MONTHLY PROGRESS REPORT OF JULY-2023

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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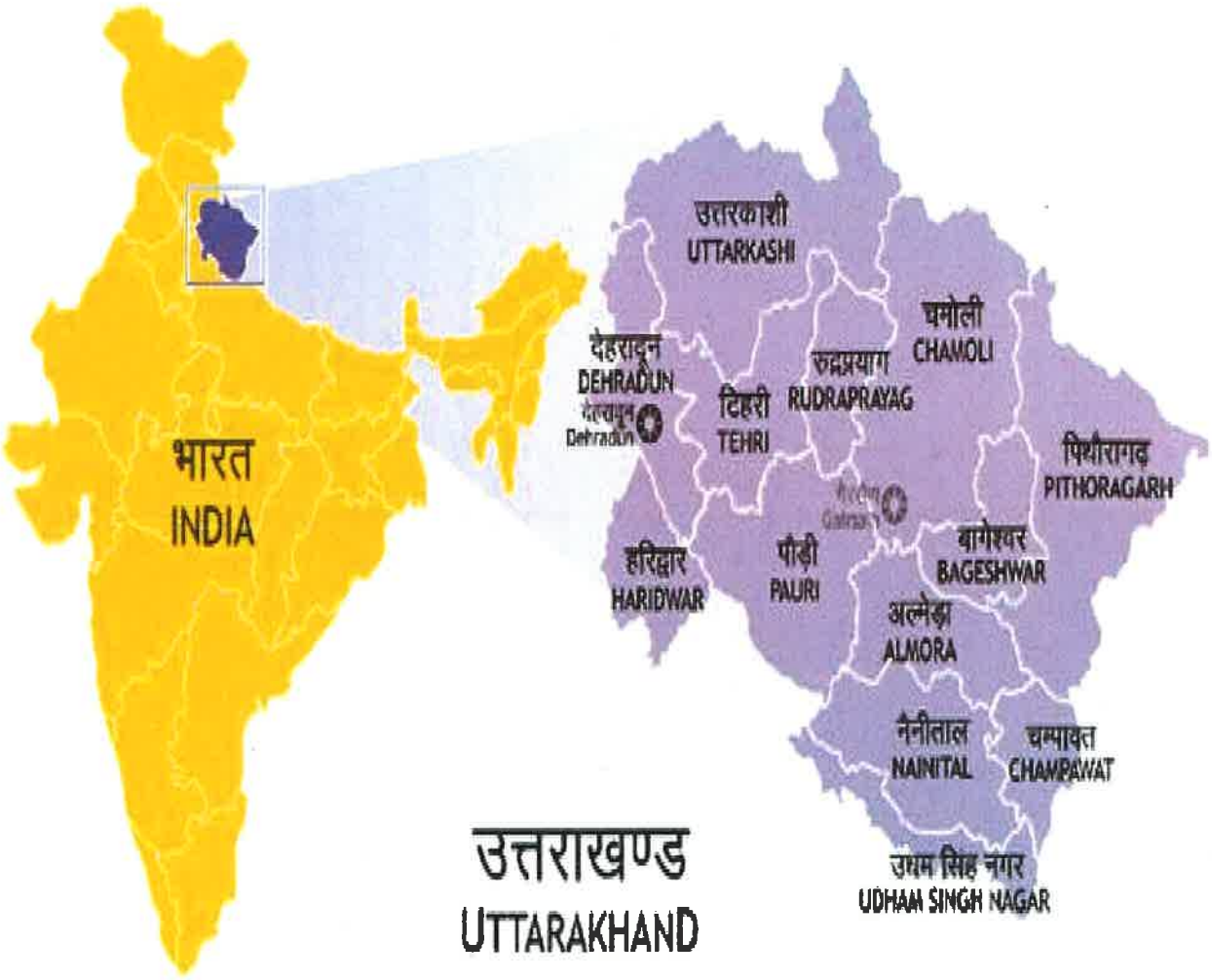
Maps Showing project Location

1.1 Location of Work state in india



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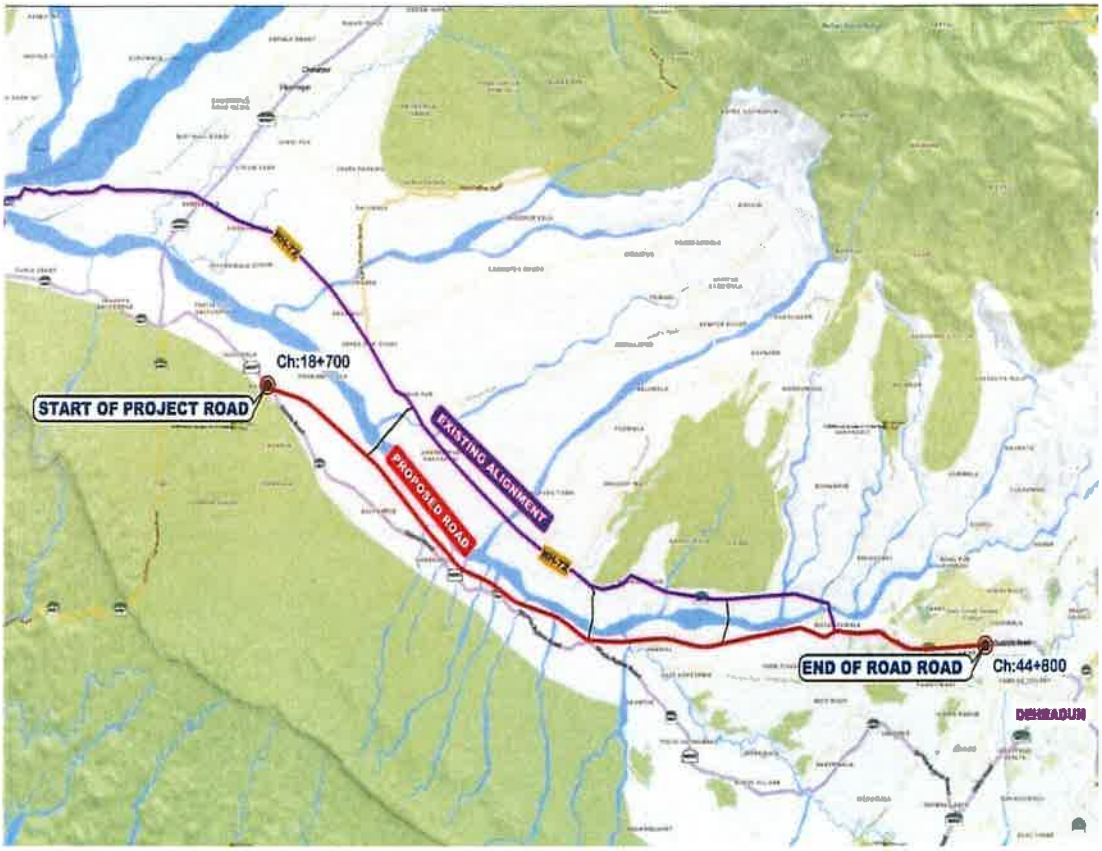
1.2 Location of project in state



