



NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Road Transport and Highways)

Construction of Eight lane Vadodara Kim Expressway from Km 323.00 to Km 292.00 (Sanpa to Manubar Section of Vadodara Mumbai Expressway) in the State of Gujarat under NHDP Phase - VI on Hybrid Annuity Mode (Phase IA-Package III)

MONTHLY PROGRESS REPORT 07 FOR THE MONTH OF SEPTEMBER-2019



Client	: NATIONAL HIGHWAYS AUTHORITY OF INDIA.
Concessionaire	: Patel Vadodara - Kim Expressway Private Limited.
Independent Engineer	: Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.
EPC Contractor	: Patel infrastructure Limited.

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1.0 EXECUTIVE SUMMARY

The Patel Vadodara - Kim Expressway Private Limited. has been awarded Construction of Eight Lane Vadodara Kim Expressway from Km 323.00 to Km 292.00 (Sanpa to Manubar)Section of Vadodara Mumbai Expressway) in the State of Gujarat Under NHDP Phase - VI on Hybrid Annuity Mode (Phase IA- Package III).

The road passes through plain and rolling terrain. Land use is mostly agricultural with Black Cotton soil. The entire length of the project road falls in the state of Gujarat under Bharuch Districts. The Function of expressway is to cater for movement of heavy volumes of motor traffic at high speeds. They connect major points of traffic generation and are intended to serve trips of medium and long length between large residential areas, industrial or commercial concentrations, and the central business district. They are divided highways with high standards of geometric and full or partial control of access and provided generally with grade separation at intersections. Parking, loading and unloading of goods and passengers and pedestrian traffic are not permitted on these highways.

This report covers the activities for the month of September 2019. The Embankment work of the main carriageway is started and 22.4 Km of work is in progress. The overall Physical progress as on 30th September 2019 is assessed to be approximately 18.47%. The financial progress achieved 0th September 2019 is assessed to be 20.18 %.

The Project involves the Eight Lane new alignment with divided carriageway having total 119 structures which include 1-ROB, 1-Flyover, 1-VOP, 3-MJBs.

The Major National Highways and State Highways intersecting the project corridor are NH-228, SH-161.

1.1 Construction progress in current month

Key reporting metrics	Value/ %/ Amount
Scheduled Physical Progress (%)	20.71%
Cumulative Physical Progress up to current month (%)	18.47 %
Physical Progress during current month (%)	0.50 %
Financial progress (%)	20.18 %
Cumulative Expenditure till date (Rs Cr)	304.88 Cr.
Tests passed as % of total tests witnessed by IE	
Number of pending COS proposals	NIL
Amount for pending COS (Rs Cr)	NIL

1.2 Project Synopsis

National Highways Authority of India plans to undertake the Construction of new alignment 8-lane from Sanpa to Manubar from Km 323.00 to Km 292.00 in the State of Gujarat under NHDP Phase-VI on Hybrid Annuity Mode (Length 31.00 Km.) – Package III.

The project involves new alignment from Km 323.00 to Km 292.00 the 8-lane divided carriageway. It includes the construction of bridges, intersections, Connecting roads, culverts and related infrastructure, and the installation of signaling systems and signboards. The project will be developed under National Highways Development Project (NHDP) Phase-VI on Hybrid Annuity Mode.

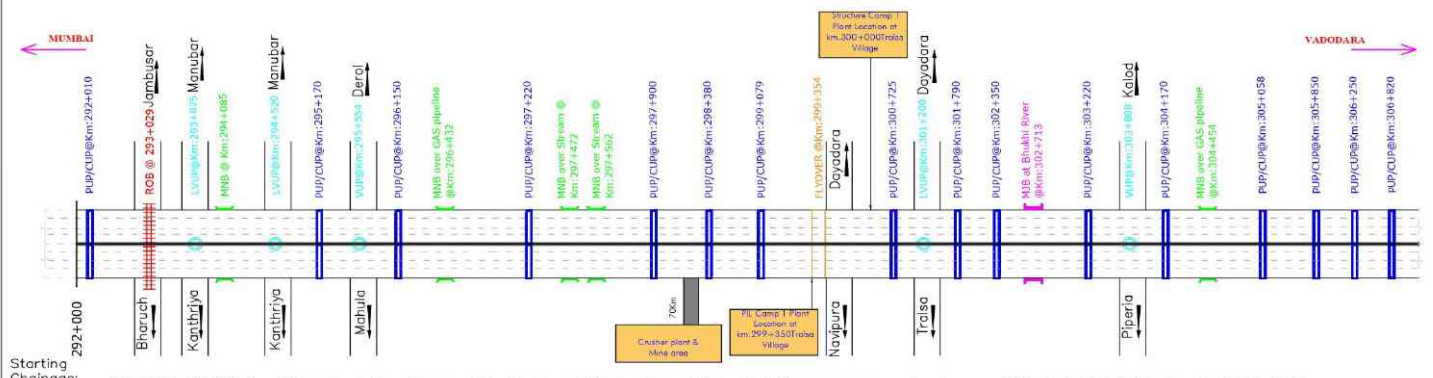
Proposed alignment

Sr.No	Design Chainage		Length	Village	Remark
1	323+000	321+600	1.40	Matar Talpad	
2	321600	318+900	2.70	Suthodara	
3	318+900	317+200	1.70	Danda	
4	317+200	314+300	2.90	Dora	
5	314+300	310+900	3.40	Simartha	
6	310+900	307+750	3.15	Kurchan	
7	307+750	305+550	2.20	Karela	
8	305+550	301+200	4.35	Kelod	
9	301+200	300+500	0.70	Tralsa	
10	300+500	297+550	2.95	Dayadara	
11	297+550	296+050	1.50	Tralsi	
12	296+050	293+850	2.20	Derol	
13	293+850	292+700	1.15	Tham	
14	292+700	292+000	0.70	Manubar	
		Total	31	Km	

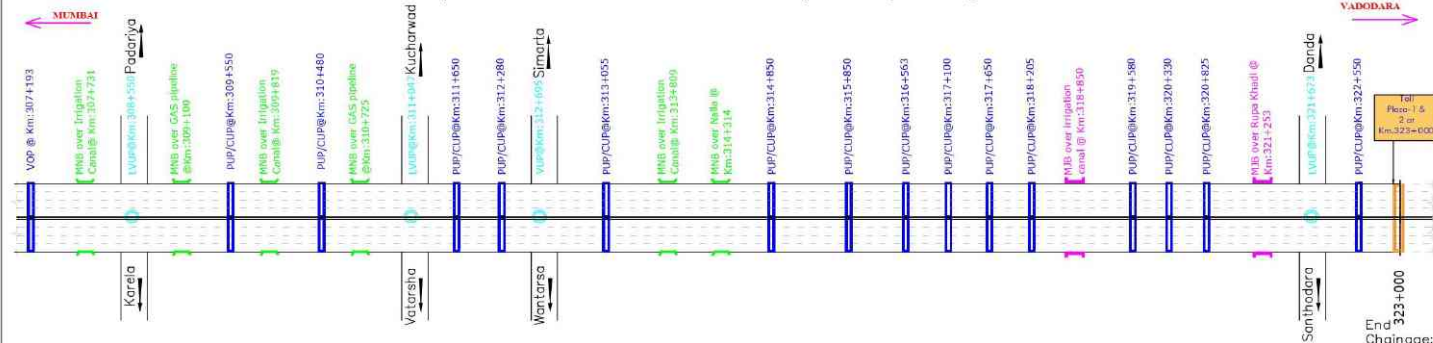
1.3 Strip Plan (Summary)

1. Work front Unavailable & reason for Unavailability			2. Length completed by layer (MCW)			3. Length completed by layer (Service Road)		
	Length (km)	% Total Pending Length		Length (km)	% Total Length		Length (km)	%Total Length
Total Length	31.000	100%	Total Length	31.00	100%	Total Length	-	-
Total Work front Unavailable (A=B+C)	5.515	17.79%	Total Length Completed (Till PQC)	-	-	Total Length Completed (Till DBM)	-	-
Pending Land Acquisition(B)	1.075	3.47%	PQC	-	-	BC	-	-
			DLC	-	-	DBM	-	-
Pending Clearances Encumbrances(Utilities like electrical, water, tree cutting)(C)	4.440	14.32%	GSB	-	-	WMM	-	-
			Sub-Grade	-	-	GSB	-	-
			Embankment (WIP)	22.40	72.25%	Sub-Grade	-	-
			C&G	23.17	74.74%	C&G	-	-

STRIP CHART:- Manubar to Sanpa Section of Vadodara Mumbai Expressway Package-III ch-292.000 to Ch-306.850



STRIP CHART:- Manubar to Sanpa Section of Vadodara Mumbai Expressway Package-III ch-306.850 to ch-323.000



LEGEND:

- Major Bridge(MNB)
- Minor Bridge(MNB)
- Grade Separated Structure (VUP/LVUP)
- Under Pass (PUP/CUP)
- Flyover
- Toll Plaza
- Rigid Pavement
- Railway Over Bridge (ROB)

Salient Features of Project:

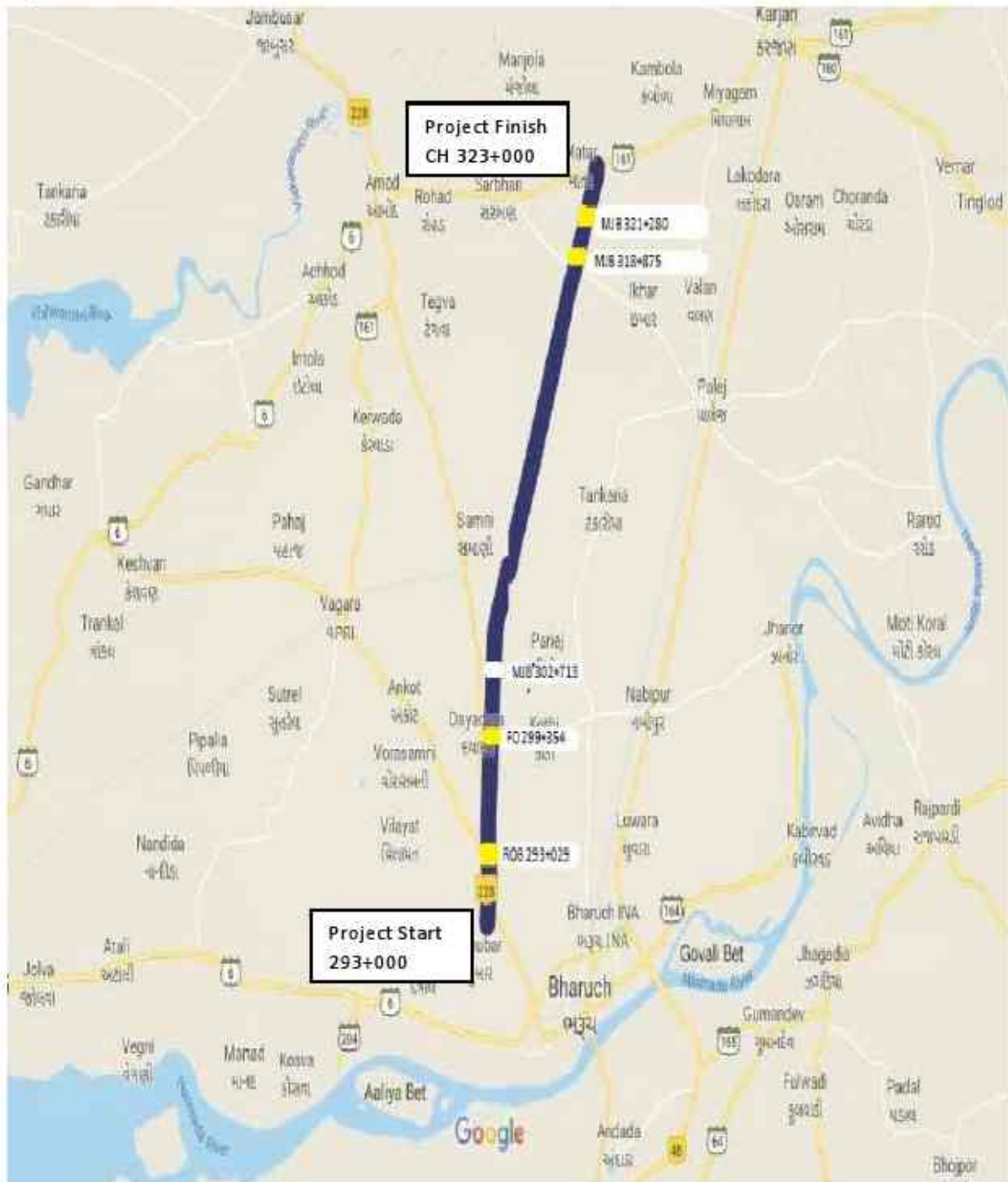
Sl No	Description	Unit	Scope	Sl No	Description	Unit	Scope	Sl No	Description	Unit	Scope
1	Total Length of Project	Km	31.850	1	Box Culvert	No.	01	1	Box Culvert	No.	01
2	Length of Concrete Road	Km	1.485	2	Minor Bridge (over stream)	No.	02	2	Minor Bridge (over stream)	No.	02
3	Length of Open Road at VOP	Km	0.350	3	MNB over GAS Pipeline	No.	04	3	Toll Plaza	No.	01
4	Culverts	No.	01	4	Major Bridge	No.	03	4	Major Bridge	No.	03
5	Box Culvert for Cross drainage	No.	01	5	VOP/PUP/CUP	No.	31	5	VOP/PUP/CUP	No.	31
6	Box Culvert for Interchange	No.	01	6	ROB	No.	01	6	ROB	No.	01

Drawing Title

Strip Plan - Manubar to Sanpa Section of Vadodara Mumbai Expressway Package-III CH.-292,000 to CH.-323,000

Date: 14-02-2019 Project No.

Figure1 Location MAP



2.0 Project Overview

2.1 Salient Features of Project

Sr. No.	Component	Remarks
1	Project	Construction of Eight lane Vadodara Kim Expressway from Km Km 323.00 to 292.00 (Sanpa to Manuba Section of Vadodara Mumbai Expressway) in the State of Gujarat under NHDP Phase - VI on Hybrid Annuity Mode (Phase IA-Package III)"
2	Name of the Employer	National Highways Authority of India
3	Name of Concessionaire	Patel Vadodara Kim Expressway Pvt. Ltd.
4	Name of EPC Contractor	Patel Infrastructure Ltd.
5	Independent Engineer	Aarvee Associates Architects Engineers & Consultants Pvt. Ltd
6	Design Consultant	SPECIALIZED ENGINEERING SERVICES PVT. LTD
7	Project Length (In Km)	31.00 Km
8	Date of Concession Agreement	11th May, 2018
9	Appointed Date	08th March 2019
10	Scheduled Date of Completion	07th March 2021
11	Total Project Bid Cost as per CA	1712.00 Cr.
12	Project Cost (60 % of Bid Cost as per article 42)	1027.20 Cr.
13	Construction Period	2 Years (730 days)
14	Maintenance Period	15 Years
15	Total Concession Period	17 Years

2.2 Project Overview

2.2.1 Structures & Other Works

Sr. No.	Feature	Description
1	Major Bridge	03 Nos.
2	Flyover	01 No.
3	ROB	01 No.
4	Minor bridges	11 Nos.
5	Vehicular underpass	03 Nos.
6	Light Vehicular Underpasses	07 Nos.
7	Pedestrian Underpass	30 Nos.
8	Vehicular Overpasses	01 No.
9	Toe Wall/Retaining Wall	1.89 Km
10	RE Wall	26446 Sqm.
11	Culverts (HP/BC)	62 Nos. (35 Nos. Pipe / 27 Nos. Box)
12	Toll Plaza	2 Nos.
13	Truck Parking Facility	02 Nos.
14	Rest Area/Toilet Facility	03 Nos.
15	Helipad	01 No.
16	Emergency Cross Over	06 nos.
17	Noise Barrier	10.5 km
18	Rain Water Harvesting Structures	62 nos.

2.2.2 Highway

Sr. No.	Feature	Description
1	Embankment	29.371 Km
2	Subgrade	29.371 Km
3	G.S.B	29.371 Km
4	D.L.C	29.371 Km
5	P.Q.C	29.371 Km
6	Service Road/Slip Roads	02.430 Km

2.2.3 PROJECT LOCATION

The Project consists of new alignment of 8 lane of Sanpa to Manubar Section of Vadodara Mumbai Expressway. The project road stretch is a part of Vadodara Mumbai Expressway, which covers main cities like Vadodara, Surat, Thane and Mumbai. Major built up areas along the stretch under development are Ankleshwar, Bharuch, Valsad, and Navsari.

2.2.4 PROJECT DESCRIPTION

The road passes through plain and rolling terrain. Land use is mostly agricultural with Black Cotton soil. The entire length of the project road falls in the state of Gujarat under Bharuch Districts. The Function of expressway is to cater for movement of heavy volumes of motor traffic at high speeds. They connect major points of traffic generation and are intended to serve trips of medium and long length between large residential areas, industrial or commercial concentrations, and the central business district. They are divided highways with high standards of geometric and fully control of access and provided generally with grade separation at intersections. Parking, loading and unloading of goods and passengers and pedestrian traffic are not permitted on these highways.

2.3 Project Milestones

Sr. No.	Project Milestone	Period to achieve the Milestone	Required % of Physical & Financial Work Completion to Achieve Milestone	Date of Milestone Achievement as per CA	Financial Progress (INR in Cr.)
1	Milestone - 1	150 th DAY	20%	05/08/2019	342.4
2	Milestone – 2	330 th DAY	35%	01/02/2020	599.2
3	Milestone – 3	480 th DAY	75%	30/06/2020	1284.0
4	Milestone – 4	730 th DAY	100%	07/03/2021	1712.0

2.4 Critical Issues & Action Log

Sr.No	Issue Description	Type	Ongoing/ New Issue/ Resolved	Concerned Authority	Chainage (s) affected due to the issue	Length affected (km)	Action(s) taken till now	Action(s) suggested by the IE	Expected date/ Actual Date for resolving issue
1	Land Acquisition		Ongoing	Details as per 4.1 LA Summary: Page no 36					
2	Utility Shifting		Ongoing	Details as per 4.3 Status of utility shifting: Page no 42					

3.0 Physical Progress

Component	% Weightage	Physical Progress (During Current Month)	Physical Progress (Cumulative Up to Current Month)
Road Work	66.87 %	0.30%	11.1%
Major Bridge Works	17.16 %	0.20%	6.20%
Structures	1.05 %	-	-
Others	14.91%	0.00%	1.171%
Total Physical Progress		0.5%	18.47%

3.0 A)Progress Details as per Schedule-B- Highway

Main Expressway TCS (Appendix B-I (A))

Sr. No.	From	To	Side	Length	TCS Type	Embankment work in Progress
1	292+000	292+600	BHS	600.00	TCS 1	0
2	292+600	292+790	BHS	190.00	TCS 4	0
3	292+790	293+310	BHS	520.00	ROB/Structure	450
4	293+310	293+500	BHS	190.00	TCS 4	140
5	293+500	294+270	BHS	770.00	TCS 1	760
6	294+270	294+520	BHS	250.00	TCS 2	350
7	294+520	299+100	BHS	4580.00	TCS 1	2690
8	299+100	299+350	BHS	250.00	TCS 4/Structure	200
9	299+350	299+750	BHS	400.00	TCS 6/Structure	325
10	299+750	299+770	BHS	20.00	TCS 5	0
11	299+770	306+250	BHS	6480.00	TCS 1	5410
12	306+250	306+380	BHS	130.00	TCS 2	70
13	306+380	308+275	BHS	1895.00	TCS 1	1225
14	308+275	308+550	BHS	275.00	TCS 2	50
15	308+550	311+550	BHS	3000.00	TCS 1	2650
16	311+550	311+750	BHS	200.00	TCS 2	200
17	311+750	314+350	BHS	2600.00	TCS 1	2320
18	314+350	314+510	BHS	160.00	TCS 3	160
19	314+510	318+900	BHS	4390.00	TCS 1	3190
20	318+900	318+980	BHS	80.00	TCS 2	80
21	318+980	322+450	BHS	3470.00	TCS 1	2830
22	322+450	323+000	BHS	550.00	TCS 5	70
Total				31000		23170
Connecting Road (Appendix B-III (A))						
1	299+350	299+750	LHS	400.00	TCS-6	
2	314+350	314+510	LHS	160.00	TCS 3	
3	294+270	294+520	RHS	250.00	TCS 2	

Sr. No.	From	To	Side	Length	TCS Type	Embankment work in Progress
4	306+250	306+380	RHS	130.00	TCS 2	
5	308+275	308+550	RHS	275.00	TCS 2	
6	311+550	311+750	RHS	200.00	TCS 2	
7	318+900	318+980	RHS	80.00	TCS 2	
Cross Road at VOP Locations (Appendix B-I (C))						
1	000+000	000+075		75.00	TCS 8	
2	000+075	000+825		750.00	TCS 9	
3	000+825	000+930		105.00	TCS 8	

3.0 B) STRUCTURE WORKS: -

Sr. No.	Type of Structure	Total No. of Structures	No. of Structures Tackled	No. of Structures Completed	No. of Structures in Balance	
					In Progress	Balance
1	ROB	1	1	0	1	0
2	Major Bridge	3	3	0	3	0
3	Minor Bridges	11	2	0	2	9
4	Flyover	1	1	0	1	0
5	Vehicular Underpass	3	2	0	2	1
6	Light Vehicular Underpass	7	2	0	3	4
7	Cattle Underpass	30	13	0	13	17
8	Vehicular Overpass	1	0	0	0	1
9	Box Culverts	27	6	3	3	21
10	Pipe Culverts	35	28	20	6	7

All Structure works as per CA- Scope vs Progress

Structure Type	Location	Span Arrangement	Pile Group		Pile Cap/ Raft		Pier. Shaft/ Abutment Wall		Abt. cap		RCC Girder		PSC Girder		Slab		Crash Barrier	
			Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp
ROB	293+050	$2 \times (25.525 + 25 + 25.52) + 27.9 + (8 \text{ to } 28.1) \text{ varies} + 1 \times 38 + 44 + (6.00 \text{ to } 26.1) + 3 \times (25.52 + 25 + 25.52)$	42	25.12	42	10	42		42		14		182		34		2097	
MJB	302+732	$\frac{37,847 + 38,045}{5} + 37,847$	8	8	8	8	8		8			42		6		455		
MJB	318+875	$2 \times 32.2 + 1 \times 15.8$ 5	4	2	4	-	8		8		14		28		6		321	
MJB	321+280	2x37.658	6	6	6	6	6		6			28		4		301	0	
FLYOVER	299+375	$\frac{16,859 + 33,201}{1} + 16,859$	8	6	8	1	16		8		28		14		6		268	
VUP	295+575	1x12	-	-	1	-	2		-		-				1		24	
VUP	303+830	1x12	-	-	1	-	2		-		-				1		24	
VUP	312+720	1x12	-	-	1	-	2		-		-				1		24	
VOP	307+193	1x2	3	0	3	-	3		3		-		8		2		24	
MNB	294+105	1x12.880	-	-	2	-	4		-		-		-		2		26	
MNB	296+450	1x27.846	-	-	4	-	4		4		14		-		2		111	
MNB	297+500	1x17.688	-	-	4	-	4		-		-		-		2		35	
MNB	297+580	1x37.341	4	4	4	-	4		4		-		14		2		149	
MNB	304+450	1x22.687	-	-	4	-	4		4		14		-		2		91	
MNB	307+754	1x36.54	4	4	4	-	4		4			14		2		146		
MNB	309+090	1x45.200	4	-	4	-	4		4		-	44		2		181		
MNB	309+873	1x23.688	-	-	4	-	4		4		14		-		2		95	
MNB	310+752	1x21.35	-	-	4	-	4		4		-	44		2		85		
MNB	313+835	1x24.347	-	-	4	-	4		4		14				2		97	
MNB	314+340	1x19.103	-	-	4	-	4		-				-		2		38	

Status of LVUP & PUP

Sr.No.	Type of Structure	Chainage	Span	Side	Status
1	LVUP	293+895	1x10.5	BHS	Not yet Started
2	LVUP	294+550	1x10.5	BHS	
3	LVUP	301+240	1x10.5	BHS	
4	LVUP	308+550	1x10.5	BHS	
5	LVUP	311+047	1x10.5	BHS	BHS Raft Completed, LHS Wall Completed.
6	LVUP	316+563	1x10.5	BHS	Not yet Started
7	LVUP	321+700	1x10.5	BHS	Excavation Done
1	PUP	292+099	1x7.0	BHS	Not yet Started
2	PUP	295+170	1x7.0	BHS	LHS Foundation Done,RHS Raft Completed
3	PUP	295+990	1x7.0	BHS	BHS PCC Done
4	PUP	297+150	1x7.0	BHS	Not yet Started
5	PUP	297+900	1x7.0	BHS	Foundation Completed, Wall work in progress
6	PUP	298+380	1x7.0	BHS	RHS Slab Completed
7	PUP	299+100	1x7.0	BHS	Not yet Started
8	PUP	300+725	1x7.0	BHS	
9	PUP	301+790	1x7.0	BHS	
10	PUP	302+350	1x7.0	BHS	
11	PUP	303+220	1x7.0	BHS	BHS PCC Done, RHS Raft Completed
12	PUP	304+170	1x7.0	BHS	BHS Slab Completed
13	PUP	305+058	1x7.0	BHS	Foundation Completed, Wall work in progress
14	PUP	305+850	1x7.0	BHS	BHS PCC Done , RHS Raft Completed
15	PUP	306+250	1x7.0	BHS	Not yet Started
16	PUP	306+900	1x7.0	BHS	
17	PUP	309+550	1x7.0	BHS	BHS Raft Completed
18	PUP	310+480	1x7.0	BHS	Excavation Done
19	PUP	311+650	1x7.0	BHS	BHS Raft Completed,wall work in progress
20	PUP	312+280	1x7.0	BHS	Excavation Done
21	PUP	313+095	1x7.0	BHS	Not yet Started
22	PUP	314+850	1x7.0	BHS	
23	PUP	315+870	1x7.0	BHS	
24	PUP	316+960	1x7.0	BHS	RHS Excavation Done
25	PUP	317+650	1x7.0	BHS	Not yet Started
26	PUP	318+245	1x7.0	BHS	
27	PUP	319+650	1x7.0	BHS	
28	PUP	320+330	1x7.0	BHS	
29	PUP	320+825	1x7.0	BHS	
30	PUP	322+550	1x7.0	BHS	

Status of Box Culverts

Type of Culvert	Design Chainage As per CA	No of Vent	Span	Height	Status as on 30.09.2019
BC	292+450	1	2.00	2.0	Work yet to start
BC	294+750	2	4.00	4.0	
BC	295+007	1	2.00	2.00	
BC	295+585	1	2.00	2.00	LHS Excavation & PCC Done
BC	296+376	1	3.00	3.00	Work yet to start
BC	299+770	1	3.00	3.00	
BC	300+148	1	3.00	3.00	BHS Wall Work in Progress
BC	301+247	1	2.00	2.00	Work yet to start
BC	303+403	1	3.00	3.00	BHS Slab Completed, Retaining wall works in progress
BC	305+437	1	2.00	2.00	BHS Slab Completed, Retaining wall works in progress
BC	307+709	1	2.00	2.00	Work yet to start
BC	307+789	1	2.00	2.00	
BC	309+030	1	3.00	3.00	
BC	309+840	1	3.00	3.00	
BC	309+892	1	3.00	3.00	
BC	314+148	1	3.00	3.00	BHS Slab Completed, Retaining wall works in progress
BC	315+247	1	5.00	3.00	Work yet to start
BC	316+427	1	2.00	2.00	BHS PCC Done, RHS Raft Done
BC	316+582	1	2.00	2.00	Work yet to start
BC	318+612	1	3.00	3.00	
BC	323+750	1	2.00	2.00	BHS Excavation Done, Ground improvement in Progress
BC	323+087	1	2.00	2.0	Work yet to start
BC	269+883	1	2.00	2.0	
BC	270+373	1	2.00	2.0	
BC	270+731	1	2.00	2.0	
BC	0.250	1	2.00	2.0	
BC	0.650	1	2.00	2.0	

Status of Hume Pipe Culverts		
Type of Culvert	Design Chainage	Status as on 30.09.2019
HPC	293+620	Work yet to start
HPC	294+420	BHS Excavation Done
HPC	295+870	BHS Pipe Laying Done
HPC	296+720	BHS Pipe Laying Done
HPC	298+120	BHS Pipe Laying Done
HPC	298+819	BHS Pipe Laying Done
HPC	300+445	BHS Pipe Laying Done
HPC	300+970	Work yet to start
HPC	301+520	Work yet to start
HPC	302+270	BHS Pipe Laying Done
HPC	302+578	BHS Pipe Laying Done
HPC	303+608	BHS Pipe Laying Done
HPC	304+069	BHS Pipe Laying Done
HPC	304+649	BHS Pipe Laying Done
HPC	307+419	Work yet to start
HPC	307+969	BHS PCC Done
HPC	308+320	BHS PCC Done
HPC	308+794	BHS Pipe Laying Done
HPC	309+368	BHS Pipe Laying Done
HPC	310+119	BHS Pipe Laying Done
HPC	311+329	BHS Pipe Laying Done
HPC	311+969	BHS Pipe Laying Done
HPC	312+679	BHS Pipe Laying Done
HPC	313+369	BHS Pipe Laying Done
HPC	313+812	Work yet to start
HPC	314+669	BHS Pipe Laying Done
HPC	315+719	BHS Excavation Done
HPC	316+069	BHS PCC Done
HPC	316+819	BHS Pipe Laying Done
HPC	317+470	BHS Excavation Done
HPC	319+268	Work yet to start
HPC	319+969	
HPC	320+719	
HPC	322+294	BHS Excavation Done,Ground improvement in Progress
HPC	322+778	BHS Excavation Done,Ground improvement in Progress

