MONTHLY PROGRESS REPORT OF MAY-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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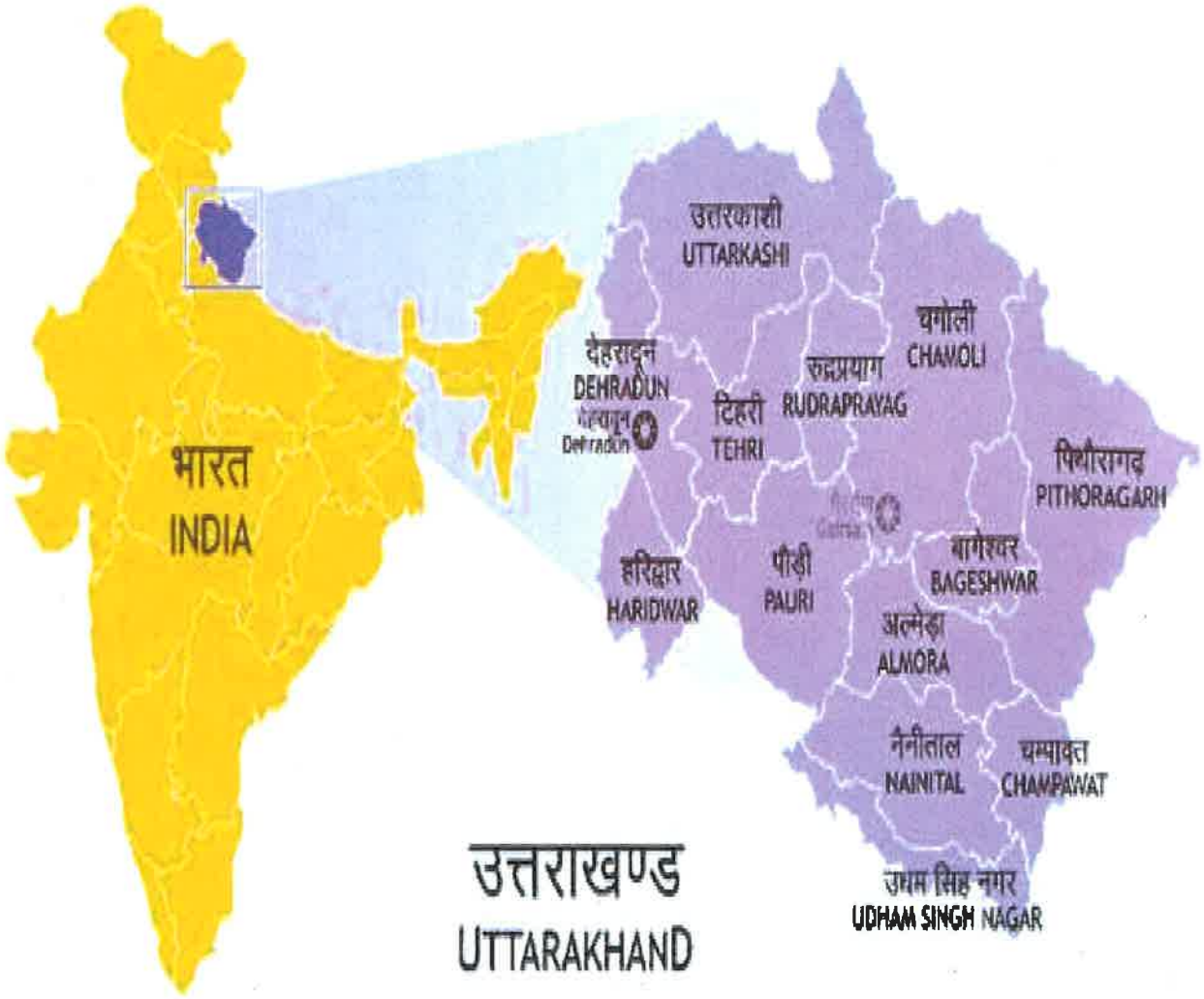
Maps Showing project Location

1.1 Location of Work state in india



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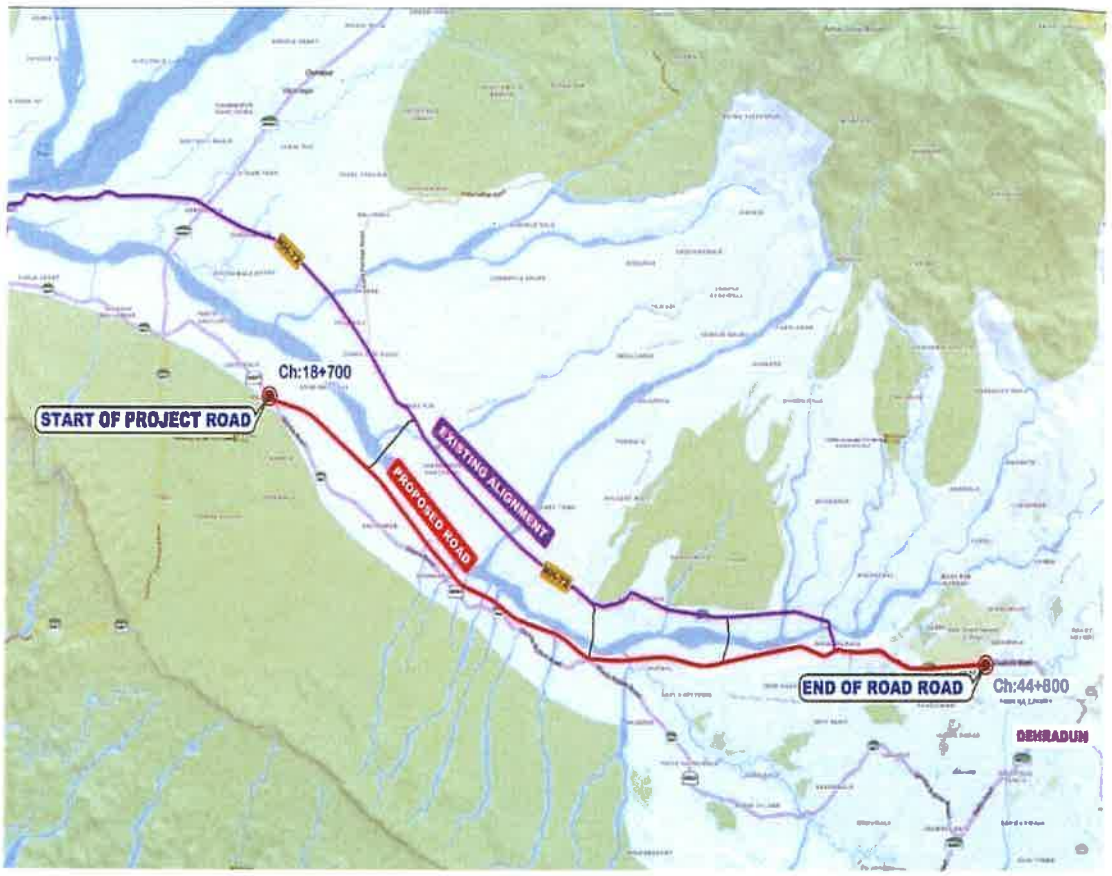
1.2 Location of project in state



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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

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3.1 Financial progress

Item	Stage for measurement of Physical Progress	Unit	Unit rate	Total Scope	Qty Up To May	Qty Up To Apr	Qty of May	Amount Up to May	Amount up to April	Amount of May
	A-Widening & Strengthening of									
	(1) Earthwork upto top of Sub-grade	Km	10081024.25	4.50			0	0	0	0
	(2) Granular work (Sub-base,						0	0	0	0
	(a) CTSB/GSB	Km	4498319.27	4.50			0	0	0	0
	(b) WMM	Km	5620333.51	4.50			0	0	0	0
	(3) Shoulders	Km	1197271.29	9.00			0	0	0	0
	(4) Bituminous Work						0	0	0	0
	(a) DBM	Km	7057059.05	4.50			0	0	0	0
	(b) BC	Km	4556472.45	4.50			0	0	0	0
	(5) Rigid Pavement						0	0	0	0
	Concrete Work	Km					0	0	0	0
	(6) Widening & repair of Culverts	No.					0	0	0	0
	(7) Widening & repair of Minor Bridge	No.					0	0	0	0
	B-New 4 Lane Realignment/Bypass						0	0	0	0
	(1) Earthwork upto top of Sub-grade	Km	11670949.82	41.56	0.1		0.1	1167095	0	1167095
	(2) Granular work (Sub-base,						0	0	0	0
	(a) CTSB / GSB	Km	16352925.96	40.76			0	0	0	0
	(b) WMM	Km	14368605.59	40.76			0	0	0	0
	(3) Shoulders	Km	1269728.81	40.76			0	0	0	0
	(4) Bituminous Work						0	0	0	0
	(a) DBM	Km	9218821.75	40.76			0	0	0	0
	(b) BC	Km	5947055.42	40.76			0	0	0	0
	(5) Rigid Pavement						0	0	0	0