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

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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

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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		

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Progress of the work

3.1 Physical progress

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%
TOTAL		32.02	6.20%	

* 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	16.8	0	9.3	35.63%
2		RHS	KMS	26.1	16.8	0	9.3	35.63%
3	Earthwork	LHS	KMS	26.1		6.4	19.7	75.48%
4		RHS	KMS	26.1		6.4	19.7	75.48%
5	Sub Grade	LHS	KMS	26.1			26.1	100.00%
6		RHS	KMS	26.1			26.1	100.00%
7	GSB	LHS	KMS	26.1			26.1	100.00%
8		RHS	KMS	26.1			26.1	100.00%
9	WMM	LHS	KMS	26.1			26.1	100.00%
10		RHS	KMS	26.1			26.1	100.00%
11	DBM	LHS	KMS	26.1			26.1	100.00%
12		RHS	KMS	26.1			26.1	100.00%
13	BC	LHS	KMS	26.1			26.1	100.00%
14		RHS	KMS	26.1			26.1	100.00%
Structure								
Sr no.	Work description	Side	Unit	Scope	Completed	In progress	Yet to start	% of Progress
1	Pipe culverts		Nos	58	0	36	22	62.07%
2	Box culverts		Nos	15	0	4	11	26.67%
3	Minor Bridges		Nos	19	0	16	3	84.21%
4	VUP		Nos	3	0	0	3	0.00%
5	LVUP		Nos	3	0	2	1	66.67%
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+180		1X6.0 M									
2	21+108		1X6.0 M									
3	21+283		1X6.0 M									
4	21+408		1X6.0 M									
5	21+610		1X6.0 M									
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			
8	26+794	26+804	1X6.0 M	DONE	DONE							
9	31+005	31+005	1X6.0 M	DONE	DONE	DONE	WIP					
10	35+575		1X4.0 M									
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				4	4	3	2	2	2	1	1	1
BALANCE				11	11	12	13	13	13	14	14	14

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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					NA						
2	20+205	20+205	1.2					NA						
3	20+360	20+360	1.2			DONE		NA						
4	20+438	20+438	1.2											
5	20+468	20+468	1.2											
6	21+945	21+945	1.2			DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	
7	22+083	22+080	1.2			DONE								
8	22+160	22+160	1.2											
9	22+214	22+214	1.2			DONE		NA						
10	22+339	22+339	1.2			DONE								
11	22+769	22+769	1.2			DONE								
12	22+807	22+802	1.2											
13	23+201	23+197	1.2			DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	WIP
14	23+414	23+440	1.2			DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	
15	23+566	23+565	1.2											
16	23+932	23+932	1.2			DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	WIP
17	24+147	24+145	1.2			DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	DONE
18	24+511	24+507	1.2			DONE	DONE	NA	DONE	DONE	DONE	DONE	DONE	
19	24+820	24+817	1.2			DONE								
20	24+878	24+878	1.2			DONE								
21	25+150	25+150	1.2					NA						
22	26+366	26+366	1.2			DONE	DONE	NA	DONE	DONE	DONE	DONE	DONE	GSB Fill
23	27+243	27+237	1.2			DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	DONE
24	27+358	27+358	1.2			DONE	DONE	NA	DONE	DONE	DONE	DONE	DONE	GSB Fill
25	27+452	27+446	1.2			DONE	NA	DONE		DONE	DONE	DONE	DONE	DONE
26	27+959	27+959	1.2			DONE	DONE	NA	DONE	DONE	DONE	DONE	DONE	GSB Fill
27	28+295	28+300	1.2			DONE	Na	DONE						
28	28+384	28+381	1.2			DONE	NA	DONE						
29	28+581	28+579	1.2			DONE								
30	28+619	28+618	1.2											
31	29+476	29+476	1.2					NA						
32	30+097	30+093	1.2											
33	30+460	30+460	1.2					NA						
34	30+661	30+661	1.2			DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	
35	30+838	30+838	1.2			DONE	DONE	NA	DONE	DONE	DONE	DONE	DONE	

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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
36	30+928	30+928	1.2			DONE	DONE	NA	DONE	DONE	DONE	DONE	DONE	
37	31+781	31+781	1.2											
38	31+962	31+962	1.2											
39	32+059	32+059	1.2			DONE	DONE	NA	DONE					x
40	32+115	32+115	1.2			DONE	NA	DONE	DONE					x
41	32+178	32+178	1.2			DONE	NA	DONE	DONE					x
42	32+228	32+228	1.2			DONE	NA	DONE	DONE					x
43	32+291	32+291	1.2			DONE	DONE							
44	32+434	32+434	1.2			DONE	DONE							
45	33+439	33+439	1.2			DONE	NA	DONE						
46	33+600	33+600	1.2			DONE	NA	DONE						
47	34+062	34+062	1.2				NA							
48	34+352	34+352	1.2			DONE								
49	35+153	35+153	1.2			DONE	NA	DONE						
50	36+577	36+577	1.2											
51	37+014	37+014	1.2											
52	37+460	37+460	1.2			DONE		NA						
53	37+540	37+540	1.2					NA						
54	37+840	37+840	1.2			DONE		NA						
55	38+175	38+175	1.2											
56	38+750	38+750	1.2											
57	38+850	38+850	1.2											
58	39+219	39+219	1.2											
TOTAL SCOPE						58	58	58	58	58	58	58	58	58
WORK COMPLETED						36	9	16	17	14	14	14	14	3
BALANCE						22	49	42	41	44	44	44	44	55

