)								
	Schedule	Design				Excavation	GSB	PCC	Pipe Laying	Head wall PCC	Head wall 1st lift	Head wall 2nd lift	Head wall 3rd lift	Encasing
1	19+250	19+250	1.2		1	DONE				DONE	DONE	DONE	DONE	DONE
2	20+205	20+205	1.2			DONE								
3	20+360	20+360	1.2			DONE			WIP	DONE	DONE	DONE	WIP	
4	20+438	20+438	1.2											
5	20+468	20+468	1.2		1	DONE				DONE	DONE	DONE	DONE	DONE
6	21+945	21+945	1.2		1	DONE		DONE	DONE	DONE	DONE	DONE	DONE	DONE
7	22+083	22+080	1.2		1	DONE		DONE	DONE	DONE	DONE	DONE	DONE	DONE
8	22+160	22+160	1.2		1	DONE		DONE	DONE	DONE	DONE	DONE	DONE	DONE
9	22+214	22+214	1.2			DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE	
10	22+339	22+339	1.2			DONE		DONE	DONE	DONE	DONE	DONE	DONE	
11	22+769	22+769	1.2			DONE				DONE	DONE	DONE	WIP	
12	22+807	22+802	1.2			DONE				DONE	WIP	WIP		
13	23+201	23+197	1.2		1	DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	DONE
14	23+414	23+440	1.2		1	DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	DONE
15	23+566	23+565	1.2		1	DONE		DONE	DONE	DONE	DONE	DONE	DONE	DONE
16	23+932	23+932	1.2		1	DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	DONE
17	24+147	24+145	1.2		1	DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	DONE
18	24+511	24+507	1.2		1	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE
19	24+820	24+817	1.2		1	DONE		DONE	DONE	DONE	DONE	DONE	DONE	DONE
20	24+878	24+878	1.2		1	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE
21	25+150	25+150	1.2			WIP		NA						
22	26+366	26+366	1.2		1	DONE	DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE
23	27+243	27+237	1.2		1	DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	DONE
24	27+358	27+358	1.2		1	DONE	DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE
25	27+452	27+446	1.2		1	DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	DONE
26	27+959	27+959	1.2		1	DONE	DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE
27	28+295	28+300	1.2			DONE	NA	DONE	WIP					
28	28+384	28+381	1.2		1	DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	DONE
29	28+581	28+579	1.2			DONE		DONE	DONE	DONE	WIP			
30	28+619	28+618	1.2		1	DONE		DONE	DONE	DONE	DONE	DONE	WIP	DONE
31	29+476	29+476	1.2		1	DONE		DONE	DONE	DONE	DONE	DONE	DONE	DONE
32	30+097	30+093	1.2		1	DONE		DONE	DONE	DONE	DONE	DONE	DONE	DONE
33	30+460	30+460	1.2											
34	30+661	30+661	1.2		1	DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	DONE
35	30+838	30+838	1.2		1	DONE	DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE
36	30+928	30+928	1.2		1	DONE	DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE
37	31+781	31+781	1.2											
38	31+962	31+962	1.2			DONE		DONE	DONE	DONE	DONE	DONE	DONE	DONE
39	32+059	32+059	1.2		1	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE	NA

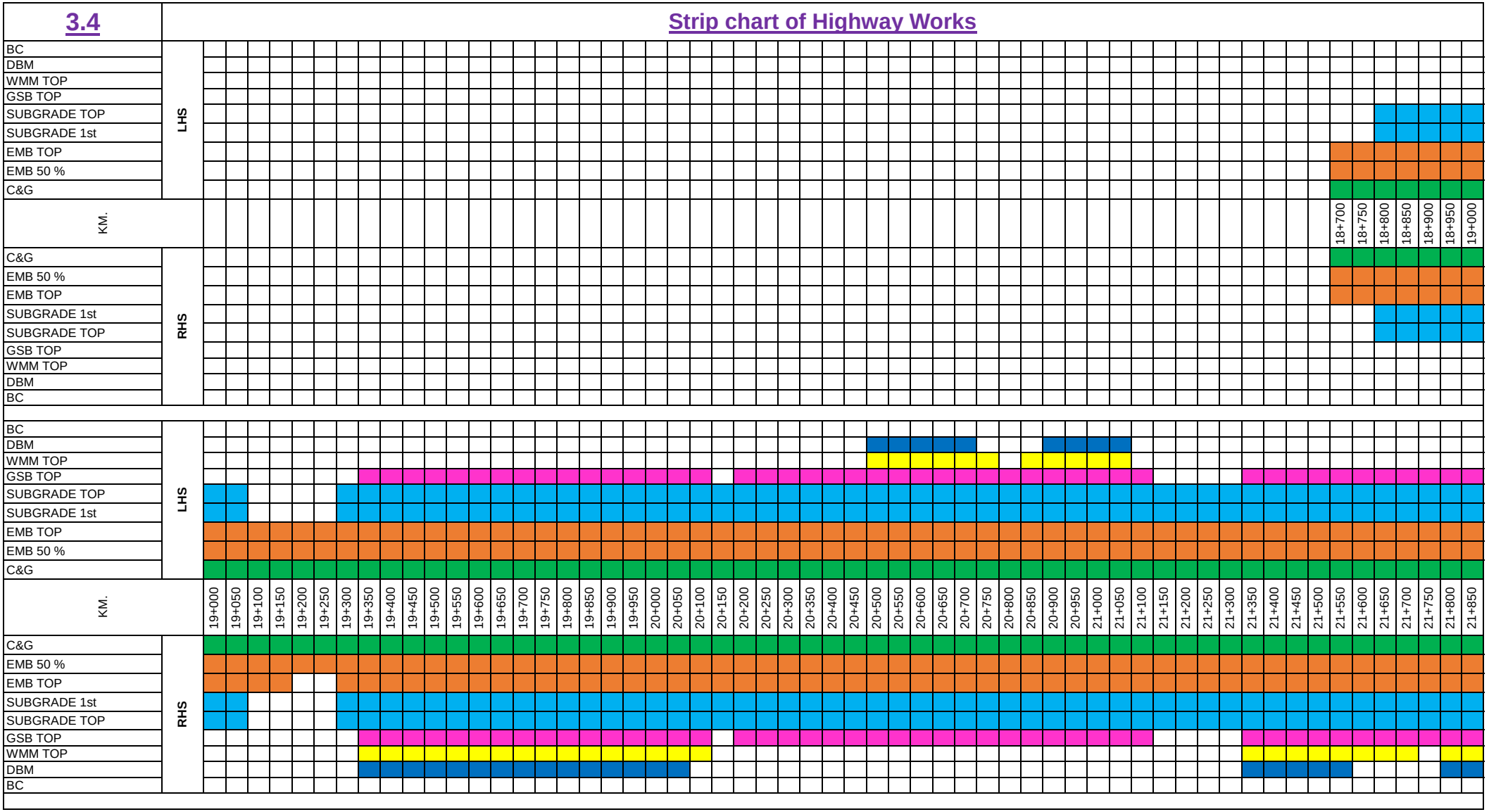
Sr. no.	Chainage		Dia. (m)	Drawing Status		Activity Status(Both Side)								
	Schedule	Design				Excavation	GSB	PCC	Pipe Laying	Head wall PCC	Head wall 1st lift	Head wall 2nd lift	Head wall 3rd lift	Encasing
40	32+115	32+115	1.2		1	DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	DONE
41	32+178	32+178	1.2		1	DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	DONE
42	32+228	32+228	1.2		1	DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	DONE
43	32+291	32+291	1.2		1	DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	DONE
44	32+434	32+434	1.2			DONE	DONE	DONE	DONE	DONE	DONE	WIP	WIP	
45	33+439	33+439	1.2		1	DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	DONE
46	33+600	33+600	1.2		1	DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	DONE
47	34+062	34+062	1.2			DONE	NA	DONE	WIP	WIP	WIP	WIP	WIP	
48	34+352	34+352	1.2		1	DONE	NA	DONE	DONE	DONE	DONE	DONE		DONE
49	35+153	35+153	1.2		1	DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	DONE
50	35+575	35+575			1	DONE		DONE	DONE	DONE	DONE	DONE	DONE	DONE
51	36+577	36+577	1.2		1	DONE		DONE	DONE	DONE	DONE	DONE	DONE	DONE
52	37+014	36+990	1.2		1	DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	DONE
53	37+460	37+460	1.2		1	DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	DONE
54	37+540	37+585	1.2		1	DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	DONE
55	37+840	37+840	1.2		1	DONE		DONE	DONE	DONE	DONE	DONE	DONE	DONE
56	38+175	38+175	1.2		1	DONE		DONE	DONE	DONE	DONE	DONE	DONE	DONE
57	38+750	38+750	1.2		1	DONE		DONE	DONE	DONE	DONE	DONE	DONE	DONE
58	38+850	38+850	1.2		1	DONE		DONE	DONE	DONE	DONE	DONE	DONE	DONE
59	39+219	39+219	1.2		1	DONE		DONE	DONE	DONE	DONE	DONE	DONE	DONE
60	31+005	31+005	1.2			DONE		DONE		DONE	DONE	WIP	WIP	WIP
TOTAL SCOPE						58	20	38	58	58	58	58	58	58
WORK COMPLETED						56	10	45	47	53	51	49	45	44
BALANCE						2	10	0	11	5	7	9	13	14

Strip chart showing the status of Minor /Major Bridges

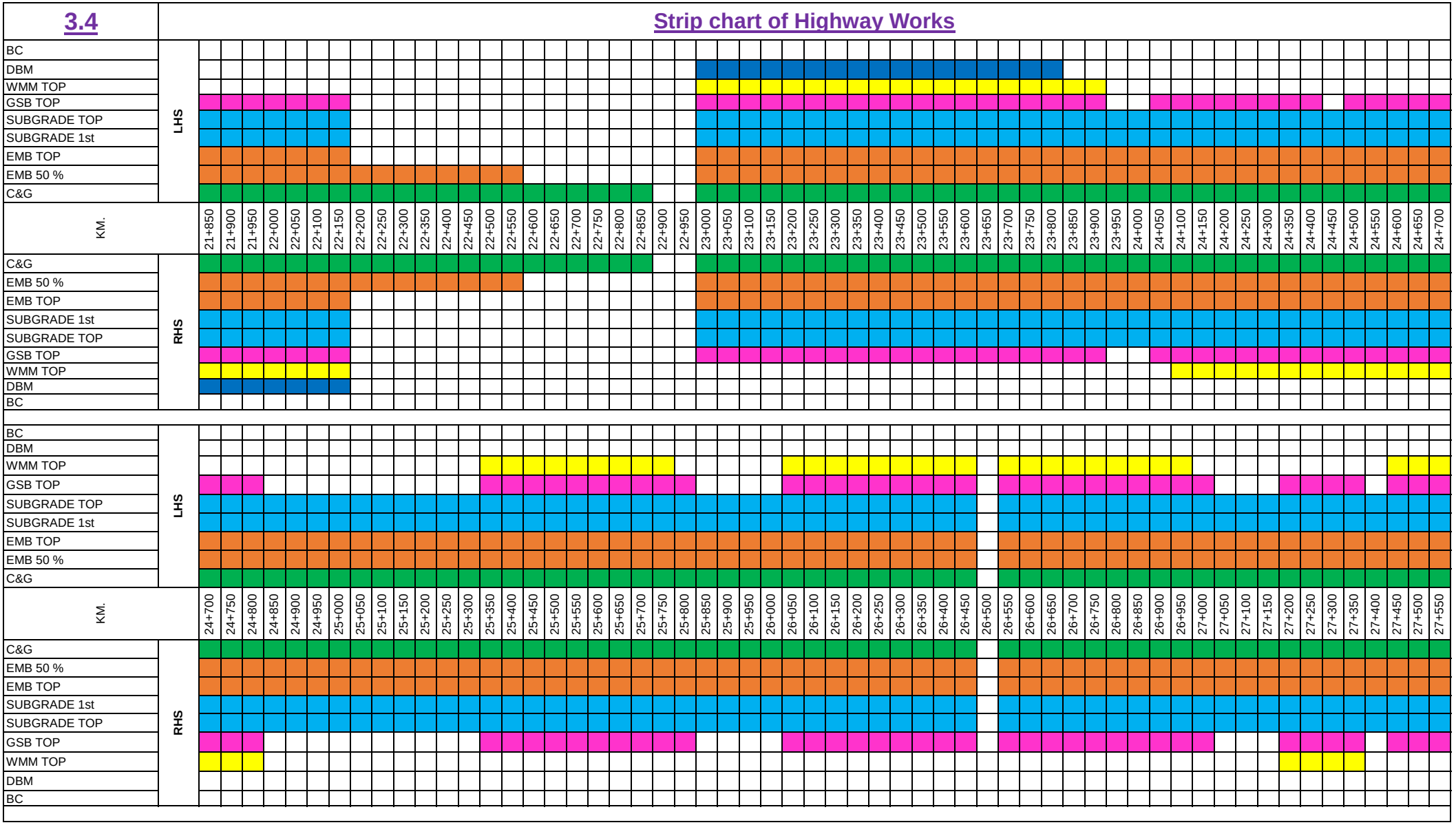
Sr no.	Chainage		SPAN	Activity Status(BHS)								
	Schedule	Design		Excavation	PCC	Raft	Bottom Haunch	Wall 1st Lift	Wall 2nd Lift	Wall 3rd Lift	Top Haunch	Slab
1	19+297	19+298	3X8 M	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE
2	20+163	20+163	2X10 M	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE
3	20+820	20+816	2X10 M	DONE	DONE	DONE	DONE	DONE	DONE	WIP		
4	21+610	21+610	2X10 M	WIP	WIP							
5	21+762	21+762	3X8 M	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE
6	22+972	22+973	3X8 M	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE
7	24+090	23+974	3X8 M	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE
8	24+377	24+355	2X10 M	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE
9	25+320	25+316	3X8 M	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE
10	25+815	25+811	1X10 M	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE
11	26+487	26+480	3X8 M	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE
12	27+042	27+040	2X8 M	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE
13	27+741	27+736	3X10 M	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE
14	28+122	28+122	2X10 M	DONE	DONE	DONE	DONE	DONE	DONE	DONE	WIP	WIP
15	28+222	28+222	5X10 M	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE
16	29+174	29+171	2X8 M	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE
17	29+659	29+652	2X8 M	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE
18	30+300	30+305	5X10 M	DONE	DONE	DONE	DONE	DONE	DONE	DONE	WIP	WIP
19	31+745	31+740	3X10 M	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE
20	33+033	33+033	3X35 M	DONE	DONE	DONE	DONE	DONE	DONE	DONE		
TOTAL SCOPE				20	20	20	20	20	20	20	20	20
WORK COMPLETED				19	19	19	19	19	19	18	15	15
BALANCE				1	1	1	1	1	1	2	5	5