3.1 Detailed Scope of Work & Physical Progress by Component

Item	Stage for measurement	Unit	Qty.	Weightage in percentage to Contract Price	Quantity	% of Physical Progress	Remarks
1	2	3	4	5	6	7	8
Road works including culverts, minor bridges, underpasses, overpasses, approaches to ROB/RUB/ Major Bridges/ Structures (but excluding service roads / Connecting road)	A- Widening and strengthening of Existing road						
	1) Earthwork up to top of the subgrade						
	2) Granular work (Sub-base, shoulder) GSB						
	3) Shoulders						
	4) Bituminous work						
	5) Rigid Pavement						
	a) DLC						
	b) PQC						
	6) Widening and repair of culverts						
	7) Widening and repair of minor bridges						
	B- New realignment/bypass						
	(1) Earthwork up to top of the sub-grade	KM	29.371	23.61%	0	8.56%	
	(2) Granular work (sub-base, base, shoulders)						
	(a) GSB	KM	29.371	2.82%			
	(3) Shoulders	KM	29.371	0.79%			
	(4) Bituminous work						
	(5) Rigid Pavement						
	(a) DLC	KM	29.371	3.14%			
	(b) PQC	KM	29.371	19.21%			
	C- New culverts, minor bridges, underpasses, overpasses on existing road, realignments, bypasses:						
	(1) Culverts (Pipe & Box)	No.	62	2.60%	23	0.67%	
	(2) Minor bridges						
	(a) Foundation	No.	42	2.17%	0	0.34%	
(b) Sub-Structure	No.	44	1.07%				
(c) Super- Structure	No.	22	1.79%				

Item	Stage for measurement	Unit	Qty.	Weightage in percentage to Contract Price	Quantity	% of Physical Progress	Remarks
1	2	3	4	5	6	7	8
	(including crash barrier etc. complete)						
	(3) Cattle/Pedestrian underpasses						
	(a) Foundation	No.	30	2.73%	8	0.74%	
	(b) Sub-Structure	No.	60	1.19%	3	0.06%	
	(c) Super- Structure (including crash barrier etc. complete)	No.	30	1.79%	1.5	0.06%	
	(4) Pedestrian overpasses			Not in Scope			
	(a) Foundation	No.	0	-			
	(b) Sub-Structure	No.	0	-			
	(c) Super- Structure (including crash barrier etc. complete)	No.	0	-			
	(5) Grade separated structures						
	(a) Underpasses (VUP & LVUP)						
	(a) Foundation	No.	10	0.71%	1.5	0.11%	
	(b) Sub-Structure	No.	20	0.43%	1	0.02%	
	(c) Super- Structure (including crash barrier etc. complete)	No.	10	0.48%			
	(b) Overpass (VOP)						
	(a) Foundation	No.	3	0.11%			
	(b) Sub-Structure	No.	3	0.01%			
	(c) Super- Structure (including crash barrier etc. complete)	No.	2	0.11%			
	(c) Flyover						
	(a) Foundation	No.	8	1.02%	1	0.53%	
	(b) Sub-Structure	No.	8	0.42%			
	(c) Super- Structure (including crash barrier etc. complete)	No.	6	0.65%			
	(d) Foot Over Bridge			Not in Scope			
Major Bridge works and ROB/RUB	A - Widening and repairs of Major Bridges			Not in Scope			
	(a) Foundation						
	(a) Open Foundation	No.	0	-			
	(b) Pile Foundation/Well Foundation	No.	0	-			

Item	Stage for measurement	Unit	Qty.	Weightage in percentage to Contract Price	Quantity	% of Physical Progress	Remarks
1	2	3	4	5	6	7	8
	(b) Sub-Structure	No.	0	-			
	(c) Super- Structure (including crash barrier etc. complete)	No.	0	-			
	B - Widening and repairs of						
	a) ROB			Not in Scope			
	(a) Foundation						
	(a) Open Foundation	No.	0	-			
	(b) Pile Foundation/Well Foundation	No.	0	-			
	(b) Sub-Structure	No.	0	-			
	(c) Super- Structure (including crash barrier etc. complete)	No.	0	-			
	b) RUB			Not in Scope			
	(a) Foundation	No.	0	-			
	(b) Sub-Structure	No.	0	-			
	(c) Super- Structure (including crash barrier etc. complete)	No.	0	-			
	C- New Major Bridges						
	(a) Foundation	No.			14.00	3.27%	
	(a) Open Foundation	No.	0	-			
	(b) Pile Foundation/ Well Foundation	No.	22	4.74%			
	(b) Sub-Structure	No.	22	0.54%			
	(c) Super- Structure (including crash barrier etc. complete)	No.	16	1.86%			
	D- New rail-road bridges						
	(a) ROB						
	(a) Foundation	No.	42	6.22%	10	2.93%	
	(b) Sub-Structure	No.	42	0.96%			
	(c) Super- Structure (including crash barrier etc. complete)	No.	40	2.85%			
	(b) RUB			Not in Scope			
	(a) Foundation	No.	0	-			
	(b) Sub-Structure	No.	0	-			
	(c) Super- Structure (including	No.	0	-			

Item	Stage for measurement	Unit	Qty.	Weightage in percentage to Contract Price	Quantity	% of Physical Progress	Remarks
1	2	3	4	5	6	7	8
	crash barrier etc. complete)						
Structures (elevated sections, reinforced earth, Interchange)	Interchange			Not in Scope			
	(a) Foundation	No.	0	-			
	(b) Sub-Structure	No.	0	-			
	(c) Super- Structure (including crash barrier etc. complete)	No.	0	-			
	(d) Reinforced earth Wall (includes Approaches of ROB, Underpasses, Overpasses, Flyover etc)	Sqm	26446	1.05%			
Other works	(i) Service roads/ Slip Roads / Connecting Road	KM	2.425	0.47%			
	(ii) Toll Plaza	No.	2	0.92%			
	(iii) Road side drains	KM	29.371	1.27%			
	(iv) Road signs, markings, km stones, safety devices,						
Other works	(a) Road signs, markings, km stones, Road Delineators, Reflective Pavement Markers & Solar Studs, Traffic Impact Attenuators, Road Boundary Stone, Kilometer and Hectometer Stones.	KM	31.000	1.05%			
	(b) Concrete Crash Barrier / W- Beam Crash Barrier / Thrie Beam Steel Barriers in road works	KM	29.371	1.07%			
	(v) Project facilities						
	(a) Bus Bays	No.	0	-			
	(b) Truck Lay-byes	No.	2	1.00%			
	(c) Rest areas	No.	3	1.09%			
	(d) Operation & Maintenance Centre	No.	1	0.25%			
	(e) Lighting	KM	31.000	0.74%			
	(f) ATMS	KM	31.000	0.42%			
	(g) Noise Barrier	KM	10.500	0.37%			
(h) Rain Water Harvesting Structure	No.	62	0.07%				

Item	Stage for measurement	Unit	Qty.	Weightage in percentage to Contract Price	Quantity	% of Physical Progress	Remarks
1	2	3	4	5	6	7	8
	(i) Fencing	KM	29.371	1.01%			
	(j) Utilities (future ducts)	No.	62	0.22%	22.00	0.077%	
Other works	(vi) Repairs to bridges/structures			Not in Scope			
	(vii) Land Scaping and Tree plantation	KM	29.371	0.26%			
	(viii) Protection works						
	(a) Boulder Pitching/Turfing /other protection measures on slopes	KM	29.371	0.45%			
	(b) Toe/Retaining wall	KM	1.890	2.85%	0.11	0.17%	
	(ix) Tunnel			Not in Scope			
	(a) Excavation	Meter	0	-			
	(b) Construction of support system including Rock bolting, lining etc.	Meter	0	-			
	(c) On Complete completion of Tunnel	Meter	0	-			
	(x) Miscellaneous						
	(a) Overhead Signs	KM	31.000	0.18%			
	(b) Traffic Aid Booth	No.	1	0.016%			
	(c) Medical Aid Booth	No.	1	0.016%			
	(d) Emergency Cross Over	No.	6	0.016%			
	(d) Helipad	No.	1	0.016%			
	(d) Others (Wearing Course, Kerb, ROW establishment)	KM	31.000	1.17%	31	0.93%	
	Total			100.00%		18.47%	

3.1.1 : Details breakup of physical progress

Item No,	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (30.09.2019)	
					Quantity	Percentage Progress
1	2	3	7	9		
1	Earth Work upto Top of Subgrade					
1.1	Clearing and grubbing of -MCW	Hec	29.37	0.040%	23.17	0.0316%
1.2	Carrying out Jungle Cutting/ removal of debris / dismantling of Concrete Structure / Dismantling of existing road / Removal of any Physical item	M2	29.37	2.159%	23.17	1.7034%
1.3	Earth work in excavation necessary	Cu.m.	29.37	0.012%		0.0000%
1.4	Construction of embankment - MCW Height upto 1 Mtr	Cu.m.	29.37	5.738%	18.06	3.5273%
1.5	Construction of embankment - MCW Height 1 mtr to 2 Mtr	Cu.m.	29.37	4.782%	12.70	2.0676%
1.6	Construction of embankment - MCW Height 2 mtr to 3 Mtr	Cu.m.	29.37	3.825%	8.02	1.0445%
1.7	Construction of embankment - MCW Height 3 mtr to Emb top Bottom	Cu.m.	29.37	2.869%	1.49	0.1451%
1.8	Construction of embankment - MCW Embankment Top	Cu.m.	29.37	1.913%	0.64	0.0414%
1.9	Construction of Sub grade - MCW	Cu.m.	29.37	2.274%		0.0000%
2	Grannular Sub Base Courses and Base Courses					
2.1	Constructing Grannular Sub-	Cu.m.	29.37	2.820%		

Item No,	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (30.09.2019)	
					Quantity	Percentage Progress
	base					
3	Shoulders					
3.1	Earthwork in filling of median / island area	Cu.m.	29.37	0.132%		
3.2	Construction of modified Earthen / un paved shoulders	Cu.m.	29.37	0.019%		
3.3	Providing min 200 mm dia NP4 pipes along the road in 2 Rows in shoulder	LM	29.37	0.638%		
4	Rigid Pavement					
4.01	Providing xxx mm thick DLC (M15) for CW	Cum	29.37	3.143%		
4.02	Providing xxx mm thick PQC for CW	Cum	29.37	19.214%		
5	Pipe Culverts					
5.01	Culvert Excavation	Cum	35.00	0.006%	28.50	0.0047%
5.02	Culvert PCC M15 grade	Cum	35.00	0.100%	28.50	0.0812%
5.03	Providing , laying and jointing NP4 (as per IS458) Hume pipes for culverts, - Dia 1200 mm (Internal)	LM	35.00	0.555%	20.50	0.3253%
5a	Box Culverts					
5.01a	Culvert Excavation	Cum	27.00	0.020%	6.50	0.0049%
5.02a	Culvert PCC M15 grade	Cum	27.00	0.159%	5.00	0.0294%
5.03a	Foundation RCC M 30 - Culvert	Cum	27.00	0.369%	4.50	0.0615%
5.04a	HYSB bar in Foundation-Culvert	MT	27.00	0.443%	4.50	0.0738%
5.05a	Substructure RCC M 30 - Culvert	Cum	27.00	0.271%	3.00	0.0301%

Item No,	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (30.09.2019)	
					Quantity	Percentage Progress
5.06a	HYSD bar in Substructure-Culvert	MT	27.00	0.247%	3.00	0.0274%
5.07a	Super Structure RCC M 30 - Culvert	Cum	27.00	0.140%	3.00	0.0155%
5.08a	HYSD bar in Super Structure-Culvert	MT	27.00	0.117%	3.00	0.0130%
5.09a	Finishing Work (10% cost of overall work)	Nos.	27.00	0.177%		0.0000%
6A	Bill No: 6A Minor Bridges					
6A,01	Structure excavation Ordinary and soft Soils- MNBR	Cum	42.00	0.050%	8.00	0.0096%
6A,02	MNBR- PCC M15 grade	Cum	42.00	0.108%	3.00	0.0077%
6A,03	MNBR- RCC M35 - Foundation	Cum	34.00	0.808%		0.0000%
6A,04	HYSD bar reinforcement - Foundation	Mt	34.00	0.954%	5.00	0.1403%
6A,05	MNBR- RCC M35 File Cap	Cum	8.00	0.082%	1.00	0.0102%
6A,06	MNBR- RCC M35 1.2m dia piles	Rm	8.00	0.171%	8.00	0.1710%
6A,07	MNBR- RCC M35- Substructure Abutment	Cum	44.00	0.408%	-	0.0000%
6A,08	HYSD bar reinforcement - substructure Abutment	Mt	44.00	0.411%	-	0.0000%
6A,09	MNBR- RCC M35 - Abutment Cap	Cum	44.00	0.117%	-	0.0000%
6A,10	HYSD bar reinforcement - Abutment cap	Mt	44.00	0.133%	-	0.0000%
6A,11	RCC M35 - RCC Girder	Cum	10.00	0.108%	-	0.0000%
6A,12	PSC M45 - PSC Girder	Cum	8.00	0.219%	-	0.0000%

Item No,	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (30.09.2019)	
					Quantity	Percentage Progress
6A,13	HYSB bar reinforcement - Super structure Girder	Mt	18.00	0.541%	-	0.0000%
6A,14	HT Steel for PSC Girder	Mt	8.00	0.298%	-	0.0000%
6A,15	RCC M35 - SLAB	Cum	22.00	0.254%	-	0.0000%
6A,16	HYSB bar reinforcement - SLAB	Mt	22.00	0.367%	-	0.0000%
6B	Bill No. 6B : PUP					
6B,01	Structure excavation Ordinary and soft Soils- PUP	Cum	30.00	0.023%	12.50	0.0094%
6B,02	PUP- FCC M15 grade Levelling course	Cum	30.00	0.161%	10.00	0.0536%
6B,03	PUP- RCC M35 Raft	Cum	30.00	1.108%	8.00	0.2956%
6B,04	HYSB bar reinforcement - RAFT	Mt	30.00	1.439%	8.00	0.3838%
6B,05	PUP RCC M35 Wall	Cum	60.00	0.618%	3.00	0.0309%
6B,06	HYSB bar reinforcement - Wall	Mt	60.00	0.575%	3.00	0.0287%
6B,07	PUP- RCC M35 - TOP Slab	Cum	30.00	0.616%	1.50	0.0308%
6B,08	HYSB bar reinforcement - TOP Slab	Mt	30.00	0.651%	1.50	0.0326%
6B,09	Finishing Work (10% cost of overall work)	Nos	30.00	0.524%		
6C	Bill No. 6C : VUP					
6C,01	Structure excavation Ordinary and soft Soils- VUP	Cum	3.00	0.003%	2.00	0.0018%
6C,02	VUP- FCC M15 grade - Levelling course	Cum	3.00	0.012%	1.00	0.0039%
6C,03	VUP - RCC M35 - Raft	Cum	3.00	0.088%	0.50	0.0146%
6C,04	HYSB bar reinforcement - Raft	Mt	3.00	0.114%	0.50	0.0190%
6C,05	VUP- RCC M35 - WALL	Cum	6.00	0.079%	-	

Item No,	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (30.09.2019)	
					Quantity	Percentage Progress
6C,06	HYSO bar reinforcement - WALL	Mt	6.00	0.073%	-	
6C,07	RCC M35 - TOP SLAB	Cum	3.00	0.088%	-	
6C,08	HYSO bar reinforcement - TOP Slab	Mt	3.00	0.076%	-	
6D	Bill No. 6D : LVUP					
6D,01	Structure excavation Ordinary and soft Soils- LVUP	Cum	7.00	0.005%	2.50	0.0017%
6D,02	LVUP- PCC M15 grade levelling course	Cum	7.00	0.029%	1.50	0.0062%
6D,03	LVUP- RCC M35 Raft	Cum	7.00	0.200%	1.00	0.0286%
6D,04	HYSO bar reinforcement - Raft	Mt	7.00	0.260%	1.00	0.0371%
6D,05	LVUP- RCC M35 - Wall	Cum	14.00	0.142%	1.00	0.0101%
6D,06	HYSO bar reinforcement - WALL	Mt	14.00	0.132%	1.00	0.0094%
6D,07	LVUP- RCC M35 - Top Slab	Cum	7.00	0.171%	-	
6D,08	HYSO bar reinforcement - TOP Slab	Mt	7.00	0.147%	-	
6E	Bill No. 6E: VOP					
6E,01	Structure Excavation for foundation of VOP	Cum	3.00	0.000%		
6E,02	Foundation PCC M15 grade for levelling course	Cum	3.00	0.001%		
6E,04	HYSO bar reinforcement - Foundation	Mt	3.00	0.049%		
6E,05	RCC M35 Pile Cap	Cum	3.00	0.011%		
6E,06	RCC M35 1.2m dia piles	Rm	3.00	0.045%		
6E,07	RCC M35 - ABUTMENT/Return Wall	Cum	2.00	0.002%		

Item No,	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (30.09.2019)	
					Quantity	Percentage Progress
6E,08	HYSD bar reinforcement - ABUTMENT/Return Wall	Mt	2.00	0.002%		
6E,09	RCC M35 - ABUTMENT CAP	Cum	2.00	0.002%		
6E,10	HYSD bar reinforcement - ABUTMENT CAP	Mt	2.00	0.003%		
6E,11	RCC M35 - FIER	Cum	1.00	0.001%		
6E,12	HYSD bar reinforcement - FIER	Mt	1.00	0.001%		
6E,13	RCC M35 - FIER CAP	Cum	1.00	0.001%		
6E,14	HYSD bar reinforcement -FIER CAP	Mt	1.00	0.002%		
6E,15	HYSD bar reinforcement - Super structure Girder	Mt	2.00	0.046%		
6E,16	HT Steel for PSC - Girder	Mt	2.00	0.031%		
6E,17	PSC M45 - Box Girder/PSC Girder	Cum	2.00	0.023%		
6E,18	M-35 for SLAB super structure	Cum	2.00	0.014%		
6F	Bill No: 6F Flyover					
6F,01	Structure excavation Ordinary and soft Soils- Flyover	Cum	8.00	0.003%	6	0.0019%
6F,02	Flyover - PCC M15 grade - levelling course under fdn.	Cum	8.00	0.005%	2	0.0012%
6F,03	HYSD bar reinforcement - Foundation	Mt	8.00	0.531%	3.5	0.2321%
6F,04	RCC M35 Pile Cap	Cum	8.00	0.104%	1	0.0130%
6F,05	RCC M35 1.2m dia piles	Rm	8.00	0.380%	6	0.2850%
6F,06	RCC M35 - ABUTMENT	Cum	4.00	0.043%	-	0.0000%
6F,07	HYSD bar reinforcement - ABUTMENT	Mt	4.00	0.053%	-	0.0000%

Item No,	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (30.09.2019)	
					Quantity	Percentage Progress
6F,08	RCC M35 - ABUTMENT CAP	Cum	4.00	0.029%	-	0.0000%
6F,09	HYSD bar reinforcement - Abutment cap	Mt	4.00	0.049%	-	0.0000%
6F,10	RCC M35 - Pier Substructure	Cum	4.00	0.034%	-	0.0000%
6F,11	HYSD bar reinforcement - Pier Substructure	Mt	4.00	0.053%	-	0.0000%
6F,12	RCC M35 - Pier CAP	Cum	4.00	0.059%	-	0.0000%
6F,13	HYSD bar reinforcement - Pier CAP	Mt	4.00	0.101%	-	0.0000%
6F,14	RCC M35 - RCC Girder	Cum	4.00	0.029%	-	0.0000%
6F,15	PSC M45 - Girder	Cum	2.00	0.048%	-	0.0000%
6F,16	HYSD bar reinforcement - Girder	Mt	6.00	0.133%	-	0.0000%
6F,17	HT Steel for PSC - Girder	Mt	2.00	0.066%	-	0.0000%
6F,18	RCC M35 - SLAB	Cum	6.00	0.077%	-	0.0000%
6F,19	HYSD bar reinforcement - SLAB	Mt	6.00	0.116%	-	0.0000%
6F,20	Finishing Work (10% cost of overall work)	Nos	6.00	0.184%	-	0.0000%
6G	Bill No: 6G Major Bridges					
6G,01	Structure excavation Ordinary and soft Soils- MJB	Cum	22.00	0.012%	16.00	0.0091%
6G,02	Major Bridge PCC M15 grade - Levelling course	Cum	22.00	0.023%	15.00	0.0158%
6G,03	HYSD bar reinforcement - Foundation	Mt	22.00	2.534%	15.00	1.7274%
6G,04	RCC M35 File Cap	Cum	22.00	0.646%	14.00	0.4108%
6G,05	RCC M35 1.2m dia piles	Rm	22.00	1.523%	16.00	1.1077%

Item No,	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (30.09.2019)	
					Quantity	Percentage Progress
6G,06	RCC M35 - Abutment substructure	Cum	12.00	0.091%		
6G,07	HYSD bar reinforcement - Abutment Substructure	Mt	12.00	0.092%		
6G,08	RCC M35 - ABUTMENT CAP	Cum	12.00	0.030%		
6G,09	HYSD bar reinforcement - ABUTMENT CAP	Mt	12.00	0.034%		
6G,10	RCC M35 - Pier Substructure	Cum	10.00	0.034%		
6G,11	HYSD bar reinforcement - Pier Substructure	Mt	10.00	0.052%		
6G,12	RCC M35 - Pier CAP	Cum	10.00	0.082%		
6G,13	HYSD bar reinforcement - Pier CAP	Mt	10.00	0.126%		
6G,14	PSC M45 - Girder	Cum	16.00	0.239%		
6G,15	HYSD bar reinforcement -Girder	Mt	16.00	0.316%		
6G,16	HT Steel for PSC -Girder	Mt	16.00	0.314%		
6G,17	RCC M35 - SLAB	Cum	16.00	0.163%		
6G,18	HYSD bar reinforcement - SLAB	Mt	16.00	0.245%		
6G,19	Finishing Work (10% cost of overall work)	Nos.	16.00	0.583%		
6H	Bill No. 6H : ROB					
6H,01	Structural Excavation in ROB foundation	Cum	42.00	0.016%	25.12	0.0095%
6H,02	ROB - Foundation PCC M15 grade Levelling course	Cum	42.00	0.030%	12.00	0.0085%
6H,03	HYSD bar reinforcement - Foundation	Mt	42.00	3.038%	17.56	1.2702%
6H,04	RCC M35 File Cap	Cum	42.00	0.652%	10.00	0.1553%

Item No,	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (30.09.2019)	
					Quantity	Percentage Progress
6H,05	RCC M35 1.2m dia piles	Rm	42.00	2.485%	25.12	1.4860%
6H,06	RCC M35 - ABUTMENT/Return Wall	Cum	4.00	0.017%		
6H,07	HYSD bar reinforcement - ABUTMENT/Return Wall	Mt	4.00	0.021%		
6H,08	RCC M35 - ABUTMENT CAP	Cum	4.00	0.011%		
6H,09	HYSD bar reinforcement - ABUTMENT CAP	Mt	4.00	0.018%		
6H,10	RCC M35 - FIER	Cum	38.00	0.178%		
6H,11	HYSD bar reinforcement - FIER	Mt	38.00	0.276%		
6H,12	RCC M35 - FIER CAP	Cum	38.00	0.163%		
6H,13	HYSD bar reinforcement - Fier CAP	Mt	38.00	0.278%		
6G,14	PSC M45 - Girder	Cum	40.00	0.225%		
6G,15	HYSD bar reinforcement -Girder	Mt	40.00	0.290%		
6G,16	HT Steel for PSC -Girder	Mt	40.00	0.306%		
6H,14	RCC M35 - SLAB	Cum	40.00	0.237%		
6H,15	HYSD bar reinforcement - SLAB	Mt	40.00	0.352%		
6H,16	Providing and Fixing Steel Girder for Superstructure as per Technical Specification	Mt	4.00	0.904%		
6H,17	Finishing Work (10% cost of overall work)	Nos	40.00	0.531%		
7	Reinforced Earth Wall					
7.01	PCC For RE Wall Foundation	Cum	26,446.00	0.008%		
7.02	Providing RCC Facia Panel / Block	Sqm	26,446.00	0.431%		

Item No,	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (30.09.2019)	
					Quantity	Percentage Progress
7.03	Filter media behind RE walls	Cum	26,446.00	0.101%		
7.04	Construction of embankment with Reinforced Earth	Cum	26,446.00	0.270%		
7.05	RCC crash barrier with friction slab M 40	Rmt	3,952.02	0.243%		
8	Service roads/ Slip Roads					
8.01	Construction of Subgrade	Cum	2.43	0.054%		
8.02	Construction of GSB	Cum	2.43	0.111%		
8.03	Constructing Wet Mix Macadam base	Cu.m.	2.43	0.145%		
8.04	Primer coat - Connecting road	Sqm	2.43	0.009%		
8.05	Tack coat -1 - Connecting road	Sqm	2.43	0.003%		
8.07	Dense Bituminous Macadam course- Connecting road	Cu.m.	2.43	0.045%		
8.08	Bituminous Concrete - Connecting Road	Cu.m.	2.43	0.102%		
9	Bill No.9: Toll Plaza					
9.01	Clearing and grubbing - Toll Plaza	Hec	2.00	0.000%		
9.02	Construction of embankment - Toll Plaza	Cum	2.00	0.096%		
9.03	Construction of Subgrade - Toll Plaza	cum	2.00	0.021%		
9.04	Constructing Grannular Sub-base - Toll Plaza	Cu.m.	2.00	0.025%		
9.05	Providing xxx mm thick DLC (M15) for Toll plaza	cum	2.00	0.036%		
9.06	Providing xxx mm thick PQC for	cum	2.00	0.241%		

Item No,	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (30.09.2019)	
					Quantity	Percentage Progress
	Toll plaza					
9.07	Providing and fixing of Tool booth	Nos.	2.00	0.018%		
9.08	Roof over Toll plaza	Sq.m	2.00	0.046%		
9.09	Operation & Office building at toll plaza	Sq.m	1.00	0.127%		
9.11	Toll plaza sign boards	LS	2.00	0.100%		
9.12	Toll Plaza Facilities	LS	2.00	0.207%		
9	Total Toll Plaza					
9.10	Providing operational and maintenance Center	No.	1.00	0.249%		
9.11	Traffic Aid Booth	Sqm	1.00	0.016%		
9.12	Medical Aid Booth	Sqm	1.00	0.016%		
10	DRAINAGE					
10.01	Drain Excavation	Cu.m.	29.37	0.060%		
10.02	Drain Lining	cum	29.37	0.419%		
10.03	RCC M 20 Grade Dain	Cum	29.37	0.247%		
10.04	HYSB bar reinforcement	Mt	29.37	0.108%		
10.05	Construction of chute lined drain in shoulder	LM.	29.37	0.377%		
10.06	Construction of energy dissipation basin and sumps	Nos.	29.37	0.062%		
11	Bill No. 11: Traffic signs, Road markings and other road appurtunences					
11.01a	Providing Kerb M-20 grade	LM.	29.37	0.213%		
11.01b	Painting on Kerbs	Sq.m	29.37	0.013%		

Item No,	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (30.09.2019)	
					Quantity	Percentage Progress
11.02a	Supplying & Fixing Sign Boards	KM	31.00	0.556%		
11.03a	Pavement marking	Sq.m	31.00	0.268%		
11.05a	Providing lighting including all	Nos	31.00	0.742%		
11.06	Overhead Signs	Nos	31.00	0.18%		
b)	W-Beam Crash Barrier in Road work					
11.06b	Providing and erecting "W" metal beam crash barrier	LM.	29.37	1.070%		
12	Wayside Amenities/ Rest Area					
12.01	Truck Parking service area	LS	2.00	0.996%		
12.02	Smaller Parking service area	LS	3.00	1.091%		
13	Road Side Plantation					
	Land Scaping and Tree plantation	LS	29.37	0.258%		
14	PROTECTION WORKS					
I	Boulder pitchin on slopes					
A	Providing and laying stone pitching on embankment slopes	cum	29.37	0.321%		
B	Providing and laying filter media underneath stone pitching	cum	29.37	0.133%		
II	Toe/Retaining wall					
A	Excavation of Retaining Wall + Toe Wall	Cu.m.	1.89	0.028%	0.15	0.00%
B	M-15 PCC Retaining Wall + Toe Wall	Cu.m.	1.89	0.077%	0.15	0.01%
C	M-25 Retaining Wall + Toe Wall	Cum	1.89	1.484%	0.11	0.09%

Item No,	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (30.09.2019)	
					Quantity	Percentage Progress
D	HYSD - Retaining Wall + Toe Wall	MT	1.89	1.265%	0.11	0.07%
15	MISCELLANEOUS WORKS					
III	Fencing Work					
A	Providing Chain Link Fencing in ROW	LM.	29.37	1.009%	-	-
B	Providing & Flacing Noise Barrier	KM	9.30	0.366%		-
15.01	Providing Advanced Traffic Management Systems (ATMS)	Km.	31.00	0.421%		-
15.02	Providing min 600 mm dia NP4 pipes across the road for utility work	Nos.	62	0.216%	22	0.077%
15.03	Providing Rain Water Harvesting arrangement as shown in drawing with all materials etc., with all lifts and leads complete as directed by the engineer	Nos.	62.00	0.068%		
	Others					
15.04	Wearing courses	Sqm	31.00	0.241%		
15.05	ROW Survey, centerline fixing along with fixing of ROW pillar and obtaining pusion of ROW.....	Km	31.00	0.926%	31.00	0.926%
15.06	Emergency Cross Over	Nos.	6.00	0.016%		
15.07	Helipad	Nos.	1.00	0.016%		
	Total Amount					18.47%