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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	WIP						
2	20+163	20+163	2X10 M	DONE	DONE	WIP						
3	20+820	20+816	2X10 M	WIP								
4	21+762	21+762	3X8 M	DONE	DONE	DONE	WIP					
5	22+554	22+732	1X10 M	WIP								
6	22+972	22+973	3X8 M	DONE	WIP							
7	24+090	23+974	3X8 M									
8	24+377	24+355	2X10 M	DONE	DONE	DONE	DONE	DONE	DONE			
9	25+320	25+316	3X8 M	DONE	DONE	DONE	DONE	DONE	DONE			
10	25+815	25+811	1X10 M	DONE	DONE							
11	26+487	26+480	3X8 M	DONE	DONE	DONE	DONE	DONE	DONE	WIP		
12	27+042	27+040	2X8 M	DONE	DONE	DONE	DONE	DONE	DONE			
13	27+741	27+736	3X10 M	DONE	DONE	DONE	DONE	DONE				
14	28+122	28+122	2X10 M	DONE	DONE	WIP						
15	28+222	28+222	5X10 M	DONE	DONE	DONE	DONE	DONE	WIP			
16	29+174	29+171	2X8 M	DONE	DONE	DONE	DONE	DONE	WIP			
17	29+659	29+652	2X8 M	DONE	DONE	WIP	WIP	WIP				
18	30+300	30+305	5X10 M	DONE	DONE	WIP	WIP	WIP	WIP			
19	31+745	31+740	3X10 M	DONE	DONE	DONE	DONE	DONE				
20	33+033	33+033	3X35 M									
TOTAL SCOPE				20	20	20	20	20	20	20	20	20
WORK COMPLETED				16	15	9	8	8	4	0	0	0
BALANCE				4	5	11	12	12	16	20	20	20

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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									
2	28+285	28+285	12	DONE	DONE	DONE	DONE	DONE	DONE	DONE	WIP	WIP
3	30+259	30+259	12	DONE	DONE	DONE	DONE	DONE	DONE	WIP		
4	31+691	31+678	70									
5	39+493	39+500	12									
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				2	2	2	2	2	2	1	0	0
BALANCE				5	5	5	5	5	5	6	7	7

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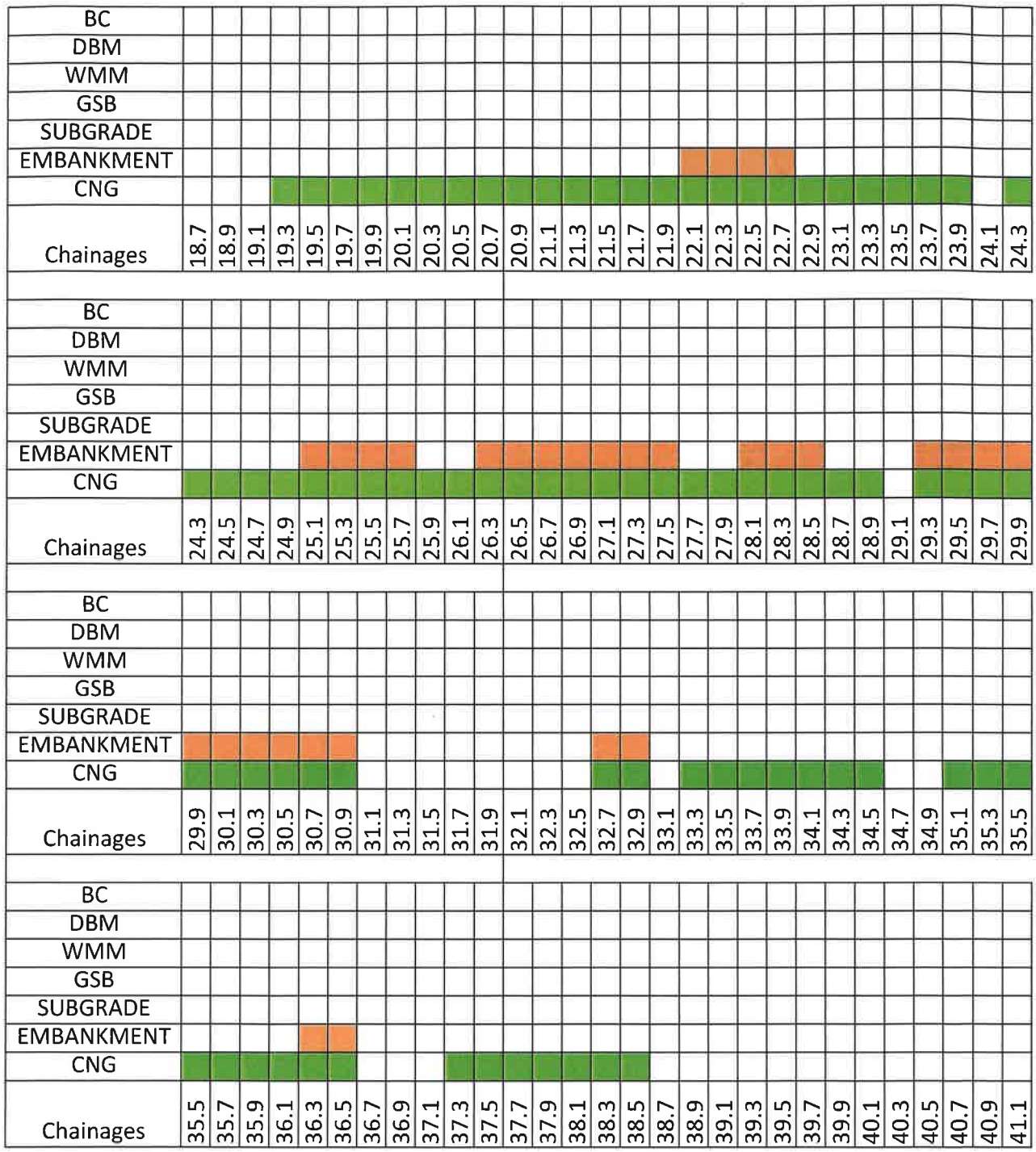
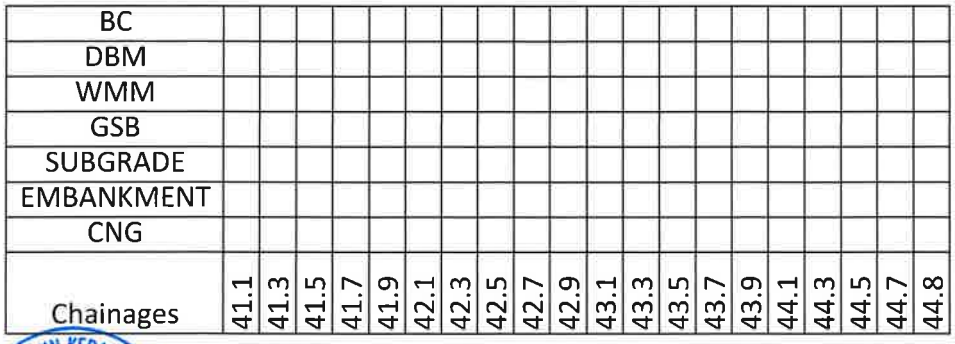
3.4 Strip chart of Earthwork