Strip chart showing the status of Grade separated structures													
Sr no.	Chainage		Length	Activity Status(BHS)								
	Schedule	Design		Excavation	PCC	Raft	Bottom Haunch	Wall 1st Lift	Wall 2nd Lift	Wall 3rd Lift	Top Haunch	Slab
1	22+598	22+596	70	DONE	DONE	DONE	DONE	DONE	DONE	DONE		
2	28+285	28+285	12	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE
3	30+259	30+259	12	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE	DONE
4	31+691	31+678	70	DONE	DONE	DONE	DONE	DONE	DONE	DONE		
5	39+493	39+500	12	DONE	DONE	DONE	DONE	DONE	DONE	DONE		
6	39+740	39+720	16									
7	40+063	40+042	72.5									
TOTAL SCOPE				7	7	7	7	7	7	7	7	7
WORK COMPLETED				5	5	5	5	5	5	5	2	2
BALANCE				2	2	2	2	2	2	2	5	5

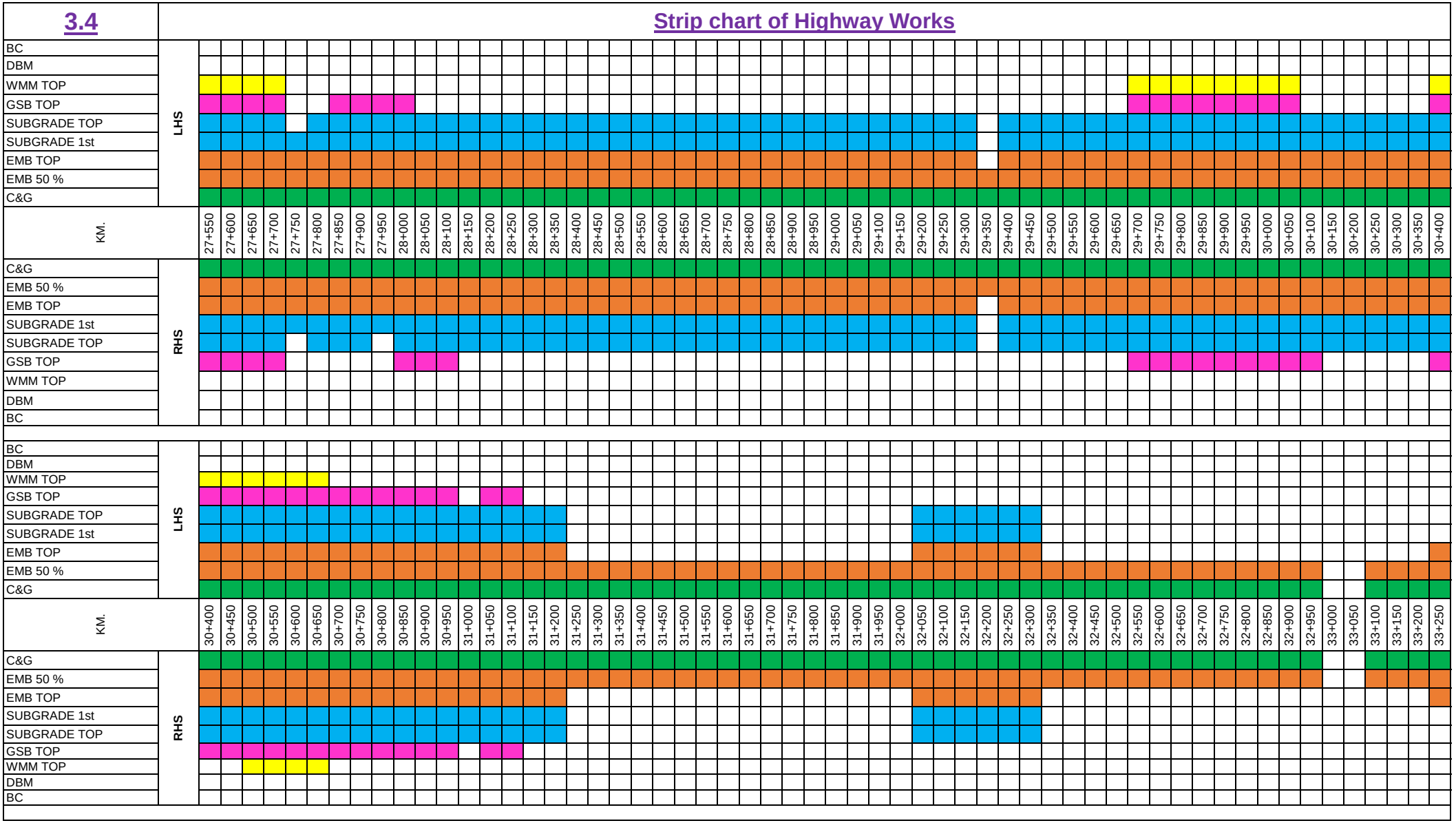
3.4 Strip chart of Highway Works



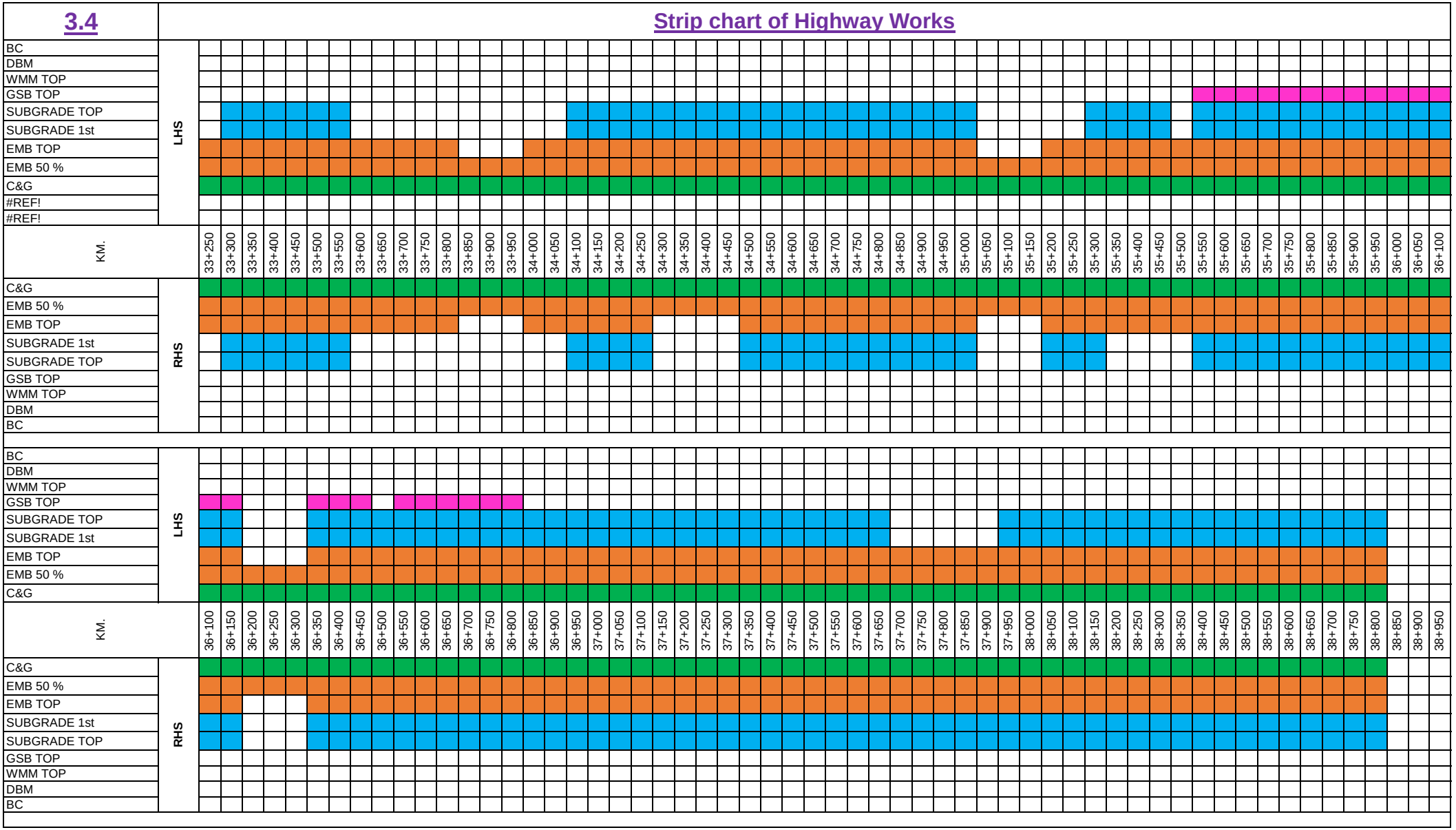
3.4 Strip chart of Highway Works



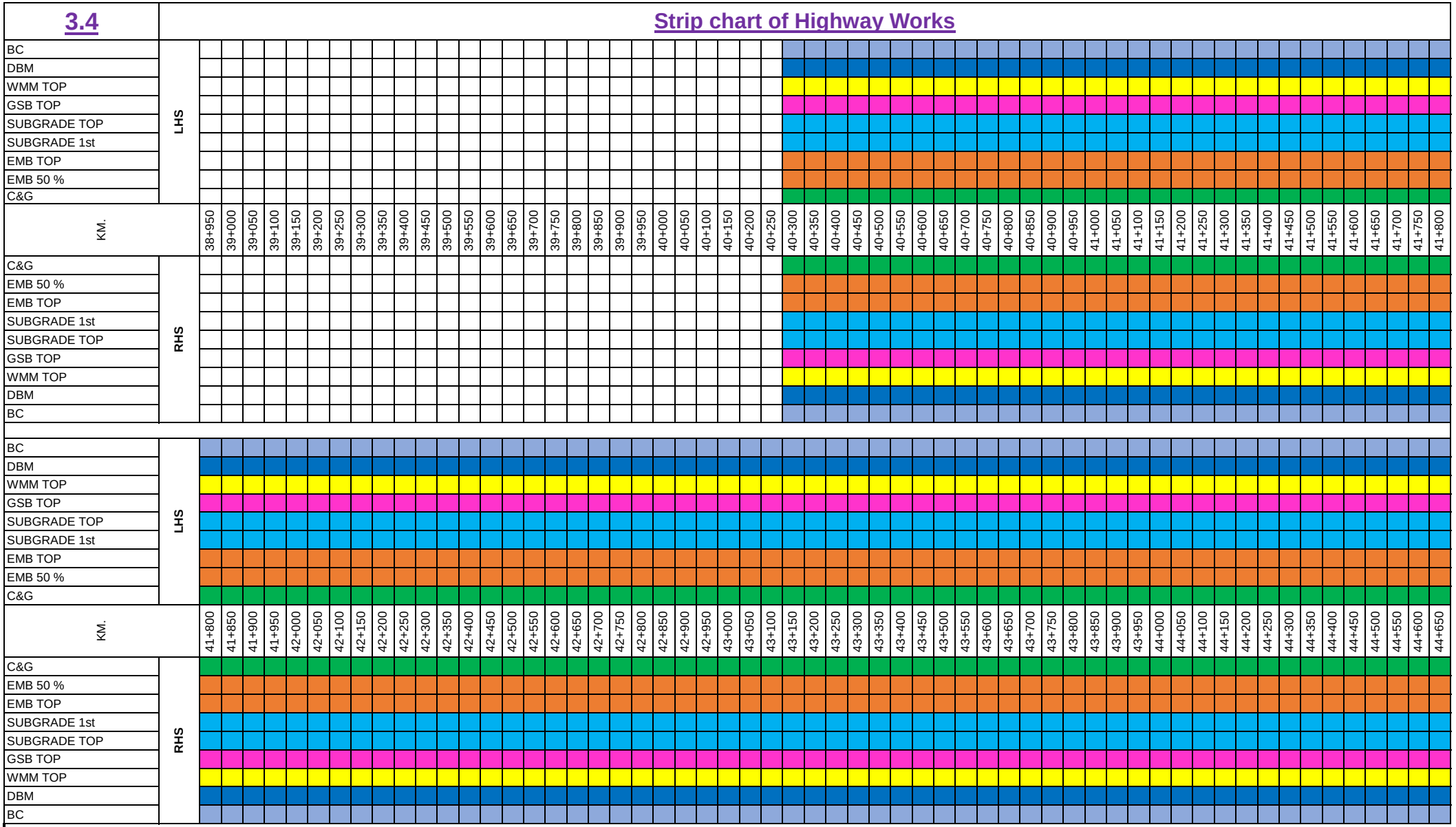
3.4 Strip chart of Highway Works



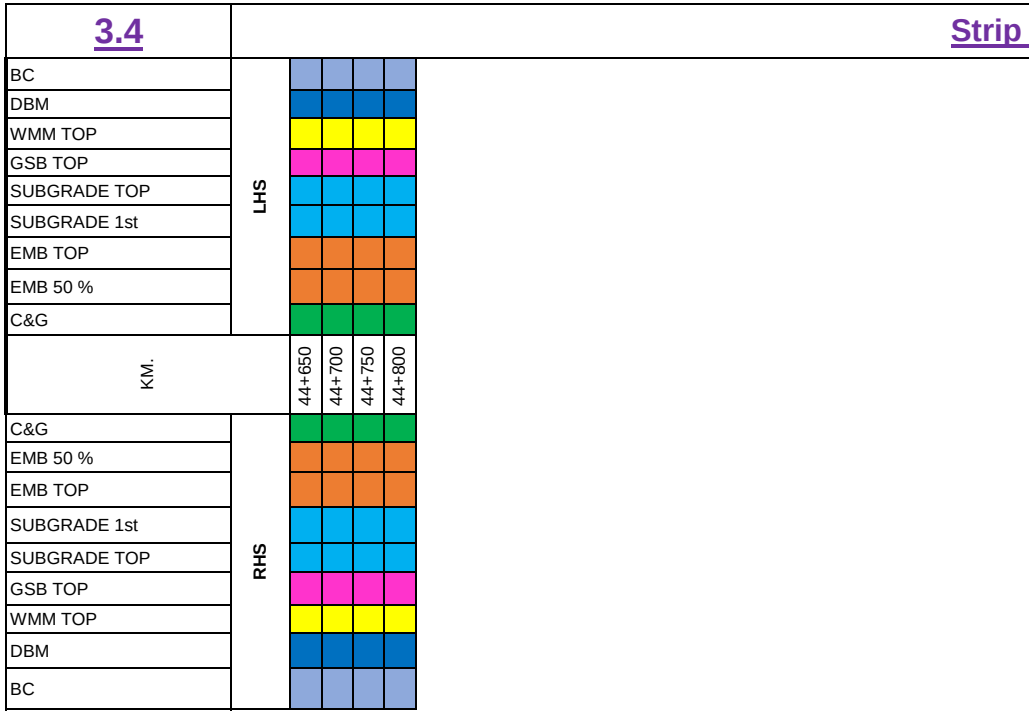
3.4 Strip chart of Highway Works



3.4 Strip chart of Highway Works



3.4 Strip chart of Highway Works



3.5 Utility shifting

Stament showing the work done of the utilty shifting

S.No	Chainage	Line Name	Status	Division	Remarks
1	19+320	11 KV	Complete	Herbatpur	
2	22+586	LT Line	Complete	Herbatpur	
3	22+720	11 KV	Complete	Herbatpur	
4	23+350	11 KV	Complete	Herbatpur	
5	25+250	11 KV	Complete	Herbatpur	
6	26+150	LT Line	Complete	Herbatpur	
7	26+900	LT Line	Complete	Ganeshpur	
8	27+700	11 KV	Complete	Ganeshpur	
9	27+720	LT Line	Complete	Ganeshpur	
10	28+060	11 KV	Complete	Ganeshpur	
11	28+325	LT Line	Complete	Ganeshpur	
12	28+450	LT Line	Complete	Ganeshpur	
13	28+850	LT Line	Complete	Ganeshpur	
14	28+565	11 KV	Complete	Ganeshpur	
15	28+750	LT Line	Complete	Ganeshpur	
16	28+900	LT Line	Complete	Ganeshpur	
17	29+100	LT Line	Complete	Ganeshpur	
18	29+100	11 KV	Complete	Ganeshpur	
19	29+174	11 KV	Complete	Ganeshpur	
20	29+800	LT Line	Complete	Ganeshpur	
21	31+150	LT Line	Complete	Ganeshpur	
22	31+350	LT Line	Complete	Ganeshpur	
23	31+360	LT Line	Complete	Ganeshpur	
24	31+370	11 KV	Complete	Ganeshpur	
25	31+500	LT Line	Complete	Ganeshpur	
26	31+800	LT Line	Complete	Ganeshpur	
27	32+500	LT Line	Complete	Ganeshpur	
28	33+650	11 KV	Complete	Ganeshpur	
29	34+000	LT Line	Complete	Ganeshpur	
30	34+200	11 KV	Complete	Ganeshpur	
31	34+450	11 KV	Complete	Ganeshpur	
32	35+800	LT Line	Complete	Ganeshpur	
33	35+850	LT Line	Complete	Ganeshpur	
34	36+400	LT Line	Complete	Mohanpur	
35	36+500	LT Line	Complete	Mohanpur	
36	36+660	LT Line	Complete	Mohanpur	
37	35+820	11 KV	Complete	Ganeshpur	
38	36+200	LT Line	Complete	Mohanpur	
39	37+035	LT Line	Complete	Mohanpur	
40	37+200	LT Line	Complete	Mohanpur	