4.0 Land Acquisition and Clearance

4.1 LA Summary: - A)Length Wise:

Land Acquisition Status										
Sr.No	CHAINAGE		LENGTH (KM)	VILLAGE	SURVEY NO	Owner Name	CLEAR LENGTH (KM)	UNCLEAR LENGTH (KM)	Annexure- G	
	FROM	TO							SIDE	REMARKS
1	292+000	293+410	1.410				1.410			
2	293+410	293+510	0.100	Tham	231	Huriben wd/o Vail bagas and others	0.100		LHS	
3	293+510	296+350	2.840				2.840			
4	296+350	296+450	0.100	Derol	519	Maniben Wd/o Gambhirsinh Dadabhai and others		0.100	BHS	
5	296+450	297+380	0.930				0.930			
6	297+380	297+455	0.075	Dayadra	504	Ismailbhai Ahmadbhai Isabhai and others	0.075		LHS	
7	297+455	297+600	0.145				0.145			
8	297+600	297+630	0.030	Dayadra	481	Musabhai Ahmadbhai Mata	0.030		RHS	
9	297+630	297+660	0.030				0.030			
10	297+660	297+705	0.045	Dayadra	462,463,465,466,467,468	Umarejibhai Ahamed Valibhai and others, Salim Yusuf Ibrahimbhai Mahanmadbhai and others	0.045		BHS	
11	297+705	297+805	0.100				0.100			
12	297+805	297+875	0.070	Dayadra	469	Ikbai Ahmad isa	0.070		RHS	
13	297+875	298+070	0.195				0.195			
14	298+070	298+135	0.065	Dayadra	435	Ahmadbhai Amjibhai Mithabhai	0.065		RHS	
15	298+135	298+520	0.385				0.385			
16	298+520	298+540	0.020	Dayadra	540	Ismail Aadam Wali and others	0.020		RHS	
17	298+540	298+710	0.170				0.170			
18	298+710	298+750	0.040	Dayadra	356	Gulambhai Ahmadbhai Mahanmadbhai and others	0.040		LHS	
19	298+750	298+875	0.125				0.125			
20	298+875	299+000	0.125	Dayadra	547	Aadambhai Musabhai Aamanjibhai		0.125	BHS	
21	299+000	299+360	0.360				0.360			
22	299+360	299+505	0.145	Dayadra	563,565/A	Usmanbhai Sulemanbhai Adambhai and others, Bibiben Wd/o Valibhai Isabhai and others	0.145		BHS	
23	299+505	299+650	0.145				0.145			
24	299+650	299+680	0.030	Dayadra	567/B	Valibhai Yusufbhai Isabhai and others	0.030		RHS	

Land Acquisition Status										
Sr.No	CHAINAGE		LENGTH (KM)	VILLAGE	SURVEY NO	Owner Name	CLEAR LENGTH (KM)	UNCLEAR LENGTH (KM)	Annexure-G	
	FROM	TO							SIDE	REMARKS
25	299+680	299+710	0.030				0.030			
26	299+710	299+820	0.110	Dayadra	569/A, 569/B	Zubedaben Wd/o Mahmadbhai Valibhai and others	0.110		BHS	
27	299+820	300+915	1.095				1.095			
28	300+915	301+000	0.085	Traisa		Haji Ibrahim Ismail Kothivala and others	0.085		BHS	
29	301+000	301+110	0.110				0.110			
30	301+110	301+150	0.040	Traisa		Haji Ibrahim Ismail Kothivala and others	0.040		BHS	
31	301+150	301+640	0.490				0.490			
32	301+640	301+850	0.210	Kelod	253/A	Mahmad Musabhai Vali Kalabhai and others		0.210	BHS	
33	301+850	305+000	3.150				3.150			
34	305+000	305+080	0.080	Pipaliya	213	Rashid Musa Ali and others	0.080		RHS	
35	305+080	305+155	0.075				0.075			
36	305+155	305+210	0.055	Pipaliya	215	Rashid Musa Ali and others	0.055		RHS	
37	305+210	306+050	0.840				0.840			
38	306+050	306+155	0.105	Karela	120	Thakorbhai Lalubhai and others	0.105		LHS	
39	306+155	306+480	0.325				0.325			
40	306+480	306+530	0.050	Karela	61	Rameshbhai Falubhai Patel	0.050		LHS	
41	306+530	309+640	3.110				3.110			
42	309+640	309+690	0.050	Kurchan	574	Vali Mahmud Abhran Vali	0.050		LHS	
43	309+690	309+880	0.190				0.190			
44	309+880	310+030	0.150	Kurchan	529/1,524/ 1,523/1,52 2,527	Yusuf Ibrahim Umarji and others, Ismail Ibrahim Vali, Aadam Vali and others		0.150	BHS	
45	310+030	310+040	0.010				0.010			
46	310+040	310+120	0.080	Kurchan	495	Ismail Mahmud Aku	0.080		RHS	
47	310+120	312+300	2.180				2.180			
48	312+300	312+570	0.270	Simaltha	42	Administrator of Karnnath Mahadev	0.270		BHS	
49	312+570	313+630	1.060				1.060			
50	313+630	313+735	0.105	Simaltha	303	Maheshbhai Vasava		0.105	RHS	
51	313+735	316+780	3.045				3.045			

Land Acquisition Status										
Sr.No	CHAINAGE		LENGTH (KM)	VILLAGE	SURVEY NO	Owner Name	CLEAR LENGTH (KM)	UNCLEAR LENGTH (KM)	Annexure - G	
	FROM	TO							SIDE	REMARKS
52	316+780	316+875	0.095	Dora	733	Old Govt. Land		0.095	BHS	
53	316+875	317+600	0.725				0.725			
54	317+600	317+710	0.110	Dora	620171	Administrator of Brahmanpanch	0.110		BHS	
55	317+710	319+800	2.090				2.090			
56	319+800	319+890	0.090	Danda	605	Jayantibhai Lalubhai		0.090	BHS	
57	319+890	320+230	0.340				0.340			
58	320+230	320+290	0.060	Telod	385	Administrator of Telod Kabripanth, Ambalal Ganesbhai.	0.060		RHS	
59	320+290	320+340	0.050				0.050			
60	320+340	320+410	0.070	Telod	393	Administrator of Telod Kabripanth, Ambalal Ganesbhai.	0.070		RHS	
61	320+410	321+220	0.810				0.810			
62	321+220	321+250	0.030	Suthodra	97	Mohansang Chhatrasang Deputy and others		0.030	RHS	
63	321+250	321+330	0.080				0.080			
64	321+330	321+410	0.080	Suthodra	108	Harisinh Jitsinh	0.080		LHS	
65	321+410	321+520	0.110				0.110			
66	321+520	321+700	0.180	Suthodra	106	Rukshanaben Jashubha Bhaibava and others	0.180		BHS	
67	321+700	321+850	0.150				0.150			
68	321+850	321+905	0.055	Suthodra	118	Rajendrasinh Udesinh		0.055	RHS	
69	321+905	322+130	0.225				0.225			
70	322+130	322+245	0.115	Matar Talpad	468,467	Jaydevprasad Ramanlal, Shree Bhikhabhai Laljibhai		0.115	BHS	
71	322+245	323+000	0.755				0.755			
Length % of Project			31.000				29.925	1.075		
			100%				96.53%	3.47%		

B)Area Wise:

Package - 3 (Sampa to Manubar)(Km 323.000 to Km 292.00)							
Sl. No.	Village Name	Taluka & District	Area in Hec.	Award (Rs. In Cr.)	Disbus Area in Hec.	Disbus (Rs. In Cr.)	Disbus Area in %
1	Matar Talpad	Tal.-Amod. Dist.-Bharuch	19.7199	10.02	16.7231	8.43	85%
2	Vanta Matar		1.6709	1.64	0.6865	1.37	41%
3	Sunthodara		13.0293	1.77	13.0293	1.62	100%
4	Telod		3.4501	1.24	2.8330	1.15	82%
5	Danda		29.1681	19.81	28.6605	19.46	98%
6	Dora		38.0178	22.58	37.0607	22.17	97%
7	Simlatha		21.2190	42.05	19.6934	38.39	93%
8	Vantarsa		0.2261	0.04	0.2261	0.04	100%
9	Kurchan		18.1489	3.21	17.0847	3.00	94%
10	Padariya	Tal. & Dist.-Bharuch	5.7697	2.78	5.7697	2.78	100%
11	Karela		42.1435	20.70	40.8154	20.09	97%
12	Pipaliya		12.4403	3.78	12.2705	3.71	99%
13	Kelod		25.5545	24.16	24.4512	23.46	96%
14	Taralsa		16.5034	11.56	15.5425	10.88	94%
15	Dayadara		20.9353	8.48	17.1477	7.64	82%
16	Derol		35.3771	35.89	34.6392	35.12	98%
17	Tham		8.1923	4.22	7.9318	4.00	97%
18	Kanthariya		8.6506	11.01	6.6815	9.97	77%
TOTAL AWARD PKG #3			320.2168	224.94	301.25	213.27	94%

4.2 Clearances Summary: -

Environment				
Proposal Description	Status	Length impacted	Current stage	Issues/Comments
As per Schedule-A (Annex-V) – The Environmental clearance have been obtained				
Forest Land/Tree				
Proposal Description	Status	Length impacted	Current stage	Issues/Comments
Tree cutting permission received on dated 25.03.2019 with letter no. NHAI PIU SURAT (Expressway)/FR-02/2019/1717				

4.2 A) STATUS OF PERMISSION AND APPROVALS

Sr No	Approvals as in Schedule -E	
a	Permission of the state Government for extraction of boulder from quarry	The company has given a subcontract to Mauni Minerals for supply of Aggregate and GSB material. They have already procured permission from State Government for extraction of boulders. Valid till 14.07.2025
b	Permission of Village panchayat and Pollution control board for installation of crusher.	Obtained. Valid till 14.07.2025
c	License for use of explosives	Work Agreement with Mauni Minerals (Agency) to Sub-agency (Sukhdev Enterprise) for quarrying of boulder is enclosed with its use, storage & transportation of explosives. Valid till 31.03.2023
d	Permission from State government for drawing water from river/reservoir.	NA (For use of water, as per guideline of Ministry of water resource letter dated 26/10/2012, it is exempted from obtaining NOC if ground water used up to 100 cum/day i.e. 1 Lac liter/day in any Infrastructure Project., as our consumption is under the limit.)
e	License from Inspector of factories or competent authorities for setting up Batching Plant	Obtained. Valid till 17.09.2025.
f	Clearance from Pollution control board for Setting up Batching Plant	Obtained. Valid till 17.09.2025.
g	Permission of Village Panchayat and Pollution control board for Asphalt Plant	N.A.
h	Permission of Village Panchayat and State Government for Borrow earth.	Some Village Panchayats Obtained. Others in progress
i	Permission of State Government for Cutting trees	Obtained Forest trees cutting permission received vid letter no NHAI/PIU Surat (Expressway)/FR-02/2019/1717 on dated 25.03.2019
j	Consent to establish issued by the Sate Pollution Control Board for the Project,	Obtained

4.3 Status of utility shifting: -

Utility Category	Name/ Department	Status	Length affected	Date & letter of request by Authority for estimate	Date & letter when Estimate was Received from concerned dept.	Date & letter when Estimate was Verified By IE.	Date & letter of Approval by Authority RO/ HQ	Date & letter of Deposit of supervision charge	Progress of Physical Shifting	Date of Certification from Agency for Completion	Estimate Amount	Issue/ Comments
Water	GWSSB	All Estimates submitted	80 M	-	-	-	-	-	-	-	-	-
	SSNNL	Detailed proposal submission of arrangement of existing canal in proposed structure and GADs is submitted in PIU on Dt.27.09.2019 for three division.(Bharuch,karjan, jambusar)	730 M									
Electricity	DGVCL	PVKPL submit supervision charges vide Letter #80 on 16.05.2019	2640 M	-	-	#72,73 & 74 on 13.02.2019	-	Supervision Charges Paid for 1) Palej on 24.05.2019 2) Amod on 23.05.2019 3) Bharuch (Rural) Pending-	-	-	-	Issue of Supervision charges of 2.5%(as per NHAi) & 15% as demanded by DGVCL is to be resolved
	GETCO	PIU has written Letter no. 271 Dt.03.08.2019 to ACE, GETCO, Vadodara for compliance & extension of validity of five nos. Estimates and rest 1 under preparation with GETCO	710 M			#342 on 01.05.2019						
Gas Pipe Lines	GAIL		300 M					Supervision Charges Paid by NHAi without GST				

4.3 A) Utility shifting/ Tree Cutting Progress Status

Utility Category	Name/ Department	Length affected (M)	Length Cleared (M)	Balance Affected Length (M)
Water	GWSSB	80	-	80
	SSNNL	730	-	730
Electricity	DGVCL	2640	-	2640
	GETCO	710	-	710
Gas Pipe Lines	GAIL	300	-	300
Tree	Tree Cutting	900	900	0

5.0 Change of Scope:-

Sr. No.	Proposal Details	Date of first submission to IE	Current Status	COS Amount	Expected/Actual date of Approval
	NIL	NIL	NIL	NIL	NIL

6.0 Mobilization of Resources.

Sr. No	Equipment	Unit	Tentative Planning	Deployed Machinery Month of Aug-19
1	Excavator	Nos	30	21
2	Motor Grader	Nos	20	12
3	Vibratory Roller	Nos	25	18
4	Wet Mix/ DLC Paver	Nos	1	-
5	Wet Mix Plant	Nos	1	1
6	PQC Paver	Nos	1	1
7	Pneumatic Tyre Roller	Nos	0	-
8	Dumpers/Tippers	Nos	100	51
9	FE Loaders/JCB	Nos	10	7
10	Water Tanker	Nos	30	20
11	Batching Plant CP60	Nos	2	2
12	Batching Plant CP 120	Nos	2	1
13	Batching Plant 300 TPH (DLC)	Nos	1	1
14	Transit Mixers	Nos	20	18
15	Boom Placer	Nos	1	1
16	Concrete Pump	Nos	1	1
17	Kerb Machine	Nos	1	0

7.0 Financial Progress Details

7.1 Pen Picture - Escrow

Total Bid Project Cost (Cr.)	Total Project Cost (Cr.)	Cumulative inflow to Escrow till previous month (Cr)	Cumulative outflow from Escrow till previous month (Cr)	Inflow to Escrow During the month (Cr)	Outflow from Escrow during the month (Cr)
1712.00	1027.2 Cr.	192.06	189.23	92.73	82.56

7.2 Escrow detail

Total Bid Project Cost (Cr.)	Total Project Cost (Cr.)	Escrow Plan till date-Debt (HAM)(Cr)	Escrow Plan till date- Equity (HAM)(Cr)	Escrow Plan till date- VGF (HAM)(Cr)	Escrow Actual till date-Debt (HAM)(Cr)	Escrow Actual till date- Equity (HAM)(Cr)	Escrow Actual till date- YGF (HAM)(Cr)
1712.00	1027.2 Cr.	186.49	102.72	265.36	0.00	116.64	0.00

8.0 QA/QC Report.

8.1 Test conducted on site.

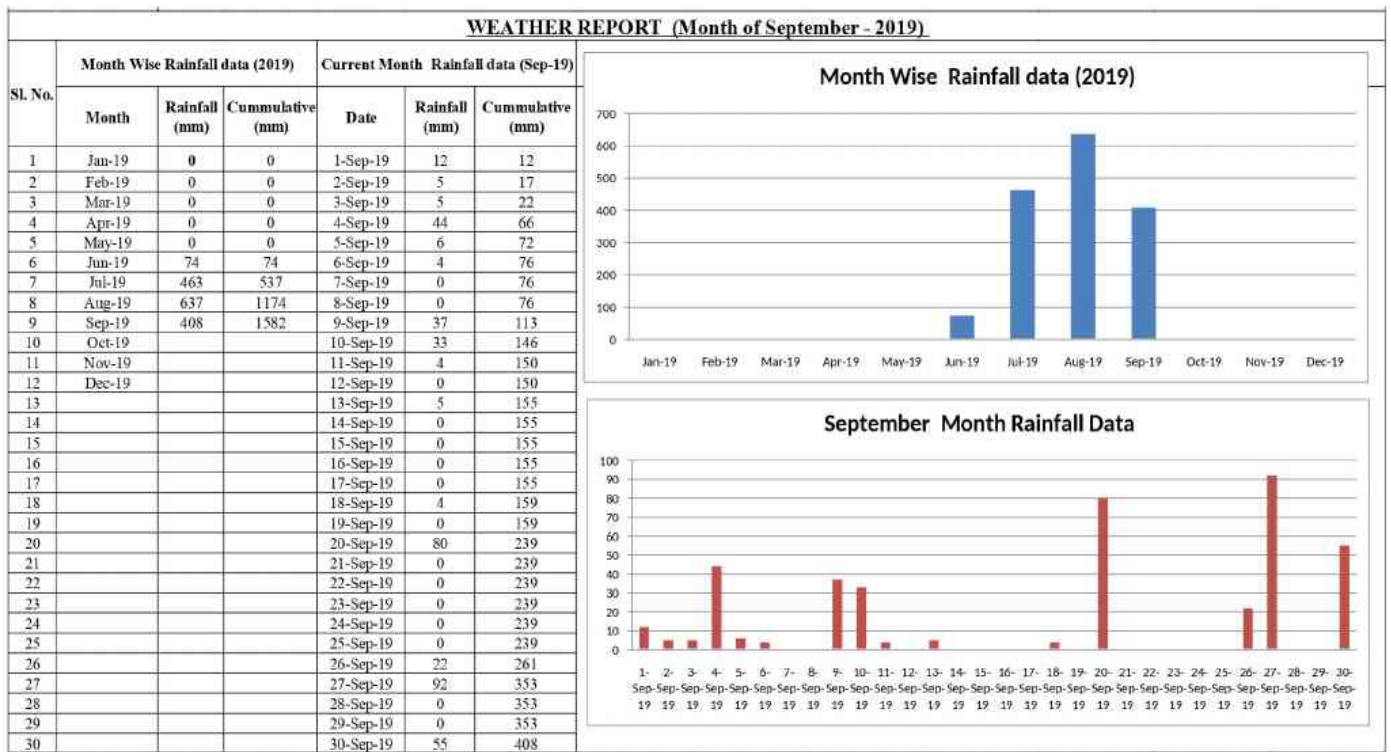
Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted									Remark
					Up To Previous Month			This Month			Total Upto Date			
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Cum. No. of Test	
OGI & Cutting soil														
1	Free Swell Index	IS 2720 Part 40	2 test per 3000 m ³	50 % Max	148	0	148	0	0	0	148	0	148	
2	Grain Size Analysis	IS 2720 Part 4	2 test per 3000 m ³	-	148	0	148	0	0	0	148	0	148	
3	Plasticity Index	IS 2720 Part 5	2 test per 3000 m ³	LL= Not>50 %,PI =Not> 25 %	148	0	148	0	0	0	148	0	148	
4	Max. Dry Density	IS 2720 Part 8	2 test per 3000 m ³	Up to 3m 1.52 gm./cc	148	0	148	0	0	0	148	0	148	
5	CBR	IS 2720 Part 16	1 test as required	Min. 8 % or as per design	0	0	0	0	0	0	0	0	0	
6	Density of Comp.Layer	IS 2720 Part 28	1 set of 10 tests/ 3000 m ²	90-95 % of lab MDD	5364	72	5436	0	0	0	5364	72	5436	
Borrow Area (Embankment & Subgrade)														
1	Free Swell Index	IS 2720 Part 40	2 test per 3000 m ³	50 % Max	1825	0	1825	0	0	0	1825	0	1825	
2	Grain Size Analysis	IS 2720 Part 4	2 test per 3000 m ³	-	1825	0	1825	0	0	0	1825	0	1825	
3	Plasticity Index	IS 2720 Part 5	2 test per 3000 m ³	LL= Not>50 %,PI =Not> 25 %	1825	0	1825	0	0	0	1825	0	1825	
4	Max. Dry Density	IS 2720 Part 8	2 test per 3000 m ³	Up to 3m 1.52 gm./cc More than 3m 1.00 gm./cc	1825	0	1825	0	0	0	1825	0	1825	
5	CBR	IS 2720 Part 16	1 test per 3000 m ³	Min. 8 % as per design	54	0	54	0	0	0	54	0	54	
Earthwork Field test														
1	Density of Comp.Layer (Emb.)	IS 2720 Part 28	1 set of 10 tests per 3000 m ²	95% of Lab MDD	35463	558	36021	270	0	270	35733	558	36291	
2	Density of Comp.Layer (Sub grade & Earthen shoulder)	IS 2720 Part 28	1 set of 10 tests per 2000 m ²	97% of Lab MDD	0	0	0	0	0	0	0	0	0	
GSB														
1	Sieve Analysis		1 Test /400M ²	As per MORT&H Table 400-1	12	0	12	2	0	2	14	0	14	
2	Plasticity Index	IS 2720 Part 5	1 Test /400M ²	LL=Not>25% PI=Not>6%	12	0	12	2	0	2	14	0	14	
3	Max. Dry Density	IS 2720 Part 8	1 TEST PER SOURCE		1	0	1	0	0	0	1	0	1	
4	CBR	IS 2720 Part 16	As Required	30% Min.	1	0	1	0	0	0	1	0	1	
5	Water Absorption	IS 2386 Part 3	As Required	2% Max.	1	0	1	0	0	0	1	0	1	
6	AIV	IS 2386 (P-4) & IS 6600	As Required	40% Max	1	0	1	0	0	0	1	0	1	
7	Density of Comp.Layer	IS 2720 Part 28	1 Test /1000M ²	98% of Lab MDD	42	0	42	6	0	6	48	0	48	

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted									Remark		
					Up To Previous Month			This Month			Total Upto Date					
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Cum. No. of Test			
PHYSICAL PROPERTIES OF AGGREGATE FOR CONCRETE																
1	Sieve Analysis of CA	IS 2386 Part 1	1 Test/Concreting Day	As per IS 383	273	0	273	39	0	39	312	0	312			
2	Sieve Analysis of FA	IS 2386 Part 1	1 Test/Concreting Day	As per IS 383	273	0	273	39	0	39	312	0	312			
3	Aggregate Impact Value	IS 2386 Part 4	1 Test/Concreting Day	As per IS 383	273	0	273	39	0	39	312	0	312			
4	Flakiness Index	IS 2386 Part 1	1 Test/Concreting Day	As per IS 383	273	0	273	39	0	39	312	0	312			
5	Silt Content	IS 383	As Required		125	0	125	17	0	17	142	0	142			
6	Specific Gravity & W A	IS 2386 PART 3	1 Test/Month		6	0	6	0	0	0	6	0	6			
Concrete Mix Design (cube sets)																
1	M15 7 Days	IS-516	18 Cubes	As per MoRTH	3	0	3	0	0	0	3	0	3			
	28 Days				9	0	9	0	0	0	9	0	9			
2	M20 Kerb 7 Days				0	0	0	0	0	0	0	0	0	0	0	
	28 Days				0	0	0	0	0	0	0	0	0	0	0	
3	M20 7 Days				3	0	3	0	0	0	3	0	3			
	28 Days				9	0	9	0	0	0	9	0	9			
4	M25 PCC 7 Days				24	0	24	4	0	4	28	0	28			
	28 Days				57	0	57	8	0	8	65	0	65			
5	M30 7 Days				44	0	44	10	0	10	54	0	54			
	28 Days				54	0	54	10	0	10	64	0	64			
6	M35 7 Days				88	0	88	15	0	15	103	0	103			
	28 Days				181	0	181	8	0	8	189	0	189			
7	M35 Pile 7 Days				56	0	56	10	0	10	66	0	66			
	28 Days				106	0	106	9	0	9	115	0	115			
8	M35 RE block 7 Days				0	0	0	0	0	0	0	0	0	0	0	
	28 Days				0	0	0	0	0	0	0	0	0	0	0	
9	M40 7 Days				21	0	21	12	0	12	33	0	33			
	28 Days				27	0	27	9	0	9	36	0	36			
10	M45 7 Days				1	0	1	0	0	0	1	0	1			
	28 Days				6	0	6	0	0	0	6	0	6			
11	M50 7 Days				0	0	0	0	0	0	0	0	0	0	0	
	28 Days				0	0	0	0	0	0	0	0	0	0	0	

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted									Remark		
					Up To Previous Month			This Month			Total Upto Date					
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Cum. No. of Test			
11	M40 PCC	7 Days	36 cubes & 30 beams	As per MoRT&H	0	0	0	0	0	0	0	0	0			
		28 Days			0	0	0	0	0	0	0	0	0			
13	M40 PCC Fl. Strength	7 Days			0	0	0	0	0	0	0	0	0	0		
		28 Days			0	0	0	0	0	0	0	0	0	0		
14	DLC	7 Days	15-516	10 cubes	As per MoRT&H	30	24	54	49	5	54	79	29	108		
Field Concrete (cube sets)																
1	M15	7 Days	15-510	1 test - 0-5 m ³ 2 test - 6-15 m ³ 3 test - 16-30 m ³ 4 test - 31- 50 m ³ +1 test for every 50m ³ concrete	As per MoRT&H	0	0	0	0	0	0	0	0	0		
		28 Days				0	0	0	0	0	0	0	0	0	0	
2	M20 Kerb	7 Days				0	0	0	0	0	0	0	0	0	0	
		28 Days				0	0	0	0	0	0	0	0	0	0	
3	M25 PCC	7 Days				231	0	231	9	0	9	240	0	240		
		28 Days				435	0	435	9	0	9	444	0	444		
4	M30	7 Days				66	0	66	0	0	0	66	0	66		
		28 Days				172	0	172	0	0	0	172	0	172		
5	M35	7 Days				94	0	94	32	0	32	126	0	126		
		28 Days				271	0	271	36	0	36	307	0	307		
6	M35 Pile	7 Days	644	0	644	30	0	30	674	0	674					
		28 Days	1933	0	1933	45	0	45	1978	0	1978					
7	M35 RE block	7 Days	0	0	0	0	0	0	0	0	0	0				
		28 Days	0	0	0	0	0	0	0	0	0	0				
8	M40	7 Days	1	0	1	0	0	0	1	0	1					
		28 Days	1	0	1	0	0	0	1	0	1					
9	M45	7 Days	0	0	0	0	0	0	0	0	0	0				
		28 Days	0	0	0	0	0	0	0	0	0	0				
10	M50	7 Days	0	0	0	0	0	0	0	0	0	0				
		28 Days	0	0	0	0	0	0	0	0	0	0				

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted									Remark	
					Up To Previous Month			This Month			Total Upto Date				
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Cum. No. of Test		
11	M40 PQC	7 Days	1 test of 2 cubes & 2 beams for 150 m3 or Min. 6 cubes & 6 beams for the day	As per MoRT&H	0	0	0	0	0	0	0	0	0		
		28 Days			0	0	0	0	0	0	0	0			
12	M40 PQC F.S	7 Days			0	0	0	0	0	0	0	0	0		
		28 Days			0	0	0	0	0	0	0	0	0		
13	DLC	7 Days	1set of 3cubes for 1000 m2	As per MoRT&H	0	0	0	0	0	0	0	0	0		
14	DLC	FDD	IS 2720 Part 2B	1 Test /2000M ²	98% of Ref. Density	0	0	0	0	0	0	0	0	0	
Cement															
1	Fineness	IS 4031	1 Test/Week		47	0	47	3	0	3	50	0	50		
2	Consistency	IS 4031	1 Test/Week		47	0	47	3	0	3	50	0	50		
3	Setting Time	IS 4031	1 Test/Week		47	0	47	3	0	3	50	0	50		
4	Soundness	IS 4031	1 Test/Week		47	0	47	3	0	3	50	0	50		
5	Compressive Strength	IS 4031	1 Test/Week												
	a) 3 Days		01 set = 3 Cube		47	0	47	3	0	3	50	0	50		
	b) 7 Days		01 set = 3 Cube		47	0	47	3	0	3	50	0	50		
	c) 28 Days		01 set = 3 Cube		46	0	46	1	0	1	47	0	47		

8.2 Weather report



9.0 Safety Features

9.1 Pen picture of safety features

Location of Black spot	Suggested Remedial Measures with in provisions of Concession Agreement	Additional Remedial Measures (if any)	Financial implications of additional Remedial Measures for Authority
NIL			

9.2 Accident report : NIL

10.0 Review status of drawings/design reports

10.1 Structure drawing status

S. No	Type of Structure	Total scope (Nos)	Submitted to IE	Approved by IE	Chainage	Submission to IE	Comments from IE	Remarks
1	Pipe Culvert	35	35	35	-	Submitted via direct mail from Designer to IE dated 15.05.2019 at 2:36 PM	Found in order as per MoM dt. 17.05.2019	Approved
2	Box Culvert	27	21	12	-	21 Nos Submitted via letter no. 050 dated 17.04.2019, also BC at Ch. 315+ 225 submitted via direct mail from Designer on 26.05.2019, also 12 submitted via letter no. 089 dt. 27.05.2019; 316+ 420 submitted via letter no. 128 dt 27.06.2019	12 Nos are found in order (less than 20*) in MOM 316+ 420 approval received via letter no. 632 dt. 16.07.2019	12 Nos Approved
3	Flyover	1	1	-	299+ 375	Submitted via letter no. 071 dated 09.05.2019	Comments received via letter No. 584 dated 01.07.2019	Pending with concessionaire
4	Major Bridge	3		-	302+ 732	Submitted via letter no. 029 dated 28.03.2019	Comments received via letter No. 383 dated 11.05.2019	Pending with concessionaire
					318+ 875	Submitted via letter no. 039 dated 10.04.2019	Comments received via letter No. 338 dated 01.05.2019	Pending with concessionaire
					321+ 280	Submitted via letter no. 030 dated 28.03.2019	Comments received via letter No. 387 dated 11.05.2019	Approved in MOM dt.