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Item	Stage for measurement of Physical Progress	Unit	Unit rate	Total Scope	Qty Up To May	Qty Up To Apr	Qty of May	Amount Up to May	Amount up to April	Amount of May
	Concrete Work	Km					0	0	0	0
	C- New Culverts, Minor Bridges,						0	0	0	0
	1) (a) Hume Pipe Culverts	No.					0	0	0	0
	PCC		85655.71	58.00	15	10	5	1284835.7	856557.12	428278.56
	Placing of pipe		685245.70	58.00	16	8	8	10963931	5481965.6	5481965.6
	Head wall & Encasing		299891.67	58.00	12	8	4	3598700	2399133.4	1199566.7
	(b) Box culvert						0	0	0	0
	Raft		6404237.18	15.00	3	1.5	1.5	19212712	9606355.8	9606355.8
	Wall		3521358.53	15.00	2	0.5	1.5	7042717.1	1760679.3	5282037.8
	Slab		5602772.99	15.00			0	0	0	0
	Other protection work		479981.35	15.00			0	0	0	0
	2) Minor Bridge						0	0	0	0
	a) Foundation	No.	12117581.39	19.00	5	2	3	60587907	24235163	36352744
	b) Sub-Structure	No.	0.00	19.00			0	0	0	0
	Wall 1st lift	No.	2402267.72	19.00	3	1	2	7206803.2	2402267.7	4804535.4
	Wall 2nd lift	No.	2260610.65	19.00			0	0	0	0
	Wall 3rd lift	No.	2402267.72	19.00			0	0	0	0
	c) Super-Structure (including Crash	No.	5017021.03	19.00			0	0	0	0
	3) Cattle/Pedestrian Underpasses						0	0	0	0
	a) Foundation	No.					0	0	0	0
	b) Sub-Structure	No.					0	0	0	0
	c) Super-Structure (including Crash	No.					0	0	0	0
	4) Pedestrian Overpasses						0	0	0	0
	a) Foundation	No.					0	0	0	0
	b) Sub-Structure	No.					0	0	0	0

Item	Stage for measurement of Physical Progress	Unit	Unit rate	Total Scope	Qty Up To May	Qty Up To Apr	Qty of May	Amount Up to May	Amount up to April	Amount of May
Road works including culverts, minor bridges,underpasses, overpasses, approaches to ROB/ RUB/ Major Bridges/ Structures (but excluding Slip/ Service roads)	c) Super-Structure (including Crash	No.					0	0	0	0
	5) Grade Separated Structures						0	0	0	0
	a) Underpasses						0	0	0	0
	i) Foundation	No.	19120752.51	6.00	2	0.5	1.5	38241505	9560376.3	28681129
	ii) Sub-Structure						0	0	0	0
	Wall 1st lift	No.	6056213.32	6.00	2	0.5	1.5	12112427	3028106.7	9084320
	Wall 2nd lift	No.	5699965.48	6.00	2	0.25	1.75	11399931	1424991.4	9974939.6
	Wall 3rd lift	No.	6056213.32	6.00	1	0.25	0.75	6056213.3	1514053.3	4542160
	iii) Super-Structure (including Crash	No.	11457498.81	6.00			0	0	0	0
	b) Overpasses						0	0	0	0
	i) Foundation	No.	25344809.78	1.00			0	0	0	0
	ii) Sub-Structure	No.	4597952.22	1.00			0	0	0	0
	iii) Super-Structure (including Crash	No.	21083293.09	1.00			0	0	0	0
	c) Flyover						0	0	0	0
	i) Foundation	No.					0	0	0	0
	ii) Sub-Structure	No.					0	0	0	0
	iii) Super-Structure (including Crash	No.					0	0	0	0
	d) Foot Over Bridge	No.	6018457.78	3.00			0	0	0	0
	A)Widening(Rehabilitation)/Repair of						0	0	0	0
	1) Foundation						0	0	0	0
	a) Open Foundation	No.					0	0	0	0
	b) Pile Foundation/Well	No.					0	0	0	0
	2) Sub-Structure	No.					0	0	0	0
	3) Super-Structure (including Crash	No.					0	0	0	0
	B) Widening & Repair of						0	0	0	0

Item	Stage for measurement of Physical Progress	Unit	Unit rate	Total Scope	Qty Up To May	Qty Up To Apr	Qty of May	Amount Up to May	Amount up to April	Amount of May
Major Bridge works and ROB / RUB	a) ROB						0	0	0	0
	1) Foundation	No.					0	0	0	0
	2) Sub-Structure	No.					0	0	0	0
	3) Super-Structure (including Crash	No.					0	0	0	0
	b) RUB						0	0	0	0
	1) Foundation	No.					0	0	0	0
	2) Sub-Structure	No.					0	0	0	0
	3) Super-Structure (including Crash	No.					0	0	0	0
	C) New Major Bridges						0	0	0	0
	1) Foundation						0	0	0	0
	a) Open Foundation	No.	195805167.36	1.00			0	0	0	0
	b) Pile Foundation/Well						0	0	0	0
	2) Sub-Structure	No.	62882398.48	1.00			0	0	0	0
	3) Super-Structure (including Crash	No.	126149634.16	1.00			0	0	0	0
	D) New Rail Road Bridges						0	0	0	0
	a) ROB						0	0	0	0
	1) Foundation	No.		0.00			0	0	0	0
	2) Sub-Structure	No.		0.00			0	0	0	0
	3) Super-Structure (including Crash	No.		0.00			0	0	0	0
	b) RUB						0	0	0	0
	1) Foundation	No.		0.00			0	0	0	0
	2) Sub-Structure	No.		0.00			0	0	0	0
	3) Super-Structure (including Crash	No.		0.00			0	0	0	0
tures (Elevated Secti	1) Foundation	No.		0			0	0	0	0
	2) Sub-Structure	No.		0			0	0	0	0

Item	Stage for measurement of Physical Progress	Unit	Unit rate	Total Scope	Qty Up To May	Qty Up To Apr	Qty of May	Amount Up to May	Amount up to April	Amount of May
on, Reinforced	3) Super-Structure (including Crash	No.		0			0	0	0	0
	4) Reinforced Earth Wall (includes	Sq.m	9703.96	27202			0	0	0	0
Electrical and Public Health Utilities	EHT Line	Km	3964749.93	0.34			0	0	0	0
	EHT Crossing	No.	1023047.08	2.00			0	0	0	0
	HT/LT Lines (including	Km	198151.16	3.28		0	0	0	0	0
	HT/LT Crossings	No.	856784.44	43.00	11	11	0	9424628.8	9424628.8	0
	Water Pipeline	Km	461316.36	3.47			0	0	0	0
	Water Pipeline Crossings	No.	2781140.59	28.00			0	0	0	0
	Sewage Line	Km		0.00			0	0	0	0
	Sewage Line Crossing	No.		0.00			0	0	0	0
Other Works	i) - Service Road/ Slip Road	Km	2884057.89	41.56			0	0	0	0
	ii - Toll Plaza						0	0	0	0
	iii) Road Side Drain	Km	1257854.48	30.02			0	0	0	0
	iv) - Road signs,markings, Km						0	0	0	0
	(a) Road signs,markings, Km	Km	500540.70	26.10			0	0	0	0
	(d) Concrete Crash Barrier/W Beam	Km	3266795.03	8.61			0	0	0	0
	v) - Project Facilities						0	0	0	0
	(a) Bus Bays	No.	874510.25	8.00			0	0	0	0
	(b) Truck Lay Byes	No.		0.00			0	0	0	0
	(c) Rest Area / Wayside Amenities	No.	26199613.26	1.00			0	0	0	0
	vi) - Repairs to Bridge/Structure	no.		0.00			0	0	0	0
	vii) - Road Side Plantation and	Km	16411.17	26.10			0	0	0	0
	viii) - Protection Work						0	0	0	0
	(a) Boulder Pitching on Slopes	Km	423955.24	5.22			0	0	0	0
	(b) Toe Wall / Retaining Wall	Km	18306199.34	10.23			0	0	0	0