41	37+550	LT Line	Complete	Mohanpur	
42	38+250	11 KV	Complete	Mohanpur	
43	38+925	LT Line	Complete	Mohanpur	

Status of approval

4.1 Status of drawing approval

Sr no	Schedule Chainage	Design Chainage	Size	GAD	RD	Submitted	Approved	Pending for submission	Pending for approval
BOX Culverts									
1		19+180	1X6.0 M			1	1	0	0
2		21+108	1X6.0 M			1	1	0	0
3		21+283	1X6.0 M			1	1	0	0
4		21+408	1X6.0 M			1	1	0	0
5		21+610	1X6.0 M			1	1	0	0
6	25+992	25+973	1X6.0 M	R1	R0	1	1	0	0
7	26+612	26+612	1X6.0 M	R1	R1	1	1	0	0
8	26+794	26+794	1X6.0 M	R1	R1	1	1	0	0
9	31+005	31+005	1X6.0 M	R3	R1	1	1	0	0
10	35+575	35+575	1X4.0 M	R0	R0	1	1	0	0
11		39+070	1X6.0 M			1	1	0	0
12		40+052	1X2.0 M			0	0	1	0
13		41+923	1X2.0 M			1	1	0	0
14		43+998	1X2.0 M			1	1	0	0
15		44+191	1X2.0 M			1	1	0	0
Total of BOX Culvert						**14**	**14**	**1**	**0**
Hume pipe culverts									
1	19+250	19+250	1.2			1	1	0	0
2	20+205	20+205	1.2			1	1	0	0
3	20+360	20+360	1.2			1	1	0	0
4	20+438	20+438	1.2			1	1	0	0
5	20+468	20+468	1.2			1	1	0	0
6	21+945	21+945	1.2			1	1	0	0
7	22+083	22+080	1.2			1	1	0	0
8	22+160	22+160	1.2			1	1	0	0
9	22+214	22+214	1.2			1	1	0	0
10	22+339	22+339	1.2			1	1	0	0
11	22+769	22+769	1.2			1	1	0	0
12	22+807	22+802	1.2			1	1	0	0
13	23+201	23+197	1.2			1	1	0	0
14	23+414	23+440	1.2			1	1	0	0
15	23+566	23+565	1.2			1	1	0	0
16	23+932	23+932	1.2			1	1	0	0
17	24+147	24+145	1.2			1	1	0	0
18	24+511	24+507	1.2			1	1	0	0

Sr no	Schedule Chainage	Design Chainage	Size	GAD	RD	Submitted	Approved	Pending for submission	Pending for approval
19	24+820	24+817	1.2			1	1	0	0
20	24+878	24+878	1.2			1	1	0	0
21	25+150	25+150	1.2			1	1	0	0
22	26+366	26+366	1.2			1	1	0	0
23	27+243	27+237	1.2			1	1	0	0
24	27+358	27+358	1.2			1	1	0	0
25	27+452	27+446	1.2			1	1	0	0
26	27+959	27+959	1.2			1	1	0	0
27	28+295	28+300	1.2			1	1	0	0
28	28+384	28+381	1.2			1	1	0	0
29	28+581	28+579	1.2			1	1	0	0
30	28+619	28+618	1.2			1	1	0	0
31	29+476	29+476	1.2			1	1	0	0
32	30+097	30+093	1.2			1	1	0	0
33	30+460	30+460	1.2			1	1	0	0
34	30+661	30+661	1.2			1	1	0	0
35	30+838	30+838	1.2			1	1	0	0
36	30+928	30+928	1.2			1	1	0	0
37	31+781	31+781	1.2			1	1	0	0
38	31+962	31+962	1.2			1	1	0	0
39	32+059	32+059	1.2			1	1	0	0
40	32+115	32+115	1.2			1	1	0	0
41	32+178	32+178	1.2			1	1	0	0
42	32+228	32+228	1.2			1	1	0	0
43	32+291	32+291	1.2			1	1	0	0
44	32+434	32+434	1.2			1	1	0	0
45	33+439	33+439	1.2			1	1	0	0
46	33+600	33+600	1.2			1	1	0	0
47	34+062	34+062	1.2			1	1	0	0
48	34+352	34+352	1.2			1	1	0	0
49	35+153	35+153	1.2			1	1	0	0
50	36+577	36+577	1.2			1	1	0	0
51	37+014	37+014	1.2			1	1	0	0
52	37+460	37+460	1.2			1	1	0	0
53	37+540	37+540	1.2			1	1	0	0
54	37+840	37+840	1.2			1	1	0	0
55	38+175	38+175	1.2			1	1	0	0