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+500	LT Line	Complete	Ganeshpur	
24	31+800	LT Line	Complete	Ganeshpur	
25	32+500	LT Line	Complete	Ganeshpur	
26	35+800	LT Line	Complete	Ganeshpur	
27	35+850	LT Line	Complete	Ganeshpur	
28	36+400	LT Line	Complete	Mohanpur	

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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			0	0	1	0
2		21+108	1X6.0 M			1	1	0	1
3		21+283	1X6.0 M			1	0	0	1
4		21+408	1X6.0 M			1	0	0	1
5		21+610	1X6.0 M			1	0	0	1
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			0	0	1	0
12		40+052	1X2.0 M			0	0	1	0
13		41+923	1X2.0 M			0	0	1	0
14		43+998	1X2.0 M			0	0	1	0
15		44+191	1X2.0 M			0	0	1	0
Total of BOX culvert						**9**	**6**	**6**	**4**
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

Sr no	Schedule Chainage	Design Chainage	Size	GAD	RD	Submitted	Approved	Pending for submission	Pending for approval
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
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

Sr no	Schedule Chainage	Design Chainage	Size	GAD	RD	Submitted	Approved	Pending for submission	Pending for approval
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
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+732	1X10 M			1	0	0	1
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**	**19**	**0**	**1**
Grade separated structures									
1	22+598	22+596	70			1	1	0	0

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Sr no	Schedule Chainage	Design Chainage	Size	GAD	RD	Submitted	Approved	Pending for submission	Pending for approval
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			0	0	1	0
6	39+740	39+720	16			0	0	1	0
7	40+063	40+042	72.5			0	0	1	0
					Total of GSS	**4**	**4**	**3**	**0**

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Critical issues and hindrance

5.1 Hindrance in the work

Sr.No	Location		Length	Remarks
	From	To		
1	18+700	19+300	600	Land not Hand over to Concessionaire
2	23+080	23+650	570	Payment Issue
3	23+650	23+700	50	Court Case & Payment Issue
4	23+970	24+220	250	Payment Issue
5	26+120	26+350	230	Payment Issue
6	29+040	29+090	50	Payment Issue of Structure Owner
7	29+380	29+520	140	Populated Area
8	31+050	31+300	250	Golden Forest, Structure & Payment Issue
9	33+080	33+300	220	Structure, Building & Payment issue & Demand for Service Road.

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5.2 list of issues

Sr no	Work type	Location	Detail of issue	Remarks
1	Minor bridge	24+090	Payment issue	Site is handed over to Concessionaire but the payment is not received to the villagers that is why we are unable to start the work at this location

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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	Enginer
4		Hemanth Tak	Enginer
5	Structure	Lalit Sharma	Sr. Engineer
6	Highway	Raman Kumar	Sr. Engineer
7	QA/QC	Ram Kumar Yadav	Asst.Manager
		EPC Contractor	
1	Key Role	Anupam Tiwary	DPM
2	Billing & Planning	Suman Kumar	Jr Engineer
3		Shivam Goswami	Jr Engineer
4		Soumitra Maity	Engineer
5	Structure	Sumit Kumar	Sr. Engineer
6		Avneesh Chaudhary	Sr. Engineer
7		Aman Singh Gola	Enginer
8		Binay Kr Mishra	Enginer
9		Lokesh Solanki	Enginer
10		Radhika kushwaha	Jr. Engineer
11		Satyam Kumar	Jr. Engineer
12		Ankush Kumar	Jr. Engineer
13		Rohit Kumar	Jr. Engineer
14		Ankur Kumar	Jr. Engineer
15		Shubh Kumar	Jr. Engineer
16	QA/QC	Sudhanshu Kumar	Jr. Engineer
17		Rijayant Saini	Jr. Engineer
18	Survey	Tinku Singh	Sr. Surveyor
19		Ashis Kumar	Asst. Surveyor
20		Sandeep Kumar	Surveyor
21		Nitin	Survey Supervisor
22		Vikash	Survey Supervisor
23	Highway	Somnath Pahari	Sr. Engineer
24		Ravi Shankar Singh	Sr. Engineer
25		Naveen Shah	Jr. Engineer
26		Prakash Konai	Jr. Engineer
27		Nishant Singh	Jr. Engineer
28		Patel Komal kumar	Jr. Engineer
29		Rohit Kumar Singh	Site Supervisor