Item	Stage for measurement of Physical Progress	Unit	Unit rate	Total Scope	Qty Up To May	Qty Up To Apr	Qty of May	Amount Up to May	Amount up to April	Amount of May
	(ix) - Tunnel						0	0	0	0
	(a) Excavation	Meter		0.00			0	0	0	0
	(b) Construction of support System	Meter		0.00			0	0	0	0
	(c) On complete completion of tunnel	Meter		0.00			0	0	0	0
	x) - Miscellaneous						0	0	0	0
	(a) Major Junctions	No.	23201292.40	2.00			0	0	0	0
	(b) Minor Junctions	No.	499720.14	58.00			0	0	0	0
	(c) Street Lightning	Km	694739.55	26.10			0	0	0	0
	(d) Paver block flooring	Km	745614.18	9.00			0	0	0	0
	(e)ATMS, HTMS, Traffic Aid Posts,	Km	1170663.50	26.10			0	0	0	0
	(f) Others	Lump sum	6178805.72	26.10			0	0	0	0
			Total					188299405	71694278	116605127

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3.2 Physical progress

Highway								
Sr no.	Work description	Side	Unit	Scope	Completed	In progress	Balance	% of Balance
1	C & G	LHS	Length	26.1	12	0	14.1	54.02%
2		RHS	Length	26.1	12	0	14.1	54.02%
3	Earthwork	LHS	Length	26.1		1.1	25	95.79%
4		RHS	Length	26.1		1.1	25	95.79%
5	Sub Grade	LHS	Length	26.1			26.1	100.00%
6		RHS	Length	26.1			26.1	100.00%
7	GSB	LHS	Length	26.1			26.1	100.00%
8		RHS	Length	26.1			26.1	100.00%
9	WMM	LHS	Length	26.1			26.1	100.00%
10		RHS	Length	26.1			26.1	100.00%
11	DBM	LHS	Length	26.1			26.1	100.00%
12		RHS	Length	26.1			26.1	100.00%
13	BC	LHS	Length	26.1			26.1	100.00%
14		RHS	Length	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	24	34	41.38%
2	Box culverts		Nos	15	0	4	11	26.67%
3	Minor Bridges		Nos	19	0	14	5	73.68%
4	VUP		Nos	3	0	0	3	0.00%
5	LVUP		Nos	3	0	2	1	66.67%
6	Major bridge		Nos	1	0	0	1	0.00%
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	WIP			
7	26+612	26+612	1X6.0 M	DONE	DONE	DONE	DONE	DONE	WIP			
8	26+794	26+804	1X6.0 M	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	3	3	2	2	0	0	0	0
BALANCE				11	12	12	13	13	15	15	15	15

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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											
2	20+205	20+205	1.2											
3	20+360	20+360	1.2											
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				
7	22+083	22+080	1.2											
8	22+160	22+160	1.2											
9	22+214	22+214	1.2			DONE								
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		
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	
17	24+147	24+145	1.2			DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	
18	24+511	24+507	1.2			DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	
19	24+820	24+817	1.2											
20	24+878	24+878	1.2											
21	25+150	25+150	1.2											
22	26+366	26+366	1.2			DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	
23	27+243	27+237	1.2			DONE	NA	DONE	DONE	DONE	DONE	DONE	DONE	
24	27+358	27+358	1.2			DONE	DONE	NA	DONE	DONE	DONE	DONE	DONE	
25	27+452	27+446	1.2											
26	27+959	27+959	1.2			DONE	DONE	NA	DONE	DONE	DONE	DONE	DONE	
27	28+295	28+300	1.2											
28	28+384	28+381	1.2			DONE								
29	28+581	28+579	1.2			DONE								
30	28+619	28+618	1.2											
31	29+476	29+476	1.2											
32	30+097	30+093	1.2											
33	30+460	30+460	1.2											
34	30+661	30+661	1.2			DONE	NA	DONE	DONE	DONE	DONE	DONE		
35	30+838	30+838	1.2			DONE	DONE	NA	DONE	DONE	DONE	DONE		
36	30+928	30+928	1.2			DONE	DONE	NA	DONE	DONE	DONE	DONE		
37	31+781	31+781	1.2											

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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
38	31+962	31+962	1.2											
39	32+059	32+059	1.2			DONE	DONE	NA	DONE					
40	32+115	32+115	1.2			DONE	NA	DONE	DONE					
41	32+178	32+178	1.2			DONE	NA	DONE	DONE					
42	32+228	32+228	1.2			DONE	NA	DONE	DONE					
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		DONE						
50	36+577	36+577	1.2											
51	37+014	37+014	1.2											
52	37+460	37+460	1.2			DONE								
53	37+540	37+540	1.2											
54	37+840	37+840	1.2			DONE								
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						30	7	15	16	13	12	12	8	0
BALANCE						28	51	43	42	45	46	46	50	58

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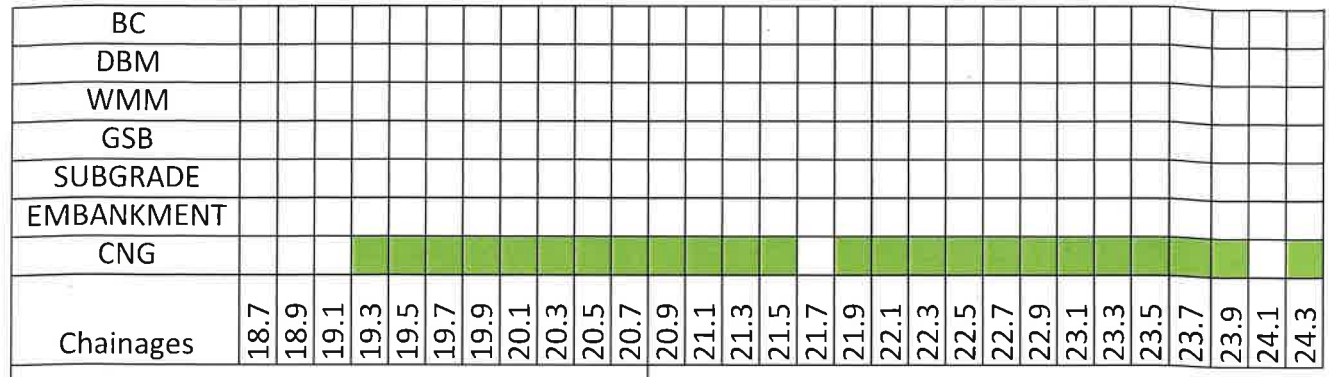
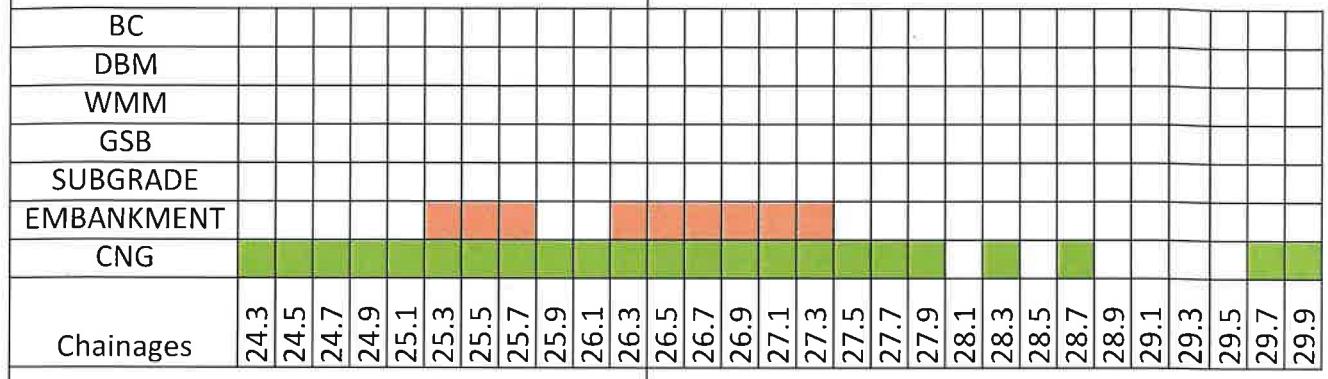
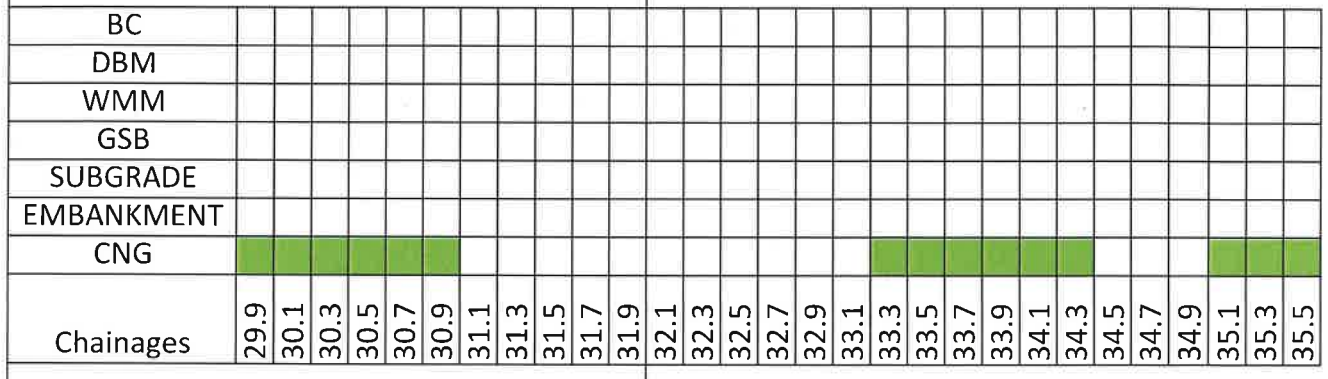
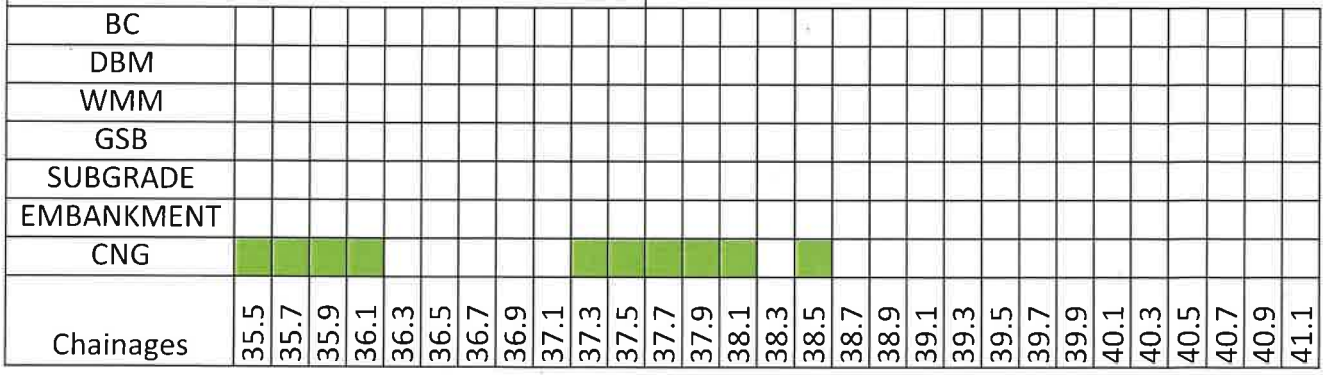
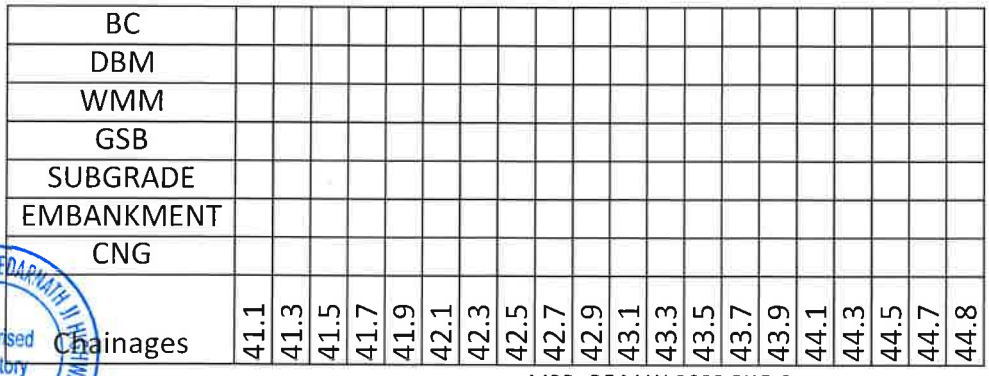
3.4 Strip chart of Earthwork