Sr no	Schedule Chainage	Design Chainage	Size	GAD	RD	Submitted	Approved	Pending for submission	Pending for approval
56	38+750	38+750	1.2			1	1	0	0
57	38+850	38+850	1.2			1	1	0	0
58	39+219	39+219	1.2			1	1	0	0
Total of hume pipe culvert						**58**	**58**	**0**	**0**
Minor /Major Bridges									
1	19+297	19+298	3X8 M	R2	R3	1	1	0	0
2	20+163	20+163	2X10 M	R3	R3	1	1	0	0
3	20+820	20+816	2X10 M	R0	R1	1	1	0	0
4	21+762	21+762	3X8 M	R3	R3	1	1	0	0
5	22+554	22+554	1X10 M			1	1	0	0
6	22+972	22+973	3X8 M			1	1	0	0
7	24+090	23+974	3X8 M	R3	R3	1	1	0	0
8	24+377	24+355	2X10 M	R1	R1	1	1	0	0
9	25+320	25+316	3X8 M	R4	R3	1	1	0	0
10	25+815	25+811	1X10 M	R2	R2	1	1	0	0
11	26+487	26+480	3X8 M	R3	R3	1	1	0	0
12	27+042	27+040	2X8 M	R2	R2	1	1	0	0
13	27+741	27+736	3X10 M	R3	R3	1	1	0	0
14	28+122	28+122	2X10 M			1	1	0	0
15	28+222	28+222	5X10 M	R1	R1	1	1	0	0
16	29+174	29+171	2X8 M	R2	R2	1	1	0	0
17	29+659	29+652	2X8 M	R2	R2	1	1	0	0
18	30+300	30+305	5X10 M	R2	R2	1	1	0	0
19	31+745	31+740	3X10 M	R2	R2	1	1	0	0
20	33+033	33+033	3X35 M			1	1	0	0
Total of minor/major bridges						**20**	**20**	**0**	**0**
Grade separated structures									
1	22+598	22+596	70			1	1	0	0
2	28+285	28+285	12			1	1	0	0
3	30+259	30+259	12			1	1	0	0
4	31+691	31+678	70			1	1	0	0
5	39+493	39+500	12			1	1	0	0
6	39+740	39+720	16			1	1	0	0
7	40+063	40+042	72.5			1	0	0	1
Total of GSS						**7**	**6**	**0**	**1**

Critical issues and hindrance

5.1 Hindrance in the work

Sr.No	Location		Length	Remarks
	From	To		
1	33+480	33+680	200	Non payment issues
2	34+150	34+350	200	Non payment issues
3	34+550	34+750	200	Non payment issues
4	39+000	39+120	120	Non payment issues
Total in Metre			**720**	

5.2 list of issues

Sr no	Work type	Location	Detail of issue	Remarks
1	Highway	33+480 to 33+680	Payment issue	Site is not handed over to Concessionaire
2	Drain and service road	34+150 to 34+350	Payment issue	Site is not handed over to Concessionaire
3	Drain and service road	34+550 to 34+750	Payment issue	Site is not handed over to Concessionaire
4	Highway	39+000 to 39+120	Payment issue	Site is not handed over to Concessionaire

5.3	Procurement of the site

As per Clause No. 10.3.1

On and after signing the memorandum referred in Clause 10.3.1, and until the Transfer Date, the Concessionaire shall maintain a round the clock vigil over the site and shall ensure and procure that no encroachment thereon takes place, and in the event of any encroachment or occupation on any part thereof, the Concessionaire shall report such encroachment or occupation forthwith to the Authority and undertake its removal at its cost and expenses.

It is pertinent to state that since October 2023 till date, in spite of Concessionaire's & Authority's repeated instructions GAIL Gas Limited executing the pipeline works, which is illegal under the afore mentioned Contract provisions.
Till date, owing to your illegal execution of works, the Concessionaire has suffered damages/ extra works to the tune of INR 2.00 Crores.

Mobilization Status

6.1 List of personnel deployment

Sr No	Departement	Name	Designation
Concessioniare Staff			
1	Key Role	Shivraj Singh	SPM
2	Billing & Planning	Lokesh Kumar Saraswat	Asst.Manager
3		Jignesh Chouhan	Engineer
4		Hemanth Tak	Engineer
5	Structure	Lalit Sharma	Sr. Engineer
6	Highway	Raman Kumar	Sr. Engineer
7	QA/QC	Ram Kumar Yadav	Asst.Manager
EPC Contractor Staff			
1	Key Role	Om Prakash Bhadoriya	PM
2		Kamlesh Kumar Varma	DPM
3	Billing & Planning	Soumitra Maity	Engineer
4		Gagan Kumar	Engineer
5		Surya Pratap Singh	Engineer
6	Structure	Binay kr Mishra	Engineer
7		Rohit Kumar	Engineer
8		Ankur kumar	Engineer
9		Patel Komal Kumar	Engineer
10		Lokesh Solanki	Engineer
11		Sonu Kumar	Engineer
12		Santosh Bharrdwaj	Jr.Engineer
13		Ankur Mall	Engineer
14		Saurabh Tiwari	Engineer
15		Avneesh Chaudhary	Engineer
16		Shubh Kumar	Jr. Engineer
17		Rishikesh	Engineer
18		Satyam	Engineer
19		Sanju	Engineer
20		Bhabesh	Engineer
21	QA/QC	Sudhanshu Kumar	Jr. Engineer
22		Rijayant Saini	Jr. Engineer
23	Survey	Ashok Kumar Sharma	Dy.Manager
24		Manish Kumar	Engineer
25		Sandeep	Surveyor
26		Shivam Singh	Surveyor
27		Satya Singh	Surveyor
28		Shivjeet Singh	Surveyor
29		Jai Shankar	Surveyor
30		Avanish Rai	Sr.Engineer
31		Rahul Kr.Mishra	Sr.Engineer
32		Jai Vardhan Tiwari	Engineer
33		Gajendra Singh	Engineer
34		Debjyoti Kundu	Engineer

Sr No	Departement	Name	Designation
35	Highway	Nishant Kumar Singh	Jr. Engineer
36		Naveen Shah	Jr. Engineer
37		Shailendra Singh Bhadoriya	Foreman
38		Bijendra Kumar Singh	Supervisor
39		Yogendra Singh	Supervisor
40		Vishnu Singh	Jr.Engineer
41		Rahul Singh	Supervisor
42		Avad Kishor Jadon	Supervisor
43		Satendra Singh	Supervisor
44		Aman Singh	Supervisor
45		Kuldeep Singh	Supervisor
46		Prashant Singh	Supervisor
47		Bharat Kumar	Supervisor
48		Sujeet Kumar	Supervisor RE Wall
49		Arjun Singh Jadoun	Supervisor RE Wall
50		Rohit Kumar Singh	Supervisor
51	Mechanical	Sopan Mahalle	Sr.Manager
52		Vinod kr. Patel	Sr. Engineer
53		Akhand Pratap Singh	Sr.Engineer
54		Jitendra Verma	Engineer
55		Arpit Sharma	Engineer
56		Pankaj Sharma	Engineer
57		Manish Singh Theiya	Senior Foreman
58		Vivek Kumar	Jr.Executive
59		Kuldeep Kumawat	Jr.Executive
60		Chandan Kumar	Supervisor
61		Surendra Gupta	Supervisor
62		Nank Chand	Supervisor
63		Shekhar Singh	Supervisor
64	HR	Ashutosh Upadhyay	Asst. Manager
65		Roshan Kumar	Executive
66	Liaison	Ravi Shankar	Manager
67	Account	Rahul Sharma	Executive
68		Patel Pratik Kumar	Jr.Executive
69	IT	Praveen Singh	Executive
70	SAFETY	Shubham Pandey	Executive
71	Store	Satyadhar Singh	Manager
72		Balmukund Singh	Executive
73		Pawan kr. Sharam	Jr. Executive
74		Vipul Sharma	Jr. Executive
75		Ramnivash Dhakad	Supervisor
76		Bhaskar Kumar	Crusher Supervisor
77		Manish Goirola	W/B Operator
78		Lallu Kumar	Diesel Supervisor
79		Sonu Kumar	Executive
80		Aakash Kumar	W/B Operator
81		Ajeet Singh	W/B Operator

Sr No	Departement	Name	Designation
82	QA/QC Technician & Helper	Udayveer Singh	Sr.Lab Technician
83		Sandeep Kumar	Lab Technician
84		Ramnivash Dhakad	Lab Technician
85		Ravi Prakash Singh	Lab Technician
86		Aditya Dhakar	Lab Technician
87		Santosh Baghel	Lab Technician
88		Arun Dhakad	Lab Technician
89		Raj Kumar	Lab Technician
90		Vishal Singh Rana	Lab Helper
91		Rohit Kumar	Lab Helper
92		Rohit Kumar Patel	Lab Helper
93		Mohit Kumar	Lab Helper
94		Mukul Kumar	Lab Helper
95		Chandan Sharma	Lab Helper
96		Sanjay Kumar	LMV Driver
97		Kuldeep Yadav	LMV Driver
98		Soban Singh	LMV Driver
99		Pradeep Napit	LMV Driver
100		Pradeep	LMV Driver
101		Uttam Singh	LMV Driver
102		Raja Ram	LMV Driver
103		Rajesh Kumar Sharma	LMV Driver
104		Umesh Yadav	LMV Driver
105		Dalendra Singh	LMV Driver
106		Ramakund Shukla	LMV Driver
107		Ankit Kumar	LMV Driver
108		Om Kumar	HMV Driver
109		Samarpal	HMV Driver
110		Gorelal Kol	HMV Driver
111		Tersem Lal	HMV Driver
112		Madhuraj Singh	HMV Driver
113		Ram Swaroop	HMV Driver
114		Raghubir Singh	HMV Driver
115		Suneel Kumar Yadav	HMV Driver
116		Narsingh Shukla	HMV Driver
117		Krishna Rajbhar	HMV Driver
118		Vijay Kumar	HMV Driver
119		Abhishek	HMV Driver
120		Mahipal	HMV Driver
121		Surendra Singh	HMV Driver
122		Khajan Singh	HMV Driver
123		Rajesh Yadav	HMV Driver
124		kuldeep Singh	HMV Driver
125		Devendra Singh	HMV Driver
126		Satendra Kumar	HMV Driver

Sr No	Departement	Name	Designation
127		Ramesh Pal Singh	HMV Driver
128		Guman Singh	HMV Driver
129		Manish Kumar	HMV Driver
130		Satpal Thapa	HMV Driver
131		Mukesh Kumar	HMV Driver
132		Ram Kumar Tiwari	HMV Driver
133		Shiv Singh	HMV Driver
134		Rajesh Kumar	HMV Driver
135		Manish	HMV Driver
136		Suresh Kumar	HMV Driver
137		Rakesh Kumar	HMV Driver
138		Shankar Singh	HMV Driver
139		Shahadat Ali	HMV Driver
140		Deepak	HMV Driver
141		Hritik Chauhan	HMV Driver
142		Khajan Singh	HMV Driver
143		Sandeep Kumar	HMV Driver
144		Asharam	TM Driver
145		Padam Singh	TM Driver
146		Lalit Singh	TM Driver
147		Sandeep Singh	TM Driver
148		Sanjay Paswan	TM Driver
149		Amresh Singh	TM Driver
150		Baleshwar Prasad Tiwari	TM Driver
151		Gabbar Singh	TM Driver
152		Sandeep Kumar	TM Driver
153		Sanjay Yadav	TM Driver
154		Manish Kumar	TM Driver
155		Lalji	TM Driver
156		Shobhit Juyal	TM Driver
157		Vishnu Yadav	Boom Placer opt
158		Raj kumar	Boom Placer opt
159		Virender Kumar Patel	Excavator Operator
160		Ramesh Kumar	Excavator Operator
161		Sham Singh	Excavator Operator
162		Nandlal Patel	Excavator Operator
163		Ajay Kumar Patel	Excavator Operator
164		Jagdish Singh	Excavator Operator
165		Munna Sah	Excavator Operator
166		Pravesh Kumar	Excavator Operator
167		Vimal Sresht	Excavator Operator
168		Manoj Kumar	Excavator Operator

Sr No	Departement	Name	Designation
169	Other	Karnesh Chauhan	Excavator Operator
170		Sunil Kumar Rawat	Grader Operator
171		Ram Krishna Patel	Grader Operator
172		Puneet Kumar	Grader Operator
173		Deepak Kumar	Grader Operator
174		Anil Kumar Patel	Grader Operator
175		Rajeev Yadav	Grader Operator
176		Vikash Babu	Roller opt
177		Vijay Patel	Roller opt
178		Shiromani Singh	Roller opt
179		Dharamveer	Roller opt
180		Yogendra Kumar Singh	Roller opt
181		Kamal Kishor Singh	Roller opt
182		Satish Chandra	Roller opt
183		Rameshwar	Roller opt
184		Anuraj Patel	Roller opt
185		Umesh Kumar Patel	Roller opt
186		Sanjay Kumar Patel	JCB Operator
187		Dhanraj Prasad	JCB Operator
188		Keshwar Bhagat	JCB Operator
189		Vishnu Patel	Wheel Loader Opt
190		Om Prakash Pandit	Wheel Loader Opt
191		Raj kumar	Wheel Loader Opt
192		Sukhwinder Singh	Wheel Loader Opt
193		Jaimal Singh	Wheel Loader Opt
194		Parveen Kumar	Wheel Loader Opt
195		Aman Kumar	Wheel Loader Opt
196		Chandan Kumar	Paver Operator
197		Ashok Kumar	Paver Operator
198		Ravi Kumar Sharma	Paver Operator
199		Yogendra Singh	PTR Operator
200		Sandip Katiyar	Screed Operator
201		Vishal	Screed Operator
202		Dharmendra Kumar	Auto Electrician
203		Pappu	Electrician
204		Sudhir Kumar	Auto Electrician
205		Rishikesh	Mechanic
206		Mr. Injar Khan	Mechanic
207		Gaurav Rathaur	Asst. Mechanic
208		Shalendra Pandey	Asst.Mechanic
209		Lalit Yadav	Hydra Operator
210		Ankit Sharma	RMC Plant Operator