Sr. No	Type of Structure	Total scope (Nos)	Submitted to IE	Approved by IE	Chainage	Submission to IE	Comments from IE	Remarks
								30.08.2019
5	Minor Bridge	11	10	-	294+ 085	Directly by Designer to Aarvee via mail dt. 25.05.2019	-	Under review with IE
					296+ 432	Submitted via letter no. 184 dated 06.08.2019	-	Approved in MOM dt. 30.08.2019
					297+ 472	Compliance submitted via letter no. VKEPL/VKP3/IE/178/2019 dt. 23.07.2019	-	Under review with IE
					297+ 562	Submitted via letter no. 185 dated 06.08.2019	-	Approved in MOM dt. 30.08.2019
					304+ 450	Submitted via letter no. 145 dated 17.08.2019	-	Approved in MOM dt. 30.08.2019
					307+ 731	Submitted via letter no. 186 dated 06.08.2019	-	Approved in MOM dt. 30.08.2019
					309+ 100	Submitted via letter no. 135 dated 05.04.2019	Comments received via letter No. 355 dated 06.05.2019	Pending with concessionaire

Sr. No	Type of Structure	Total scope (Nos)	Submitted to IE	Approved by IE	Chainage	Submission to IE	Comments from IE	Remarks
					309+ 840	Submitted via letter no. 014 dated 21.02.2019, also Directly submitted by Designer to Aarvee via mail dt. 23.05.2019		Under review with IE
					310+ 752	Submitted via letter no. 132 dt. 12.07.2019		Under review with IE
					313+ 835	Submitted via letter no. 145 dated 17.08.2019		Approved in MOM dt. 30.08.2019
					314+ 314	Directly by Designer to Aarvee via mail dt. 25.05.2019 at 6:19 pm and via letter no. PVKEPL/VKE3 /IE/ 177/2019 dt. 23.07.2019		Under review with IE
6	RUP	30	30	21	-	-29 Nos via letter No. 21 dated 22.10.2018 - 1 No via letter No. 37 dated 12.12.2018 -Further 18 Nos revised Submitted Via ltr no. 18 on 28.02.2019, also Directly submitted by Designer to Aarvee via mail dt. 23.05.2019 at 6:41 pm R3-PVKEPL/HO/VKP3/IE/093/2019 dt. 28.05.2019 - Further revised 12 Nos submitted via 049 on 17.04.2019	Comments received via letter no. AA/VKE/PVKEPL/092/19-20/DESIGN REVIEW/357 dated 06.05.2019 and AA/VKE/PVKEPL/092/19-20/DESIGN REVIEW/442 dated 28.05.2019 on Geotech reports 3 Approved vide AA/VKE/PVKEPL/0114/19-20/DESIGN REVIEW/472 Dt. 03.06.2019 18 Approved vide	9 Nos. Pending with concessionaire

Sr. No	Type of Structure	Total scope (Nos)	Submitted to IE	Approved by IE	Chainage	Submission to IE	Comments from IE	Remarks
						-Directly by Designer to Aarvee via mail dt. 30.05.2019	AA/VKE/PVKEPL/0115/19-20/DESIGN REVIEW/473 Dt. 03.06.2019	
7	VJP	3	3	1	295+ 575	Directly by Designer to Aarvee via mail dt. 24.05.2019 at 6:22 pm	AA/VKE/PVKEPL/0116/19-20/DESIGN REVIEW/474 Dt. 03.06.2019	Approved by IE
					303+ 830	Submitted via direct mail from Designer to IE dated 30.05.2019 at 8:00 PM	-	Under review with IE
					312+ 720	Submitted via letter no. 024 dated 22.10.2018	Comments received via letter No. 053 dated 02.02.2019	Pending with concessionaire
8	VOP	1	-	-	307+ 193	Submitted via PVKEPL/HO/VKP3/IE/129/2019 dt. 09.07.2019	-	Under review with IE

Sr. No	Type of Structure	Total scope (Nos)	Submitted to IE	Approved by IE	Chainage	Submission to IE	Comments from IE	Remarks
9	LVUP	7	7	7		Submitted via letter no. 021 dated 22.10.2019, also 4 submitted Directly by Designer to Aarvee via mail dt. 26.05.2019 at 4:55 pm, 311+ 047 submitted via direct mail from Designer on 28.05.2019 at 8:20 pm -Directly by Designer to Aarvee via mail dt. 30.05.2019 6 submitted via letter no. 127 dt. 25.06.2019	311+ 047 approved by AA/VKE/PVKEPL/0119/19-20/DESIGN REVIEW/485 Dt. 06.06.2019. comments on 6 LVUP received via letter no. 590 Dt. 04.07.2019	1 approved 6 Nos Found in order vide IE letter no. 590
10	ROB	1	1	-	293+ 014	Submitted via letter no. 046 dated 26.04.2019	Comments received via IE letter no. 526 dt. 17.06.2019	Pending with concessionaire

10.2 Highway drawing status

Plan and Profile				
Sr No.	Description	Concessionaire Submission Letter No. and Date	IE's comment Letter No. and Date	Remark
1	MCW	# 35 on 08.04.2019	# 476 Dt. 04.06.2019	
2	Connecting road	# 35 on 08.04.2019	# 476 Dt. 04.06.2019	
3	VOP Approaches	# 35 on 08.04.2019	# 476 Dt. 04.06.2019	

Abstract of Pavement Design

Connecting Road / Main Carriageway & Type of Pavement			Pavement Composition	Status	Remark
connecting Roads/ Overpass Cross Roads	Flexible Pavement	New Construction (10 MSA)	40 mm BC + 50 mm DBM +250 mm WMM + 200 mm GSB + 500 mm Subgrade with 8% effective CBR	APPROVED	Letter no. AA/VKE/PVKEPL/051/18-19/Design Review/176 dated 13.03.2019
			30 mm BC + 50 mm DBM +250 mm WMM + 200 mm GSB + 500 mm Subgrade with 10% effective CBR	APPROVED	Letter no. AA/VKE/PVKEPL/051/18-19/Design Review/176 dated 13.03.2019
			30 mm BC + 50 mm DBM +100 mm WMM + 150 mm CTSB + 500 mm Subgrade with 8% effective CBR	APPROVED	Letter no. AA/VKE/PVKEPL/051/18-19/Design Review/176 dated 13.03.2019
			30 mm BC + 50 mm DBM +100 mm WMM + 150 mm CTSB + 500 mm Subgrade with 10% effective CBR	APPROVED	Letter no. AA/VKE/PVKEPL/051/18-19/Design Review/176 dated 13.03.2019
			40 mm BC + 100 mm Aggregate Layer (WMM) + 200 mm Cemented Base + 250 mm GSB + 500 mm Subgrade with 8% effective CBR	APPROVED	Letter no. AA/VKE/PVKEPL/051/18-19/Design Review/176 dated 13.03.2019
			40 mm BC + 100 mm Aggregate Layer (WMM) + 200 mm Cemented Base + 250 mm GSB + 500 mm Subgrade with 10 % effective CBR	APPROVED	Letter no. AA/VKE/PVKEPL/051/18-19/Design Review/176 dated 13.03.2019
Main Carriage Way	Rigid Pavement	New Construction	300 mm PQC + 150 mm DLC + 150 mm GSB+ 500 mm Subgrade with 8% effective CBR	APPROVED	Letter no. AA/VKE/PVKEPL/051/18-19/Design Review/176 dated 13.03.2019

PLANT & APPROVAL STATUS

CRUSHER:-

300 TPH @ Rajpardi for Aggregates – Functional

Batching Plant:-

1. Batching Plant (60 CUM) @ Tralsa Camp (KM 299+350 R/S) - Functional
2. Batching Plant (112 CUM) @ Tralsa Camp (KM 299+350 R/S) - Functional
3. Batching Plant (60 CUM) @ Dayadra (KM 300+000 L/S) - Functional

10.3 Review status of source approvals

Course Aggregates:-

1. Rajpardi Quarry Approved vide letter no. 85 dated 15th FEB 2019

Fine Aggregates:-

- Bodeli Source Approved vide letter no. 86 dated 16th FEB 2019
Nareshwar Source Approved vide letter no. 86 dated 16th FEB 2019

Cement:-

- M/s Birla Corporation Ltd., Chanderiya, Rajasthan vide 048 dated 02th Feb 2019
M/s Ultra Tech Cement Ltd., Mumbai vide 048 dated 02th Feb 2019
M/s Udaipur Cement works lid. Vide 048 dated 02th Feb 2019
M/s Sanghi Industries Ltd., Kutch District, Gujarat. Vide 048 dated 02th Feb 2019
M/s JK Lakshmi Cement Ltd., Sirohi, Rajasthan vide 048 dated 02th Feb 2019
M/s Gujarat Sidhee cement vide 281 dated 11th March 2019
M/s Hathi Cement vide 289 dated 13th March 2019
M/s Nuvoko Cement vide 546 dated 24th July 2019

Chemical Admixture:-

- M/S BASF India Limited Approved vide letter no. 062 dated 12th Feb 2019
M/S Kunal Conchem Pvt Ltd Approved vide letter no. 062 dated 12th Feb 2019
M/S STP Approved vide letter no. 592 dated 5th Jul 2019
M/S Salimar Seal and Tar Product vide letter no. 676 dated 29th July 2019
M/S Yahska polymers Private limited Approved vide letter no. 784 dated 31st August 2019
M/S CAC Approved vide letter no. 677 dated 29th July 2019

Reinforcement Steel:-

M/s Essar Steel Limited, Mumbai
M/s Electro steel Steel Limited, Kolkatta
Steel Authority of India Limited (SAIL)
Tata Iron and Steel company Limited (TISCO)
Rashtriya Ispat Nigam Limited (RINL)
Jindal Steel & Power Limited (JSPL)

NP4 Hume Pipe:-

M/s Giriraj Hume Pipes Industries,
Bodeli Approved vide letter no. 066 dated 12th Feb 2019
Approved Quantity of 1200 Dia NP4 Pipes – 700 Nos.
M/s T&G Approved vide letter no. 547 dated 24th June 2019

Concrete Mix Design:-

1) M-15 PCC, M-20 PCC, M-25 RCC, M-30 RCC, M-35 RCC, M-35 Pile, M-40 RCC
With Ultratech OPC 53 Grade cement, Timba Quarry Aggregates, Bodeli and Nareshwar
Sand and Kunal Con Plast Admixture. Approved vide letter no. 131 dated 25th
Feb 2019.

2) M-15 PCC, M-20 PCC, M-25 RCC, M-30 RCC, M-35 RCC, M-35 Pile, M-40 RCC
With Ultratech OPC 53 Grade cement, Timba Quarry Aggregates, Bodeli and Nareshwar
Sand and BASF Admixture. Approved vide letter no. 132 dated 25th Feb 2019.

Borrow Area:-

Status	Number of Borrow areas	Qty(Cum)
Approved	59	2148892

Independent Laboratory :-

Mukesh A Patel, Ahmedabad Approved vide letter no. 065 dated 12th Feb 2019
Geo Design & Research Pvt Ltd Approved vide letter no. 283 dated 11th April 2019

NCR:-

NCR.01:- Embankment construction is carried out on review stretches without ground improvement. By Letter no. 209 on 22.03.2019 and complied Vide letter 56 on dated 19.04.2019.IE reviewed and commented vide letter mo 451 on dated 30.05.2019. Compliance submitted by concessionaire vide Letter no 148 Dt.20.08.2019.

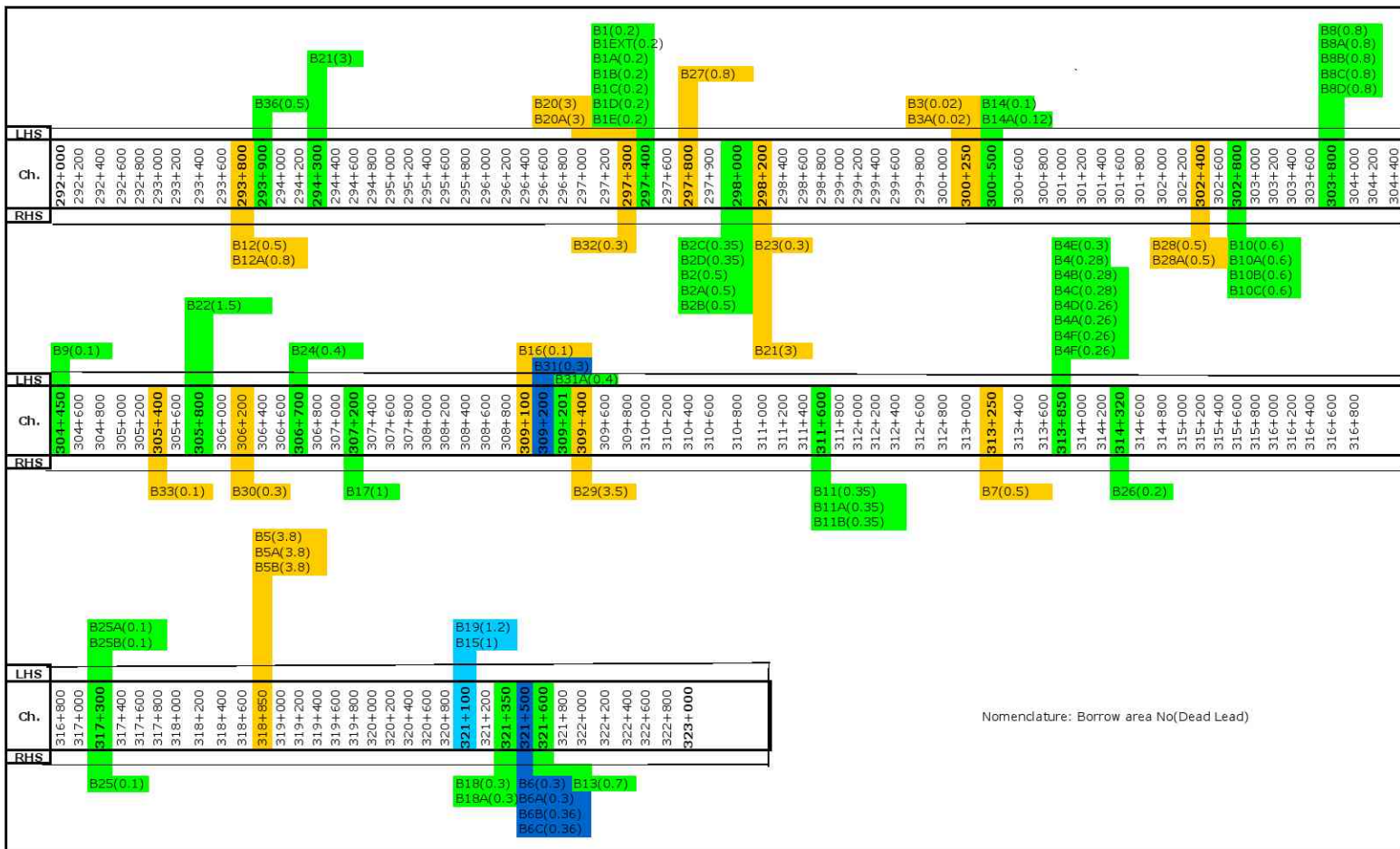
NCR.02:- Embankment construction is carried out on review stretches without ground improvement. By Letter no. 253 on 08.04.2019 and complied Vide letter 56 on dated 19.04.2019.IE reviewed and commented vide letter mo 466 on dated 31.05.2019.Compliance submitted by concessionaire vide Letter no 148 Dt.20.08.2019

NCR.03:- Construction of Raft is carried out 500mm below the OGL at interface of PUP at Ch. 304+170 on LHS.Rectification Done.

NCR.04:- PCC Construction is carried out at Foundation level over un-compacted earth fill of 900mm thick for the construction of PUP at Km. 305+058 and Km. 309+550. Rectification work in progress.

NCR.05:- Construction of back fill is carried out in a single layer with embankment of 1.5m depth around the HPC at ch.303+408. Rectification work in progress.

Borrow Area Location Map



Annexure-01 Correspondence details


DETAILS OF CORRESPONDENCE IN Sep- 2019 Between Client & PVKEPL

Sr. No.	Letter No.	Date	Letter from Client Reg.
1	NHAI/PIU-Bharuch/P-3-U/2019/462	13.09.2019	GAIL Utility Shifting - Reg.
2	NHAI/ PIU-BHaruch/P-3-S/2019/465	13.09.2019	Submission of Details of Cross Road - Reg.
3	NHAI/PIU-Bharuch/P-1-U/P-2/U/P-3-U/2019/466	13.09.2019	Reg. GAIL's Hydrocarbon lines
4	NHAI/PIU-Bharuch/P-3-U/2019/467	13.09.2019	Submission of Processing Charges - Reg.
5	NHAI/PIU-Bharuch/P-3-F/2019/473	17.09.2019	Payment of 2nd Installment of Mobilization Advance towards to Concessionaire M/s. Patel Vadodara Kim Expressway Pvt. Ltd. - Reg.
6	NHAI/PIU-Bharuch/P-2-U/P-3-U/14/2019/477	17.09.2019	Approval of proposed structure for 13 canal crossing falling under Narmada Project Canal Division no. 5, Karjan between Ch. 315+230 to 333+650 of Vadodara - Mumbai Expressway - Reg.
7	NHAI/PIU-Bharuch/P-3-U/2019/480	18.09.2019	Electrical Utility Shifting Work (VME) estimate in Bharuch District under DGVCL, in Amod Sub Division - Reg.
8	NHAI/PIU-Bharuch/P-3-U/2019/481	18.09.2019	Electrical Utility Shifting Work (VME) estimate in Bharuch District under DGVCL, in Bharuch Sub Division - Reg.
9	NHAI/PIU-Bharuch/P-3-U/2019/482	18.09.2019	Electrical Utility Shifting Work (VME) estimate in Bharuch District under DGVCL, in Palej Sub Division - Reg.
10	NHAI/PIU-Bharuch/P-3-T/2019/505	19.09.2019	Report on occurrence of "Force Majeure: Non Political Event" Article 28, Clause 28.5 of the Concession Agreement - Regd.

Details of Correspondance in Sep- 2019 between Aarvee Associates & PVKEPL

Sr. No.	Letter No.	Date	Letter from Aarvee Associates Reg.
1	AA\VKE/PVKEPL/168/19-20/MILESTONE/793	03.09.2019	Delay in the Progress of Works and Non achievement of Mileestone - I and Issuance of Advance Notice for recovery of damages in the event of failure to achieve milestones within time period as per Sub clause 12.3.2 of Concession Agreement - Reg.
2	AA\VKE/NHAI &PVKEPL/006/19-20/MIR/804	06.09.2019	Programme of Inspection on the Project Highway for the Month o August 2019 - Reg.
3	AA\VKE/PVKEPL/169/19-20/SSNNL/805	06.09.2019	Approval of GADs for canal crossing falling under N.P. Canal Planning & Desing Division Five (5) at VME Ch. at Km 290+065, 291+275, 307+734, 309+853 and 313+815 and fifteen (15) RCC Box / Hume Pipe - Reg.
4	AA\ VKE/NHAI/157/19-20/SSNNL/806	06.09.2019	Approval of GADs for canal crossing falling under N.P. Canal Planning & Desing Division Five (5) at VME Ch. at Km 290+065, 291+275, 307+734, 309+853 and 313+815 and fifteen (15) RCC Box / Hume Pipe - Reg.
5	AA\VKE/PVKEPL/170/19-20/PROGRESS/810	09.09.2019	Physical and Financial Progress details - Scheduled Vs Achieved since the Appointed Date - Back Up Details requested - Reg.
6	AA\VKE/PVKEPL/171/19-20/DESIGN REVIEW/812	11.09.2019	Submission of detailed design and drawing of MNB at Km 309+873 - Reg.
7	AA\VKE/NHAI/159/19-20/LEAVE/821	13.09.2019	Leave of absence of Team Leader - Reg.
8	AA\VKE/PVKEPL/172/19-20/MPR/826	14.09.2019	Monthly Progress Report of the Concessionaire - Reg.
9	AA\VKE/PVKEPL/172/19-20/DESIGN REVIEW/826	16.09.2019	Submission of drawings, design and geotech report for VOP at Ch. 307+170 - Reg.
10	AA\VKE/PVKEPL/173/19-20/DESIGN REVIEW/827	16.09.2019	Submission of drawings, design and geotech report for VOP at Ch. 307+170 - Reg.
11	AA\VKE/NHAI/PVKEPL/163/19-20/USW/835	18.09.2019	Submission of Processing Charges Reg.
12	AA\VKE/NHAI/PVKEPL/164/19-20/USW/837	18.09.2019	Status update for USW works estimates as per NHAI ircular 108225 - Reg.
13	AA\VKE/NHAI/PVKEPL/167/19-20/MIR/842	19.09.2019	Monthly Inspection Report - Reg.
14	AA\VKE/NHAI/PVKEPL/174/19-20/Q&M/843	19.09.2019	Submission of Third Party Test Report for coefficients of permeability - Reg.
15	AA\VKE/PVKEPL/175/19-20/Q&M/845	20.09.2019	Submission of Company Profil & Credentials of Shree Parmeshwar Steel Pvt. Ltd for procurement of TMT bars for source approval - Reg.
16	AA\VKE/NHAI/168/19-20/LEAVE/851	21.09.2019	Leave of absence Sub Key staff in the Project - Reg.
17	AA\VKE/PVKEPL/176/19-20/DESIGN REVIEW/852	21.09.2019	Compliance of Observations made on Modification in Span arrangement and / or Structure Type - Reg.
18	AA\VKE/PVKEPL/177/19-20/PROGRESS/855	21.09.2019	Physical and Financial Progress details - Scheduled Vs Achieved since the Appointed Date - Back Up Details requested - Reg.
19	AA\VKE/CONCESSIONAIRE/018/19-20/PROGRESS/866	23.09.2019	Physical progress as per Annexure I of Schedule G of Concession Agreement - Reg.
20	AA\VKE/PVKEPL/178/19-20/Q&M/876	24.09.2019	Submission of Concrete Mix Design -Reg.
21	AA\VKE/PVKEPL/179/19-20/Q&M/877	24.09.2019	Submission of Concrete Mix Design -Reg.

Details of Correspondance in Sep- 2019 between Aarvee Associates & PVKEPL

Sr. No.	Letter No.	Date	Letter from Aarvee Associates Reg.
22	AA\VKE/PVKEPL/180/19-20/Q&M/878	24.09.2019	Submission of Fly Ash - Reg.
23	AA\VKE/PVKEPL/181/19-20/Q&M/879	24.09.2019	Submission of Company Profile & Credentials of M/s. Agarwal Foundries (P) Ltd. for procurement of TMT bars for source approval - Reg.
24	AA\VKE/PVKEPL/182/19-20/Q&M/880	24.09.2019	Submission of WMM Mix Design Reprot - Reg.
25	AA\VKE/PVKEPL/183/19-20/Q&M/881	24.09.2019	Submission of Company Profile & Credentials of M/s Vista Chemtech Private Ltd. as a Source of curing compound, sealant and Admixture for Concrete / PQ C work - Reg.
26	AA\VKE/PVKEPL/184/19-20/Q&M/882	24.09.2019	Submission of Credentials, Company Profile and Technical Literature of Joint Sealant, Admixture and Curing Compound (STP Limited) - Reg.
27	AA\VKE/PVKEPL/184/19-20/Q&M/883	24.09.2019	Source Approval - Factory Visit - Smapling and testing
28	AA\VKE/PVKEPL/186/19-20/Q&M/905	27.09.2019	Submission of Hydrology Reprot of Minor Bridge at Km 297+562 and Major Bridge at Km 302+713 - Reg.

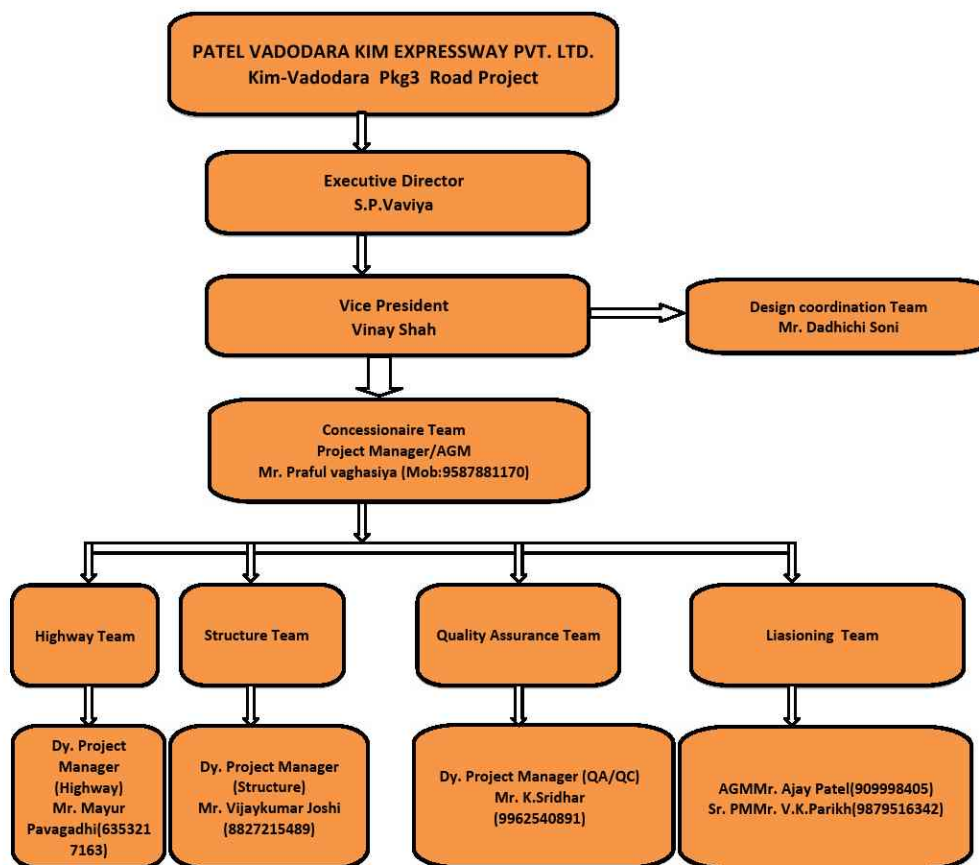
DETAILS OF CORRESPONDENCE BY PVKEPL

Sr. No.	Letter No.	Date	Letter from PVKEPL Reg.
1	PVKEPL/HOM/KE3/IE/152/2019	04.09.2019	Submission of Monthly Progress Report for the Month of August 2019 - Reg.
2	PVKEPL/VKE3/IE/205/2019	05.09.2019	Submission of Concrete Mix Design for for (M 35 Pile & M 40 RCC) Ultratech & Kunalplast - Reg.
3	PVKEPL/VKE3/IE/207/2019	05.09.2019	Submission of Compaany Profile and Credentials of M/s Agarwal Foundries (P) Ltd for Procurement of TMT Bars for Source Approval
4	PVKEPL/VKE3/IE/209/2019	08.09.2019	Submission of WMM Mix Design report - Reg.
5	PVKEPL/HOM/KP3/DGVCL/153/2019	09.09.2019	Request to allow intimation of utility shifting work of obstruction electrical utilities owned by DGVCL - Reg.
6	PVKEPL/HOM/KP3/IE/154/2019	09.09.2019	Regarding details of Right of Way remains affected / not made available within 146 days from Appointed date for the Project Highway
7	PVKEPL/VKE3/IE/210/2019	10.09.2019	Submission of Concrete Mix Design (M 25 PCC, M 30 RCC, M35 RCC) - Reg.
8	PVKEPL/LAB/TEST/GEO/212/2019	10.09.2019	Testing Materials
9	PVKEPL/VKE3/IE/213/2019	10.09.2019	Procurement of Fly Ash - Reg.
10	PVKEPL/VKE3/IE/214/2019	10.09.2019	Source Approval - Factory Visit -Sampling & Testing - Reg.
11	PVKEPL/VKE3/IE/215/2019	11.09.2019	Submission of Third Party Laboratory test Report - Reg.
12	PVKEPL/HOM/KP3/PIU/156/2019	13.09.2019	Request to allow initiation of utility shifting work of obstructing electrical utilities owned by DGVCL - Reg.
13	PVKEPL/VKE3/IE/216/2019	14.09.2019	Submission of Company Profile and Credentials of M/s. Molecules Conchem Pvt. Ltd. for Procurement of Admixture & Curing compound for source approval - Reg.
14	PVKEPL/VKE3/IE/221/2019	18.09.2019	Submission of Company Profile and Credentials of M/s. SIKA INDIA Pvt. Ltd. for Procurement of Admixture, Curing compound & Joint Sealant for source approval - Reg.
15	PVKEPL/VKE/IE/222/2019	20.09.2019	Source of Earth to be obtained from Borrow Area for use in Embankment - Reg.
16	PVKEPPL/LAB/TEST GEO/223/2019	20.09.2019	Testing of Materials
17	PVKEPL/VKE3/224/2019	21.09.2019	Submission of Concrete Mix Desing with Sidhee Cement and BASF admixutre - Reg.
18	PVKEPL/HOM/KP3/NHAI/157/2019	23.09.2019	Request to refund amount against TDS deduction made @ 2% instead of 1% -
19	PVKEPL/HOM/KP3/IE/158/2019	24.09.2019	Approval of GADs for Canal Crossing falling under N.P. Canal Planning & design division five (5) at Lm. 290+065, 291+275, 307+734, 309+853 and 313+815 and fifteen (15) RCC Box / Hume Pipe - Reg.