3.5 Utility shifting

Stament showing the work done of the utilty shifting

S.No	Chainage	Line Name	Status	Division	Remarks
1	19+300	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	

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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	Date of submission
BOX Culverts										
1		19+180	1X6.0 M			0	0	1	0	
2		21+108	1X6.0 M			0	0	1	0	
3		21+283	1X6.0 M			1	0	0	1	15.05.2023
4		21+408	1X6.0 M			1	0	0	1	15.05.2023
5		21+610	1X6.0 M			0	0	1	0	
6	25+992	25+973	1X6.0 M	R1	R0	1	1	0	0	03.03.2023
7	26+612	26+612	1X6.0 M	R1	R1	1	1	0	0	24.02.2023
8		26+794	1X6.0 M	R1	R1	1	1	0	0	27.02.2023
9	31+005	31+005	1X6.0 M	R3	R1	1	1	0	0	17.02.2023
10		35+575	1X4.0 M	R0	R0	1	1	0	0	22.05.2023
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						**7**	**5**	**8**	**2**	
Hume pipe culverts										
1	19+250	19+250	1.2			0	0	1	0	
2	20+205	20+205	1.2			1	1	0	0	23.02.2023
3	20+360	20+360	1.2			1	1	0	0	23.02.2023
4	20+438	20+438	1.2			0	0	1	0	
5	20+468	20+468	1.2			0	0	1	0	
6	21+945	21+945	1.2			1	1	0	0	23.02.2023
7	22+083	22+080	1.2			0	0	1	0	
8	22+160	22+160	1.2			0	0	1	0	
9	22+214	22+214	1.2			1	0	0	1	13.05.2023
10	22+339	22+339	1.2			1	0	0	1	13.05.2023
11	22+769	22+769	1.2			1	0	0	1	13.05.2023
12	22+807	22+802	1.2			1	0	0	1	13.05.2023
13	23+201	23+197	1.2			1	1	0	0	23.02.2023
14	23+414	23+440	1.2			1	1	0	0	23.02.2023
15	23+566	23+565	1.2			1	1	0	0	23.02.2023
16	23+932	23+932	1.2			1	1	0	0	23.02.2023
17	24+147	24+145	1.2			1	1	0	0	23.02.2023
18	24+511	24+507	1.2			1	1	0	0	23.02.2023
19	24+820	24+817	1.2			0	0	1	0	
20	24+878	24+878	1.2			0	0	1	0	
21	25+150	25+150	1.2			1	0	0	1	12.05.2023

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Sr no	Schedule Chainage	Design Chainage	Size	GAD	RD	Submitted	Approved	Pending for submission	Pending for approval	Date of submission
22	26+366	26+366	1.2			1	1	0	0	23.02.2023
23	27+243	27+237	1.2			1	1	0	0	23.02.2023
24	27+358	27+358	1.2			1	1	0	0	23.02.2023
25	27+452	27+446	1.2			0	0	1	0	
26	27+959	27+959	1.2			1	1	0	0	23.02.2023
27	28+295	28+300	1.2			1	0	0	1	13.05.2023
28	28+384	28+381	1.2			1	0	0	1	13.05.2023
29	28+581	28+579	1.2			1	0	0	1	12.05.2023
30	28+619	28+618	1.2			1	0	0	1	12.05.2023
31	29+476	29+476	1.2			1	1	0	0	18.04.2023
32	30+097	30+093	1.2			0	0	1	0	12.05.2023
33	30+460	30+460	1.2			0	0	1	0	
34	30+661	30+661	1.2			1	1	0	0	23.02.2023
35	30+838	30+838	1.2			1	1	0	0	23.02.2023
36	30+928	30+928	1.2			1	1	0	0	23.02.2023
37	31+781	31+781	1.2			1	0	0	1	13.05.2023
38	31+962	31+962	1.2			1	0	0	1	13.05.2023
39	32+059	32+059	1.2			1	1	0	0	18.04.2023
40	32+115	32+115	1.2			1	1	0	0	18.04.2023
41	32+178	32+178	1.2			1	1	0	0	18.04.2023
42	32+228	32+228	1.2			1	1	0	0	18.04.2023
43	32+291	32+291	1.2			1	1	0	0	18.04.2023
44	32+434	32+434	1.2			1	0	0	1	12.05.2023
45	33+439	33+439	1.2			1	1	0	0	18.04.2023
46	33+600	33+600	1.2			1	1	0	0	18.04.2023
47	34+062	34+062	1.2			1	0	0	1	12.05.2023
48	34+352	34+352	1.2			1	1	0	0	18.04.2023
49	35+153	35+153	1.2			1	1	0	0	18.04.2023
50	36+577	36+577	1.2			1	0	0	1	12.05.2023
51	37+014	37+014	1.2			1	0	0	1	12.05.2023
52	37+460	37+460	1.2			1	1	0	0	18.04.2023
53	37+540	37+540	1.2			1	1	0	0	18.04.2023
54	37+840	37+840	1.2			1	1	0	0	18.04.2023
55	38+175	38+175	1.2			0	0	1	0	
56	38+750	38+750	1.2			1	1	0	0	18.04.2023
57	38+850	38+850	1.2			1	1	0	0	18.04.2023
58	39+219	39+219	1.2			1	0	0	1	13.05.2023
Total of hume pipe culvert						**47**	**31**	**11**	**16**	
Minor /Major Bridges										
1	19+297	19+298	3X8 M	R2	R3	1	1	0	0	24.02.2023
2	20+163	20+163	2X10 M	R3	R3	1	1	0	0	24.02.2023