Sr No	Departement	Name	Designation
211		Vishwajeet Kumar Singh	RMC Plant Operator
212		Gaurav Sharma	RMC Plant Operator
213		Deepak Kumar Mahto	WMM Plant Operator
214		Ebinay Lal Paswan	Tyre Fitter
215		Chhotu Bhadauriya	Tyre Fitter
216		Aman	Tyre Fitter
217		Sunil Kumar Chauhan	Welder
218		Fantus	Power Screen Operator
219		Vikash Kumar	Power Screen Operator
220		Arjun	RMC Plant Helper
221		Lavakush Kr Gautam	Boom Helper
222		Deepak Kumar	RMC PlantHelper
223		Jabir	Plumber
224		Ankit Kumar	Plant Helper
225		Chandan Kumar	Workshop Helper
226		Rahul	Plant Helper
227		Sanjay	Plant Helper
228		Vishwakarma Kumar Mahto	Mech. Workshop Helper
229		Durgesh	Workshop Helper
230		Deepak Kumar	WMM Plant Helper
231		Arvind Kumar	WMM Plant Helper
232		Akash	Paver Helper
233		Sumit Kumar	Workshop Helper
234		Vipin Kumar Rawat	Browser Helper
235		Mhaveer Singh	Workshop Helper
236		Lavkush Kumar	Boom Helper
237		Santosh Kumar	Helper
238		Lalkeshwar yadav	Power Screen Helper
239		Ankit Yadav	Paver Helper
240		Nitin Kumar	Office Boy
241		Subash Kumar	Helper
242		Bachcha Singh	Office Boy
243		Shivam	Sweeper
244		Vishal Maurya	Sweeper
245		Amit Kumar	Sweeper
246		Ambrish Singh	Store Helper
247		Devabrat Singh	Store Helper
248		Neeraj Ojha	Store Helper
249		Durgesh	Survey Helper
250		Vinit Kumar	Survey Helper
251		Sumit	Survey Helper
252		Sukhbeer Kumar Sen	Survey Helper

6.2 Mobilization of plants & machinery

Sr. No	Item Description	Unit	Nos
1	Hydraulic Excavator (20 Ton)	Nos.	19
2	Dumpers (25 Ton)	Nos.	62
3	Backhoe Loader	Nos.	9
4	Wheel Loader	Nos.	4
5	Motor Grader	Nos.	7
6	Crane /Hydra	Nos.	2
7	Dozer	Nos.	2
8	Baby Roller	Nos.	1
9	Soil Compactor	Nos.	10
10	Transit Mixers	Nos.	9
11	Water Tanker	Nos.	7
12	Trailer	Nos.	2
13	Weigh Bridge	Nos.	3
14	Utility Vehicles	Nos.	6
15	Track Mounted Jaw Crusher 250 TPH	Nos.	1
16	Track Mounted Cone Crusher 250 TPH	Nos.	1
17	Track Mounted Screen Crusher 250 TPH	Nos.	1
18	Concrete Batching Plant (45 Cum)	Nos.	2
19	Venus Mobile Concrete Batching Plant (18 Cum)	Nos.	1
20	Bitumen Browser 8KI	Nos.	1
21	WMM Plant	Nos.	1
22	HM Plant	Nos.	1

6.2 Mobilization of plants & machinery

Sr. No	Item Description	Unit	Nos
23	Screening Plant	Nos.	2
24	RE Block Plant	Nos.	1
25	DG Sets	Nos.	21
26	Diesel Tanker	Nos.	3
27	Bike	Nos.	7
28	LMV	Nos.	11
30	Boom Placer	Nos.	1
31	Silo 150 MT	Nos.	4
32	Concrete Bucket (0.5 cum)	Nos.	1
33	Mud Pump 25HP	Nos.	4
34	Fork Lift	Nos.	1
35	Tower Light	Nos.	1
36	Mechanical Broomer with Air Compressor	Nos.	1
37	WMM Paver	Nos.	1
38	DBM Paver	Nos.	1
		Total	**212**

6.3 Mobilization of lab equipments

Sr no	Description	Nos	Remarks
1	Hot air Oven 60cm X 60 cmX 60 cm,	2	
2	Hot plate 200mm dia (1500 watt)	2	
	MDD/OMC		
3	Proctor Mould (2250 cc)	2	
4	Proctor Mould (1000 cc)	2	
5	Modified Proctor Rammer(4.89 kg capacity)	6	
6	Modified procter hammer 2.6 Kg capacity	2	
7	150 mm Steel Spatula with wooden handle for Proctor (Big)	8	
8	Straight Edge (300mm)	2	
9	Hammer (Rubber Malet)	2	
	CBR test		
10	CBR Testing Machine - With plunger	1	
11	CBR Mould (Assumption: Everyday 4 CBR samples (12 moulds))	30	
12	Brass perforated plate	30	
13	Surcharge weight 147mm dia 2.5 kg wt. (Annular)	30	
14	Surcharge weight 147mm dia 2.5 kg wt. (slotted)	30	
15	Speacer disc	30	
16	Dial Gauge (min 25mm)	10	
17	Proving Ring - 50 KN capacity	2	
18	Soaking Tank for CBR Moulds (6 CBR molds)	1	
	LL/PL		
19	Cassagrande Apparatus with groving tools (Hand operated)	2	
20	100 mm Steel Spatula with wooden handle for LL & PL (Small)	4	
21	Glass PL Rod (3mm thickness)	4	
22	Ground Glass Plate with rounded edge 600*600*10mm	4	
23	Cone Penetrometer for soil	2	
24	China clay Bowl	7	
	FSI		
25	Measuring cylinder 100 ml Capacity (Glass Make Borocil) for FSI test	20	
	NDT Test		
26	Rebound Hammer	1	
	FDD		
27	Sand Pouring Cylinder (100 mm dia)	2	
28	Tray for 10 cm dia	2	
29	Calibrating Container 100 mm dia	100	
30	Sand Pouring Cylinder (150 mm)	2	
31	Tray for 150 mm dia	2	
32	Calibrating Container 150 mm dia	2	
33	Sand Pouring Cylinder (200 mm)	2	
34	Tray for 200 mm dia	2	
35	Calibrating Container 200 mm dia	2	

Sr no	Description	Nos	Remarks
36	Rapid moisture meters	5	
37	Calcium Carbide 500 gm pkt	10	
B. List of Lab Equipment for concrete Laboratory (Structural			
FI & EI			
38	Flakiness Gauge	2	
39	Elongation gauge	2	
AIV			
40	AIV Apparatus(full set)	1	
Crushing value			
41	Crushing value apparartus	1	
Bulk Density			
42	Bulk density cylinder capacity of **3 Ltr**	1	
43	Bulk density cylinder capacity of **15 Ltr**	1	
44	Bulk density cylinder capacity of **30 Ltr**	1	
45	Tamping Rod of 16mmØ and 60cm long	6	
Sp.Gravity & WA			
46	Specific gravity for coarse aggregate complete set up	1	
47	Electronic Weighing balance of 10 kg capacity	1	
48	Specific gravity Pycnometer capaity of 1 LTR (FA)	2	
Consistency,Initial & Final Setting time,soundness of cement			
49	Vicat Apparatus with plunger and Initial&Final setting time needles	2	
50	Gauging Trowel	6	
51	Lee chatlier Apparatus	5	
52	Constant Temp. Bath	1	
Compressive strength of cement mortar			
53	Mortar cube vibrating machine	1	
54	Mortar cube moulds **(70.6mm x 70.6mm x 70.6mm)**	18	
55	Standard sand (Grade1,2 & 3) 25 kg each	9	
Compressive strength of concrete			
56	Concrete cube Moulds **(150mm x 150mm x 150mm)**	84	150-Cast Iron , 150 - Plastic
57	Vibrating table for cube casting (1mX1m)	1	
58	Compression testing Machine- 2**000 KN**	1	
59	Tamping Rod of 16mmØ and 60cm long	6	
60	Cube moulds **(100mmx100mmX100mm)**	12	
61	Concrete mixer - (Tilting Drum Mixer)	1	
62	Mason Trowel Big	10	
Slump test			
63	Slump cone with rod (Sets)	6	
64	Steel ruler,30cm long	8	
65	Sampling Scoop (2.5 Kg capacity)	4	
66	Sampling Scoop (1.0 Kg capacity)	4	
C. List of Lab Equipment for Bitumen and Bitumen Mixes			
67	Specific gravity bottle 50ml	5	

Sr no	Description	Nos	Remarks
68	Core cutting machine with 100 mm and 150 mm dia. Diamond Cutting Bit (100mm & 150mm) Machine -1 Core bits - each 2	1	
69	Filter Paper, 100 mm dia (Packet) & 150mm dia (packet)	10	
C. IS Sieves for Soil,GSB,WMM,DBM,BC,cement,Fly ash,Filter			
Brass Sieve 200 mm Dia			
70	Brass Sieve 4.75 mm	2	
71	Brass Sieve 2.36 mm	2	
72	Brass Sieve 2.00 mm	1	
73	Brass Sieve 1.40 mm	1	
74	Brass Sieve 1.18 mm	1	
75	Brass Sieve 1.00 mm	2	
76	Brass Sieve 850 mic.	1	
77	Brass Sieve 710 mic.	1	
78	Brass Sieve 600 mic.	1	
79	Brass Sieve 425 mic.	1	
80	Brass Sieve 300 mic.	2	
81	Brass Sieve 180 mic.	1	
82	Brass Sieve 150 mic.	2	
83	Brass Sieve 90 mic.	2	
84	Brass Sieve 75 mic.	2	
85	Brass Sieve 45 mic.	2	
GI Sieve 450 mm Dia			
86	GI Sieve 75 mm	2	
87	GI Sieve 63 mm	1	
88	GI Sieve 53 mm	1	
89	GI Sieve 45 mm	3	
90	GI Sieve 40 mm	1	
91	GI Sieve 37.5 mm	2	
92	GI Sieve 31.5 mm	2	
93	GI Sieve 26.5 mm	2	
94	GI Sieve 25 mm	1	
95	GI Sieve 22.4 mm	1	
96	GI Sieve 20 mm	2	
97	GI Sieve 19 mm	1	
98	GI Sieve 16 mm	1	
99	GI Sieve 13.2 mm	1	
100	GI Sieve 12.5 mm	1	
101	GI Sieve 11.2 mm	2	
102	GI Sieve 10 mm	2	
103	GI Sieve 9.5 mm	2	
104	GI Sieve 6.3 mm	1	
105	GI Sieve 5.6 mm	1	
106	GI Sieve 4.75 mm	1	
107	GI Sieve 2.36 mm	2	
108	GI Lid and Pan	0	
Common items			

Sr no	Description	Nos	Remarks
109	Vernier Caliper-300mm (Digital)	1	
110	Electronic Weighing Balance (30 Kg) , 1gm	2	
111	Electronic Weighing Balance (10 Kg) 0.5 gm	1	
112	Electronic Weighing Balance (600G) , 0.01gm	2	
113	Measuring cylinder of 1000ml capacity(Plastic)	2	
114	Measuring cylinder of 500ml capacity(Plastic)	2	
115	Hydrometer (0.8 to 0.9)	3	
116	Rain gauge -	1	
117	Digital Thermometer (0 to 250^{o} C) - Pen type	5	
118	Iron hammer	4	
119	Lab Programme display board (white board)	1	
120	Measuring tape steel 30 mtr	1	
121	Measuring tape steel 5 mtr	1	
122	Spades	2	
123	Pick axes	2	
124	Sampling Scoop	4	
For calibration of HMP and Batching palnt			
125	Standard Iron weights 20kg	1	
126	Standard Iron weights 10 kg	1	
127	Standard Iron weights 5 kg	1	
128	Standard Iron weights 2 kg	1	
129	Standard Iron weights 1 kg	1	
130	Standard Iron weights 500 gms	1	
131	Standard Iron weights 200gms	1	
132	Standard Iron weights 100gms	1	
D. List of Lab Equipment for Bitumen and Bitumen Mixes			
133	Measuring Cylinder Glass 100ml	16	
134	Proving Ring - 30 KN	2	
135	Dial Gauge 25mm	6	
136	Stop Watch Digital	2	
137	Softening Point App. (Ring & Ball)	1	
138	Standard Penetrometre Digital	1	
139	Say Bolt Visco Metre	1	
140	Bitumen Extractor Electrical	1	
141	Bitumen Extractor Manual	1	
142	Ductility Machine	1	
143	Marshal Pedestal 100mm	1	
144	Marshal Rammer 100mm Dia	4	
145	Marshal Pedestal 150mm	1	
146	Marshal Rammer 150mm Dia	4	
147	Marshal Stability Machine	1	
148	Marshal Mould 100 mm Dia	30	
149	Marshal Mould 150 mm Dia	30	
150	Viscosity Bath	1	
151	Viscosity Glass Tube 6no.	1	
152	Viscosity Glass Tube 12no.	1	
153	Rotary Vaccum Pump	1	
154	GMM Flask 2000 ML	1	
155	GMM Flask 5000 ML	1	
156	Silicon Oil	20	