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Sr No	Departement	Name	Designation
30	Mechenical	Vinod Kumar Patel	Sr. Engineer
31		Arpit Sharma	Jr. Engineer
32		Shahnawaz Ali	Data operator
33		Gaurav Rathaur	Asst Mechanic
34		Ankit Sharma	RMC Plant Opreator
35		Vikash Kumar	RMC Plant Helper
36		Rajpal	Welder
37		Sanjeev Kumar	Plant Helper
38	HR	Anish Kumar	Executive
39		Ashutosh Upadhyay	Asst.Manager
40	Liaison	RP Singh	Manager
41		Neeraj Singh Dhanik	Executive Admin
42	IT Executive	Gaurav Gupta	Sr. Engineer
43	Store	Suprabhat Singh	Sr Executive
44		Pawan Kr. Sharma	Jr. Executive
45		Vipul Sharma	Jr. Executive
46		Ramnivas Dhakad	Store Supervisor
47		Dharmendra Yadav	Store Supervisor
48		Sanjay Singh	Store Helper
49		Sachin Kumar	Store Helper
50	QA/QC Technician & Helper	Chanchal	Sr Lab Technician
51		Sandeep Kumar	Lab Technician
52		Ramnivas Dhakad	Lab Technician
53		Aditya Dhakar	Lab Technician
54		Vishal Singh Rana	Lab Helper
55		Shekhar Sekhawat	Lab Helper
56		Rohit Kumar	Lab Helper
57		Lavi Sharma	Lab Helper
58		Rohit Kumar	Lab Helper
59		Nitin Kumar	Office Boy
60		Subash Kumar	Cook
61		Pushkar Singh	Cook
62		Sachin	Mess Helper
63		Akshay Verma	Mess Helper
64		Akash Das	Mess Helper
65		Sinna Das	Mess Helper
66		Shivam	Sweeper
67		Mohit Kumar	Lab Helper
68		Sanjay Singh	Helper
69		Sachin Kumar	Helper
70		Babloo Kushwah	JCB Operator
71		Sanjay Kumar	Driver

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Sr No	Departement	Name	Designation
72		Asharam	TM Driver
73		Gaurav Rathaur	Asst. Mechanic
74		Sunil Kumar Rawat	Grader Operator
75		Ankit Sharma	RMC Operator
76		Virender Kumar Patel	Excavator Operator
77		Lalit Singh	TM Driver
78		Manish Kumar	TM Driver
79		Vikash Kumar	RMC Plant Helper
80		Rajpal	Welder
81		Dharmendra Singh	TM Driver
82		Ranjeet Singh Rawat	TM Driver
83		Beerendra Singh	TM Driver
84		Mukesh Rawat	TM Driver
85		Surendra Yadav	HMV Driver
86		Vikash Babu	Roller opt
87		Vijay Patel	Roller opt
88		Om Prakash Pandit	Wheel Loader Opt
89		Shivam Tomar	LMV Driver
90		Amit Anthwal	LMV Driver
91		Rajesh Kumar	Workshop Helper
92		Rohit Pal	RMC Plant Helper
93		Lalit Yadav	Hydra Operator
94		Alkesh Kr Patel	JCB Operator
95		Dhanraj Prasad Tiwary	JCB Operator
96		Baleshwar Tiwari	TM Driver
97		Jagdish Singh	Excavator Operator
98		Rohit Kumar	RMC Plant Helper
99		Krishna pal Yadav	Electrician
100		Vishnu Yadav	Boom Placer opt
101		Sanjay Singh	HMV Driver
102	Other	Jagmal Singh	HMV Driver
103		Om Kumar	TM Driver
104		Lalit Kumar	Tyer Fitter
105		Kamal Singh	RMC Plant Helper
106		Arjun	Workshop Helper
107		Sandeep Singh	HMV Driver
108		Padam Singh	HMV Driver
109		Munna Sharma	HMV Driver
110		Baldev Singh	HMV Driver
111		Rajveer Singh	HMV Driver

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Sr No	Departement	Name	Designation
112		Jogendra Singh	HMV Driver
113		Samarpal	HMV Driver
114		Lavakush Kr Gautam	Workshop Helper
115		Vijay Kumar	HMV Driver
116		Vipin Kumar	HMV Driver
117		Ashok Kumar	HMV Driver
118		Ramesh Kumar	Excavator Opt
119		Md. Afroz	Excavator Opt
120		Jeet Singh	HMV Driver
121		Mahendra Pratad	HMV Driver
122		Kuldeep Yadav	LMV Driver
123		Sohan Singh	HMV Driver
124		Soban Singh	LMV Driver
125		Ashish Kumar	Boom Placer Helper
126		Ajay Pal Singh	HMV Driver
127		Shankar Yadav	HMV Driver
128		Shiva kant	LMV Driver
129		Vinod Kr Gupta	Auto Electrician
130		Ram Krishna Patel	Grader Opt
131		Nichka Sahu	Roller Opt
132		Abhishek Tiwari	LMV Driver
133		Sham Singh	Excavator Opt
134		Shalendra Kumar Pandey	Asst.Mechanic
135		Babloo Singh	HMV Driver
136		Laxman Singh	HMV Driver
137		Raj Pal Saini	HMV Driver
138		Tejpal Singh	Excavator Opt
139		Rampravesh Gauram	RMC Plant Helper
140		Sanjev	Excavator Opt
141		Arjun Singh	Diesel Tanker Driver
142		Shivendra Yadav	Helper

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6.2 Mobilization of plants & machinery

Sr. No	Item Description	Unit	Nos
1	Hydraulic Excavator (20 Ton)	Nos.	5
2	Dumpers (25 Ton)	Nos.	18
3	Wheel Loader	Nos.	2
4	Motor Grader	Nos.	1
5	Crane /Hydra	Nos.	2
6	Baby Roller	Nos.	1
7	Backhoe Loader	Nos.	5
8	Soil Compactor	Nos.	3
9	Transit Mixers	Nos.	6
10	Water Tanker	Nos.	7
11	Trailer	Nos.	2
12	Weigh Bridge	Nos.	2
13	Utility Vehicles	Nos.	4
14	Crusher Plant	Nos.	1
15	Concrete Batching Plant (CP 45)	Nos.	1
16	Screening Plant	Nos.	1
17	RE Block Plant	Nos.	1
18	DG Sets	Nos.	21
19	Diesel Tanker	Nos.	1
20	Bike	Nos.	6
21	LMV	Nos.	15
22	Compressor	Nos.	1
23	Boom Placer	Nos.	1
24	Silo 150 MT	Nos.	2
25	Concrete Bucket (0.5 cum)	Nos.	1
26	Fork Lift	Nos.	1
		Total	**109**