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Sr no	Schedule Chainage	Design Chainage	Size	GAD	RD	Submitted	Approved	Pending for submission	Pending for approval	Date of submission
3	20+820	20+816	2X10 M	R0	R1	1	1	0	0	08.04.2023
4	21+762	21+762	3X8 M	R3	R3	1	1	0	0	28.04.2023
5	22+554	22+732	1X10 M			0	0	1	0	
6	22+972	22+973	3X8 M			1	0	0	1	26.05.2023
7	24+090	23+974	3X8 M	R3	R3	1	1	0	0	24.04.2023
8	24+377	24+355	2X10 M	R1	R1	1	1	0	0	03.04.2023
9	25+320	25+316	3X8 M	R4	R3	1	1	0	0	15.02.2023
10	25+815	25+811	1X10 M	R2	R2	1	1	0	0	29.03.2023
11	26+487	26+480	3X8 M	R3	R3	1	1	0	0	18.04.2023
12	27+042	27+040	2X8 M	R2	R2	1	1	0	0	24.02.2023
13	27+741	27+736	3X10 M	R3	R3	1	1	0	0	29.03.2023
14	28+122	28+122	2X10 M			1	0	0	1	01.05.2023
15	28+222	28+222	5X10 M	R1	R1	1	1	0	0	25.03.2023
16	29+174	29+171	2X8 M	R2	R2	1	1	0	0	03.04.2023
17	29+659	29+652	2X8 M	R2	R2	1	1	0	0	03.04.2023
18	30+300	30+305	5X10 M	R2	R2	1	1	0	0	22.03.2023
19	31+745	31+740	3X10 M	R2	R2	1	1	0	0	28.03.2023
20	33+033	33+033	3X35 M			0	0	1	0	03.05.2023
Total of minor/major bridges						**18**	**16**	**2**	**2**	
Grade separated structures										
1	22+598	22+596	70			1	0	0	1	28.02.2023
2	28+285	28+285	12			1	1	0	0	07.02.2023
3	30+259	30+259	12			1	1	0	0	24.02.2023
4	31+691	31+678	70			0	0	1	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						**3**	**2**	**4**	**1**	

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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	20+260	20+650	390	Payment Issue
3	20+870	20+950	80	Payment Issue
4	21+250	21+480	230	Payment Issue
5	21+870	22+150	280	Payment Issue & Land Dispute
6	22+220	22+450	230	Payment Issue & Land Dispute
7	22+650	22+700	50	Court Case & Payment Issue
8	22+850	22+950	100	Horticulture & Land Payment Issue
9	23+080	23+650	570	Payment Issue
10	23+650	23+700	50	Court Case & Payment Issue
11	23+970	24+220	250	Payment Issue
12	24+310	24+340	30	Plotting, Boundary wall & Land Payment Issue
13	24+750	24+820	70	Payment Issue
14	25+050	25+220	170	Payment Issue
15	25+700	26+000	300	MNB Height & Land Payment Issue
16	26+120	26+350	230	Payment Issue
17	26+600	26+900	300	Payment Issue & Land Dispute
18	27+080	27+180	100	Payment Issue
19	27+880	28+000	120	Payment Issue
20	28+450	28+520	70	Issue of Local & payment Issue
21	28+820	28+860	40	Structure & Payment Issue
22	28+950	29+040	90	Structure & Payment Issue
23	29+040	29+090	50	Payment Issue of Structure Owner
24	29+380	29+520	140	Populated Area
25	31+050	31+650	600	Golden Forest, Structure & Payment Issue
26	31+770	32+080	310	Payment Issue
27	32+430	32+580	150	Payment Issue
28	32+580	32+920	340	Payment Issue
29	33+080	33+300	220	Structure, Building & Payment issue & Demand for Service Road.
30	35+400	35+600	200	Payment Issue
31	36+300	36+850	550	Building & Structure payment issue
32	37+100	37+220	120	Slum Area & Golden forest
33	37+900	38+120	220	Building & Slum Area Golden forest
34	38+220	38+310	90	Building & Structure Payment issue
35	38+850	40+040	1190	Building & Structure payment Issue

5.2 list of issues

Sr no	Work type	Location	Detail of issue	Remarks
1	Minor bridge	19+297	Land is not handed over yet	Land is not available at this location due to existence of CC road connecting to Village
2	Hume Pipe Culvert	23+565	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
3	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
4	Hume Pipe Culvert	37+014	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
5	Box Culvert	35+575	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

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6.1 List of personnel deployment

Sr No	Departement	Name	Designation
1	Key Role	Shivraj Singh	SPM
2		Anupam Tiwary	DPM
3	Billing & Planning	Lokesh Kumar Saraswat	Asst Manager
4		Suman Kumar	Jr Engineer
5		Shivam Goswami	Jr Engineer
6	Structure	Aman Singh Gola	Sr. Engineer
7		Binay Kr Mishra	Sr. Engineer
8		Avneesh Chaudhary	Sr. Engineer
9		Nishant Kumar Singh	Jr. Engineer
10		Prakash Konai	Jr. Engineer
11		Sanyam Singh	Jr. Engineer
12		Radhika kushwaha	Jr. Engineer
13		Satyam Kumar	Jr. Engineer
14		Ankush Kumar	Jr. Engineer
15		Sumit Kumar	Jr. Engineer
16		Shubh Kumar	Jr. Engineer
17		Rohit Kumar Singh	Site Supervisor
18	QA/QC	Anupam Parmanik	Sr. Engineer
19		Sudhanshu Kumar	Jr. Engineer
20		Rijayant Saini	Jr. Engineer
21	Survey	Tinku Singh	Sr. Engineer
22		Ashis Kumar	Jr. Engineer
23		Vikash	Site Supervisor
24	Highway	Somnath Pahari	Sr. Engineer
25		Raman Kumar	Sr. Engineer
26		Ravi Shankar Singh	Sr. Engineer
27		Naveen Shah	Jr. Engineer
28		Patel Komal kumar	Jr. Engineer
29	Mechenical	Vinod Kumar Patel	Sr. Engineer
30		Arpit Sharma	Jr. Engineer
31		Shahnawaz Ali	Data operator
32		Gaurav Rathaur	Asst Mechanic
33		Ankit Sharma	RMC Plant Opreator
34		Vikash Kumar	RMC Plant Helper
35		Rajpal	Welder
36		Sanjeev Kumar	Plant Helper
37	HR	Anish Kumar	Executive
38	Liaison	Gyanendra Namdev	Asst. Manager

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Sr No	Departement	Name	Designation
39	Liaison	Neeraj Singh Dhanik	Executive Admin
40	IT Executive	Gaurav Gupta	Sr. Engineer
41	Store	Suprabhat Singh	Sr Executive
42		Pawan Kr. Sharma	Jr. Executive
43		Vipul Sharma	Jr. Executive
44		Ramnivas Dhakad	Store Supervisor
45		Sanjay Singh	Store Helper
46		Sachin Kumar	Store Helper
47	QA/QC Technician & Helper	Sandeep Kumar	Lab Technician
48		Ramnivas Dhakad	Lab Technician
49		Vishal Singh Rana	Lab Helper
50		Shekhar Sekhawat	Lab Helper
51		Rohit Kumar	Lab Helper
52		Lavi Sharma	Lab Helper
53		Rohit Kumar	Lab Helper
54	Other	Subash Kumar	Cook
55		Nitin Kumar	Office Boy
56		Sanjay Kumar	LMV Driver
57		Babloo Kushwah	JCB Opt
58		Kamlesh Kumar Baerma	Hydra Opt
59		Asharam	TM Driver
60		Sunil kumar Rawat	Grader Opt
61		Virender kumar Patel	Excavator Opt
62		Lalit Singh	TM Driver
63		Ramkishor	Tyer Fitter
64		Manish Kumar	TM Driver
65		Umesh Kr Gond	TM Driver
66		Rajpal	Welder
67		Rohit Tomar	LMV Driver
68		Rajeev kumar	HMV Driver
69		Monu Singh Tomar	LMV Driver
70		Dharmendra Singh	TM Driver
71		Ranjeet Singh Rawat	TM Driver
72		Beerendra Singh	TM Driver
73		Mukesh Rawat	TM Driver
74		Vikas Babu	Roller Opt
75		Nitin Bharti	Mess Helper
76		Adesh Kumar	Mess Helper
77		Sanjeev Kumar	Plant Helper
78		Surendra Yadav	HMV Driver