Sr no	Description	Nos	Remarks
157	Water Bath	1	
158	S.G. Bottle 50 ml	4	
159	Thin Film Oven	1	
160	Core Bit 100 MM	4	
161	Core Bit 150 MM	4	
162	Flash & Fire Point App.	1	
163	M. Cylinder 250 ML Glass	4	
164	M. Cylinder 500 ML Glass	4	
165	M. Cylinder 1000 ML Glass	2	
166	Funnel	4	
167	Glass Thermometre	5	
168	Maximum & Minimum Thermometre	1	
169	Circular Tray	15	
170	G.I Tray 300 X 300 mm	6	
171	Gloves (Rbber)	10	
172	Hot Mix Gloves	10	
173	Wash Bottle	5	
174	Scoop	12	
175	Spatula 100 mm	6	
176	Thickness Gauge 6''	4	
177	Thickness Gauge 12''	4	
178	Vernier Calliper Digital 150 mm	1	
179	Digital Thermometer Pen Type	10	
180	Digital Thermometer	2	
181	Spirit Level	1	
182	Lazer Thermometer	2	
183	Filter Paper 110 mm	15	
184	Filter Paper 150 mm	15	
185	Filter Paper 240 mm	15	
186	M. Cylinder 1000 ML Plastic	2	
187	M. Cylinder 500 ML Plastic	2	
188	Borosil	4	
189	Brealcing Head	2	
190	Glass Funnel	4	
191	Glass Plate	2	

Quality control test conducted summary

7.1 Quality control test conducted summary

Sl.No	Type of Test	Frequency	Test method	No of test Required during Month	No. of Test conducted up to previous months			No. of Test conducted During Month			No. of Test conducted up to this months			No. of Test conducted by Independent Engineer			Remarks
					Conducted	Pass	Fail	Conducted	Pass	Fail	Conducted	Pass	Fail	During month	Upto last month	To date	
A	**OGL**																
i)	Grain Size Analysis	2 tests for 3000 cu.m of soil	IS 2720 Part-4	0	80	80	0	0	0	0	80	80	0	0	21	**21**	
ii)	Atterberg Limits (LL & PL)	2 tests for 3000 cu.m of soil	IS 2720 Part-5	0	80	80	0	0	0	0	80	80	0	0	21	**21**	
iii)	Proctor Test(MDD & OMC)	2 tests for 3000 cu.m of soil	IS 2720 Part-8	0	80	80	0	0	0	0	80	80	0	0	21	**21**	
iv)	Free Swell Index (FSI)	2 tests for 3000 cu.m of soil	IS 2720 Part-40	0	80	80	0	0	0	0	80	80	0	0	21	**21**	
v)	CBR Test	1 test for 3000 m^3	AASHTO T 193	0	3	3	0	0	0	0	3	3	0	0	2	**2**	
B	**Borrow Area**																
i)	Grain Size Analysis	2 tests for 3000 cu.m of soil	IS 2720 Part-4	34	267	267	0	34	34	0	301	301	0	0	182	**182**	
ii)	Atterberg Limits (LL & PL)	2 tests for 3000 cu.m of soil	IS 2720 Part-5	34	267	267	0	34	34	0	301	301	0	0	182	**182**	
iii)	Proctor Test(MDD & OMC)	2 tests for 3000 cu.m of soil	IS 2720 Part-8	34	267	267	0	34	34	0	301	301	0	0	182	**182**	
iv)	Free Swell Index (FSI)	2 tests for 3000 cu.m of soil	IS 2720 Part-40	34	267	267	0	34	34	0	301	301	0	0	182	**182**	
v)	CBR Test for SG	1 test for 3000 m^3	AASHTO T 193	17	56	56	0	17	17	0	73	73	0	0	39	**39**	
C	**Cutting Soil for Emb/Subgrade**																
i)	Grain Size Analysis	2 tests for 3000 cu.m of soil	IS 2720 Part-4	16	2	2	0	16	16	0	2	2	0	0	2	**2**	
ii)	Atterberg Limits (LL & PL)	2 tests for 3000 cu.m of soil	IS 2720 Part-5	16	2	2	0	16	16	0	2	2	0	0	2	**2**	
iii)	Proctor Test(MDD & OMC)	2 tests for 3000 cu.m of soil	IS 2720 Part-8	16	2	2	0	16	16	0	2	2	0	0	2	**2**	
iv)	Free Swell Index (FSI)	2 tests for 3000 cu.m of soil	IS 2720 Part-40	16	2	2	0	16	16	0	2	2	0	0	2	**2**	
vi)	CBR Test for SG	1 test for 3000 m^3	AASHTO T 193	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
D	**Field Compaction Test(FDD)**																
i)	Compaction Test for OGL (m^2)	1 Tests for every 3000 m^2	IS 2720 Part-28	0	1632	1501	131	0	0	0	1632	1501	131	0	867	**867**	
ii)	Compaction Control for Embankment	1 Test/3000 m2	IS 2720 Part-28	1390	20720	19387	1333	1390	1350	40	22110	20737	1373	689	7946	**8635**	
iii)	Compaction Control for Sub Grade	1 Test/2000 m2	IS 2720 Part-28	1405	4587	4227	360	1405	1375	30	5992	5602	390	754	1684	**2438**	
iv)	Compaction Control for GSB			424	505	455	50	424	421	3	929	876	53	186	105	**291**	
v)	Compaction Control for WMM			29	159	136	23	29	28	1	188	164	24	10	64	**74**	
vi)	Compaction Control for RE Wall			520	545	507	38	520	518	2	1065	1025	40	264	151	**415**	
E	**For Granular Subbase (m^3)**																
i)	Gradation	One test per 400 cu.m	IS 2386 Part-1	70	146	146	0	70	70	0	216	216	0	32	50	**82**	
ii)	Atterberg Limits (LL & PL)	One test per 400 cu.m	IS 2720 Part-5	70	146	146	0	70	70	0	216	216	0	32	47	**79**	
iii)	Proctor Test(MDD & OMC)	As Required	IS 2720 Part-8	0	34	34	0	0	0	0	34	34	0	0	11	**11**	
iv)	CBR Test in soaked condition	As Required	IS 2720 Part-28	0	3	3	0	0	0	0	3	3	0	0	3	**3**	
v)	Water Absorption	As required	IS 2386 Part-3	0	1	1	0	0	0	0	1	1	0	0	1	**1**	
vi)	Ten percent Fines Value	Source Approval/when required	IS 2386 Part-4	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
F	**For Wet mix Macadam (m^3)**																
i)	Gradation	One test per 200 cu.m of aggregate	IS 2386 Part-1	8	47	47	0	8	8	0	55	55	0	4	16	**20**	
ii)	Atterberg Limits (LL & PL)	One test per 200 cu.m of aggregate	IS 2720 Part-5	8	47	47	0	8	8	0	55	55	0	4	16	**20**	
iii)	Proctor Test(MDD & OMC)	As Required	IS 2720 Part-8	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
iv)	Aggregate Impact Value(AIV)	One test per 1000 cu.m of aggregate	IS 2386 Part-4	2	11	11	0	2	2	0	13	13	0	1	4	**5**	
v)	FI & EI	One set of three tests per 500 sq.m	IS 2386 Part-1	3	21	21	0	3	3	0	24	24	0	1	10	**11**	

Sl.No	Type of Test	Frequency	Test method	No of test Required during Month	No. of Test conducted up to previous months			No. of Test conducted During Month			No. of Test conducted up to this months			No. of Test conducted by Independent Engineer			Remarks
					Conducted	Pass	Fail	Conducted	Pass	Fail	Conducted	Pass	Fail	During month	Upto last month	To date	
vi)	Water absorption of Aggregate	Source Approval/when required	IS 2386 Part-3	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
G	**For Prime Coat / Tack Coat**																
i)	Quality of binder	Number of samples per lot and tests as per IS:73, IS:217 and IS:8887 as applicable		2	3	3	0	2	2	0	5	5	0	1	2	**3**	
ii)	Binder temperature for application	At regular close intervals		0	6	6	0	0	0	0	0	0	0	0	4	**4**	
iii)	Rate of Spread of Binder/Prime coat (m^2)	Three tests per day	IRC SP 11	15	12	12	0	15	15	0	27	27	0	9	7	**16**	
iv)	Rate of Spread of Binder/Tack coat (m^2)	Three tests per day	IRC SP 11	15	12	12	0	15	15	0	27	27	0	9	7	**16**	
H	**Bitumen (VG)**																
i)	Penetration Test (Lot)	Each lot 1 test	IS 1203	6	3	3	0	6	6	0	9	9	0	3	3	**6**	
ii)	Softening Point (Lot)	Each lot 1 test	IS 1205	6	3	3	0	6	6	0	9	9	0	3	3	**6**	
i	**Modified Bitumen (CRMB)**																
i)	Penetration Test (Lot)	Each lot 1 test	IS 1203	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
ii)	Softening Point (Lot)	Each lot 1 test	IS 1205	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
iii)	Elastic Recovery Test (Lot)	Each lot 1 test	IRC:SP:53	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
I	**Special Grade Bitumen**																
i)	Penetration Test (Lot)	Each lot 1 test	IS 1203	0	5	5	0	0	0	0	5	5	0	0	2	**2**	
ii)	Softening Point (Lot)	Each lot 1 test	IS 1205	0	5	5	0	0	0	0	5	5	0	0	2	**2**	
J	**Bituminous Macadam (M^3)**																
i)	Quality of binder	Number of samples per lot and tests as per IS:73, IS:217 and IS:8887 as applicable	IS:73, IS:217 & IS:8887 as applicable	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
ii)	Aggregate Impact Value/Los Angles Abrasion Value	One test per 200 cu.m of each source and whenever there is change in the quality of aggregate	IS 2386 Part-4	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
iii)	Combined Flakiness and Elongation Indices	One test per 350 cu.m for each source	IS 2386 Part-1	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
iv)	Stripping Value	One test of each source and whenever there is change in the quality of aggregate	IS: 6241	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
v)	Water absorption of Aggregates	One test of each source and whenever there is change in the quality of aggregate	IS 2386 Part-3	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
vi)	Water Sensitivity of mix	One test of each source and whenever there is change in the quality of aggregate	ASHTO 283	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
vii)	Grading of aggregate	Two tests per day		0	0	0	0	0	0	0	0	0	0	0	0	**0**	
viii)	Soundness(Magnesium Sulphate/Sodium Sulphate)	One test for each source and whenever there is change in the quality of aggregate	IS:2386 Part-5	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
ix)	Percentage of fractured faces	One test per 100 cu.m of aggregate		0	0	0	0	0	0	0	0	0	0	0	0	**0**	
x)	Binder Content	Two tests per day per plant	ASTM D 2172	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
xi)	Control of temperature of binder and aggregate for mix and of the mix at the time of laying and rolling	At regular intervals		0	0	0	0	0	0	0	0	0	0	0	0	**0**	
xii)	Density of Compacted Layer	One test per 700 sq.m area	AASTHO T 166	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
xiii)	Rate of Spread of Mixed Material	At regular intervals		0	0	0	0	0	0	0	0	0	0	0	0	**0**	
xiv)	Mix Grading (dry)	Each 400 tones of mix	MoRT&H T4	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
K	**Dense Bituminous Macadam**																
i)	Quality of binder	Number of samples per lot and tests as per IS:73, or IRC:SP:53, IS:15462	IS:73, IS:217 & IS:8887 as applicable	5	3	3	0	5	5	0	8	8	0	2	3	**5**	
ii)	Aggregate Impact Value/Los Angles Abrasion Value	One test per 350 cu.m of aggregate for each source and whenever there is change in the quality of aggregate	IS 2386 Part-IV	3	4	4	0	3	3	0	7	7	0	1	3	**4**	