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	

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Sr no	Description	Nos	Remarks
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	
36	Rapid moisture meters	5	
37	Calcium Carbide 500 gm pkt	10	
B. List of Lab Equipment for concrete Laboratory (Structural concrete,DLC,PQC)			

Sr no	Description	Nos	Remarks
	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	

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Sr no	Description	Nos	Remarks
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- **2000 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	
68	Core cutting machine with 100 mm and 150 mm dia.	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	

Sr no	Description	Nos	Remarks
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	

Sr no	Description	Nos	Remarks
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			
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) , 0.01	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	

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Sr no	Description	Nos	Remarks
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 boa	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	

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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	1	59	59	0	1	1	0	60	60	0	1	9	**10**	
ii)	Atterberg Limits (LL & PL)	2 tests for 3000 cu.m of soil	IS 2720 Part-5	1	59	59	0	1	1	0	60	60	0	1	9	**10**	
iii)	Proctor Test(MDD & OMC)	2 tests for 3000 cu.m of soil	IS 2720 Part-8	1	59	59	0	1	1	0	60	60	0	1	9	**10**	
iv)	Free Swell Index (FSI)	2 tests for 3000 cu.m of soil	IS 2720 Part-40	1	59	59	0	1	1	0	60	60	0	1	9	**10**	
v)	CBR Test	1 test for 3000 m^3	AASHTO T 193	0	1	1	0	0	0	0	1	1	0	0	0	**0**	
B	**Borrow Area**																
i)	Grain Size Analysis	2 tests for 3000 cu.m of soil	IS 2720 Part-4	3	70	70	0	3	3	0	73	73	0	1	62	**63**	
ii)	Atterberg Limits (LL & PL)	2 tests for 3000 cu.m of soil	IS 2720 Part-5	3	70	70	0	3	3	0	73	73	0	1	62	**62**	
iii)	Proctor Test(MDD & OMC)	2 tests for 3000 cu.m of soil	IS 2720 Part-8	3	70	70	0	3	3	0	73	73	0	1	62	**63**	
iv)	Free Swell Index (FSI)	2 tests for 3000 cu.m of soil	IS 2720 Part-40	3	70	70	0	3	2	0	73	70	0	1	54	**55**	
v)	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**	
C	**Cutting Soil for Emb/Subgrade**																
i)	Grain Size Analysis	2 tests for 3000 cu.m of soil	IS 2720 Part-4	0	2	2	0	0	0	0	2	2	0	0	2	**2**	
ii)	Atterberg Limits (LL & PL)	2 tests for 3000 cu.m of soil	IS 2720 Part-5	0	2	2	0	0	0	0	2	2	0	0	2	**2**	
iii)	Proctor Test(MDD & OMC)	2 tests for 3000 cu.m of soil	IS 2720 Part-8	0	2	2	0	0	0	0	2	2	0	0	2	**2**	
iv)	Free Swell Index (FSI)	2 tests for 3000 cu.m of soil	IS 2720 Part-40	0	2	2	0	0	0	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	823	781	42	0	0	0	823	781	42	0	537	**537**	
ii)	Compaction Control for Embankment	1 Test/3000 m2	IS 2720 Part-28	98	200	158	42	98	80	18	298	238	60	59	178	**237**	
iii)	Compaction Control for Sub Grade	1 Test/2000 m2	IS 2720 Part-28	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
E	**For Granular Subbase (m^3)**																
i)	Gradation	One test per 400 cu.m	IS 2386 Part-1	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
ii)	Atterberg Limits (LL & PL)	One test per 400 cu.m	IS 2720 Part-5	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
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)	CBR Test in soaked condition	As Required	IS 2720 Part-28	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
v)	Water Absorption	As required	IS 2386 Part-3	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
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**	

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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	
F	**For Wet mix Macadam (m^3)**																
i)	Gradation	One test per 200 cu.m of aggregate	IS 2386 Part-1	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
ii)	Atterberg Limits (LL & PL)	One test per 200 cu.m of aggregate	IS 2720 Part-5	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
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	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
v)	FI & EI	One set of three tests per 500 sq.m	IS 2386 Part-1	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
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		0	0	0	0	0	0	0	0	0	0	0	0	**0**	
ii)	Binder temperature for application	At regular close intervals		0	0	0	0	0	0	0	0	0	0	0	0	**0**	
iii)	Rate of Spread of Binder/Prime coat (m^2)	Three tests per day	IRC SP 11	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
iv)	Rate of Spread of Binder/Tack coat (m^2)	Three tests per day	IRC SP 11	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
H	**Bitumen (VG)**																
i)	Penetration Test (Lot)	Each lot 1 test	IS 1203	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**	
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	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**	
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**	

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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 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	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	0	0	0	0	0	0	0	0	0	0	0	**0**	
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	0	0	0	0	0	0	0	0	0	0	0	0	**0**	
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		0	0	0	0	0	0	0	0	0	0	0	0	**0**	

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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		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	MS-2, ASTM D 5581	0	0	0	0	0	0	0	0	0	0	0	0	0	
xv)	Rate of spread of mix material	After every 5th truck load		0	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	0	0	0	0	0	0	0	0	0	0	0	0	
xvii)	Stripping Value of Aggregate	Source Approval/when required	IS: 6241	0	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	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	0	0	0	0	0	0	0	0	0	0	0	0	
xxi)	Mix Grading (dry)	Each 400 tones of mix	MoRT&H Table 500-10	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	
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	0	0	0	0	0	0	0	0	0	0	0	0	
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	0	0	0	0	0	0	0	0	0	0	0	0	
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	

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					Conducted	Pass	Fail	Conducted	Pass	Fail	Conducted	Pass	Fail	During month	Upto last month	To date	
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	0	0	0	0	0	0	0	0	0	0	0	0	
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	0	0	0	0	0	0	0	0	0	0	0	0	
xv)	Rate of spread of mix material	After every 5th truck load		0	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	0	0	0	0	0	0	0	0	0	0	0	0	
xvii)	Stripping Value of Aggregate	Source Approval/when required	IS 6241	0	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	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	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	0	0	0	0	0	0	0	0	0	0	0	0	
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	