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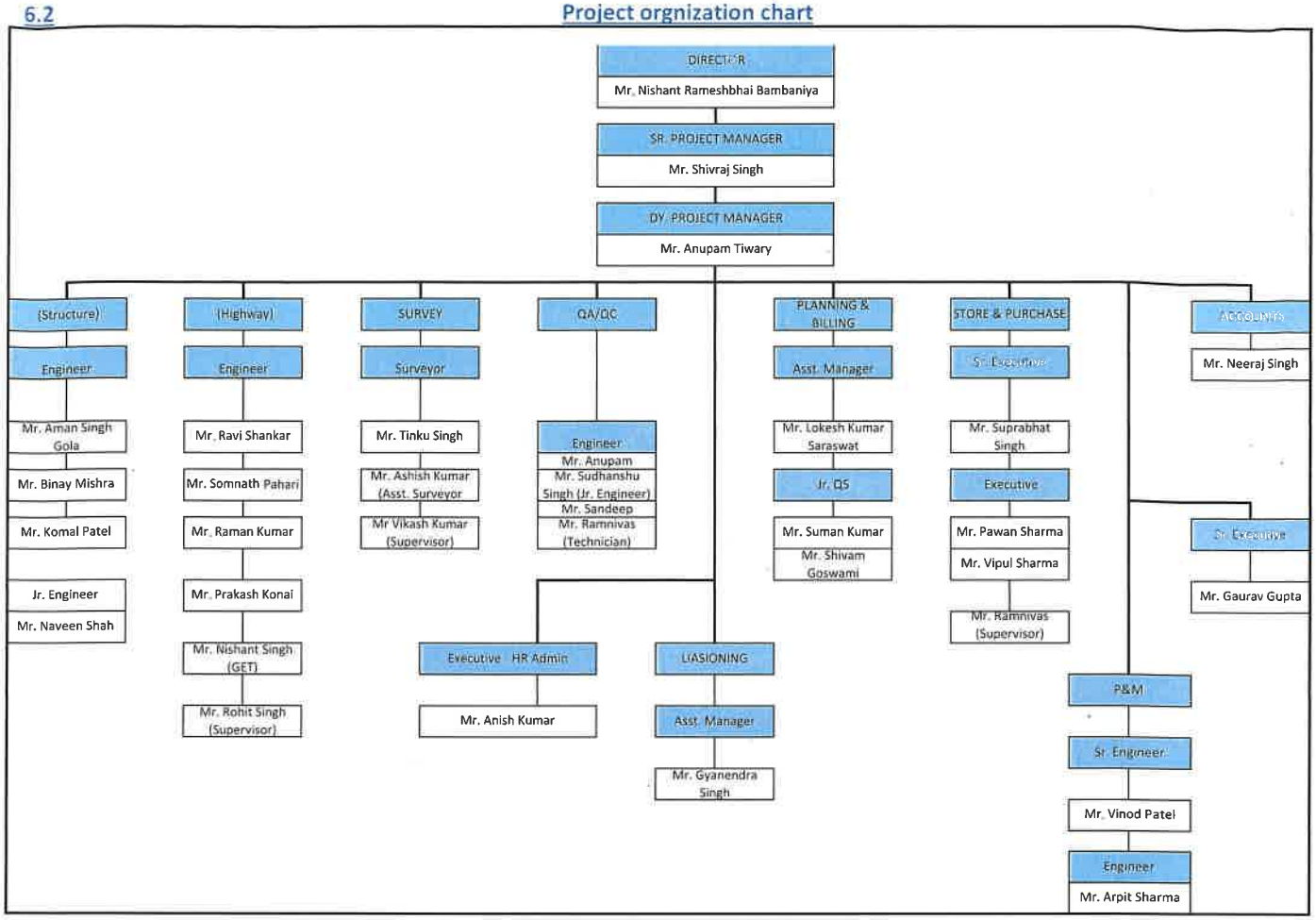
Sr No	Departement	Name	Designation
79		Vijay Patel	Roller Opt
80		Om Prakash Pandit	Wheel Loader
81		Sachin	Mess Helper
82		Shivam Tomar	LMV Driver
83		Amit Anthwal	LMV Driver
84		Rajesh Kumar	Workshop Helper
85		Raj Kumar	Highwa Driver
86		Gaurav Sharma	Plant Opt
87		Rohit Pal	Workshop Helper
88		Lalit Yadav	Hydra Opt
89		Akshay Verma	Mess Helper
90		Alkesh Kumar Patel	JCB Opt
91		Rohit Kumar	Lab Helper
92		Baleshwar Tiwari	TM Driver
93		Jagdish Singh	Excavator Opt
94		Pushkar Singh	Cook

6.2 Project orgnization chart



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6.3 Mobilization of plants & machinery

Sr. No	Item Description	Unit	Nos
1	Hydraulic Excavator (20 Ton)	Nos.	4
2	Dumpers (25 Ton)	Nos.	11
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.	4
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	Nos.	1
16	Screening Plant	Nos.	1
17	RE Block Plant	Nos.	1
18	DG Sets	Nos.	10
19	Diesel Tanker	Nos.	1
20	Bike	Nos.	6
21	LMV	Nos.	9
22	Compressor	Nos.	1
23	Concrete Pump	Nos.	1
		Total	**80**

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6.4 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	

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Sr no	Description	Nos	Remarks
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	
	FDD		
26	Sand Pouring Cylinder (100 mm dia)	2	
27	Tray for 10 cm dia	2	
28	Calibrating Container 100 mm dia	100	
29	Sand Pouring Cylinder (150 mm)	2	
30	Tray for 150 mm dia	2	
31	Calibrating Container 150 mm dia	2	
32	Sand Pouring Cylinder (200 mm)	2	
33	Tray for 200 mm dia	2	

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Sr no	Description	Nos	Remarks
34	Calibrating Container 200 mm dia	2	
35	Rapid moisture meters	5	
36	Calcium Carbide 500 gm pkt	10	
B. List of Lab Equipment for concrete Laboratory (Structural concrete,DLC,PQC)			
FI & EI			
37	Flakiness Gauge	2	
38	Elongation gauge	2	
AIV			
39	AIV Apparatus(full set)	1	
Crushing value			
40	Crushing value apparartus	1	
Bulk Density			
41	Bulk density cylinder capacity of **3 Ltr**	1	
42	Bulk density cylinder capacity of **15 Ltr**	1	
43	Bulk density cylinder capacity of **30 Ltr**	1	
44	Tamping Rod of 16mmØ and 60cm long	6	
Sp.Gravity & WA			
45	Specific gravity for coarse aggregate complete set up	1	
46	Electronic Weighing balance of 10 kg capacity	1	

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Sr no	Description	Nos	Remarks
47	Specific gravity Pycnometer capaity of 1 LTR (FA)	2	
Consistency,Initial & Final Setting time,soundness of cement			
48	Vicat Apparatus with plunger and Initial&Final setting time needles	2	
49	Gauging Trowel	6	
50	Lee chatlier Apparatus	5	
51	Constant Temp. Bath	1	
Compressive strength of cement mortar			
52	Mortar cube vibrating machine	1	
53	Mortar cube moulds **(70.6mm x 70.6mm x 70.6mm)**	18	
54	Standard sand (Grade1,2 & 3) 25 kg each	9	
Compressive strength of concrete			
55	Concrete cube Moulds **(150mm x 150mm x 150mm)**	84	150-Cast Iron , 150 -Plastic
56	Vibrating table for cube casting (1mX1m)	1	
57	Compression testing Machine- **2000 KN**	1	
58	Tamping Rod of 16mmØ and 60cm long	6	
59	Cube moulds **(100mmx100mmX100mm)**	12	
60	Concrete mixer - (Tilting Drum Mixer)	1	
61	Mason Trowel Big	10	
Slump test			
62	Slump cone with rod (Sets)	6	