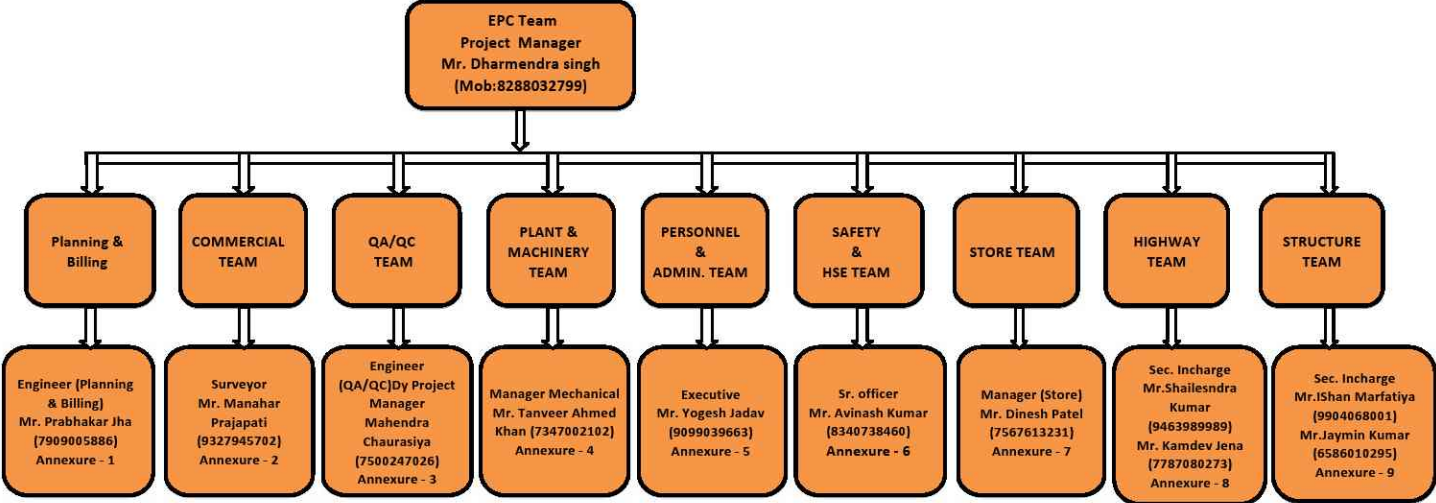
DETAILS OF CORRESPONDENCE BY PVKEPL

Sr. No.	Letter No.	Date	Letter from PVKEPL Reg.
20	PVKEPL/HO/VKP3/IE/226/2019	24.09.2019	Submission of detailed Design and Drawing of 7 nos. of LVUPs
21	PVKEPL/LAB/TEST/GEO/227/2019	24.09.2019	Testing of Materials
22	PVKEPL/HO/VKP3/IE/159/2019	25.09.2019	Physical and Financial Progress Details - Scheduled Vs Achieved since appointed date - back up details requested - Reeg.
23	PVKEPL/VKE3/IE/233/2019	27.09.2019	Submission of Third Party Test Report (ESSAR STEEL) - Reg.
24	PVKEPL/VKE3/IE/234/2019	27.09.2019	Submission of Third Party Test Reprot (Ultratech Cement) - Reg.

Project Organization Chart-Concessionaire



Project Organization Chart- EPC Contractor



Department wist staff List.

Sr.No.	Name	Designation	Contact No.
Annexure - 1-Planning & Billing			
1	Prabhakar Jha	Engineer(QS)	7909005886
2	Madhav Patel	Asst.Engineer(Billing)	9408148601
3	Hardik Makwana	Jr.Engineer(Road)	7226840857
4	Milan Viradiya	GET	7874565155
5	Gurpreet Singh	Asst.Engineer (Billing)	9861114146
6	Gaurav Trivedi	Asst.Engineer (Billing)	8866762484
7	Suraj Choudhary	Jr.Engineer(Road)	7698819859
8	Saurabh Kumar	Asst.Engineer Billing & Planning	8437873208
Annexure - 2-Surveyor			
1	Manahar Prajapati	Sr.Surveyor	9327945702
2	Anirban Bera	Surveyor	8967290192
3	Sunil Kumar Singh	Surveyor(T.S.)	9955954219
4	Sukha ram	Surveyor	8958511793
5	Raj Kumar	Helper(Survey)	8937837423
6	Kanaiyalal Vasava	Helper(Survey)	8140384335
7	Mantu Yadav	Helper(Survey)	9955563236
8	Hareram Singh	Helper(Survey)	7464061349
9	Pramod Kumar	Helper(Survey)	6206436308
10	Yogesh Kumar	Helper(Survey)	9568079549
Annexure - 3 - QA/QC TEAM			
1	K.Sridhar	Dy.Project Manager(QA/QC)	9962540891
2	Mahendra Chaurasiya	Dy.Project Manager(QA/QC)	7500247026
3	Chandra Kanta Giri	Sr.Engineer(QA/QC)	8018503554
4	Rajeshkumar	Asst.Engineer	9643589615
5	Sumit Tyagi	Asst.Engineer (QC)	9116809294
6	Dheeraj Verma	Asst.Engineer (QC)	8858582036
7	Mohammad Dilshad	Asst.Engineer (QC)	7972603504
8	Devendra Shukla	Asst.Engineer (Lab)	7888780172
9	SK Fayzal Hossian	Jr.Engineer	8240007054
10	Rahul Jaiswal	Jr.Engineer(QC)	8574160602
11	Rahul Yadav	Jr.Engineer(QC)	9131386243
12	Jagdish Ahari	Sr.Lab Technician	9983048196
13	Rakesh Patel	Sr.Lab Technician	9558472078
14	Vishal Kumar	Lab Technician	9399871405
15	Shivendra Pratap singh	Lab Technician	7398313547
16	Dharmendra Mishra	Lab Technician	7020441754
17	Rakesh Kumar Rana	Lab Technician	7008707089
18	Md. Sadibul Hoque	Jr. Lab Technician	9382234899
19	Jaypal Chauhan	DET(QC)	9435834116
20	Dhruv Shah	DET(QC)	9265282746
21	Mayur Maurya	DET(QC)	7990135710
22	Md. Murselim	Helper Lab	7478442625
23	Ayush Raj	Helper Lab	-
24	Ramesh Baniara	Helper Lab	8448702054
25	Pappu Baniara	Helper Lab	7878375703
26	Sandeep Kumar	Helper Lab	6391847902
27	Amod Kumar Mandal	Helper Lab	7091344535
28	Ramesh Baniara	Helper Lab	8690477016
29	Md Israfil	Helper Lab	6297083517
30	Selim aktar	Helper Lab	9609896350
31	Samit Kumar	Helper Lab	8542042700

Annexure - 4 - PLANT & MACHINERY TEAM			
1	Tanweer Khan	Manager (Mech)	9801654760
2	Dennis kumar Barik	Engineer(Mech)	8765811398
3	Lavjee Pandey	Diploma Engineer(Mech)	7007156771
4	Prashant Chauhan	Engineer(Mech)	7055928747
5	Shingadiya Abhishek	GET (Mech)	7802927557
6	Nitesh Dwived	Executive (Mech)	9752944977
Annexure - 5 PERSONNEL & ADMIN. TEAM			
1	Keshubahi Vadaliya	Works Manager	9825304715
2	Yogesh Jadav	Admin Executive	9979134220
3	Nil patel	Jr. executive Hr/admin	8128901481
4	Kirtisinh Rathod	Cook	9624914989
5	Ram Dutt	Officer(S&V)	6353216950
6	Rambabu	Sr.Excutive (IT)	9955184876
7	Zahirabbas	Excutive (IT)	7984027257
8	Dharmvir Singh	Supervisor (camp)	8510863727
9	Raman Kumar	Hr Asst.	6297663880
10	Ketan Jadav	Office Asst.	7405342002
11	Sunil singh	Accountant	9881979322
12	Satendra Rawat	Accountant	
Annexure - 6-SAFETY & HSE TEAM			
1	Avinash Kumar	Sr.Officer(Safety)	9105555014
2	Saurav Kumar	Jr.Executive(Safety)	7992449005
3	Shashibhushan	Jr.Executive(Safety)	9372484758
Annexure - 7 - Store & Purchase			
1	Dineshbhai Patel	Store manager	7567613231
2	Harkesh Kumar	Sr.Executive (Store)	9099944089
3	Ramdular	Sr. Excutive (Store)	9925458591
4	Raj Chandra	Excutive (Store)	8307672354
5	Saurabh Kumar	Excutive (Store)	7259225175
6	Punjabhai Ahir	Excutive (Store)	9429559208
7	Sonu Singh	Jr.Executive (Store)	9792706029
8	Lovejee Paswan	Jr. Executive(Wight Bridge)	9598481925
9	Ajay Kumar	Jr. Executive(Wight Bridge)	
10	Narendra Kumar	Jr. Executive(Wight Bridge)	9904652752
11	Singh Raj Singh	Jr. Executive (Stroe)	9528095708
12	Heera Singh	Jr. Executive (Stroe)	-
13	Suresh Chand	Jr. Executive (Stroe)	9720112174
14	Patel Vishalkumar	Jr. Executive (Stroe)	9664966338
15	Ashok kumar	Supervisor (Store)	7764924325
16	Monu Yadav	Supervisor (Store)	8889307582
17	Santosh Kumar	Helper(Store)	8872817584
18	Haresh Joshi	Sr.Supervisor	7877329332
19	Ratan Parmar	Sr.Supervisor	9727470811
20	Rajvir Singh	Supervisor(Crusher)	9079165326
21	Anurag Kumar	Asst.Executive (Purchase)	8360776495

Annexure - 8 - Highway Team			
1	Mayur Pavagadhi	Dy.Project Manager(Highway)	9662916254
2	Shailesndra Kumar	Sr.Engineer (Highway)	8518033148
3	Anand Kumar Dubey	Sr.Engineer (Highway)	9935350474
4	Kamdev Jena	Sr.Engineer (Highway)	7787080273
5	Raghib Anjum	Asst.Engineer (Highway)	7282048820
6	Sujeet Kumar	Jr.Engineer(Highway)	9876190047
7	Manas Biranchi	Jr.Engineer(Highway)	0
8	Amrendra Kumar	Jr.engineer (Highway)	8507481490
9	Rajgourav Singh	Jr.engineer (Highway)	7565984170
10	Jayesh Parmar	Jr.engineer (Highway)	7359354583
11	Hitendra Pranami	Jr.engineer (Highway)	8141854314
12	Sanjay Dubey	Supervisor (Civil)	7327973510
13	Mukesh Kumar	Supervisor (Road)	9009822703
14	Yogesh Kumar Khant	Supervisor (Highway)	-
15	Subhash	Jr. Supervisor	8873243252
Annexure - 9 - Structure Team			
1	Vijay kumar Joshi	Dy.Project Manager(Structure)	8827215489
2	Ishan Marfatiya	Sr.Engineer (Structure)	9904068001
3	Jaymin Kumar	Engineer (Structure)	9586010295
4	Amar Bera	Engineer (Structure)	7896768476
5	Rahul Kumar Dogra	Asst.Engineer(Structure)	9816839095
6	Subhasish Panigrahi	Asst.Engineer(Structure)	9777784634
7	Gurdeep Singh	Asst.Engineer(Structure)	9554355552
8	Yallaling	Asst.Engineer(Structure)	8861503420
9	Asidur Rahaman	Asst.Engineer(Structure)	6297952869
10	Amit Kumar	Jr.engineer (Structure)	
11	Shankar manna	Jr.engineer (Structure)	8348074649
12	Bramanand Jha	Site Supervisor	8298545602
13	Trapasiya Nitin Chaturbhai	GET (Structure)	8469524644
14	Vijay Krishna	Supervisor	9816259032
Liasion Dept.			
1	Ajay Patel	AGM(Liasion)	9825837364
2	V. K. Parikh	Sr. Project Manager	9879516342
3	Bipin Patel	Dy.Manager(Liasion)	9099984011
4	Jaldeep Pathak	Sr.Executive(Liasion)	8866439316
5	Hairsh Singh	Sr.Executive(Liasion)	9958655637

RFI Summary

Sr. NO.	RFI NO.	Inspection Time	Inspection date	Item Description	Chainage	Side	Contact Person	Remarks	Approved/ Not Approved
BRIDGES & STRUCTURES									
1	VKE-3/PIL/STR/3253	2:00 PM	2-Sep-19	Checking the Bore Depth and Reinforcement of Pile A2	318+870	LHS	Mr. A. Rahaman	MJB, Pile No 32	Not Approved
2	VKE-3/PIL/STR/3254	4:00 PM	2-Sep-19	Checking of Concreting of Pile A2	318+870	LHS		MJB, Pile No 41	Not Approved
3	VKE-3/PIL/STR/3255	3:00 PM	2-Sep-19	Checking the Bore Depth and Reinforcement of Pile A2	318+870	RHS	Mr. Amar Bera	MJB, Pile No 31	Approved
4	VKE-3/PIL/STR/3256	5:00 PM	2-Sep-19	Checking of Concreting of Pile A2	318+870	RHS		FO, Pile No 31	Not Approved
5	VKE-3/PIL/STR/3257	2:30 PM	2-Sep-19	Checking the Bore Depth and Reinforcement of Pile P2	299+354	LHS	Mr. Rahul	ROB, Pile No 114	Not Approved
6	VKE-3/PIL/STR/3258	4:30 PM	2-Sep-19	Checking of Concreting of Pile P2	299+354	LHS		ROB, Pile No 115	Not Approved
7	VKE-3/PIL/STR/3259	9:00 AM	2-Sep-19	Checking the Bore Depth and Reinforcement of Pile P5	293+014	LHS	Mr. Gurdeep	MNB	Not Approved
8	VKE-3/PIL/STR/3260	11:00 AM	2-Sep-19	Checking of Concreting of Pile P5	293+014	LHS			Not Approved
9	VKE-3/PIL/STR/3261	9:30 AM	2-Sep-19	Checking the Bore Depth and Reinforcement of Pile P5	293+014	LHS	Mr. A. Rahaman		Not Approved
10	VKE-3/PIL/STR/3262	11:30 AM	2-Sep-19	Checking of Concreting of Pile P5	293+014	LHS			Not Approved
11	VKE-3/PIL/STR/3263	3:00 PM	2-Sep-19	Checking of Excavation and Layout of Pile Cap A1	307+733	LHS	Mr. Gurdeep		Not Approved
12	VKE-3/PIL/STR/3264	4:00 PM	2-Sep-19	Pouring M25 grade of PCC for Pile Cap A1	307+733	LHS			Not Approved
13	VKE-3/PIL/STR/3265	2:30 PM	3-Sep-19	Checking the Bore Depth of Pile A2	318+870	LHS	Mr. A. Rahaman	Pile No 32	Not Approved
14	VKE-3/PIL/STR/3266	3:00 PM	3-Sep-19	Checking of Reinforcement of Pile A2	318+870	LHS			Not Approved
15	VKE-3/PIL/STR/3267	4:30 PM	3-Sep-19	Checking of Concreting of Pile A2	318+870	LHS	Mr. Amar Bera	Pile No 42	Not Approved
16	VKE-3/PIL/STR/3268	3:00 PM	3-Sep-19	Checking the Bore Depth of Pile A2	318+870	RHS			Not Approved
17	VKE-3/PIL/STR/3269	4:00 PM	3-Sep-19	Checking of Reinforcement of Pile A2	318+870	RHS	Mr. Rahul		Not Approved
18	VKE-3/PIL/STR/3270	5:00 PM	3-Sep-19	Checking of Concreting of Pile A2	318+870	RHS			Not Approved
19	VKE-3/PIL/STR/3271	2:30 PM	3-Sep-19	Checking the Bore Depth of Pile P2	299+354	LHS	Mr. Amar Bera	Pile No 31	Not Approved
20	VKE-3/PIL/STR/3272	3:00 PM	3-Sep-19	Checking of Reinforcement of Pile P2	299+354	LHS			Not Approved
21	VKE-3/PIL/STR/3273	4:30 PM	3-Sep-19	Checking of Concreting of Pile P2	299+354	LHS	Mr. Rahul		Not Approved
22	VKE-3/PIL/STR/3274	9:00 AM	3-Sep-19	Checking the Bore Depth of Pile P5	293+014	LHS			Approved
23	VKE-3/PIL/STR/3275	10:00 AM	3-Sep-19	Checking of Reinforcement of Pile P5	293+014	LHS	Mr. Rahul	Pile No 114	Approved
24	VKE-3/PIL/STR/3276	11:00 AM	3-Sep-19	Checking of Concreting of Pile P5	293+014	LHS			Approved
25	VKE-3/PIL/STR/3277	9:30 AM	3-Sep-19	Checking the Bore Depth of Pile P5	293+014	LHS	Mr. Rahul	Pile No 115	Not Approved
26	VKE-3/PIL/STR/3278	10:30 AM	3-Sep-19	Checking of Reinforcement of Pile P5	293+014	LHS			Not Approved
27	VKE-3/PIL/STR/3279	11:30 AM	3-Sep-19	Checking of Concreting of Pile P5	293+014	LHS	Mr. Rahul		Not Approved
28	VKE-3/PIL/STR/3280	9:00 AM	3-Sep-19	Layout checking of Pier Shaft 1st lift	293+014	LHS			Not Approved
29	VKE-3/PIL/STR/3281	9:30 AM	3-Sep-19	Checking of reinforcement, shuttering & pouring of concrete in Pier Shaft 1st Lift	293+014	LHS	Mr. Shankar	P1	Not Approved
30	VKE-3/PIL/STR/3282	10:00 AM	3-Sep-19	Layout checking of Pier Shaft 1st lift	293+014	RHS			Not Approved
31	VKE-3/PIL/STR/3283	10:30 AM	3-Sep-19	Checking of reinforcement, shuttering & pouring of concrete in Pier Shaft 1st Lift	293+014	RHS	Mr. Jaymin	P1	Not Approved
32	VKE-3/PIL/STR/3284	9:00 AM	3-Sep-19	Checking of Reinforcement of haunch at A1 end	311+047	LHS			Approved
33	VKE-3/PIL/STR/3285	10:00 AM	3-Sep-19	Checking of shuttering of haunch at A1 end	311+047	LHS	Mr. Jaymin	A1 end	Approved
34	VKE-3/PIL/STR/3286	11:00 AM	3-Sep-19	Pouring M35 grade of Concrete on haunch at A1 end	311+047	LHS			Approved
35	VKE-3/PIL/STR/3287	10:00 AM	3-Sep-19	Checking of layout of Abutment A2	321+253	BHS	Mr. Amar Bera	A2	Approved
36	VKE-3/PIL/STR/3288	11:00 AM	3-Sep-19	Checking of concreting for starter of Abutment A2	321+253	BHS			Approved
37	VKE-3/PIL/STR/3289	2:30 PM	4-Sep-19	Checking the Bore Depth and Reinforcement of Pile P2	299+354	LHS	Mr. Jaymin	Pile No 31	Approved
38	VKE-3/PIL/STR/3290	3:00 PM	4-Sep-19	Checking of Concreting of Pile P2	299+354	LHS			Approved
39	VKE-3/PIL/STR/3291	2:30 PM	4-Sep-19	Checking the Bore Depth and Reinforcement of Pile A2	318+870	LHS	Mr. Jaymin	Pile No 29	Approved
40	VKE-3/PIL/STR/3292	3:00 PM	4-Sep-19	Checking of Concreting of Pile A2	318+870	LHS			Approved
41	VKE-3/PIL/STR/3293	3:30 PM	4-Sep-19	Checking the Bore Depth and Reinforcement of Pile A2	318+870	RHS	Mr. Jaymin	Pile No 42	Approved
42	VKE-3/PIL/STR/3294	4:00 PM	4-Sep-19	Checking of Concreting of Pile A2	318+870	RHS			Approved

Annexure-03 RFI summary

Sr. NO.	RFI NO.	Inspection Time	Inspection date	Item Description	Chainage	Side	Contact Person	Remarks	Approved/ Not Approved
43	VKE-3/PIL/STR/3295	3:00 PM	4-Sep-19	Checking of Excavation and Layout of Pile Cap A1	307+733	LHS	Mr. Gurdeep	MNB	Approved
44	VKE-3/PIL/STR/3296	4:00 PM	4-Sep-19	Pouring M25 grade of PCC for Pile Cap A1	307+733	LHS	Mr. Gurdeep	MNB	Approved
45	VKE-3/PIL/STR/3297	9:00 AM	4-Sep-19	Checking of Reinforcement and Formwork for raft	316+420	RHS	Mr. Ishan	BC	Not Approved
46	VKE-3/PIL/STR/3298	11:00 AM	4-Sep-19	Pouring M30 grade of concrete for raft	316+420	RHS	Mr. Ishan	BC	Not Approved
47	VKE-3/PIL/STR/3299	9:00 AM	4-Sep-19	Checking the Bore Depth and Reinforcement of Pile P5	293+014	LHS	Mr. Ishan	BC	Not Approved
48	VKE-3/PIL/STR/3300	10:00 AM	4-Sep-19	Checking of Concreting of Pile P5	293+014	LHS	Mr. Ishan	Pile No 113	Not Approved
49	VKE-3/PIL/STR/3301	9:30 AM	4-Sep-19	Checking the Bore Depth and Reinforcement of Pile P5	293+014	LHS	Mr. Ishan	Pile No 113	Not Approved
50	VKE-3/PIL/STR/3302	10:30 AM	4-Sep-19	Checking of Concreting of Pile P5	293+014	LHS	Mr. Ishan	Pile No 115	Not Approved
51	VKE-3/PIL/STR/3303	9:00 AM	4-Sep-19	Layout checking of Pier Shaft 1st lift	293+014	LHS	Mr. Ishan	Pile No 115	Not Approved
52	VKE-3/PIL/STR/3304	9:30 AM	4-Sep-19	Checking of reinforcement, shuttering & pouring of concrete in Pier Shaft 1st Lift	293+014	LHS	Mr. Rahul	P1	Approved
53	VKE-3/PIL/STR/3305	10:00 AM	4-Sep-19	Layout checking of Pier Shaft 1st lift	293+014	RHS	Mr. Rahul	P1	Approved
54	VKE-3/PIL/STR/3306	10:30 AM	4-Sep-19	Checking of reinforcement, shuttering & pouring of concrete in Pier Shaft 1st Lift	293+014	RHS	Mr. Rahul	P1	Approved
55	VKE-3/PIL/STR/3307	11:00 AM	4-Sep-19	Checking of Reinforcement and Formwork of Pile Cap	293+014	LHS	Mr. Rahul	P2	Not Approved
56	VKE-3/PIL/STR/3308	11:30 AM	4-Sep-19	Pouring M35 grade of concrete for Pile Cap	293+014	LHS	Mr. Rahul	P2	Not Approved
57	VKE-3/PIL/STR/3309	9:00 AM	5-Sep-19	Checking of Reinforcement and Formwork of A1 wall 1st lift	311+047	LHS	Mr. Shankar	A1	Approved
58	VKE-3/PIL/STR/3310	9:30 AM	5-Sep-19	Pouring M35 grade of concrete for A1 wall 1st lift	311+047	LHS	Mr. Shankar	A1	Approved
59	VKE-3/PIL/STR/3311	10:00 AM	5-Sep-19	Checking of Reinforcement and Formwork of haunch	311+047	LHS	Mr. Shankar	A2	Approved
60	VKE-3/PIL/STR/3312	10:30 AM	5-Sep-19	Pouring M35 grade of concrete for haunch	311+047	LHS	Mr. Shankar	A2	Approved
61	VKE-3/PIL/STR/3313	2:30 PM	5-Sep-19	Checking the Bore Depth and Reinforcement of Pile at A2	318+870	LHS	Mr. A. Rahaman	Pile No 32	Approved
62	VKE-3/PIL/STR/3314	3:00 PM	5-Sep-19	Checking of Concreting of Pile at A2	318+870	LHS	Mr. A. Rahaman	Pile No 32	Approved
63	VKE-3/PIL/STR/3315	3:30 PM	5-Sep-19	Checking the Bore Depth and Reinforcement of Pile at A2	318+870	RHS	Mr. A. Rahaman	Pile No 39	Not Approved
64	VKE-3/PIL/STR/3316	4:00 PM	5-Sep-19	Checking of Concreting of Pile at A2	318+870	RHS	Mr. A. Rahaman	Pile No 39	Not Approved
65	VKE-3/PIL/STR/3317	2:30 PM	5-Sep-19	Checking the Bore Depth and Reinforcement of Pile P2	299+354	LHS	Mr. Amar Bera	Pile No 33	Not Approved
66	VKE-3/PIL/STR/3318	3:00 PM	5-Sep-19	Checking of Concreting of Pile P2	299+354	LHS	Mr. Amar Bera	Pile No 33	Not Approved
67	VKE-3/PIL/STR/3319	9:00 AM	6-Sep-19	Checking of reinforcement & shuttering of Pier Shaft 1st Lift	293+014	LHS	Mr. Rahul	p1	Approved
68	VKE-3/PIL/STR/3320	10:00 AM	6-Sep-19	Pouring M35 grade of concrete in Pier Shaft 1st Lift	293+014	LHS	Mr. Rahul	p1	Approved
69	VKE-3/PIL/STR/3321	9:30 AM	6-Sep-19	Checking of reinforcement & shuttering of Pier Shaft 1st Lift	293+014	RHS	Mr. Rahul	P1	Approved
70	VKE-3/PIL/STR/3322	10:30 AM	6-Sep-19	Pouring M35 grade of concrete in Pier Shaft 1st Lift	293+014	RHS	Mr. Rahul	P1	Approved
71	VKE-3/PIL/STR/3323	11:00 AM	6-Sep-19	Checking of Reinforcement and Formwork of Pile Cap	293+014	LHS	Mr. Rahul	P2	Approved
72	VKE-3/PIL/STR/3324	11:30 AM	6-Sep-19	Pouring M35 grade of concrete for Pile Cap	293+014	LHS	Mr. Rahul	P2	Approved
73	VKE-3/PIL/STR/3325	3:00 PM	6-Sep-19	Checking of Excavation and Layout of Pile Cap A1	307+733	RHS	Mr. Gurdeep	A1	Not Approved
74	VKE-3/PIL/STR/3326	4:00 PM	6-Sep-19	Pouring M25 grade of PCC for Pile Cap A1	307+733	RHS	Mr. Gurdeep	A1	Not Approved
75	VKE-3/PIL/STR/3327	12:30 PM	6-Sep-19	Checking of Reinforcement and foam work of Abutment wall 1st lift	321+253	LHS	Mr. Jaymin	A2	Approved
76	VKE-3/PIL/STR/3328	2:00 PM	6-Sep-19	Pouring M35 grade of concrete for Abutment wall 1st lift	321+253	LHS	Mr. Jaymin	A2	Not Approved
77	VKE-3/PIL/STR/3329	2:30 PM	7-Sep-19	Checking the Bore Depth and Reinforcement of Pile at A2	318+870	LHS	Mr. A. Rahaman	Pile No 30	Approved
78	VKE-3/PIL/STR/3330	3:00 PM	7-Sep-19	Checking of Concreting of Pile at A2	318+870	LHS	Mr. A. Rahaman	Pile No 30	Approved
79	VKE-3/PIL/STR/3331	3:30 PM	7-Sep-19	Checking the Bore Depth and Reinforcement of Pile at A2	318+870	RHS	Mr. A. Rahaman	Pile No 39	Approved
80	VKE-3/PIL/STR/3332	4:00 PM	7-Sep-19	Checking of Concreting of Pile at A2	318+870	RHS	Mr. A. Rahaman	Pile No 39	Approved