Sl.No	Type of Test	Frequency	Test method	No of test Required during Month	No. of Test conducted up to previous months			No. of Test conducted During Month			No. of Test conducted up to this months			No. of Test conducted by Independent Engineer			Remarks
					Conducted	Pass	Fail	Conducted	Pass	Fail	Conducted	Pass	Fail	During month	Upto last month	To date	
iii)	Combined Flakiness and Elongation Indices	One test per 350 cu.m of aggregate for each source and whenever there is change in the quality of aggregate	IS 2386 Part-I	3	4	4	0	3	3	0	7	7	0	1	3	**4**	
iv)	Soundness test (Sodium or Magnesium Sulphate test)	One test for each source and whenever there is change in the quality of aggregate	IS 2386 Part-V	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
v)	Water absorption of Aggregate	One test for each source and whenever there is change in the quality of aggregate	IS 2386 Part-III	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
vi)	Sand equivalent test	One test for each source and whenever there is change in the quality of aggregate		0	0	0	0	0	0	0	0	0	0	0	0	**0**	
vii)	Plasticity Index	One test for each source and whenever there is change in the quality of aggregate		0	0	0	0	0	0	0	0	0	0	0	0	**0**	
viii)	Polished stone value	One test for each source and whenever there is change in the quality of aggregate	IS:2386 Part-IV	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
ix)	Percentage of fractured face	One test per 350 cu.m of aggregate when crushed gravel is used	ASTM D 5821, IS: 2386 - Part 1	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
x)	Mix grading	One set for individual constituent and mixed aggregate from dryer for each 400 tonnes of mix subject to two tests per day per plant		7	7	7	0	7	7	0	14	14	0	3	4	**7**	
xi)	Stability and voids analysis of mix including theoretical maximum specific of loose mix	Three tests for stability, flow value, density and void contents for each 400 tonnes of mix subject to minimum of two tests per day per plant		5	4	4	0	5	5	0	9	9	0	2	3	**5**	
xii)	Moisture Susceptibility of mix (AASHTO T283)	One test for each mix whenever there is change in the quality or source of coarse of fine aggregate	ASHTO 283	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
xiii)	Temperature of binder in boiler, aggregate in dryer and mix at the time of laying and compaction	At regular intervals		0	8	8	0	0	0	0	8	8	0	0	5	**5**	
xiv)	Binder Content	One set for each 400 tonnes of mix subject to minimum of two tests per day per plant	MS-2, ASTM D 5581	7	7	7	0	7	7	0	14	14	0	3	3	**6**	
xv)	Rate of spread of mix material	After every 5th truck load		0	16	16	0	0	0	0	16	16	0	0	10	**10**	
xvi)	Density of Compacted Layer	One test per 700 sq.m area	AASTHO T 166	33	32	32	0	33	33	0	65	65	0	19	15	**34**	
xvii)	Stripping Value of Aggregate	Source Approval/when required	IS: 6241	0	2	2	0	0	0	0	2	2	0	0	1	**1**	
xviii)	with sodium sulphate	Source Approval/when required	-	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
xix)	with magnesium sulphate	Source Approval/when required	-	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
xx)	SG/Water absorption of Aggregate	Source Approval/when required	IS 2386 Part-3	0	2	2	0	0	0	0	2	2	0	0	1	**1**	
xxi)	Mix Grading (dry)	Each 400 tones of mix	MoRT&H Table 500-10	7	7	7	0	7	7	0	14	14	0	0	4	**4**	
xxii)	Stability of mix	Each 400 tones of mix	ASTM D 1559	0	4	4	0	0	0	0	4	4	0	0	0	**0**	
L	**Bituminous Concrete (M^3)**																
i)	Quality of binder	Number of samples per lot and tests as per IS:73, or IRC:SP:53, IS:15462		0	0	0	0	0	0	0	0	0	0	0	0	**0**	
ii)	Aggregate Impact Value/Los Angles Abrasion Value	One test per 350 cu.m of aggregate for each source and whenever there is change in the quality of aggregate	IS 2386 Part-IV	0	3	3	0	0	0	0	3	3	0	0	2	**2**	
iii)	Flakiness and Elongation Index	One test per 350 cu.m of aggregate for each source and whenever there is change in the quality of aggregate	IS 2386 Part-I	0	3	3	0	0	0	0	3	3	0	0	2	**2**	
iv)	Soundness test (Sodium or Magnesium Sulphate test)	One test for each source and whenever there is change in the quality of aggregate	IS 2386 Part-V	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
v)	Water absorption of Aggregate	One test for each source and whenever there is change in the quality of aggregate	IS:2386 Part-III	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
vi)	Sand equivalent test	One test for each source and whenever there is change in the quality of aggregate		0	0	0	0	0	0	0	0	0	0	0	0	**0**	
vii)	Plasticity Index	One test for each source and whenever there is change in the quality of aggregate		0	0	0	0	0	0	0	0	0	0	0	0	**0**	
viii)	Polished stone value	One test for each source and whenever there is change in the quality of aggregate	IS:2386 Part-IV	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
ix)	Percentage of fractured face	One test per 350 cu.m of aggregate when crushed gravel is used		0	0	0	0	0	0	0	0	0	0	0	0	**0**	
x)	Mix grading	One set for individual constituent and mixed aggregate from dryer for each 400 tonnes of mix subject to two tests per day per plant		0	5	5	0	0	0	0	5	5	0	0	4	**4**	

Sl.No	Type of Test	Frequency	Test method	No of test Required during Month	No. of Test conducted up to previous months			No. of Test conducted During Month			No. of Test conducted up to this months			No. of Test conducted by Independent Engineer			Remarks
					Conducted	Pass	Fail	Conducted	Pass	Fail	Conducted	Pass	Fail	During month	Upto last month	To date	
xi)	Stability and voids analysis of mix including theoretical maximum specific of loose mix	Three tests for stability, flow value, density and void contents for each 400 tonnes of mix subject to minimum of two tests per day per plant	AASTHO T 245	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
xii)	Moisture Susceptibility of mix (AASHTO T283)	One test for each mix whenever there is change in the quality or source of coarse of fine aggregate	ASHTO 283	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
xiii)	Temperature of binder in boiler, aggregate in dryer and mix at the time of laying and compaction	At regular intervals		0	0	0	0	0	0	0	0	0	0	0	0	**0**	
xiv)	Binder Content	One set for each 400 tonnes of mix subject to minimum of two tests per day per plant	ASTM D 2172	0	5	5	0	0	0	0	5	5	0		4	**4**	
xv)	Rate of spread of mix material	After every 5th truck load		0	0	0	0	0	0	0	0	0	0		0	**0**	
xvi)	Density of Compacted Layer	One test per 700 sq.m area	AASTHO T 166	0	18	18	0	0	0	0	18	18	0		6	**6**	
xvii)	Stripping Value of Aggregate	Source Approval/when required	IS 6241	0	0	0	0	0	0	0	0	0	0		0	**0**	
xviii)	with sodium sulphate	Source Approval/when required	-	0	0	0	0	0	0	0	0	0	0		0	**0**	
xix)	with magnesium sulphate	Source Approval/when required	-	0	0	0	0	0	0	0	0	0	0		0	**0**	
xx)	SG/Water absorption of Aggregate	Source Approval/when required	IS 2386 Part-3	0	0	0	0	0	0	0	0	0	0		0	**0**	
xxi)	Mix Grading (dry)	Each 400 tones of mix	MoRT&H T10	0	5	5	0	0	0	0	5	5	0	0	6	**6**	
xxii)	Stability of mix	Each 400 tones of mix	ASTM D 1559	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
M	**Dry Lean Concrete (DLC)**																
	Gradation of Aggregate (Individual /Combined)	1 Test/Day	IS: 2386, Part 1	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
	Strength of concrete	3 Samples/1000sqm	IS:516	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
	Field Compaction Test (By Sand Replacement Method)	3 density holes/2000sqm	IS: 2720, Part 28	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
N	**Pavement Quality Concrete (PQC)**																
	Gradation of Aggregate (Individual /Combined)	1 Test/Day	IS: 2386, Part 1	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
	Deleterious Constutuents	1 Test/Source	IS: 2386, Part 2	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
	Water Absorption	1 Test/Source	IS: 2386, Part 3	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
	Moisture Content Test	1 Test/Day	IS: 2386, Part 3	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
	Los Angeles Abrasion Test	1 Test/Source	IS: 2386, Part 4	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
	Combined Flakiness & Elongation	1 Test/Week	IS: 2386, Part 1	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
	Sand Equivalent Test	1 Test/Source	IS: 2720, Part 37	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
	Soundness of aggregates	1 Test/Source	IS:2386,Part 5	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
	Compressive Strength of Concrete	2 cubes and 2 beams per 150 cu.m or part of or minimum 6 cubes an 6 beams (3 for 7days & 3 for 28 days)	IS: 516	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
	Flexural Strength		IS: 516	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
	Core Strength	As Required	IS: 516	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
	Workabilty of Concrete	One test for each load at both Batching plant site and paving site	IS: 1199	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
O	**Structural Concrete Work (M^3)**																
1	**Cement**															**0**	-
i)	Consistency	for Every Batch/Lot	IS 4301 Part-4	4	54	54	0	4	4	0	58	58	0	0	27	**27**	
ii)	Initial setting time & final setting time	for Every Batch/Lot	IS 4301 Part-5	4	54	54	0	4	4	0	58	58	0	0	27	**27**	
iii)	Fineness	for Every Batch/Lot	IS 4301 Part-1	4	54	54	0	4	4	0	58	58	0	0	25	**25**	
iv)	Compressive strength (3 Days)	for Every Batch/Lot	IS 4301 Part-6	6	72	72	0	6	6	0	78	78	0	0	20	**20**	

Sl.No	Type of Test	Frequency	Test method	No of test Required during Month	No. of Test conducted up to previous months			No. of Test conducted During Month			No. of Test conducted up to this months			No. of Test conducted by Independent Engineer			Remarks
					Conducted	Pass	Fail	Conducted	Pass	Fail	Conducted	Pass	Fail	During month	Upto last month	To date	
v)	Compressive strength (7 Days)	for Every Batch/Lot	IS 4301 Part-6	5	77	77	0	5	5	0	82	82	0	0	21	**21**	
vi)	Compressive strength (28 Days)	for Every Batch/Lot	IS 4301 Part-6	5	64	64	0	5	5	0	69	69	0	0	18	**18**	
2	Water	Source Approval/when required	IS 456	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
3	Steel Reinforcement	Source Approval/when required	IS	0	10	10	0	0	0	0	10	10	0	0	4	**4**	
4	Admixture	Source Approval/when required	IS	0	1	1	0	0	0	0	1	1	0	0	1	**1**	
5	**Coarse & fine Aggregates :**																-
i)	Gradation Test for Coarse Aggregate	1 Test / day	IS 383	30	331	331	0	30	30	0	361	361	0	19	157	176	
ii)	Gradation Test for Fine Aggregate	1 Test / day	IS 383	30	282	282	0	30	30	0	312	312	0	19	145	164	
iii)	Flakiness Index	1 Test / week	IS 2386 Part-1	4	53	53	0	4	4	0	57	57	0	2	23	25	
iv)	Aggregate Impact Value/Los Angles Abrasion Value	1 Test / week	IS 2386 Part-4	4	53	53	0	4	4	0	57	57	0	2	22	24	
v)	Soundness Test	Source Approval/when required	IS 2386 Part-5	0	1	1	0	0	0	0	1	1	0	0	0	0	
6	Concrete Compressive strength (7 Days) m^3		IS 516	333	2268	2268	0	333	333	0	2601	2601	0	157	1186	1343	
7	Concrete Compressive strength (28 Days) m^3		IS 516	304	3657	3657	0	304	304	0	3961	3961	0	171	1705	1876	
P	**Calibration**																
i)	Concrete Batching Plant (CP-0.5) RE Block	One test for every year	-	0	1	1	0	0	0	0	1	1	0	0	2	**2**	
ii)	Concrete Batching Plant (CP-45)	One test for every year	-	0	6	6	0	0	0	0	6	6	0	0	7	**7**	
iii)	Sand pouring cylinder 150mm dia.	One test for every month	IS 2720 Part-28	0	12	12	0	0	0	0	12	12	0	0	7	**7**	
iv)	Sand pouring cylinder 200mm dia.	One test for every month	IS 2720 Part-28	1	12	12	0	1	1	0	13	13	0	1	8	**9**	
v)	Sand pouring cylinder 100mm dia.	One test for every month	IS 2720 Part-28	0	9	9	0	0	0	0	9	9	0	0	6	**6**	
vi)	Rapid moisture meter	One test for every month	-	0	2	2	0	0	0	0	2	2	0	0	1	**1**	
vii)	Compressive testing machine 2000KN	One test for every year	-	0	2	2	0	0	0	0	2	2	0	0	0	**0**	
viii)	Flexural Testing Machine	One test for every year	-	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
ix)	Proving ring 50KN	One test for every year	-	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
x)	Proving ring 30KN	One test for every year	-	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
xi)	Proving ring 25KN	One test for every year	-	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
xii)	WMM Plant 160TPH	One test for every year	-	0	1	1	0	0	0	0	1	1	0	0	1	**1**	
xiii)	HM Plant 160TPH	One test for every year	-	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
xiv)	Bitumen Sprayer	One test for every year	-	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
	Total			**4994**	**37323**	**35388**	**1935**	**4994**	**4918**	**76**	**42247**	**40236**	**2011**	**2404**	**15358**	**17762**	