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Sr no	Description	Nos	Remarks
63	Steel ruler,30cm long	8	
64	Sampling Scoop (2.5 Kg capacity)	4	
65	Sampling Scoop (1.0 Kg capacity)	4	
C. List of Lab Equipment for Bitumen and Bitumen Mixes			
66	Specific gravity bottle 50ml	5	
67	Core cutting machine with 100 mm and 150 mm dia.	1	
68	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			
69	Brass Sieve 4.75 mm	2	
70	Brass Sieve 2.36 mm	2	
71	Brass Sieve 2.00 mm	1	
72	Brass Sieve 1.40 mm	1	
73	Brass Sieve 1.18 mm	1	
74	Brass Sieve 1.00 mm	2	
75	Brass Sieve 850 mic.	1	
76	Brass Sieve 710 mic.	1	
77	Brass Sieve 600 mic.	1	
78	Brass Sieve 425 mic.	1	
79	Brass Sieve 300 mic.	2	

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Sr no	Description	Nos	Remarks
80	Brass Sieve 180 mic.	1	
81	Brass Sieve 150 mic.	2	
82	Brass Sieve 90 mic.	2	
83	Brass Sieve 75 mic.	2	
84	Brass Sieve 45 mic.	2	
GI Sieve 450 mm Dia			
85	GI Sieve 75 mm	2	
86	GI Sieve 63 mm	1	
87	GI Sieve 53 mm	1	
88	GI Sieve 45 mm	3	
89	GI Sieve 40 mm	1	
90	GI Sieve 37.5 mm	2	
91	GI Sieve 31.5 mm	2	
92	GI Sieve 26.5 mm	2	
93	GI Sieve 25 mm	1	
94	GI Sieve 22.4 mm	1	
95	GI Sieve 20 mm	2	
96	GI Sieve 19 mm	1	
97	GI Sieve 16 mm	1	
98	GI Sieve 13.2 mm	1	

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Sr no	Description	Nos	Remarks
99	GI Sieve 12.5 mm	1	
100	GI Sieve 11.2 mm	2	
101	GI Sieve 10 mm	2	
102	GI Sieve 9.5 mm	2	
103	GI Sieve 6.3 mm	1	
104	GI Sieve 5.6 mm	1	
105	GI Sieve 4.75 mm	1	
106	GI Sieve 2.36 mm	2	
107	GI Lid and Pan	0	
Common items			
108	Vernier Caliper-300mm (Digital)	1	
109	Electronic Weighing Balance (30 Kg) , 1gm	2	
110	Electronic Weighing Balance (10 Kg) 0.5 gm	1	
111	Electronic Weighing Balance (600G) , 0.01	2	
112	Measuring cylinder of 1000ml capacity(Plastic)	2	
113	Measuring cylinder of 500ml capacity(Plastic)	2	
114	Hydrometer (0.8 to 0.9)	3	
115	Rain gauge -	1	
116	Digital Thermometer (0 to 250° C) - Pen type	5	
117	Iron hammer	4	

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Sr no	Description	Nos	Remarks
118	Lab Programme display board (white boar	1	
119	Measuring tape steel 30 mtr	1	
120	Measuring tape steel 5 mtr	1	
121	Spades	2	
122	Pick axes	2	
123	Sampling Scoop	4	
For calibration of HMP and Batching palnt			
124	Standard Iron weights 20kg	1	
125	Standard Iron weights 10 kg	1	
126	Standard Iron weights 5 kg	1	
127	Standard Iron weights 2 kg	1	
128	Standard Iron weights 1 kg	1	
129	Standard Iron weights 500 gms	1	
130	Standard Iron weights 200gms	1	
131	Standard Iron weights 100gms	1	
D. List of Lab Equipment for Bitumen and Bitumen Mixes			
132	Measuring Cylinder Glass 100ml	16	

Quality control test conducted summary

7.1

Quality control test conducted summary

SI.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**	55	55	0	0	0	0	**55**	**55**	0	0	7	**7**	
ii)	Atterberg Limits (LL & PL)	2 tests for 3000 cu.m of soil	IS 2720 Part-5	**0**	55	55	0	0	0	0	**55**	**55**	0	0	7	**7**	
iii)	Proctor Test(MDD & OMC)	2 tests for 3000 cu.m of soil	IS 2720 Part-8	**0**	55	55	0	0	0	0	**55**	**55**	0	0	7	**7**	
iv)	Free Swell Index (FSI)	2 tests for 3000 cu.m of soil	IS 2720 Part-40	**0**	55	55	0	0	0	0	**55**	**55**	0	0	7	**7**	
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	46	0	0	0	46	46	0	46	46	0	46	0	**46**	
ii)	Atterberg Limits (LL & PL)	2 tests for 3000 cu.m of soil	IS 2720 Part-5	46	0	0	0	46	46	0	46	46	0	46	0	**46**	
iii)	Proctor Test(MDD & OMC)	2 tests for 3000 cu.m of soil	IS 2720 Part-8	46	0	0	0	46	46	0	46	46	0	46	0	**46**	
iv)	Free Swell Index (FSI)	2 tests for 3000 cu.m of soil	IS 2720 Part-40	46	0	0	0	46	46	0	46	46	0	46	0	**46**	
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	2	0	0	0	2	2	0	2	2	0	2	0	**2**	
ii)	Atterberg Limits (LL & PL)	2 tests for 3000 cu.m of soil	IS 2720 Part-5	2	0	0	0	2	2	0	2	2	0	2	0	**2**	
iii)	Proctor Test(MDD & OMC)	2 tests for 3000 cu.m of soil	IS 2720 Part-8	2	0	0	0	2	2	0	2	2	0	2	0	**2**	
iv)	Free Swell Index (FSI)	2 tests for 3000 cu.m of soil	IS 2720 Part-40	2	0	0	0	2	2	0	2	2	0	2	0	**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	477	323	323	39	477	477	15	800	800	54	191	323	**514**	
ii)	Compaction Control for Embankment	1 Test/3000 m2	IS 2720 Part-28	33	0	0	0	33	33	9	33	33	9	11	0	**11**	

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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	
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	
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	

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	
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**	
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**	

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	
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	

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)	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**	
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**	

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	
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**	

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	
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	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**	

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	
xxi)	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	
	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	

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	
G	**Structural Concrete Work (M^3)**																
1	**Cement**															0	
i)	Consistency	for Every Batch/Lot	IS 4301 Part-4	**5**	8	5	0	5	5	0	**13**	**10**	0	2	4	**6**	
ii)	Initial setting time & final setting time	for Every Batch/Lot	IS 4301 Part-5	**5**	8	5	0	5	5	0	**13**	**10**	0	2	4	**6**	
iii)	Fineness	for Every Batch/Lot	IS 4301 Part-1	**5**	13	10	0	5	5	0	**18**	**15**	0	2	4	**6**	
iv)	Compressive strength (3 Days)	for Every Batch/Lot	IS 4301 Part-6	**12**	16	10	0	12	12	0	**28**	**22**	0	0	2	**2**	
v)	Compressive strength (7 Days)	for Every Batch/Lot	IS 4301 Part-6	**15**	16	7	0	15	15	0	**31**	**22**	0	0	2	**2**	
vi)	Compressive strength (28 Days)	for Every Batch/Lot	IS 4301 Part-6	**12**	11	2	0	12	12	0	**23**	**14**	0	0	1	**1**	
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**	4	4	0	6	6	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**	23	14	0	31	31	0	**54**	**45**	0	11	12	**23**	
ii)	Gradation Test for Fine Aggregate	1 Test / day	IS 383	**31**	27	18	0	31	31	0	**58**	**49**	0	11	13	**24**	
iii)	Flakiness Index	1 Test / day	IS 2386 Part-1	**4**	13	9	0	4	4	0	**17**	**13**	0	2	3	**5**	
iv)	Aggregate Impact Value/Los Angles Abrasion Value	1 Test / day	IS 2386 Part-4	**4**	9	5	0	4	4	0	**13**	**9**	0	2	4	**6**	
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	**195**	126	126	0	195	195	0	**321**	**321**	0	39	32	**71**	
7	Concrete Compressive strength (28 Days) m^3		IS 516	**339**	177	177	0	339	339	0	**516**	**516**	0	24	3	**27**	
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**	
ii)	Concrete Batching Plant (CP-45)	One test for every year	-	**1**	1	1	0	0	0	0	**1**	**1**	**0**	1	0	**1**	
iii)	Sand pouring cylinder 150mm dia.	One test for every month	IS 2720 Part-28	**1**	2	2	0	1	1	0	**3**	**3**	**0**	1	1	**2**	