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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	
	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	**2**	17	17	0	2	2	0	19	19	0	1	8	**9**	
ii)	Initial setting time & final setting time	for Every Batch/Lot	IS 4301 Part-5	**2**	17	17	0	2	2	0	19	19	0	1	6	**7**	
iii)	Fineness	for Every Batch/Lot	IS 4301 Part-1	**2**	22	22	0	2	2	0	24	24	0	1	6	**7**	
iv)	Compressive strength (3 Days)	for Every Batch/Lot	IS 4301 Part-6	**2**	37	37	0	2	2	0	39	39	0	1	3	**4**	
v)	Compressive strength (7 Days)	for Every Batch/Lot	IS 4301 Part-6	**2**	40	40	0	2	2	0	42	42	0	1	3	**4**	
vi)	Compressive strength (28 Days)	for Every Batch/Lot	IS 4301 Part-6	**2**	32	32	0	2	2	0	34	34	0	1	1	**2**	
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	**31**	85	54	0	31	31	0	**116**	**0**	0	16	41	**57**	
ii)	Gradation Test for Fine Aggregate	1 Test / day	IS 383	**31**	89	58	0	31	31	0	**120**	**0**	0	16	42	**58**	
iii)	Flakiness Index	1 Test / day	IS 2386 Part-1	**4**	21	17	0	4	4	0	**25**	**0**	0	2	7	**9**	
iv)	Aggregate Impact Value/Los Angles Abrasion Value	1 Test / day	IS 2386 Part-4	**4**	17	13	0	4	4	0	**21**	**0**	0	2	8	**10**	
v)	Soundness Test	Source Approval/when required	IS 2386 Part-5	**0**	1	1	0	0	0	0	**0**	**0**	0	0	0	**0**	
6	Concrete Compressive strength (7 Days) m^3		IS 516	**80**	201	201	0	80	80	0	**281**	**281**	0	40	118	**158**	
7	Concrete Compressive strength (28 Days) m^3		IS 516	**261**	397	397	0	261	261	0	**658**	**658**	0	30	66	**96**	
P	**Calibration**																
i)	Concrete Batching Plant (CP-30)	One test for every year	-	0	0	0	0	0	0	0	0	0	0	0	0	**0**	

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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	
ii)	Concrete Batching Plant (CP-45)	One test for every year	-	0	2	2	0	0	0	0	**2**	**2**	**0**	0	3	**3**	
iii)	Sand pouring cylinder 150mm dia.	One test for every month	IS 2720 Part-28	1	4	4	0	1	1	0	**5**	**5**	**0**	1	3	4	
iv)	Sand pouring cylinder 200mm dia.	One test for every month	IS 2720 Part-28	1	4	4	0	1	1	0	**5**	**5**	**0**	1	3	4	
v)	Sand pouring cylinder 100mm dia.	One test for every month	IS 2720 Part-28	0	3	3	0	0	0	0	**3**	**3**	**0**	0	1	**1**	
vi)	Rapid moisture meter	One test for every month	-	0	0	0	0	0	0	0	**0**	**0**	**0**	0	0	**0**	
vII)	Compressive testing machine 2000KN	One test for every year	-	0	1	1	0	0	0	0	**1**	**1**	**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	0	0	0	0	0	0	0	0	0	0	0	**0**	
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				**539**	**2549**	**2395**	**84**	**539**	**520**	**18**	**3087**	**2700**	**102**	**181**	**1323**	**1503**	

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Correspondence

8.1 Summary of correspondence letters

Sr. No	Letter No	Subject	To	From	Date	Remarks
1	MKCIL/GNR/UK_PSB_PKG-2/167	Submission of test report of borrow 02 & 05.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	01.07.2023	
2	MKCIL/GNR/UK_PSB_PKG-2/168	Reg. Submission of Profile & Credentials of DRS Chemical.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	01.07.2023	
3	MKCIL/GNR/UK_PSB_PKG-2/169	Observation on Contract price weightage as per Annexure-I of Schedule-G - reg.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	03.07.2023	
4	MKCIL/GNR/UK_PSB_PKG-2/170	Reg. Submission of Profile of JK Prestressing Co.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	04.07.2023	
5	MKCIL/GNR/UK_PSB_PKG-2/171	Reg. Submission of Profile of usha martin for source Approval of LRPC Strands Construction Product (Wire).	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	04.07.2023	
6	MKCIL/GNR/UK_PSB_PKG-2/172	Reg. Submission of details of ESCROW account.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	04.07.2023	
7	MKCIL/GNR/UK_PSB_PKG-2/173	Reg. Submission of Monthly Project Report for the month of June 2023.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	06.07.2023	
8	MKCIL/GNR/UK_PSB_PKG-2/174	Reg. Achievement of Physical progress more than 5%.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	06.07.2023	
9	MKCIL/GNR/UK_PSB_PKG-2/175	Reg. Request for permission of soil from Badshaibag UP State due to Unavailability in Dehradun Zone.	PIU, NHAI	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	11.07.2023	
10	MKCIL/GNR/UK_PSB_PKG-2/176	Reg. Submission of Geophysical electrical resistance survey reports.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	12.07.2023	
11	MKCIL/GNR/UK_PSB_PKG-2/177	Reg. Repairing of Dhaki Bridge Parapet wall in Existing Project Highway.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	12.07.2023	
12	MKCIL/GNR/UK_PSB_PKG-2/178	Reg. Submission of Drawing of Minor Bridge at Ch 28.122 & 24.090.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	13.07.2023	
13	MKCIL/GNR/UK_PSB_PKG-2/179	Reg. Submission of Drawing of Box Culvert of Ch 21.108.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	13.07.2023	
14	MKCIL/GNR/UK_PSB_PKG-2/180	Reg. Submission of Drawing of 27 Nis Hume Pipe Culvert.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	13.07.2023	
15	MKCIL/GNR/UK_PSB_PKG-2/181	Reg. Submission of Drawing of VUP at Ch 22.598.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	13.07.2023	
16	MKCIL/GNR/UK_PSB_PKG-2/182	Reg. Descoping of WAY SIDE AMENITIES from the project scope.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	12.07.2023	
17	MKCIL/GNR/UK_PSB_PKG-2/185	Reg- Observation on Contract Price Weightage as per Annexure-I of Schedule-G.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	19.07.2023	
18	MKCIL/GNR/UK_PSB_PKG-2/188	Reg - Appointment for the member of Dispute Resolution Board.	PIU, NHAI	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	22.07.2023	
19	MKCIL/GNR/UK_PSB_PKG-2/190	Reg- Observation on Contract Price Weightage as per Annexure-I of Schedule-G.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	22.07.2023	
20	MKCIL/GNR/UK_PSB_PKG-2/192	Reg - Submission of test report of Borrow area 08, 13, 14 & 15.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	27.07.2023	
21	MKCIL/GNR/UK_PSB_PKG-2/193	Submission of Drone Videography and ortho photofraphy for the month of July 2023 as per Article 13.6.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	28.07.2023	
22	MKCIL/GNR/UK_PSB_PKG-2/195	Reg - Implementation of IT Deduction as 0.12%.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	29.07.2023	
23	MKCIL/GNR/UK_PSB_PKG-2/196	Reg - Submission of 1st Milestone payment certificate (MPC-01).	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	31.07.2023	
24	MKCIL/GNR/UK_PSB_PKG-2/197	Reg - Work Methodology for Construction of Embankment.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	31.07.2023	
25	MKCIL/GNR/UK_PSB_PKG-2/198	Reg - Submission of profile & credentials of Asian Paints Smartcare Admixture.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	31.07.2023	
26	MKCIL/GNR/UK_PSB_PKG-2/199	Reg - Submission for Third Party lab profile & credential of CiMEC Infralabs Private Limited.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	31.07.2023	