Correspondence

8.1 Summary of correspondence letters

Sr. No	Letter No	Subject	To	From	Date	Remarks
1	MKCIL/GNR/UK_PSB_PKG-2/571	Regarding Adverse climate condition in the March Month-2024.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	01.04.2024	
2	MKCIL/GNR/UK_PSB_PKG-2/572	Regarding Submission of Milestone Payment Certificate-05.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	01.04.2024	
3	MKCIL/GNR/UK_PSB_PKG-2/573	Regarding Ultra sonic pulse velocity test.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	01.04.2024	
4	MKCIL/GNR/UK_PSB_PKG-2/574	Regarding Submission of Vehicular Overpass (VOP) Drawing at Chainage -: 39+731 km.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	02.04.2024	
5	MKCIL/GNR/UK_PSB_PKG-2/575	Regarding Desist of work on all proposed location of Underpass in COS.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	03.04.2024	
6	MKCIL/GNR/UK_PSB_PKG-2/576	Regarding closing of NCR-18,19 & 20.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	04.04.2024	
7	MKCIL/GNR/UK_PSB_PKG-2/577	Regarding Ultra sonic pulse velocity test.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	03.04.2024	
8	MKCIL/GNR/UK_PSB_PKG-2/578	Regarding Submission of Revised Milestone Payment Certificate-05.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	06.04.2024	
9	MKCIL/GNR/UK_PSB_PKG-2/579	Regarding Submission of Copy of Royalty Slip of Grit and Dust.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	07.04.2024	
10	MKCIL/GNR/UK_PSB_PKG-2/580	Regarding Submission of Monthly Progress report of March 2024 as per clause 13.1 of CA.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	07.04.2024	
11	MKCIL/GNR/UK_PSB_PKG-2/581	Regarding Submission of Credentials and company profile of Tiki Tar and Shell India Pvt Ltd for approval.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	05.04.2024	
12	MKCIL/GNR/UK_PSB_PKG-2/582	Regarding Closing of NCR-10.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	08.04.2024	
13	MKCIL/GNR/UK_PSB_PKG-2/583	Regarding Submission of test Reports of Cutting Soil.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	08.04.2024	
14	MKCIL/GNR/UK_PSB_PKG-2/584	Regarding Submission of Revised Milestone Payment Certificate-05.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	08.04.2024	
15	MKCIL/GNR/UK_PSB_PKG-2/585	Regarding Submission of test reports of additional quantity of borrow area-11.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	10.04.2024	
16	MKCIL/GNR/UK_PSB_PKG-2/586	Regarding Bank Guarantee Release against Mobilization Advance Recovery.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	11.04.2024	
17	MKCIL/GNR/UK_PSB_PKG-2/587	Regarding Submission of RE Wall Drawing of LVUP at Chainage 39+500.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	12.04.2024	
18	MKCIL/GNR/UK_PSB_PKG-2/588	Regarding observation raised by IE on WMM laying work.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	12.04.2024	
19	MKCIL/GNR/UK_PSB_PKG-2/589	Regarding Implementation of short Measure on the identified Black Spot Reg.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	12.04.2024	
20	MKCIL/GNR/UK_PSB_PKG-2/590	Regarding Public grievance to connect the residential plot of Khasra no-921 to national highway.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	12.04.2024	
21	MKCIL/GNR/UK_PSB_PKG-2/591	Regarding Implementation of short-term road safety measures on the black spot.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	13.04.2024	
22	MKCIL/GNR/UK_PSB_PKG-2/592	Regarding Submission of Drawing of Precast Box Culvert at Chainage-41+923,43+998,44+160.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	15.04.2024	
23	MKCIL/GNR/UK_PSB_PKG-2/593	Regarding Execution of work for providing and laying the box culvert at chainage -41+923,43+998 & 44+160Km.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	15.04.2024	
24	MKCIL/GNR/UK_PSB_PKG-2/594	Regarding Submission of Company Profile & Credentials of M/s IWL India Ltd for the source approval.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	20.04.2024	
25	MKCIL/GNR/UK_PSB_PKG-2/595	Regarding Execution of work for providing and laying the precast box culvert at Chainage-41+923,43+998 & 44+160 km.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	18.04.2024	
26	MKCIL/GNR/UK_PSB_PKG-2/596	Regarding Submission of Structural Drawing of Box culvert ,LVUP and Vehicular Overpass.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	21.04.2024	
27	MKCIL/GNR/UK_PSB_PKG-2/597	Regarding Submission of Concrete Mix Design of M-10 PCC, M-15 PCC, M-20 KERB, M-20 RCC, M-25 RCC, M-30 RCC, M-35 RCC, M-40 RCC, M-45 PSC, M-50 PSC.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	23.04.2024	
28	MKCIL/GNR/UK_PSB_PKG-2/598	Regarding Observation on Compliance on conditional approval of pavement Design and report using Triax TX160 Geogrid Tensar Geogrid.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	23.04.2024	
29	MKCIL/GNR/UK_PSB_PKG-2/599	Regarding Closing of NCR -21.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	30.04.2024	
30	MKCIL/GNR/UK_PSB_PKG-2/602	Regarding Submission of Drone Videography & Ortho Images for the Month of April 2024 as per Article 13.6.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	25.04.2024	
31	MKCIL/GNR/UK_PSB_PKG-2/603	Regarding Closing of NCR-10.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	26.04.2024	
32	MKCIL/GNR/UK_PSB_PKG-2/604	Regarding Obstruction of work in between chainage - 39+500 to 39+800	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	25.04.2024	
33	MKCIL/GNR/UK_PSB_PKG-2/605	Regarding Submission of methodology of slope protection by stone pitching.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	26.04.2024	
34	MKCIL/GNR/UK_PSB_PKG-2/606	Regarding Hindrance in the Precast box culvert work in overlay section.	NHAI	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	27.04.2024	

Sr. No	Letter No	Subject	To	From	Date	Remarks
35	MKCIL/GNR/UK_PSB_PKG-2/607	Regarding Implementation of IT Deduction as 0.15%	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	27.04.2024	
36	MKCIL/GNR/UK_PSB_PKG-2/608	Regarding Non Maintenance of existing Road.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	28.04.2024	
37	MKCIL/GNR/UK_PSB_PKG-2/609	Regarding Compliance of observation on change of scope.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	29.04.2024	
38	MKCIL/GNR/UK_PSB_PKG-2/610	Regarding Authorization of Mr. LOKESH SARASWAT for receiving of Bank guarantee.	NHAI	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	30.04.2024	
39	MKCIL/GNR/UK_PSB_PKG-2/611	Regarding Submission of GSTR-3B & GSTR-1 copy for financial year-2023-24, Period- February 2023 to March 2024.	NHAI	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	30.04.2024	

Weather report

9.1 Summary of weather report

SL. NO.	DATE	TEMPERATURE		HUMIDITY		WEATHER	RAIN FALL (in mm)	Cum. Rain Fall Up To Till Month	REMARKS
		MAX.	MIN.	MAX.	MIN.				
1	01-04-2024	30.5	17.5	50	30	Sunny	0	1866.4	Cum. Rain Fall Up To Previous Month
2	02-04-2024	33.3	18.7	44	29	Sunny	0	1866.4	
3	03-04-2024	32.6	20.2	41	30.6	Sunny	0	1866.4	
4	04-04-2024	35.9	18.8	39	28	Sunny	0	1866.4	
5	05-04-2024	35	17.8	37	28	Sunny	0	1866.4	
6	06-04-2024	35	18.1	37	28	Sunny	0	1866.4	
7	07-04-2024	34.7	17.6	37	28	Sunny	0	1866.4	
8	08-04-2024	36	18	37	27	Sunny	0	1866.4	
9	09-04-2024	35.3	18.3	37	28	Sunny	0	1866.4	
10	10-04-2024	36.2	18.9	36	27	Sunny	0	1866.4	
11	11-04-2024	35.4	18.5	36	26	Sunny	0	1866.4	
12	12-04-2024	36	18.9	35	27	Sunny	0	1866.4	
13	13-04-2024	24.9	24.3	36	35	Sunny	0	1866.4	
14	14-04-2024	30.5	22.5	39	30	Sunny	0	1866.4	
15	15-04-2024	25.1	18.4	38	35	Sunny	0	1866.4	
16	16-04-2024	28.8	25.5	35	32	Sunny	0	1866.4	
17	17-04-2024	25.1	24	38	35	Sunny	0	1866.4	
18	18-04-2024	29.9	28.7	31	30	Sunny	0	1866.4	
19	19-04-2024	30.5	28.5	32	29	Sunny	0	1866.4	
20	20-04-2024	37.8	21.9	35	27	Sunny	0	1866.4	
21	21-04-2024	30.1	26.7	32	30	Sunny	0	1866.4	
22	22-04-2024	28.5	25.9	33	31	Sunny	0	1866.4	
23	23-04-2024	24.5	23.9	34	32	Sunny	0	1866.4	
24	24-04-2024	27.2	25.9	34	31	Sunny	0	1866.4	
25	25-04-2024	29.6	26.8	32	30	Sunny	0	1866.4	
26	26-04-2024	28.9	26.3	37	32	Sunny	0	1866.4	
27	27-04-2024	28	25.6	35	32	Sunny	40	1906.4	
28	28-04-2024	35	21.4	36	28	Sunny	0	1906.4	
29	29-04-2024	34	20.6	35	29	Sunny	0	1906.4	
30	30-04-2024	37	19.9	35	27	Sunny	0	1906.4	

Site visit and meetings

10.1 Details of site visit and meetings

Sr. No	Date	Meeting & Visit
1	29.04.2024	Site visit of NHAI officials along IE team

Site photographs

11.1 Site photographs

FDD Checking of Service Road GSB Top at Ch 29+820 to 30+000

GSB Top Rolling Work in Progress at Ch. 28+100

WMM Laying Work in Progress at Ch. 19+400

Prime Coat Spraying Work in Progress at Ch 24+200

DBM Width & Thickness Checking with IE Team at Ch. 19+350

DBM Laying Work in Progress at Ch. 23+000

DBM Laying Work in Progress at Ch. 40+500

FDD Checking of WMM Top at Ch. 23+000

Box Culvert Wall 1st Lift Concrete Pouring Work in Progress at Ch. 27+068

VUP Pier Cap Concrete Pouring Work in Progress at Ch. 22+598

Box Culvert Slab Pouring Work in Progress at Ch. 31+370

VUP RCC Girder Curing Work in Progress at Ch. 31+691

VUP Pier Cap Curing Work in Progress at Ch. 22+598

VUP Girder Reinforcement Checking by TL Sir & ABE Sir

RE Wall Backfill Rolling Work in Progress at Ch -31+400 to 31+500 LHS

RE Wall Erection Work in Progress at Ch. 22+200

MJB Abutment Pedestal Layout & Level Checking by SE sir

FDD Checking on RE Wall Back Fill Bed at Ch. 31+550

Box Culvert Top Slab Concrete Pouring Work in Progress at Ch. 19+080

MNB Top Slab Reinforcement Binding Work in Progress at Ch. 20+820

DBM Core Cutting Going on at Ch. 19+400

Retaining Wall Concrete Pouring Work in Progress from Ch-29+360 to 29+390

Geo Cell Laying Work in Progress for Slope Proction at Ch-23+650

MJB LRPC Threading Work in Progress at Ch. 33+033

NHAI and IE Team Site Visit at Ch. 31+678

NHAI and IE Team MKC Laboratory Visit

Thanks