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	
iv)	Sand pouring cylinder 200mm dia.	One test for every month	IS 2720 Part-28	**1**	2	2	0	1	1	0	**2**	**3**	**0**	1	0	**1**	
v)	Sand pouring cylinder 100mm dia.	One test for every month	IS 2720 Part-28	**0**	2	2	0	0	0	0	**3**	**2**	**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			**1363**	**1005**	**946**	**39**	**1368**	**1368**	**24**	**2373**	**2314**	**63**	**492**	**442**	**934**	

Correspondence

8.1 Summary of correspondence letters

Sr no	Letter No	Subject	To	From	Date	Remarks
1	MKCIL/GNR/UK_PSB_PKG-2/100	Submission of Source Approval of STP Admixture.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	01.05.2023	
2	MKCIL/GNR/UK_PSB_PKG-2/101	Adverse Climate Condition from March to April.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	01.05.2023	
3	MKCIL/GNR/UK_PSB_PKG-2/102	Confirmation os site Address & Authorized Communiocation mail id.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	01.05.2023	
4	MKCIL/GNR/UK_PSB_PKG-2/103	Submission of Contract Price Weightage Schedule "G"	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	03.05.2023	
5	MKCIL/GNR/UK_PSB_PKG-2/104	Submission of Plate Load Test Report of SBC for MNB 28+222.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	04.05.2023	
6	MKCIL/GNR/UK_PSB_PKG-2/105	Request for Permission of Zone-II sand from HP & UP	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	04.05.2023	
7	MKCIL/GNR/UK_PSB_PKG-2/106	Modification of Chainage for MNB @22+554.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	05.05.2023	
8	MKCIL/GNR/UK_PSB_PKG-2/107	Submission of Mix Design of M35 Grade Concrete	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	06.05.2023	
9	MKCIL/GNR/UK_PSB_PKG-2/108	Submission of Monthly Progress Report.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	07.05.2023	
10	MKCIL/GNR/UK_PSB_PKG-2/109	Submission of Structure Drawing for Approval of Saftey Consultant	Saftey Consultant	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	08.05.2023	
11	MKCIL/GNR/UK_PSB_PKG-2/110	Submission of Plan & Profile of Ch 18.700 to 38.000.	Saftey Consultant	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	08.05.2023	
12	MKCIL/GNR/UK_PSB_PKG-2/111	Regarding 1st & 2nd Mobilization Advance	PIU, NHAI	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	10.05.2023	
13	MKCIL/GNR/UK_PSB_PKG-2/112	Submission of Contract Price Weightage Schedule "G"	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	11.05.2023	

Authorised Signatory

Sr no	Letter No	Subject	To	From	Date	Remarks
14	MKCIL/GNR/UK_PSB_PKG-2/113	Reg. Source Approval of Prime Gold Sail JVC Ltd. TMT.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	11.05.2023	
15	MKCIL/GNR/UK_PSB_PKG-2/114	Reg. Source Approval of Rashmi Metaliks Limited TMT.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	11.05.2023	
16	MKCIL/GNR/UK_PSB_PKG-2/115	Submission of Drone Survey Report	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	12.05.2023	
17	MKCIL/GNR/UK_PSB_PKG-2/117	Reg. Intimation of Utility Shifting	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	12.05.2023	
18	MKCIL/GNR/UK_PSB_PKG-2/118	Submission of Escroe Account details	PIU, NHAI	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	12.05.2023	
19	MKCIL/GNR/UK_PSB_PKG-2/119	Submission of Mix Design of M10, 15, 20,25,30 Grade Concrete	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	13.05.2023	
20	MKCIL/GNR/UK_PSB_PKG-2/120	Submission of Hydrology report & drawing of MNB	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	13.05.2023	
21	MKCIL/GNR/UK_PSB_PKG-2/121	Submission of Source Approval of MS Agarwal Foundries Pvt. Ltd.	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	13.05.2023	
22	MKCIL/GNR/UK_PSB_PKG-2/123	Submission of Design & Drawing of 31 Nos HPC	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	18.05.2023	
23	MKCIL/GNR/UK_PSB_PKG-2/124	Submission of Geophysical Electrical Resistivity Survey Report of MNB 30.300, 28.222 & MJB 33.033	IE	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	29.05.2023	
24	MKCIL/GNR/UK_PSB_PKG-2/125	Regarding time period and royalty	Mining department	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	31.05.2023	
25	MKCIL/GNR/UK_PSB_PKG-2/126	Regarding time period and royalty	Mining department	MKC Poanta - Saheb Dehradun Kedarnathji Highways Private Limited	31.05.2023	

MKC POANTA SAHEB DEHRADUN KEDARNATH II HIGHWAYS PVT. LTD. Authorised Signatory

Weather report

9.1 Summary of weather report

SL. NO.	DATE	TEMPERATURE		REL. HUMIDITY		WEATHER	RAIN FALL in (mm)	REMARKS
		MAX.	MIN.	MAX.	MIN.			
1	01-05-2023	23	21.4	55	50	Rainy	11.5	
2	02-05-2023	27.7	20.8	54	36	Rainy	4	
3	03-05-2023	27.1	18.1	53	35	Rainy	10.5	
4	04-05-2023	32.2	20.6	53	31	Sunny	0	
5	05-05-2023	33.6	21.1	49	30	Sunny	0	
6	06-05-2023	34.8	20.5	47	29	Sunny	0	
7	07-05-2023	35.1	20.9	45	28	Sunny	0	
8	08-05-2023	36.1	21.9	40	27	Sunny	0	
9	09-05-2023	37.2	19.7	41	27	Sunny	0	
10	10-05-2023	36.7	20.1	39	27	Sunny	0	
11	11-05-2023	38.1	21.1	39	27	Sunny	0	
12	12-05-2023	38.7	22	39	27	Sunny	0	
13	13-05-2023	38.1	21.1	40	28	Sunny	0	
14	14-05-2023	39.0	23.1	38	26	Sunny	0	
15	15-05-2023	39.7	23.3	37	26	Sunny	0	
16	16-05-2023	39.0	22.8	40	28	Sunny	0	
17	17-05-2023	39.9	24.1	47	26	Rainy	8.4	
18	18-05-2023	36.3	23.1	44	28	Sunny	0	
19	19-05-2023	37.9	23.3	42	27	Sunny	0	
20	20-05-2023	39.0	23.9	38	26	Sunny	0	
21	21-05-2023	40.3	24.9	40	26	Sunny	0	
22	22-05-2023	41	26.9	39	25	Sunny	0	
23	23-05-2023	39.9	26.3	41	27	Rainy	5.5	
24	24-05-2023	36.9	25	47	28	Rainy	17.8	
25	25-05-2023	37.1	22.4	48	29	Rainy	8.6	
26	26-05-2023	36.8	24.3	46	29	Sunny	0	
27	27-05-2023	35.8	23.5	48	30	Sunny	0	
28	28-05-2023	36.3	25.1	46	29	Sunny	0	
29	29-05-2023	35.5	25.3	46	29	Sunny	0	
30	30-05-2023	34.5	25.3	49	30	Rainy	2.5	
31	31-05-2023	32.5	22.1	49	34	Rainy	6.6	

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Site visit and meetings

10.1 Details of site visit and meetings

Sr. No	Date	Meeting & Visit
1	12.05.2023	Meeting through VC regarding junctions improvement proposal for project
2	13.05.2023	Collection of Borrow area sample jointly with IE representative
3	15.05.2023	Site inspection for geophysical test along IE representative
4	16.05.2023	Site inspection for geophysical test along IE representative
5	18.05.2023	Joint inspection of realignement site along IE representative
6	25.05.2023	Meeting with PD / NHAI for progress of project
7	27.05.2023	Joint inspection of Hume pipe factory along IE representative at Poanta Saheb

MKC POANTA SAHEB DEHRADUN KEDARNATH II HIGHWAYS PVT. LTD. Authorised Signatory

Site photographs

11.1 Site photographs

Authorised Signatory

Borrow Area Sampling

Raft Steel Checking by BE Sir.

MNB 24.377 Raft

MKC PONNUSAHEB DEHRADUN KEDARNATH JI HIGHWAYS PVT. LTD.
Authorised Signatory

EMB 1st Layer in Progress

Raft Casting at MNB 27+741.

MKC PODALI-SHER DEHRADUN KEDARNATH JI HIGHWAYS PVT. LTD. ★ Authorised Signatory

FDD Checking at Ch 23+100 to 23+180.

Geophysical Test at MNB 30+300

DEHRADUN KEDARNATH HIGHWAYS PVT. LTD. Authorised Signatory

Existing Road Layer Thickness Checking

Hume Pipe Factory Visit with SQME Sir.

MKC PRASHANTH DEHRADUN KEDARNATH JI HIGHWAYS PVT. LTD. ★ Authorised Signatory

Thanks