Annexure-03 RFI summary

Sr. NO.	RFI NO.	Inspection Time	Inspection date	Item Description	Chainage	Side	Contact Person	Remarks	Approved/ Not Approved
81	VKE-3/PIL/STR/3333	10:00 AM	7-Sep-19	Pouring M35 grade of concrete for Pile Cap	293+014	LHS	Mr. Rahul	P2	Not Approved
82	VKE-3/PIL/STR/3334	9:00 AM	7-Sep-19	Pouring M35 grade of concrete for Abutment wall 1st lift	321+253	LHS	Mr. Jaymin	A2	Approved
83	VKE-3/PIL/STR/3335	2:30 PM	7-Sep-19	Checking the Bore Depth and Reinforcement of Pile P2	299+354	LHS	Mr. Amar Bera	Pile No 33	Not Approved
84	VKE-3/PIL/STR/3336	3:00 PM	7-Sep-19	Checking of Concreting of Pile P2	299+354	LHS	Mr. Amar Bera		Not Approved
85	VKE-3/PIL/STR/3337	2:30 PM	8-Sep-19	Checking the Bore Depth and Reinforcement of Pile at P2	299+354	LHS	Mr. Amar Bera	Pile No 33	Approved
86	VKE-3/PIL/STR/3338	3:00 PM	8-Sep-19	Checking of Concreting of Pile at P2	299+354	LHS		Approved	
87	VKE-3/PIL/STR/3339	3:30 PM	8-Sep-19	Checking of layout and excavation for Pile Cap at A1	299+354	RHS		A1	Approved
88	VKE-3/PIL/STR/3340	10:00 AM	8-Sep-19	Pouring M35 grade of concrete for Pile Cap at P2	293+014	LHS	Mr. Rahul	P2	Not Approved
89	VKE-3/PIL/STR/3341	3:00 PM	8-Sep-19	Checking of Excavation and Layout of Pile Cap at A1	307+733	RHS	Mr. Gurdeep	A1	Approved
90	VKE-3/PIL/STR/3342	4:00 PM	8-Sep-19	Pouring M25 grade of PCC for Pile Cap at A1	307+733	RHS			Approved
91	VKE-3/PIL/STR/3343	2:30 PM	8-Sep-19	Checking the Bore Depth and Reinforcement of Pile at A2	318+870	RHS	Mr. A. Rahaman	Pile No 37	Not Approved
92	VKE-3/PIL/STR/3344	3:00 PM	8-Sep-19	Checking of Concreting of Pile at A2	318+870	RHS			Not Approved
93	VKE-3/PIL/STR/3345	10:00 AM	9-Sep-19	Pouring M35 grade of concrete for Pile Cap at P2	293+014	LHS	Mr. Rahul	P2	Not Approved
94	VKE-3/PIL/STR/3346	2:00 PM	9-Sep-19	Checking the Bore Depth and Reinforcement of Pile at A2	318+870	LHS	Mr. Jaymin	Pile No 27	Not Approved
95	VKE-3/PIL/STR/3347	3:00 PM	9-Sep-19	Checking of Concreting of Pile at A2	318+870	LHS			Not Approved
96	VKE-3/PIL/STR/3348	3:30 PM	9-Sep-19	Checking the Bore Depth and Reinforcement of Pile at A2	318+870	RHS		Pile No 37	Approved
97	VKE-3/PIL/STR/3349	4:30 PM	9-Sep-19	Checking of Concreting of Pile at A2	318+870	RHS			Approved
98	VKE-3/PIL/STR/3350	3:00 PM	9-Sep-19	Checking of layout and concreting of Pier starter.	321+253	LHS			Not Approved
99	VKE-3/PIL/STR/3351	2:30 PM	9-Sep-19	Checking of layout and excavation for Pile Cap at A1	299+354	LHS	Mr. Amar Bera	A1	Approved
100	VKE-3/PIL/STR/3352	3:00 PM	9-Sep-19	Pouring M25 grade of PCC for Pile Cap at A1	299+354	LHS			Not Approved
101	VKE-3/PIL/STR/3353	3:30 PM	9-Sep-19	Pouring M25 grade of PCC for Pile Cap at A1	299+354	RHS			Not Approved
102	VKE-3/PIL/STR/3354	9:00 AM	9-Sep-19	Checking of Reinforcement and Formwork of A2 wall 1st lift	311+047	LHS	Mr. A. Rahaman	A2	Not Approved
103	VKE-3/PIL/STR/3355	11:00 AM	9-Sep-19	Pouring M35 grade of concrete at A2 wall 1st lift	311+047	LHS			Not Approved
104	VKE-3/PIL/STR/3356	3:00 PM	9-Sep-19	Checking of Reinforcement and Formwork of A1 wall 2nd lift	311+047	LHS		A1	Not Approved
105	VKE-3/PIL/STR/3357	4:00 PM	9-Sep-19	Pouring M35 grade of concrete at A1 wall 2nd lift	311+047	LHS			Not Approved
106	VKE-3/PIL/STR/3358	3:00 PM	10-Sep-19	Checking of initial load test on test pile at A2	307+733	LHS	Mr. Gurdeep	A2	Not Approved
107	VKE-3/PIL/STR/3359	10:00 AM	10-Sep-19	Checking of Reinforcement and Formwork of Pier shaft 2nd lift	293+014	LHS	Mr. Rahul	p1	Not Approved
108	VKE-3/PIL/STR/3360	10:30 AM	10-Sep-19	Pouring M35 grade of concrete for Pier shaft 2nd lift	293+014	LHS			Not Approved
109	VKE-3/PIL/STR/3361	3:00 PM	10-Sep-19	Pouring M25 grade of PCC for Pile Cap at A1	299+354	LHS	Mr. Amar Bera	A1	Not Approved
110	VKE-3/PIL/STR/3362	3:30 PM	10-Sep-19	Pouring M25 grade of PCC for Pile Cap at A1	299+354	RHS			Not Approved
111	VKE-3/PIL/STR/3363	2:00 PM	10-Sep-19	Checking the Bore Depth and Reinforcement of Pile at A2	318+870	LHS	Mr. A. Rahaman	Pile No 27	Not Approved
112	VKE-3/PIL/STR/3364	3:00 PM	10-Sep-19	Checking of Concreting of Pile at A2	318+870	LHS			Not Approved
113	VKE-3/PIL/STR/3365	3:30 PM	10-Sep-19	Checking the Bore Depth and Reinforcement of Pile at A2	318+870	RHS		Pile No 40	Not Approved
114	VKE-3/PIL/STR/3366	4:00 PM	10-Sep-19	Checking of Concreting of Pile at A2	318+870	RHS			Not Approved
115	VKE-3/PIL/STR/3367	3:00 PM	10-Sep-19	Checking of layout and concreting of Pier starter.	321+253	LHS			Not Approved
116	VKE-3/PIL/STR/3368	11:00 AM	10-Sep-19	Checking of Reinforcement and Formwork of Abutment wall 1st lift	321+253	RHS	Mr. Jaymin		Approved

Annexure-03 RFI summary

Sr. NO.	RFI NO.	Inspection Time	Inspection date	Item Description	Chainage	Side	Contact Person	Remarks	Approved/ Not Approved
117	VKE-3/PIL/STR/3369	1:00 PM	10-Sep-19	Pouring M35 grade of concrete for Abutment wall 1st lift	321+253	RHS		A2	Approved
118	VKE-3/PIL/STR/3370	9:00 AM	10-Sep-19	Checking of Reinforcement and Formwork of A2 wall 1st lift	311+047	LHS	Mr. Shankar	A2	Not Approved
119	VKE-3/PIL/STR/3371	11:00 AM	10-Sep-19	Pouring M35 grade of concrete at A2 wall 1st lift	311+047	LHS		A1	Not Approved
120	VKE-3/PIL/STR/3372	3:00 PM	10-Sep-19	Checking of Reinforcement and Formwork of A1 wall 2nd lift	311+047	LHS		A1	Not Approved
121	VKE-3/PIL/STR/3373	4:00 PM	10-Sep-19	Pouring M35 grade of concrete at A1 wall 2nd lift	311+047	LHS		A1	Not Approved
122	VKE-3/PIL/STR/3374	2:00 PM	11-Sep-19	Checking the Bore Depth and Reinforcement of Pile at A2	318+870	LHS	Mr. A. Rahaman	Pile No 27	Approved
123	VKE-3/PIL/STR/3375	3:00 PM	11-Sep-19	Checking of Concreting of Pile at A2	318+870	LHS		Pile No 40	Approved
124	VKE-3/PIL/STR/3376	3:30 PM	11-Sep-19	Checking the Bore Depth and Reinforcement of Pile at A2	318+870	RHS	Mr. A. Rahaman	Pile No 40	Approved
125	VKE-3/PIL/STR/3377	4:30 PM	11-Sep-19	Checking of Concreting of Pile at A2	318+870	RHS		Pile No 40	Approved
126	VKE-3/PIL/STR/3378	10:00 AM	11-Sep-19	Routine test for section of pile at Abutment A2	318+870	BHS	Mr. Ishan	A2	Approved
127	VKE-3/PIL/STR/3379	2:00 PM	12-Sep-19	Checking the Bore Depth and Reinforcement of Pile at A2	318+870	LHS	Mr. A. Rahaman	Pile No 25	Not Approved
128	VKE-3/PIL/STR/3380	3:00 PM	12-Sep-19	Checking of Concreting of Pile at A2	318+870	LHS		Pile No 25	Not Approved
129	VKE-3/PIL/STR/3381	3:30 PM	12-Sep-19	Checking the Bore Depth and Reinforcement of Pile at A2	318+870	RHS		Pile No 38	Approved
130	VKE-3/PIL/STR/3382	4:30 PM	12-Sep-19	Checking of Concreting of Pile at A2	318+870	RHS		Pile No 38	Approved
131	VKE-3/PIL/STR/3383	9:00 AM	12-Sep-19	Checking of Reinforcement and Formwork of A1 wall 2nd lift	311+047	LHS	Mr. Shankar	A1	Approved
132	VKE-3/PIL/STR/3384	11:00 AM	12-Sep-19	Pouring M35 grade of concrete at A1 wall 2nd lift	311+047	LHS		A1	Approved
133	VKE-3/PIL/STR/3385	3:00 PM	13-Sep-19	Checking of initial load test on test pile at A2	307+733	LHS	Mr. Gurdeep	A2	Approved
134	VKE-3/PIL/STR/3386	2:00 PM	13-Sep-19	Checking the Bore Depth and Reinforcement of Pile at A2	318+870	LHS	Mr. A. Rahaman	Pile No 25	Approved
135	VKE-3/PIL/STR/3387	3:00 PM	13-Sep-19	Checking of Concreting of Pile at A2	318+870	LHS		Pile No 25	Approved
136	VKE-3/PIL/STR/3388	9:00 AM	13-Sep-19	Checking of Reinforcement and Formwork of A2 wall 1st lift	311+047	LHS	Mr. Shankar	A2	Approved
137	VKE-3/PIL/STR/3389	11:00 AM	13-Sep-19	Pouring M35 grade of concrete at A2 wall 1st lift	311+047	LHS		A2	Approved
138	VKE-3/PIL/STR/3390	10:00 AM	13-Sep-19	Checking of Reinforcement and Formwork of Pier shaft 2nd lift	293+014	LHS	Mr. Rahul	P1	Approved
139	VKE-3/PIL/STR/3391	11:00 AM	13-Sep-19	Pouring M35 grade of concrete for Pier shaft 2nd lift	293+014	LHS		P1	Not Approved
140	VKE-3/PIL/STR/3392	10:00 AM	14-Sep-19	Pouring M35 grade of concrete for Pier shaft 2nd lift	293+014	LHS	Mr. Rahul	P1	Approved
141	VKE-3/PIL/STR/3393	2:00 PM	14-Sep-19	Checking the Bore Depth and Reinforcement of Pile at A2	318+870	LHS	Mr. A. Rahaman	Pile No 28	Not Approved
142	VKE-3/PIL/STR/3394	3:00 PM	14-Sep-19	Checking of Concreting of Pile at A2	318+870	LHS		Pile No 28	Not Approved
143	VKE-3/PIL/STR/3395	11:00 AM	14-Sep-19	Checking of Reinforcement and Formwork of Abutment wall A2 1st lift	321+253	RHS	Mr. Jaymin	A2	Not Approved
144	VKE-3/PIL/STR/3396	11:30 AM	14-Sep-19	Checking of Reinforcement and Formwork of Abutment wall A2 2nd lift	321+253	LHS		A2	Not Approved
145	VKE-3/PIL/STR/3397	10:00 AM	15-Sep-19	Pouring M35 grade of concrete for Abutment wall A2 1st lift	321+253	RHS	Mr. Jaymin	A2	Approved
146	VKE-3/PIL/STR/3398	11:00 AM	15-Sep-19	Pouring M35 grade of concrete for Abutment wall A2 2nd lift	321+253	LHS		A2	Approved

Annexure-03 RFI summary

Sr. NO.	RFI NO.	Inspection Time	Inspection date	Item Description	Chainage	Side	Contact Person	Remarks	Approved/ Not Approved
147	VKE-3/PIL/STR/3399	2:00 PM	15-Sep-19	Checking the Bore Depth and Reinforcement of Pile at A2	318+870	LHS	Mr. A. Rahaman	Pile No 26	Not Approved
148	VKE-3/PIL/STR/3400	3:00 PM	15-Sep-19	Checking of Concreting of Pile at A2	318+870	LHS			Not Approved
149	VKE-3/PIL/STR/3401	10:00 AM	15-Sep-19	Pouring of M25 grade of PCC for Pile cap at A1	299+354	RHS	Mr. Amar Bera	A1	Approved
150	VKE-3/PIL/STR/3402	2:00 PM	15-Sep-19	Checking the Bore Depth and Reinforcement of Pile at A2	318+870	LHS	Mr. A. Rahaman	Pile No 28	Not Approved
151	VKE-3/PIL/STR/3403	3:00 PM	15-Sep-19	Checking of Concreting of Pile at A2	318+870	LHS		SPOT RFI	Not Approved
152	VKE-3/PIL/STR/3404	9:00 AM	16-Sep-19	Checking of Reinforcement and Formwork of A2 wall 2nd lift.	311+047	LHS	Mr. Shankar	A2 LVUP	Approved
153	VKE-3/PIL/STR/3405	11:00 AM	16-Sep-19	Pouring M35 grade of concrete on A2 wall 2nd lift.	311+047	LHS		Approved	
154	VKE-3/PIL/STR/3406	9:00 AM	16-Sep-19	Checking of Reinforcement and Shuttering of A1 wall 2nd lift.	311+650	RHS		A1 PUP	Not Approved
155	VKE-3/PIL/STR/3407	12:00 PM	16-Sep-19	Pouring M35 grade of concrete on A1 wall 2nd lift.	311+650	RHS		Not Approved	
156	VKE-3/PIL/STR/3408	9:30 AM	16-Sep-19	Checking of Reinforcement and Formwork of A2 haunch	311+650	RHS		A2 PUP	Not Approved
157	VKE-3/PIL/STR/3409	12:00 PM	16-Sep-19	Pouring M35 grade of concrete on A2 haunch	311+650	RHS		Not Approved	
158	VKE-3/PIL/STR/3410	2:00 PM	16-Sep-19	Checking the Bore Depth and Reinforcement of Pile at A2	318+870	LHS	Mr. A. Rahaman	Pile No 28 MJB	Approved
159	VKE-3/PIL/STR/3411	3:00 PM	16-Sep-19	Checking of Concreting of Pile at A2	318+870	LHS			Approved
160	VKE-3/PIL/STR/3412	11:00 AM	16-Sep-19	Pouring M35 grade of concrete for A2 wall 2nd lift	321+253	LHS	Mr. Jaymin	A2 MJB	Approved
161	VKE-3/PIL/STR/3413	9:00 AM	16-Sep-19	Checking of Reinforcement and Formwork of pile cap	293+014	RHS	Mr. Rahul	P3 ROB	Approved
162	VKE-3/PIL/STR/3414	10:00 AM	16-Sep-19	Pouring M35 grade of concrete for Pile Cap at P2	293+014	LHS		SPOT RFI	Approved
163	VKE-3/PIL/STR/3415	9:00 AM	17-Sep-19	Checking of Reinforcement and Formwork of Pier shaft 2nd lift	293+014	RHS		P1 ROB	Approved
164	VKE-3/PIL/STR/3416	10:00 AM	17-Sep-19	Pouring M35 grade of concrete for Pier shaft 2nd lift	293+014	RHS		Approved	
165	VKE-3/PIL/STR/3417	10:30 AM	17-Sep-19	Checking of Reinforcement and Formwork of Pile Cap	293+014	RHS		P3 ROB	Not Approved
166	VKE-3/PIL/STR/3418	11:30 AM	17-Sep-19	Pouring M35 grade of concrete for Pile Cap	293+014	RHS	Mr. Vijay	VUP	Not Approved
167	VKE-3/PIL/STR/3419	9:00 AM	17-Sep-19	Checking of Reinforcement and Formwork of Raft	303+808	RHS	Mr. Ishan	PUP	Approved
168	VKE-3/PIL/STR/3420	9:00 AM	17-Sep-19	Checking of Reinforcement and Formwork of Raft	295+151	RHS		Not Approved	
169	VKE-3/PIL/STR/3421	10:00 AM	17-Sep-19	Pouring M35 grade of concrete for Raft	295+151	RHS		pup	Approved
170	VKE-3/PIL/STR/3422	8:00 AM	17-Sep-19	Checking of Reinforcement and Formwork of Slab	298+380	RHS		Approved	
171	VKE-3/PIL/STR/3423	9:00 AM	17-Sep-19	Pouring M35 grade of concrete for Slab	298+380	RHS			Approved
172	VKE-3/PIL/STR/3424	9:00 AM	17-Sep-19	Checking of Reinforcement and Shuttering of A1 wall 2nd lift.	311+650	RHS	Mr. Ishan	A1 PUP	Not Approved
173	VKE-3/PIL/STR/3425	10:00 AM	17-Sep-19	Pouring M35 grade of concrete on A1 wall 2nd lift.	311+650	RHS		Not Approved	
174	VKE-3/PIL/STR/3426	9:30 AM	17-Sep-19	Checking of Reinforcement and Formwork of A2 haunch	311+650	RHS		A2 PUP	Not Approved
175	VKE-3/PIL/STR/3427	12:00 PM	17-Sep-19	Pouring M35 grade of concrete on A2 haunch	311+650	RHS			Not Approved
176	VKE-3/PIL/STR/3428	9:00 AM	17-Sep-19	Checking of Layout & excavation of PUP	295+990	BHS	Mr. B.N Jha	PUP	Not Approved
177	VKE-3/PIL/STR/3429	2:00 PM	17-Sep-19	Checking of Layout and Excavation of Pile Cap	307+733	RHS	Mr. Gurdeep	A2 MNB	Not Approved
178	VKE-3/PIL/STR/3430	3:00 PM	17-Sep-19	Pouring M25 grade of PCC for Pile Cap	307+733	RHS			Not Approved
179	VKE-3/PIL/STR/3431	9:00 AM	18-Sep-19	Checking the Bore Depth and Reinforcement of Pile at A2	318+870	LHS	Mr. A. Rahaman	Pile No 26 MJB	Approved
180	VKE-3/PIL/STR/3432	10:00 AM	18-Sep-19	Checking of Concreting of Pile at A2	318+870	LHS			Approved
181	VKE-3/PIL/STR/3433	9:00 AM	19-Sep-19	Pouring M35 grade of concrete for Raft	295+151	RHS	Mr. Ishan	PUP	Approved
182	VKE-3/PIL/STR/3434	11:30 AM	19-Sep-19	Pouring M35 grade of concrete for Pile Cap	293+014	RHS	Mr. Rahul	P3 ROB	Approved

Annexure-03 RFI summary

Sr. NO.	RFI NO.	Inspection Time	Inspection date	Item Description	Chainage	Side	Contact Person	Remarks	Approved/ Not Approved
183	VKE-3/PIL/STR/3435	4:00 PM	19-Sep-19	Checking of Reinforcement and Formwork of Pile Cap	307+733	LHS	Mr. Gurdeep	A1	Not Approved
184	VKE-3/PIL/STR/3436	4:30 PM	19-Sep-19	Pouring M35 grade of concrete for Pile Cap	307+733	LHS	Mr. Gurdeep	MNB	Not Approved
185	VKE-3/PIL/STR/3437	9:00 AM	19-Sep-19	Checking of Reinforcement and Formwork of A1 wall 2nd lift.	311+650	RHS	Mr. Shankar	A1	Not Approved
186	VKE-3/PIL/STR/3438	11:00 AM	19-Sep-19	Pouring M35 grade of concrete on A1 wall 2nd lift.	311+650	RHS		PUP	Not Approved
187	VKE-3/PIL/STR/3439	9:30 AM	19-Sep-19	Checking of Reinforcement and Formwork of A2 haunch	311+650	RHS		A2	Not Approved
188	VKE-3/PIL/STR/3440	11:30 AM	19-Sep-19	Pouring M35 grade of concrete on A2 haunch	311+650	RHS		PUP	Not Approved
189	VKE-3/PIL/STR/3441	11:00 AM	19-Sep-19	Checking of Reinforcement and Formwork of Raft	303+808	RHS	Mr. Vijay	VUP	Approved
190	VKE-3/PIL/STR/3442	11:00 AM	20-Sep-19	Checking of Reinforcement and Formwork of Pier shaft 3rd lift	293+014	LHS	Mr. Rahul	P1	Approved
191	VKE-3/PIL/STR/3443	12:00 PM	20-Sep-19	Pouring M35 grade of concrete for Pier shaft 3rd lift	293+014	LHS		ROB	Approved
192	VKE-3/PIL/STR/3444	9:00 AM	20-Sep-19	Checking the Bore Depth and Reinforcement of Pile No 113	293+014	LHS		P5	Not Approved
193	VKE-3/PIL/STR/3445	10:00 AM	20-Sep-19	Checking of Concreting of Pile No 113	293+014	LHS		ROB	Not Approved
194	VKE-3/PIL/STR/3446	9:30 AM	20-Sep-19	Checking the Bore Depth and Reinforcement of Pile No 115	293+014	LHS		P5	Not Approved
195	VKE-3/PIL/STR/3447	10:30 AM	20-Sep-19	Checking of Concreting of Pile No 115	293+014	LHS	ROB	Not Approved	
196	VKE-3/PIL/STR/3448	8:00 AM	20-Sep-19	Checking of Layout and Excavation of PUP	295+990	BHS	Mr. B.N Jha	PUP	Approved
197	VKE-3/PIL/STR/3449	9:00 AM	20-Sep-19	Checking of GSB 1st layer of PUP	295+990	BHS	Mr. B.N Jha	PUP	Approved
198	VKE-3/PIL/STR/3450	11:00 AM	20-Sep-19	Pouring M35 grade of concrete for Raft	303+808	RHS	Mr. B.N Jha	VUP	Approved
199	VKE-3/PIL/STR/3451	2:00 PM	20-Sep-19	Checking of Reinforcement and Formwork of A1 wall 3rd lift.	304+170	LHS	Mr. Vijay	A1	Not Approved
200	VKE-3/PIL/STR/3452	3:00 PM	20-Sep-19	Pouring M35 grade of concrete on A1 wall 3rd lift.	304+170	LHS		PUP	Not Approved
201	VKE-3/PIL/STR/3453	3:00 PM	20-Sep-19	Checking of Reinforcement and Formwork of A2 wall 3rd lift.	304+170	LHS		A2	Not Approved
202	VKE-3/PIL/STR/3454	4:00 PM	20-Sep-19	Pouring M35 grade of concrete on A2 wall 3rd lift.	304+170	LHS		PUP	Not Approved
203	VKE-3/PIL/STR/3455	3:00 PM	20-Sep-19	Checking of Reinforcement and Formwork of Pile Cap	307+733	LHS	Mr. Gurdeep	A1	Approved
204	VKE-3/PIL/STR/3456	4:00 PM	20-Sep-19	Pouring M35 grade of concrete for Pile Cap	307+733	LHS		MNB	Approved
205	VKE-3/PIL/STR/3457	4:30 PM	20-Sep-19	Checking of layout and excavation of Pile Cap	307+733	BHS	Mr. Gurdeep	A2	Approved
206	VKE-3/PIL/STR/3458	3:00 PM	21-Sep-19	Pouring M25 grade of PCC for Pile Cap	307+733	RHS	Mr. Gurdeep	MNB	Approved
207	VKE-3/PIL/STR/3459	9:00 AM	21-Sep-19	Pouring M35 grade of concrete for Pier shaft 3rd lift	293+014	LHS	Mr. Rahul	P1	Not Approved
208	VKE-3/PIL/STR/3460	9:30 AM	21-Sep-19	Checking the Bore Depth and Reinforcement of Pile No 113	293+014	LHS		ROB	Not Approved
209	VKE-3/PIL/STR/3461	10:30 AM	21-Sep-19	Checking of Concreting of Pile No 113	293+014	LHS		P5	Not Approved
210	VKE-3/PIL/STR/3462	11:00 AM	21-Sep-19	Checking the Bore Depth and Reinforcement of Pile No 115	293+014	LHS		ROB	Not Approved
211	VKE-3/PIL/STR/3463	12:00 PM	21-Sep-19	Checking of Concreting of Pile No 115	293+014	LHS	Mr. Shankar	P5	Not Approved
212	VKE-3/PIL/STR/3464	9:00 AM	21-Sep-19	Checking of Reinforcement and Formwork of A1 wall 2nd lift.	311+650	RHS	Mr. Shankar	A1	Not Approved
213	VKE-3/PIL/STR/3465	11:00 AM	21-Sep-19	Pouring M35 grade of concrete on A1 wall 2nd lift.	311+650	RHS		PUP	Not Approved
214	VKE-3/PIL/STR/3466	9:30 AM	21-Sep-19	Checking of Reinforcement and Formwork of A2 haunch	311+650	RHS		A2	Not Approved
215	VKE-3/PIL/STR/3467	11:30 AM	21-Sep-19	Pouring M35 grade of concrete on A2 haunch	311+650	RHS		PUP	Not Approved
216	VKE-3/PIL/STR/3468	3:00 PM	21-Sep-19	Pouring M25 grade of PCC for Pile Cap of A1	299+354	LHS	Mr. Amar Bera	A1	Approved
217	VKE-3/PIL/STR/3469	12:00 PM	21-Sep-19	Checking of GSB 2nd	295+990	BHS	Mr. B.N Jha	FO	Approved

Annexure-03 RFI summary

Sr. NO.	RFI NO.	Inspection Time	Inspection date	Item Description	Chainage	Side	Contact Person	Remarks	Approved/ Not Approved
218	VKE-3/PIL/STR/3470	2:00 PM	21-Sep-19	Pouring of M25 grade of PCC for Raft	295+990	RHS	Mr. Jha	PUP	Not Approved
219	VKE-3/PIL/STR/3471	9:00 AM	22-Sep-19	Pouring M35 grade of concrete for Pier shaft 3rd lift	293+014	LHS	Mr. Rahul	P1 ROB	Approved
220	VKE-3/PIL/STR/3472	9:30 AM	22-Sep-19	Checking the Bore Depth and Reinforcement of Pile No 113	293+014	LHS		P5 ROB	Approved
221	VKE-3/PIL/STR/3473	10:30 AM	22-Sep-19	Checking of Concreting of Pile No 113	293+014	LHS		P5 ROB	Approved
222	VKE-3/PIL/STR/3474	11:00 AM	22-Sep-19	Checking the Bore Depth and Reinforcement of Pile No 115	293+014	LHS		P5 ROB	Not Approved
223	VKE-3/PIL/STR/3475	12:00 PM	22-Sep-19	Checking of Concreting of Pile No 115	293+014	LHS		P5 ROB	Not Approved
224	VKE-3/PIL/STR/3476	2:00 PM	22-Sep-19	Pouring of M25 grade of PCC	295+990	RHS	Mr. B.N Jha	PUP	Approved
225	VKE-3/PIL/STR/3477	9:00 AM	22-Sep-19	Checking of Reinforcement and Formwork of A1 wall 2nd lift.	311+650	RHS	Mr. Shankar	A1 PUP	Approved
226	VKE-3/PIL/STR/3478	11:00 AM	22-Sep-19	Pouring M35 grade of concrete on A1 wall 2nd lift.	311+650	RHS		A2 PUP	Approved
227	VKE-3/PIL/STR/3479	9:30 AM	22-Sep-19	Checking of Reinforcement and Formwork of A2 haunch	311+650	RHS		A2 PUP	Approved
228	VKE-3/PIL/STR/3480	11:30 AM	22-Sep-19	Pouring M35 grade of concrete on A2 haunch	311+650	RHS		A2 PUP	Approved
229	VKE-3/PIL/STR/3481	8:00 AM	23-Sep-19	Checking of Reinforcement and Formwork of A1 wall 3rd lift.	304+170	LHS	Mr. Ishan	A1 PUP	Approved
230	VKE-3/PIL/STR/3482	9:00 AM	23-Sep-19	Pouring M35 grade of concrete on A1 wall 3rd lift.	304+170	LHS		A2 PUP	Approved
231	VKE-3/PIL/STR/3483	9:30 AM	23-Sep-19	Checking of Reinforcement and Formwork of A2 wall 3rd lift.	304+170	LHS		A2 PUP	Approved
232	VKE-3/PIL/STR/3484	10:30 AM	23-Sep-19	Pouring M35 grade of concrete on A2 wall 3rd lift.	304+170	LHS		A2 PUP	Approved
233	VKE-3/PIL/STR/3485	9:00 AM	23-Sep-19	Pouring M25 grade of PCC for Raft	295+990	LHS	Mr. Amit	PUP	Not Approved
234	VKE-3/PIL/STR/3486	2:00 PM	23-Sep-19	Checking of Reinforcement and Formwork for Raft	316+420	RHS	Mr. Jaymin	BC	Not Approved
235	VKE-3/PIL/STR/3487	3:00 PM	23-Sep-19	Pouring M30 grade of concrete on Raft	316+420	RHS		BC	Not Approved
236	VKE-3/PIL/STR/3492	9:00 AM	24-Sep-19	Checking the Bore Depth and Reinforcement of Pile No. 117	293+014	LHS	Mr. Rahul	P5 ROB	Approved
237	VKE-3/PIL/STR/3493	10:00 AM	24-Sep-19	Checking of Concreting of Pile No. 117	293+014	LHS		P5 ROB	Approved
238	VKE-3/PIL/STR/3494	9:30 AM	24-Sep-19	Checking the Bore Depth and Reinforcement of Pile No. 118	293+014	LHS		P5 ROB	Approved
239	VKE-3/PIL/STR/3495	10:30 AM	24-Sep-19	Checking of Concreting of Pile No. 118	293+014	LHS		P5 ROB	Approved
240	VKE-3/PIL/STR/3496	9:00 AM	24-Sep-19	Pouring M25 grade of PCC for Raft	295+990	LHS	Mr. Amit	PUP	Approved
241	VKE-3/PIL/STR/3497	1:00 PM	24-Sep-19	Pouring M30 grade of concrete on Raft	316+420	RHS	Mr. Jaymin	BC	Not Approved
242	VKE-3/PIL/STR/3498	2:30 PM	24-Sep-19	Pouring M25 grade of PCC	295+585	LHS		BC	Approved
243	VKE-3/PIL/STR/3499	3:00 PM	24-Sep-19	Checking of Reinforcement and Formwork of A1 wall 1st lift.	298+380	LHS	Mr. Amar Bera	PUP	Approved
244	VKE-3/PIL/STR/3500	4:00 PM	24-Sep-19	Pouring M35 grade of concrete on A1 wall 1st lift.	298+380	LHS		PUP	Approved
245	VKE-3/PIL/STR/3501	10:30 AM	24-Sep-19	Checking of Layout of 12 Piles	293+014	LHS	Mr. Rahul	P5 ROB	Approved
246	VKE-3/PIL/STR/3502	10:30 AM	24-Sep-19	Checking of Layout & Excavation	295+585	BHS		BC	Approved
247	VKE-3/PIL/STR/3503	9:00 AM	25-Sep-19	Checking of Layout & Excavation	316+960	BHS	Mr. Ishan	PUP	Approved
248	VKE-3/PIL/STR/3504	8:30 AM	25-Sep-19	Pouring M30 grade of concrete on Raft	316+420	LHS		BC	Approved
249	VKE-3/PIL/STR/3505	3:00 PM	25-Sep-19	Checking of Reinforcement and Formwork of A2 wall 2nd lift.	321+253	RHS	Mr. Jaymin	MJB	Not Approved
250	VKE-3/PIL/STR/3506	2:00 PM	25-Sep-19	Checking of Layout & Excavation for Pile P2	299+354	RHS		BC	Approved