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Weather report

9.1 Summary of weather report

SL. NO.	DATE	TEMPERATURE		HUMIDITY		WEATHER	RAIN FALL (in mm)	CUM. RINFALL	REMARKS
		MAX.	MIN.	MAX.	MIN.				
1	01-07-2023	37	26.9	55	32	Rainy	7.8	388.5	
2	02-07-2023	36.1	28	54	36	Sunny	0	388.5	
3	03-07-2023	38	26.9	54	33	Rainy	42.7	431.2	
4	04-07-2023	34.4	26.7	57	37	Rainy	69.8	501	
5	05-07-2023	29	26.2	59	53	Rainy	40.6	541.6	
6	06-07-2023	36	27.7	54	34	Sunny	0	541.6	
7	07-07-2023	32.9	26.9	59	41	Rainy	24.2	565.8	
8	08-07-2023	28.1	26.3	60	57	Rainy	55.2	621	
9	09-07-2023	28.4	26	62	58	Rainy	69.8	690.8	
10	10-07-2023	28.8	25.8	61	55	Rainy	149.6	840.4	
11	11-07-2023	31.6	26.3	59	45	Rainy	31.3	871.7	
12	12-07-2023	27.2	25.7	64	59	Rainy	96.9	968.6	
13	13-07-2023	34.9	27	59	39	Rainy	18.9	987.5	
14	14-07-2023	36	27.6	57	36	Sunny	0	987.5	
15	15-07-2023	36	27.7	57	37	Rainy	25.7	1013.2	
16	16-07-2023	37	28.3	58	35	Sunny	0	1013.2	
17	17-07-2023	36.6	27.2	61	35	Rainy	15.2	1028.4	
18	18-07-2023	32.6	27.3	60	44	Rainy	11.6	1040	
19	19-07-2023	36	26.9	58	35	Rainy	6.3	1046.3	
20	20-07-2023	38.1	28.1	55	30	Sunny	0	1046.3	
21	21-07-2023	36	28.3	54	36	Rainy	3.9	1050.2	
22	22-07-2023	32.6	27.6	59	44	Rainy	37.5	1087.7	
23	23-07-2023	38.9	29	52	33	Sunny	0	1087.7	
24	24-07-2023	36.7	28.6	57	34	Sunny	0	1087.7	
25	25-07-2023	36	29.6	59	35	Rainy	26.7	1114.4	
26	26-07-2023	33.3	27.5	55	39	Rainy	13.6	1128	
27	27-07-2023	34.7	28	61	36	Sunny	0	1128	
28	28-07-2023	34.7	26.8	57	37	Rainy	4.2	1132.2	
29	29-07-2023	33.2	27.6	54	38	Sunny	0	1132.2	
30	30-07-2023	37.7	28	56	32	Rainy	29.6	1161.8	
31	31-07-2023	36	28.9	56	35	Sunny	0	1161.8	

Site visit and meetings

10.1 Details of site visit and meetings

Sr. No	Date	Meeting & Visit
1	11.07.2023	Meeting with IE & Concessionaire at MKC Base Camp.
2	12.07.2023	Site Inspection by IE & Team.
3	12.07.2023	Meeting with NHAI Representative, IE & Concessionaire at NHAI office.
4	14.07.2023	Meeting with NHAI Representative, at NHAI office Regrading Qualtity control

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Site photographs

11.1 Site photographs

AIV Test of Aggregate in presence of IE Team

Existing Dhaki Bridge Repairing

MKC POANTA-SAHIB DEHRADUN KEDARNATH HIGHWAYS PVT. LTD. Authorised Signatory

Hydrology Survey by BE Sir.

Exisiting Road Repairing work near Ch 40.100.

MKC POONTA SAHEB DEHRADUN KEDARNATH HIGHWAYS PVT. LTD. ★ Authorised Signatory

MNB wall 1st Lift Checking by ABE.

Box Culvert 25.973 Top Slab Casting

MKC PAONTA-SAHEB DEHRADUN KEDARNATH SHIVAYS PVT. LTD. Authorised Signatory

MNB 29.174 Wall Casting

MKC PAONTA SAHEB DEHRADUN KEDARNATH HIGHWAYS PVT. LTD. ★ Authorised Signatory

Thanks