Annexure-03 RFI summary

Sr. NO.	RFI NO.	Inspection Time	Inspection date	Item Description	Chainage	Side	Contact Person	Remarks	Approved/ Not Approved
251	VKE-3/PIL/STR/3507	3:00 PM	25-Sep-19	Pouring M25 grade of PCC for Pile Cap P2	299+354	RHS	Mr. Amar Bera	P2	Approved
252	VKE-3/PIL/STR/3508	4:00 PM	25-Sep-19	Checking of Reinforcement and Formwork of A2 Bottom Haunch	295+151	BHS		PUP	Approved
253	VKE-3/PIL/STR/3509	5:00 PM	25-Sep-19	Pouring M35 grade of concrete on A2 Bottom Haunch	295+151	BHS			Approved
254	VKE-3/PIL/STR/3510	2:00 PM	25-Sep-19	Checking of Layout and pouring M35 grade of concrete for Pier shaft starter of A1 wall	307+733	LHS	Mr. Gurdeep	MNB	Approved
255	VKE-3/PIL/STR/3511	8:00 AM	25-Sep-19	Checking of Reinforcement and Formwork of Pier shaft 4th lift.	293+014	LHS	Mr. Rahul	P1 ROB	Not Approved
256	VKE-3/PIL/STR/3512	8:30 AM	25-Sep-19	Pouring M35 grade of concrete on Pier shaft 4th lift.	293+014	LHS			Not Approved
257	VKE-3/PIL/STR/3513	9:00 AM	25-Sep-19	Checking of Reinforcement and Formwork of Pier shaft 3rd lift.	293+014	RHS		P1 ROB	Not Approved
258	VKE-3/PIL/STR/3514	9:30 AM	25-Sep-19	Pouring M35 grade of concrete on Pier shaft 3rd lift.	293+014	RHS			Not Approved
259	VKE-3/PIL/STR/3515	10:00 AM	25-Sep-19	Checking of Layout & Excavation for Pile Cap P4	293+014	RHS		P4	Not Approved
260	VKE-3/PIL/STR/3516	10:30 AM	25-Sep-19	Pouring M25 grade of PCC for Pile Cap P4	293+014	RHS		P4 ROB	Approved
261	VKE-3/PIL/STR/3517	9:00 AM	25-Sep-19	Checking the Bore Depth and Reinforcement of Pile No. 116	293+014	LHS		P5 ROB	Approved
262	VKE-3/PIL/STR/3518	9:30 AM	25-Sep-19	Checking of Concreting of Pile No. 116	293+014	LHS			Approved
263	VKE-3/PIL/STR/3519	10:00 AM	25-Sep-19	Checking the Bore Depth and Reinforcement of Pile No. 119	293+014	LHS		P5 ROB	Approved
264	VKE-3/PIL/STR/3520	10:30 AM	25-Sep-19	Checking of Concreting of Pile No. 119	293+014	LHS			Approved
265	VKE-3/PIL/STR/3522	10:00 AM	26-Sep-19	Layout on PCC	299+354	LHS		A1 FO	Approved
266	VKE-3/PIL/STR/3523	9:00 AM	26-Sep-19	Checking of Reinforcement and Formwork for Pile Cap	293+014	LHS		P3 ROB	Approved
267	VKE-3/PIL/STR/3524	10:00 AM	26-Sep-19	Pouring M35 grade of Concrete for Pile Cap	293+014	LHS			Approved
268	VKE-3/PIL/STR/3525	10:30 AM	26-Sep-19	Checking of Reinforcement and Formwork of Pier shaft 3rd lift.	293+014	RHS		P1 ROB	Approved
269	VKE-3/PIL/STR/3526	11:30 AM	26-Sep-19	Pouring M35 grade of Concrete on Pier shaft 3rd lift.	293+014	RHS			Approved
270	VKE-3/PIL/STR/3527	2:00 PM	26-Sep-19	Pouring M25 grade of PCC for Pile Cap of A2	307+733	RHS		A2 MNB	Approved
271	VKE-3/PIL/STR/3528	3:00 PM	26-Sep-19	Checking of Reinforcement and Formwork of A2 wall 2nd lift.	321+253	RHS		A2 MJB	Not Approved
272	VKE-3/PIL/STR/3530	3:00 PM	27-Sep-19	Pouring M35 grade of Concrete on Raft	303+220	RHS		PUP	Not Approved
273	VKE-3/PIL/STR/3531	9:00 AM	27-Sep-19	Checking of Reinforcement and Formwork of Pier shaft 4th lift.	293+014	LHS		P1 ROB	Not Approved
274	VKE-3/PIL/STR/3532	9:30 AM	27-Sep-19	Pouring M35 grade of concrete on Pier shaft 4th lift.	293+014	LHS			Not Approved
275	VKE-3/PIL/STR/3533	10:00 AM	27-Sep-19	Checking the Bore Depth and Reinforcement of Pile No. 120	293+014	LHS		P5 ROB	Not Approved
276	VKE-3/PIL/STR/3534	10:30 AM	27-Sep-19	Checking of Concreting of Pile No. 120	293+014	LHS			Not Approved
277	VKE-3/PIL/STR/3535	9:00 AM	27-Sep-19	Checking the Bore Depth and Reinforcement of Pile No. 121	293+014	LHS		P5 ROB	Not Approved
278	VKE-3/PIL/STR/3536	9:30 AM	27-Sep-19	Checking of Concreting of Pile No. 121	293+014	LHS			Not Approved
279	VKE-3/PIL/STR/3537	10:00 AM	27-Sep-19	Checking the Bore Depth and Reinforcement of Pile No. 122	293+014	LHS		P5 ROB	Not Approved
280	VKE-3/PIL/STR/3538	10:30 AM	27-Sep-19	Checking of Concreting of Pile No. 122	293+014	LHS			Not Approved
281	VKE-3/PIL/STR/3539	9:00 AM	27-Sep-19	Checking of Reinforcement and Formwork of A2 wall 2nd lift.	321+253	RHS		A2 MJB	Approved
282	VKE-3/PIL/STR/3540	11:00 AM	27-Sep-19	Pouring M35 grade of Concrete for shaft 2nd Lift	321+253	RHS			Approved
283	VKE-3/PIL/STR/3541	9:30 AM	27-Sep-19	Checking of Excavation at bottom level	318+870	RHS		A2	Approved
284	VKE-3/PIL/STR/3542	11:30 AM	27-Sep-19	Checking of laying of PCC for Pile Cap	318+870	RHS		A2 MJB	Approved







Annexure-03 RFI summary







Sr. NO.	RFI NO.	Inspection Time	Inspection date	Item Description	Chainage	Side	Contact Person	Remarks	Approved/ Not Approved
285	VKE-3/PIL/STR/3543	9:00 AM	27-Sep-19	Checking of Layout and Excavation	303+808	LHS		VUP	Not Approved
286	VKE-3/PIL/STR/3544	11:00 AM	27-Sep-19	Checking of Ground improvement	303+808	LHS		VUP	Not Approved
287	VKE-3/PIL/STR/3545	11:30 AM	27-Sep-19	Checking of laying of PCC	321+673	RHS		LVUP	Not Approved
288	VKE-3/PIL/STR/3546	11:00 AM	28-Sep-19	Checking of laying of PCC	303+808	LHS		VUP	Not Approved
289	VKE-3/PIL/STR/3547	3:00 PM	28-Sep-19	Checking of Reinforcement and Formwork of Raft	303+220	RHS		PUP	Not Approved
290	VKE-3/PIL/STR/3548	4:00 PM	28-Sep-19	Pouring M35 grade of Concrete on Raft	303+220	RHS		PUP	Not Approved
291	VKE-3/PIL/STR/3549	9:00 AM	28-Sep-19	Checking of laying of PCC	321+673	RHS		LVUP	Not Approved
292	VKE-3/PIL/STR/3550	4:00 PM	28-Sep-19	Checking of Reinforcement and Formwork of Raft	311+047	RHS		LVUP	Not Approved
293	VKE-3/PIL/STR/3551	9:00 AM	28-Sep-19	Checking of Reinforcement and Formwork of Pier shaft 4th lift.	293+014	LHS		P1 ROB	Not Approved
294	VKE-3/PIL/STR/3552	10:00 AM	28-Sep-19	Pouring M35 grade of concrete on Pier shaft 4th lift.	293+014	LHS		P1 ROB	Not Approved
295	VKE-3/PIL/STR/3553	9:00 AM	29-Sep-19	Checking of Reinforcement and Formwork of Pier shaft 4th lift.	293+014	LHS		P1 ROB	Not Approved
296	VKE-3/PIL/STR/3554	10:00 AM	29-Sep-19	Pouring M35 grade of concrete on Pier shaft 4th lift.	293+014	LHS		P1 ROB	Not Approved
297	VKE-3/PIL/STR/3555	3:00 PM	29-Sep-19	Checking of Reinforcement and Formwork of Raft	311+047	RHS		LVUP	Not Approved
298	VKE-3/PIL/STR/3556	4:00 PM	29-Sep-19	Pouring M35 grade of concrete on Raft	311+047	RHS		LVUP	Not Approved
299	VKE-3/PIL/STR/3557	4:00 PM	29-Sep-19	Pouring M35 grade of Concrete on Raft	303+220	RHS		PUP	Not Approved
300	VKE-3/PIL/STR/3558	9:00 AM	29-Sep-19	Checking of Reinforcement and Formwork of Slab	304+170	LHS		PUP	Not Approved
301	VKE-3/PIL/STR/3559	10:00 AM	29-Sep-19	Checking of laying of PCC	303+808	LHS		VUP	Approved
302	VKE-3/PIL/STR/3560	9:00 AM	29-Sep-19	Checking of laying of PCC M25 grade	321+673	RHS		LVUP	Approved
303	VKE-3/PIL/STR/3561	10:00 AM	29-Sep-19	Checking of Reinforcement and Formwork of A1 & A2 Wall 2nd lift	298+380	LHS		A1 & A2 PUP	Not Approved
304	VKE-3/PIL/STR/3562	11:00 AM	29-Sep-19	Pouring M35 grade of concrete on A1 & A2 Wall 2nd lift	298+380	LHS		A1 & A2 PUP	Not Approved
305	VKE-3/PIL/STR/3563	2:00 PM	30-Sep-19	Checking of Layout and Excavation	316+536	LHS		LVUP	Approved
306	VKE-3/PIL/STR/3564	8:00 AM	30-Sep-19	Checking of Reinforcement and Formwork of Raft	311+047	RHS		LVUP	Approved
307	VKE-3/PIL/STR/3565	9:00 AM	30-Sep-19	Pouring M35 grade of concrete on Raft	311+047	RHS		LVUP	Approved
308	VKE-3/PIL/STR/3566	9:00 AM	30-Sep-19	Checking of Reinforcement and Formwork of A1 & A2 Wall 2nd lift	298+380	LHS		A1 & A2 PUP	Not Approved
309	VKE-3/PIL/STR/3567	10:00 AM	30-Sep-19	Pouring M35 grade of concrete on A1 & A2 Wall 2nd lift	298+380	LHS		A1 & A2 PUP	Not Approved
310	VKE-3/PIL/STR/3568	11:00 AM	30-Sep-19	Routine Load Test at Pile No. 4	299+354	LHS		A1 FO	Approved
311	VKE-3/PIL/STR/3569	9:00 AM	30-Sep-19	Checking of Reinforcement and Formwork of Pier shaft 4th lift.	293+014	LHS		P1 ROB	Approved
312	VKE-3/PIL/STR/3570	10:00 AM	30-Sep-19	Pouring M35 grade of concrete on Pier shaft 4th lift.	293+014	LHS		P1 ROB	Not Approved
313	VKE-3/PIL/STR/3571	9:00 AM	30-Sep-19	Checking the Bore Depth and Reinforcement of Pile No. 120	293+014	LHS		P5 ROB	Approved
314	VKE-3/PIL/STR/3572	10:00 AM	30-Sep-19	Checking of Concreting of Pile No. 120	293+014	LHS		P5 ROB	Approved
315	VKE-3/PIL/STR/3573	3:00 PM	30-Sep-19	Checking the Bore Depth and Reinforcement of Pile No. 121	293+014	LHS		P5 ROB	Approved
316	VKE-3/PIL/STR/3574	4:00 PM	30-Sep-19	Checking of Concreting of Pile No. 121	293+014	LHS		P5 ROB	Approved








RFI Summary

Highway

Sr. NO.	RFI NO.	Inspection Time	Inspection date	Item Description	Chainage		Side	MCW/CR	CA/COS	Unit	Contact Person	Contact Number	Remarks
					From	To							
1	VKE-3/PIL/HW/2922	10:30 AM	22-Sep-19	EMB 11th. Layer F.D.D	296+500	296+700	LHS	MCW	CA	M	Mr.Kamdev Jena	7787080273	Approved
2	VKE-3/PIL/HW/2923	9:30 AM	22-Sep-19	EMB 8th. Layer F.D.D	296+700	296+800	LHS	MCW	CA	M			Approved
3	VKE-3/PIL/HW/2924	5:00 PM	22-Sep-19	EMB 9th. Layer F.D.D	296+700	296+800	LHS	MCW	CA	M			Approved
4	VKE-3/PIL/HW/2925	11:30 AM	22-Sep-19	EMB 17th. Layer F.D.D	303+020	303+400	LHS	MCW	CA	M			Approved
5	VKE-3/PIL/HW/2926	9:00 AM	23-Sep-19	EMB 10th. Layer F.D.D	296+700	296+800	LHS	MCW	CA	M	Mr. Kamdev Jena	7787080273	Approved
6	VKE-3/PIL/HW/2927	5:00 PM	23-Sep-19	EMB 11th. Layer F.D.D	296+700	296+800	LHS	MCW	CA	M			Approved
7	VKE-3/PIL/HW/2928	11:00 AM	23-Sep-19	EMB 11th. Layer F.D.D	296+800	297+000	LHS	MCW	CA	M			Approved
8	VKE-3/PIL/HW/2929	10:30 AM	23-Sep-19	EMB 17th. Layer F.D.D	303+400	303+610	LHS	MCW	CA	M			Approved
9	VKE-3/PIL/HW/2930	5:30 PM	23-Sep-19	EMB 18th. Layer F.D.D	303+400	303+610	LHS	MCW	CA	M			Approved
10	VKE-3/PIL/HW/2931	4:00 PM	23-Sep-19	EMB 19th. Layer F.D.D	303+610	303+780	LHS	MCW	CA	M			Approved
11	VKE-3/PIL/HW/2932	12:00 PM	24-Sep-19	EMB 12th. Layer F.D.D	296+500	297+000	LHS	MCW	CA	M	Mr. Kamdev Jena	7787080273	Approved
12	VKE-3/PIL/HW/2933	3:00 PM	24-Sep-19	EMB 20th. Layer F.D.D	303+610	303+780	LHS	MCW	CA	M			Approved
13	VKE-3/PIL/HW/2934	5:00 PM	24-Sep-19	EMB 19th. Layer F.D.D	303+400	303+600	LHS	MCW	CA	M			Approved






Details of Electrical Utilities							
A) Electric Pole and Transformer							
SR.	CHAINAGE	From	To	TYPE	EFFECTED	Photos	REMARKS
1	292+890	292+880	292+910	2/11 KV	30		Electric Pole and Line Crossing
2	292+930	292+885	292+975	6/11 KV	90		Electric Pole and Line Crossing
3	294+785	294+775	294+805	2/11 KV	30		Electric Pole and Line Crossing
4	294+880	294+760	295+000	6/11 KV	240		Electric Pole and Line Crossing
5	295+282	295+202	295+362	3/11 KV	160		Electric Pole and Line Crossing
6	295+510	295+475	295+545	4/11 KV	70		Electric Pole and Line Crossing




Details of Electrical Utilities							
A) Electric Pole and Transformer							
SR.	CHAINAGE	From	To	TYPE	EFFECTED	Photos	REMARKS
7	295+990	295+930	296+050	5/11 KV	120		Electric Pole and Line Crossing
8	300+520	300+365	300+675	6/11 KV	310		Electric Pole and Line Crossing
9	300+910	300+900	300+920	2/11 KV	20		Electric Pole and Line Crossing
10	301+330	301+285	301+375	2/11 KV	90		Electric Pole and Line Crossing
11	301+400	301+385	301+415	1/11 KV	30		Electric Line Crossing & transformer
12	301+940	301+930	301+950	2/11 KV	20		Electric Pole and Line Crossing
13	303+780	303+760	303+800	2/11 KV	40		Electric Pole and Line Crossing

Details of Electrical Utilities							
A) Electric Pole and Transformer							
SR.	CHAINAGE	From	To	TYPE	EFFECTED	Photos	REMARKS
14	304+050	304+015	304+085	2/11 KV	70		Electric Pole and Line Crossing
15	307+165	307+150	307+180	3/11 KV	30		Electric Pole and Line Crossing
16	307+193	307+178	307+208	2/11 KV	30		Electric Pole and Line Crossing
17	310+000	309+950	310+050	3/11 KV	100		Electric Pole and Line Crossing
18	311+540	311+450	311+630	2/11 KV	180		Electric Pole and Line Crossing
19	312+090	312+065	312+115	1/11 KV	50		Electric Pole and Line Crossing
20	312+695	312+665	312+725	3/11 KV	60		Electric Pole and Line Crossing

Details of Electrical Utilities							
A) Electric Pole and Transformer							
SR.	CHAINAGE	From	To	TYPE	EFFECTED	Photos	REMARKS
21	313+340	313+275	313+405	2/11 KV	130		Electric Pole and Line Crossing
22	313+370	313+335	313+405	1/11 KV	70		Electric Pole and Line Crossing
23	315+770	315+670	315+770	4/11 KV	100		Electric Pole and Line Crossing
24	315+950	315+895	316+005	1/11 KV	110		Electric Pole and Line Crossing
25	316+530	316+510	316+530	2/11 KV	20		Electric Pole and Line Crossing
26	318+600	318+500	318+600	3/11 KV	100		Electric Pole and Line Crossing

Details of Electrical Utilities							
A) Electric Pole and Transformer							
SR.	CHAINAGE	From	To	TYPE	EFFECTED	Photos	REMARKS
27	318+800	318+780	318+820	4/11 KV	40		Electric Pole and Line Crossing
28	318+840	318+825	318+855	2/11 KV	30		Electric Pole and Line Crossing
29	318+860	318+845	318+875	2/11 KV	30		Electric Pole and Line Crossing
30	319+000	318+985	319+015	2/11 KV	30		Electric Pole and Line Crossing
31	320+685	320+670	320+700	11 KV	30		Electric Pole and Line Crossing
32	320+690	320+665	320+715	11 KV	50		Electric Pole and Line Crossing


Details of Electrical Utilities							
A) Electric Pole and Transformer							
SR.	CHAINAGE	From	To	TYPE	EFFECTED	Photos	REMARKS
33	322+700	322+600	322+700	3/11 KV	100		Electric Pole and Line Crossing
34	322+880	322+865	322+895	11 KV	30		Electric Line Crossing & transformer
Total					2640		
B) GETCO High Tension Line							
35	296+415	296+375	296+455	1/66 KV	80		Getco HT line Crossing
36	300+100	300+070	300+120	220 KV	50		Getco HT line Crossing
37	300+390	300+350	300+430	1/220 KV	80		Getco HT line Crossing

Details of Electrical Utilities							
A) Electric Pole and Transformer							
SR.	CHAINAGE	From	To	TYPE	EFFECTED	Photos	REMARKS
38	308+200	308+160	308+240	2/66 KV	80		Getco HT line Crossing
39	308+400	308+460	308+580	1/66 KV	120		Getco HT line Crossing
40	312+270	312+120	312+420	1/400 KV	300		Getco HT line Crossing
Total					710		

Details of Gas Pipe Lines


Appendix-1D

SR. NO.	Chainage			SIDE	Length	TYPE	REMARKS
	C/L	From	To				
1	296+450	296+420	296+480	BHS	60	GAIL Gas Pipe line	
2	304+450	304+420	304+480	BHS	60	GAIL Gas Pipe line	
3	309+090	309+000	309+180	BHS	180	GAIL Gas Pipe line	
4	310+752			BHS		GSPL Gas Pipe line	
					300		

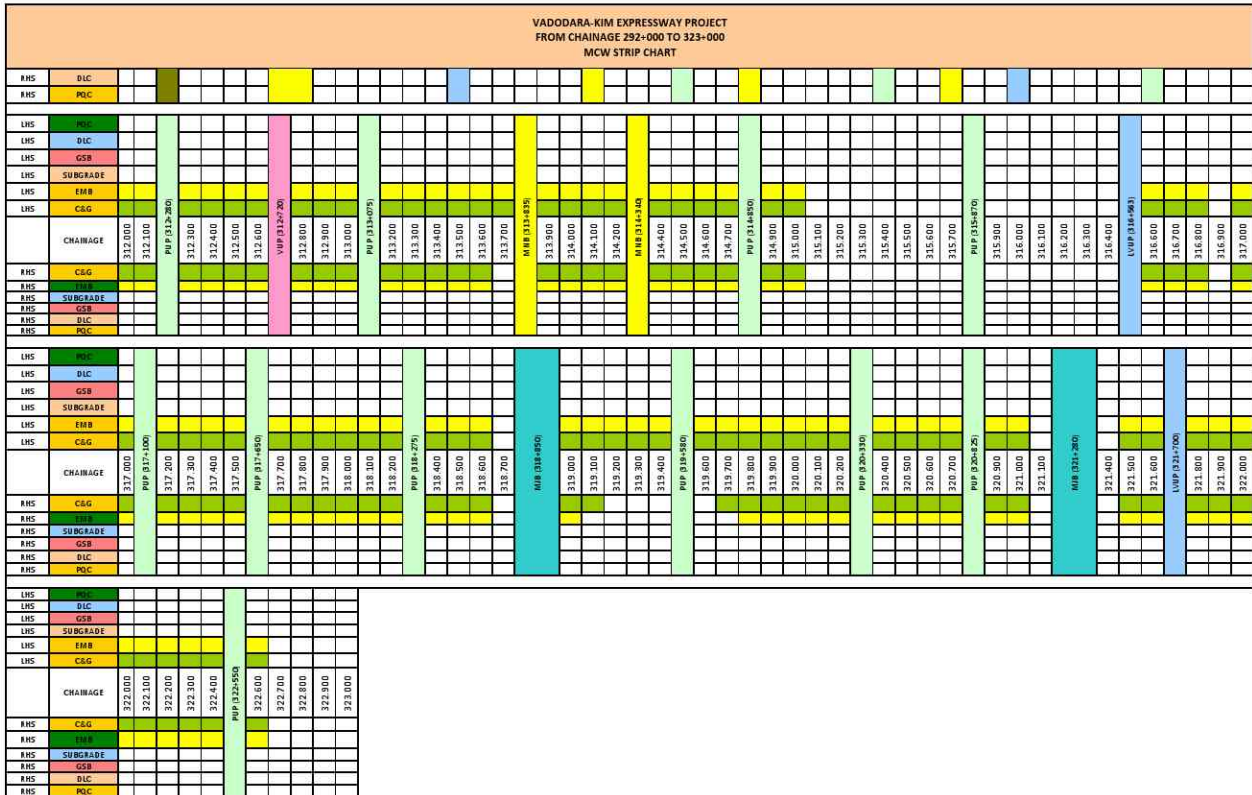
Details of SSNNL Canal				
SR. NO.	Chainage	Length	TYPE	REMARKS
	C/L			
1	294+750	30	MNB over luwara branch canal	
2	295+007	30	MNB over Tancha Disty. canal	
3	300+148	30	MNB over Simartha minor & Ghamnad canal	
4	301+247	30	MJB over Achhod Dis. & Danda minor canal	
5	301+500	30	BOX Structure	
6	306+230	30	BOX Structure	

Details of SSNNL Canal				
SR. NO.	Chainage C/L	Length	TYPE	REMARKS
7	307+709	30	BOX Structure	
8	307+734	70	BOX Structure	
9	307+789	30	BOX Structure	
10	309+030	30	BOX Structure	
11	309+840	30	BOX Structure	

Details of SSNNL Canal				
SR. NO.	Chainage C/L	Length	TYPE	REMARKS
12	309+853	50	BOX Structure	
13	309+892	30	BOX Structure	
14	313+075	30	BOX Structure	
15	313+815	50	BOX Structure	
16	315+247	30	BOX Structure	
17	316+582	30	BOX Structure	

Details of SSNNL Canal				
SR. NO.	Chainage	Length	TYPE	REMARKS
	C/L			
18	318+612	30	BOX Structure	
19	318+858	110	BOX Structure	
Total Length		730		

VADODARA-KIM EXPRESSWAY PROJECT FROM CHAINAGE 292+000 TO 323+000 MCW STRIP CHART											
LMS	POI										
LMS	DIC										
LMS	GSR										
LMS	SUBGRADE										
LMS	EMB										
LMS	CEG										
	CHAINAGE	292.000	292.100	292.200	292.300	292.400	292.500	292.600			
RHS	CEG										
RHS	EMB										
RHS	SUBGRADE										
RHS	GSR										
RHS	DIC										
RHS	POI										
LMS	POI										
LMS	DIC										
LMS	GSR										
LMS	SUBGRADE										
LMS	EMB										
LMS	CEG										
	CHAINAGE	293.000	293.100	293.200	293.300	293.400	293.500	293.600	293.700	293.800	293.900
RHS	CEG										
RHS	EMB										
RHS	SUBGRADE										
RHS	GSR										
RHS	DIC										
RHS	POI										
LMS	POI										
LMS	DIC										
LMS	GSR										
LMS	SUBGRADE										
LMS	EMB										
LMS	CEG										
	CHAINAGE	299.000	299.100	299.200	299.300	299.400	299.500	299.600	299.700	299.800	299.900
RHS	CEG										
RHS	EMB										
RHS	SUBGRADE										
RHS	GSR										
RHS	DIC										
RHS	POI										
LMS	POI										
LMS	DIC										
LMS	GSR										
LMS	SUBGRADE										
LMS	EMB										
LMS	CEG										
	CHAINAGE	300.000	300.100	300.200	300.300	300.400	300.500	300.600	300.700	300.800	300.900
RHS	CEG										
RHS	EMB										
RHS	SUBGRADE										
RHS	GSR										
RHS	DIC										
RHS	POI										
LMS	POI										
LMS	DIC										
LMS	GSR										
LMS	SUBGRADE										
LMS	EMB										
LMS	CEG										
	CHAINAGE	307.000	307.100	307.200	307.300	307.400	307.500	307.600			
RHS	CEG										
RHS	EMB										
RHS	SUBGRADE										
RHS	GSR										
RHS	DIC										
RHS	POI										
LMS	POI										
LMS	DIC										
LMS	GSR										
LMS	SUBGRADE										
LMS	EMB										
LMS	CEG										
	CHAINAGE	310.000	310.100	310.200	310.300	310.400	310.500	310.600	310.700	310.800	310.900
RHS	CEG										
RHS	EMB										
RHS	SUBGRADE										
RHS	GSR										
RHS	DIC										
RHS	POI										



Flyover	
MIB	
VUP	
LVUP	
MNB	
ROB	
PUP	
VOP	
Completed	
WIP (EMB)	

VADODARA-KIM EXPRESSWAYPROJECT FROM CHAINAGE 292+000 TO 323+000 SERVICE ROAD STRIP CHART												
LHS	BC											
LHS	DBM											
LHS	WMM											
LHS	GSB											
LHS	SUBGRADE											
LHS	EMB											
	CHAINAGE	294.270										
		294.370										
		294.470										
		294.520										
		299.350										
		299.450										
		299.550										
		299.650										
		299.750										
		306.250										
		306.350										
		306.380										
		308.270										
		308.370										
		308.470										
		308.550										
		311.550										
		311.650										
		311.750										
		314.350										
		314.450										
		314.510										
		318.900										
		318.980										
RHS	EMB											
RHS	SUBGRADE											
RHS	GSB											
RHS	WMM											
RHS	DBM											
RHS	BC											

Progress During Month

Progress Chart

Legend :	Completed	
	WIP	
	Progress during Month	

Major Structures

LHS	Structure Type	Chainage																						
		292+010	293+050	293+895	294+105	294+550	295+170	295+575	296+150	296+450	297+220	297+500	297+562	297+900	298+380	299+100	299+375	300+725	301+240	301+790	302+350	302+732	303+220	
LHS	Deck Slab														1									
	Dirt Wall																							
	Girder/Pedestal																							
	Abut / Pier Cap																							
	Abut / Pier/Wall		1				1						1	1	1								1	
	Footing/Pile Cap		1				1						1	1	1			1					1	
	Foundation PCC/Pile work		1				1		1				1	1	1			1					1	1
	Excavation		1				1		1				1	1	1			1					1	1
Layout		1				1		1				1	1	1			1					1	1	
Chainage		PUP	ROB	LVUP	MNB	LVUP	PUP	VUP	PUP	MNB	PUP	MNB	MNB	PUP	PUP	PUP	LYOVEI	PUP	LVUP	PUP	PUP	MJB	PUP	
RHS	Layout		1				1		1				1	1	1		1						1	1
	Excavation		1				1		1				1	1	1		1						1	1
	Foundation PCC/Pile work		1				1		1				1	1	1		1						1	1
	Footing/Pile Cap		1				1		1				1	1	1		1						1	
	Abut / Pier/Wall		1				1						1		1								1	
	Abut / Pier Cap																							
	Girder/Pedestal																							
	Dirt Wall																							
	Deck Slab														1									
	Crash Barmer																							
	Approach Slab																							
	Exp. Joint																							
	Wearing Coat																							
RE / Wing Wall																								

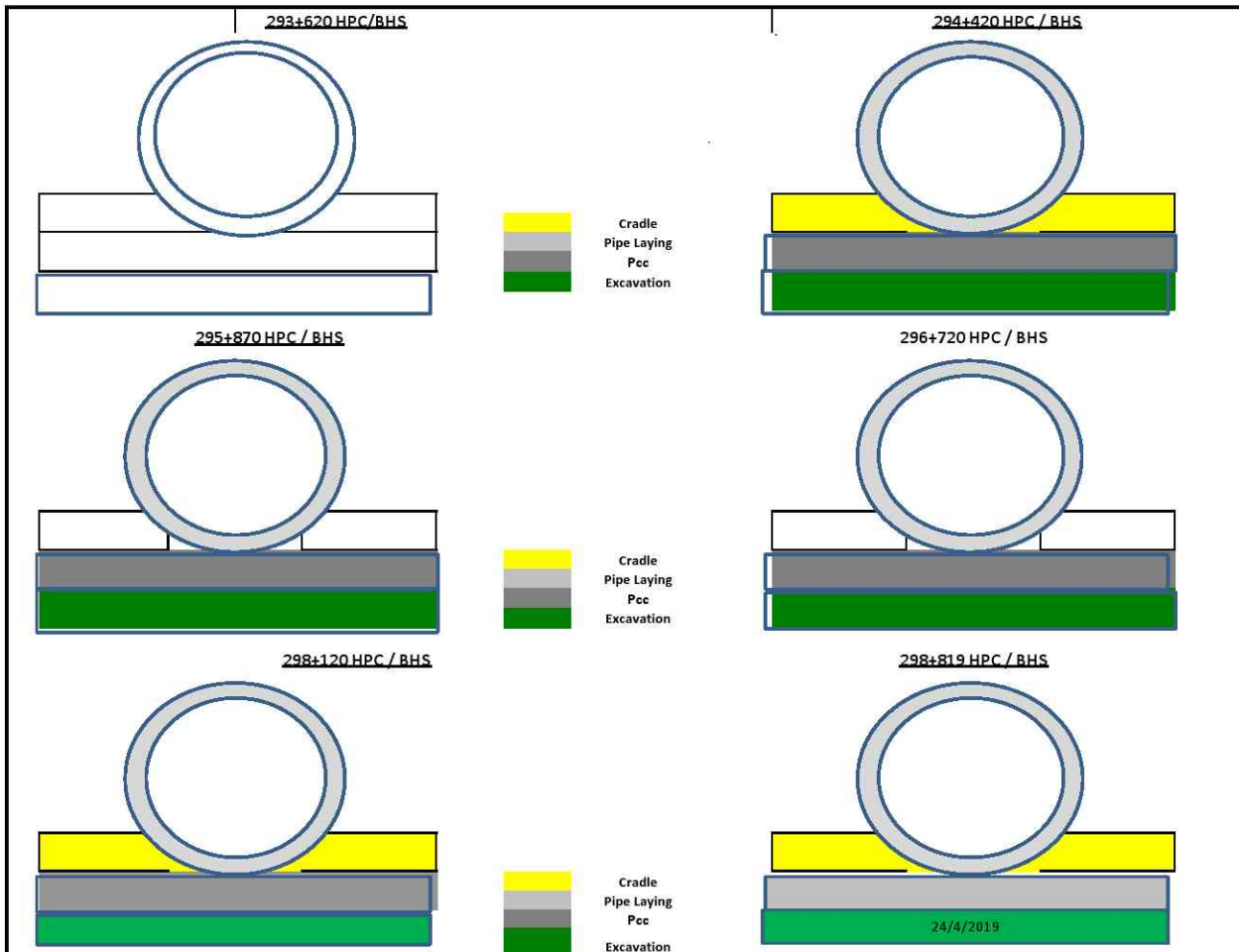
Name of EPC
Contractor:
Progress Chart

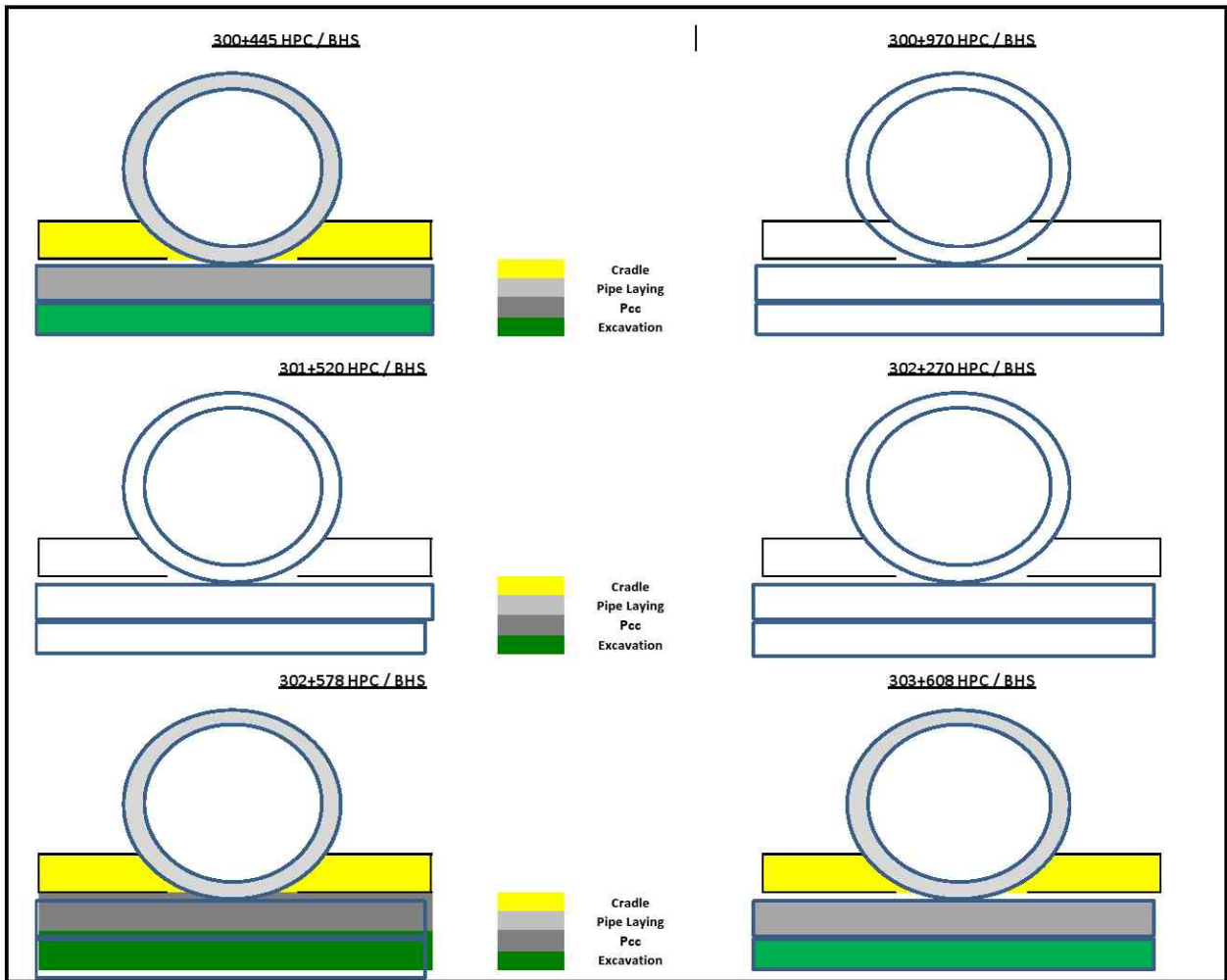
Patel Infrastructure Ltd.

Legend:	Completed	
	WIP	
	Progress during Month	

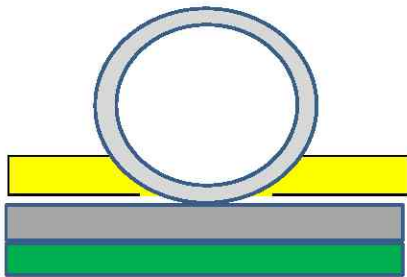
Pipe Culvert

		293+620	294+420	295+870	296+720	298+120	298+819	300+445	300+970	301+520	302+270	302+578	303+608	304+069	304+649	307+419	307+969	308+320	308+794	309+368	310+119	311+329	311+969	312+679	313+369	313+812	314+669	315+719	316+069	316+819	317+470	319+268	319+969	320+719	322+294	322+778			
LHS	Back Filling					1	1	1			1	1	1						1	1	1	1	1		1														
	Collar joint			1	1	1	1	1			1	1	1	1	1			1	1	1	1	1	1		1		1		1	1									
	Pipe Laying			1	1	1	1	1			1	1	1	1	1			1	1	1	1	1	1		1		1		1	1									
	Foundation PCC			1	1	1	1	1			1	1	1	1	1			1	1	1	1	1	1		1		1		1	1									
	Excavation		1	1	1	1	1	1	1			1	1	1	1	1			1	1	1	1	1	1		1		1	1	1	1	1				1	1		
	Layout		1	1	1	1	1	1	1			1	1	1	1	1			1	1	1	1	1	1		1		1	1	1	1	1				1	1		
Chainage		293+620	294+420	295+870	296+720	298+120	298+819	300+445	300+970	301+520	302+270	302+578	303+608	304+069	304+649	307+419	307+969	308+320	308+794	309+368	310+119	311+329	311+969	312+679	313+369	313+812	314+669	315+719	316+069	316+819	317+470	319+268	319+969	320+719	322+294	322+778			
RHS	Layout		1	1	1	1	1	1			1	1	1	1	1			1	1	1	1	1		1		1	1	1	1	1					1	1			
	Excavation		1	1	1	1	1	1			1	1	1	1	1			1	1	1	1	1	1		1		1	1	1	1	1	1				1	1		
	Foundation PCC			1	1	1	1	1			1	1	1	1	1			1	1	1	1	1	1		1		1		1	1									
	Pipe Laying			1	1	1	1	1			1	1	1	1	1				1	1	1	1	1		1		1		1	1									
	Collar joint			1	1	1	1	1			1	1	1	1	1				1	1	1	1	1		1		1		1	1									
	Back Filling						1	1	1			1	1	1					1	1	1	1	1	1		1													

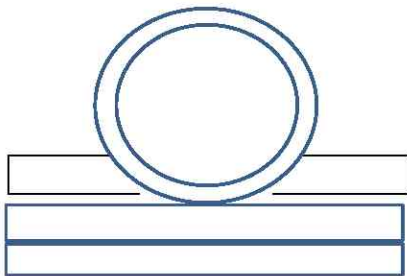




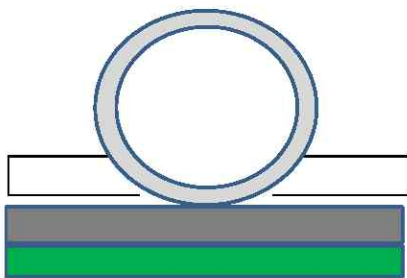
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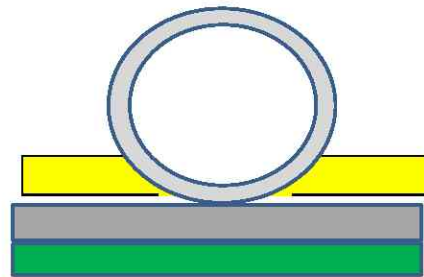
307+419 HPC / BHS



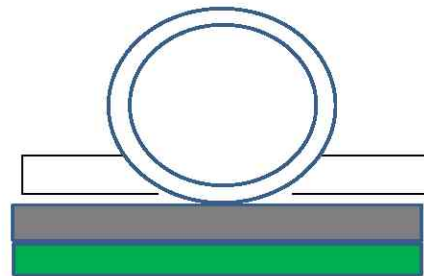
308+320 HPC / BHS



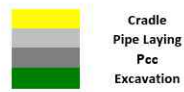
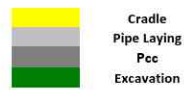
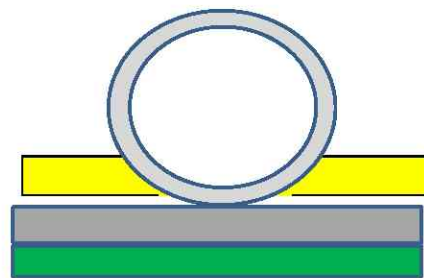
304+649 HPC / BHS

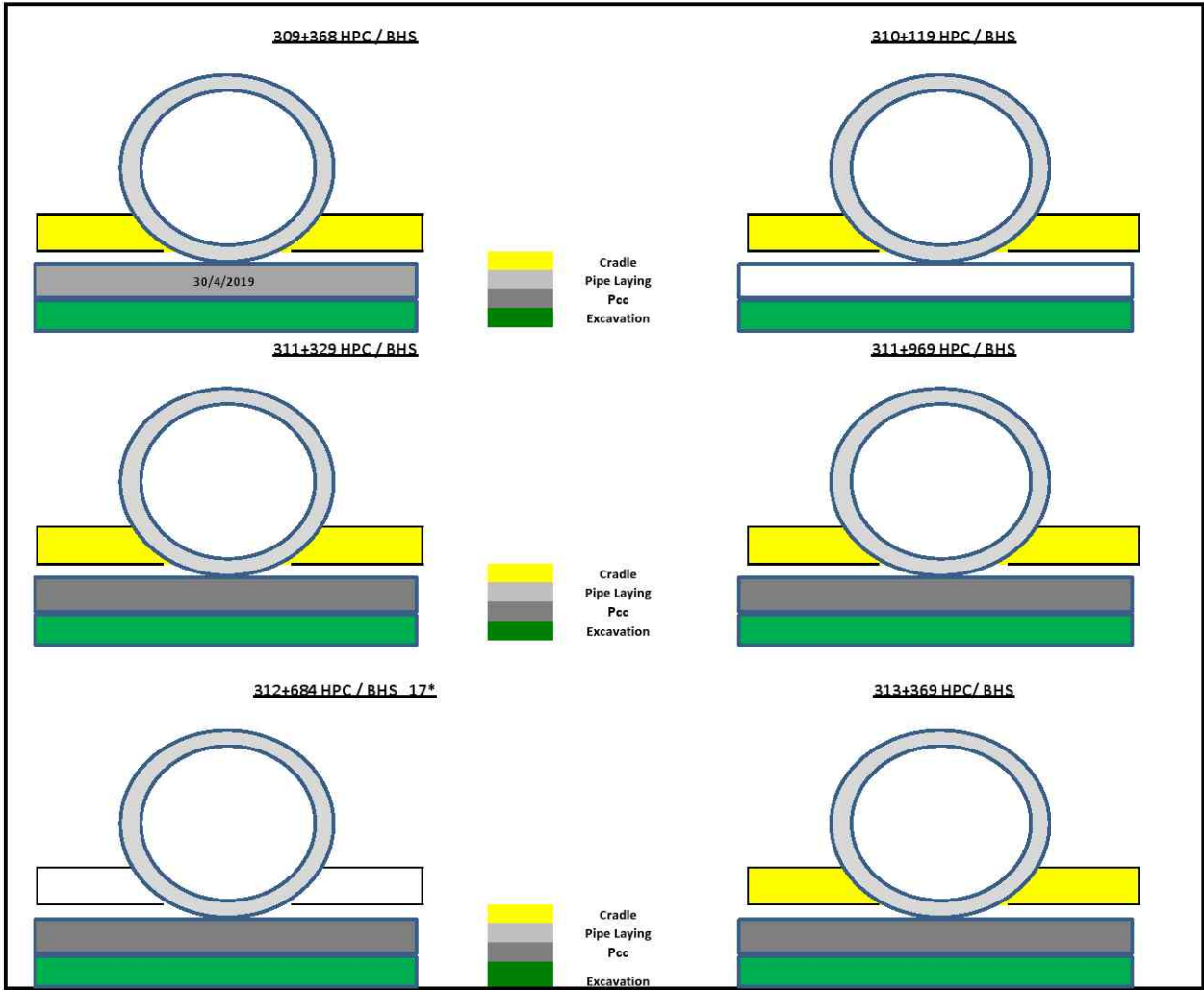


307+969 HPC / BHS

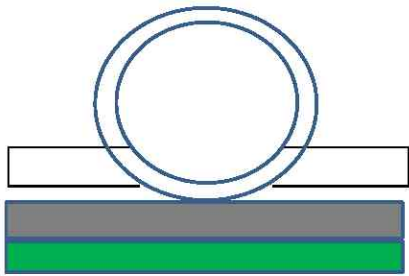


308+794 HPC / BHS

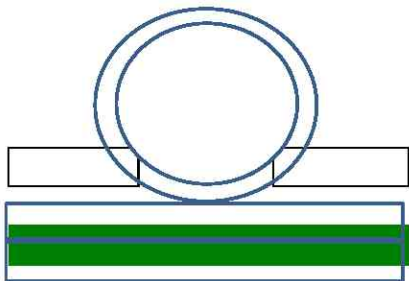




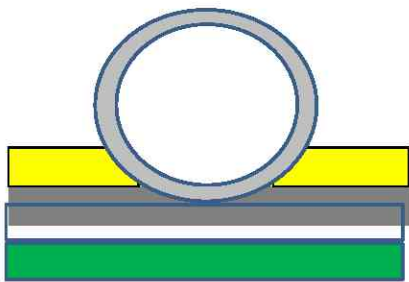
313+790.HPC / BHS 36*



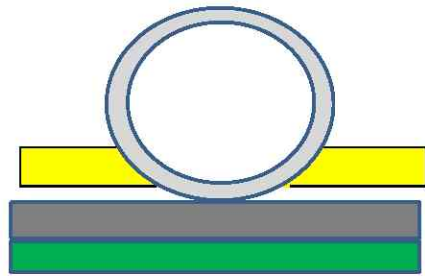
315+719 HPC/BHS



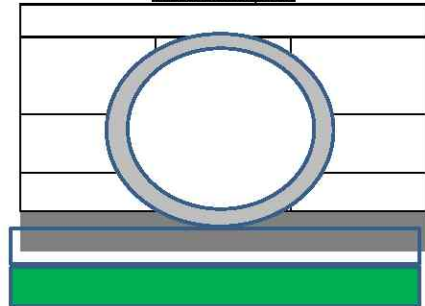
316+819 HPC/BHS



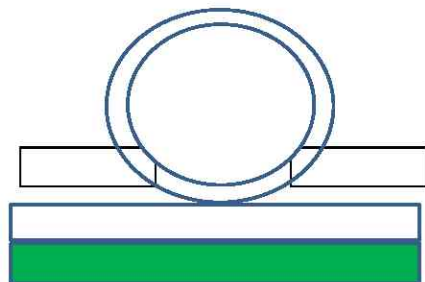
314+669 HPC / BHS



316+069 HPC/BHS



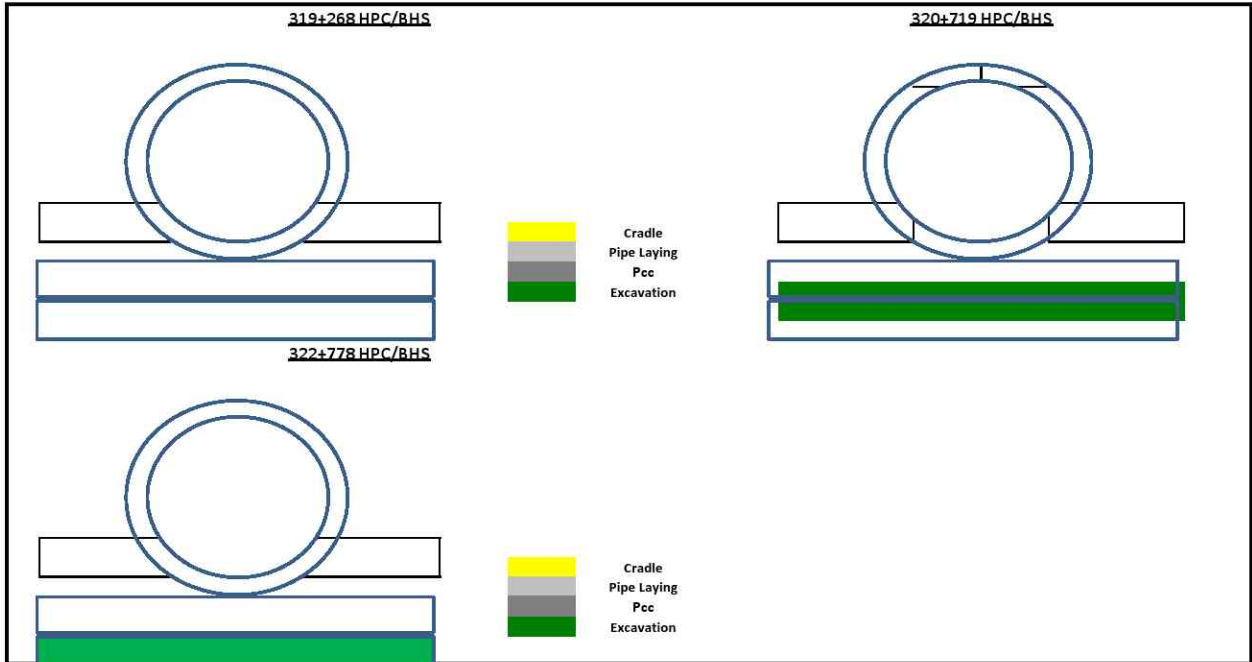
317+470 HPC/BHS



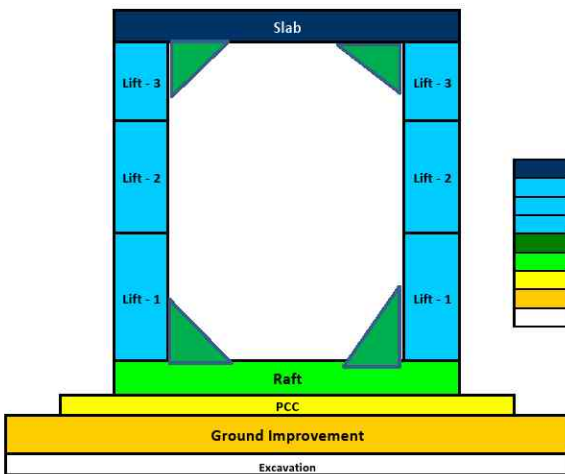
Cradle
Pipe Laying
Pec
Excavation

Cradle
Pipe Laying
Pec
Excavation

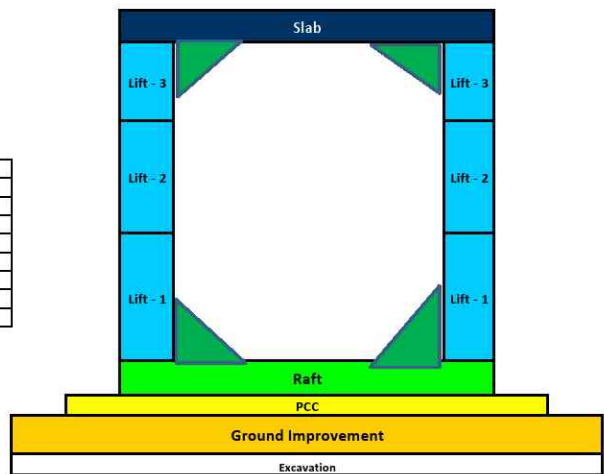
Cradle
Pipe Laying
Pec
Excavation



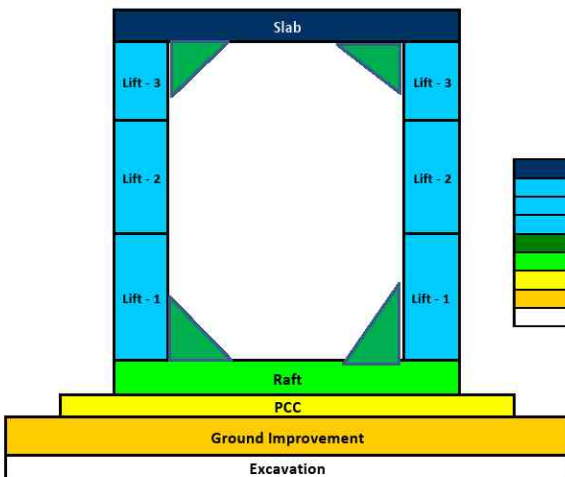
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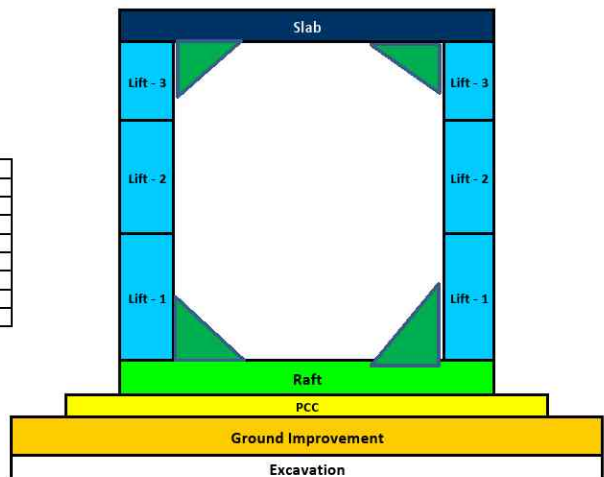
BOX CULVERT' - CH: 314+148 (LHS)



BOX CULVERT' - CH: 303+403 (RHS)



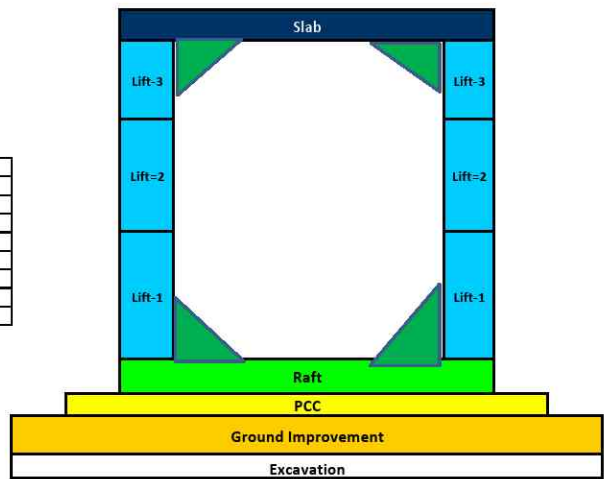
BOX CULVERT' - CH: 303+403 (LHS)



BOX CULVERT' - CH: 305+437 (RHS)

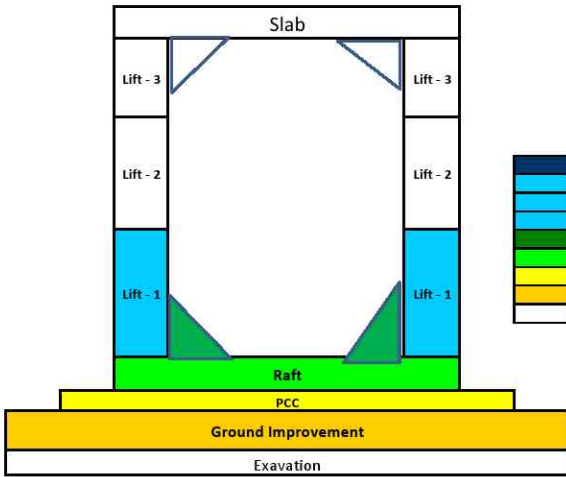


BOX CULVERT' - CH:305+437 (LHS)

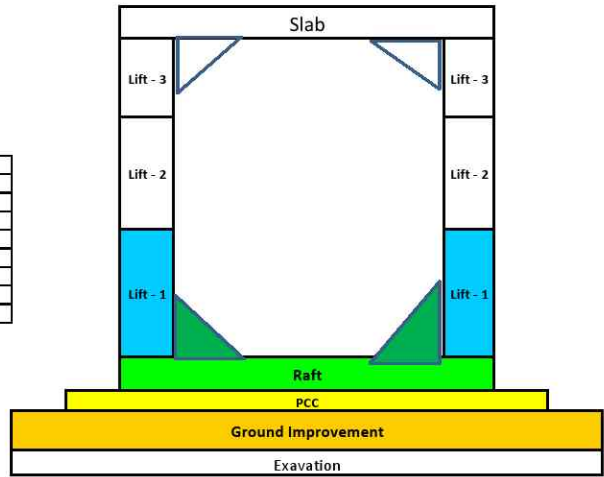


Dark Blue	Slab
Light Blue	Lift-3
Medium Blue	Lift-2
Lightest Blue	Lift-1
Dark Green	Haunch
Light Green	Raft
Yellow	PCC
Orange	GI
White	Excavation

BOX CULVERT' - CH: 300+148 (RHS)

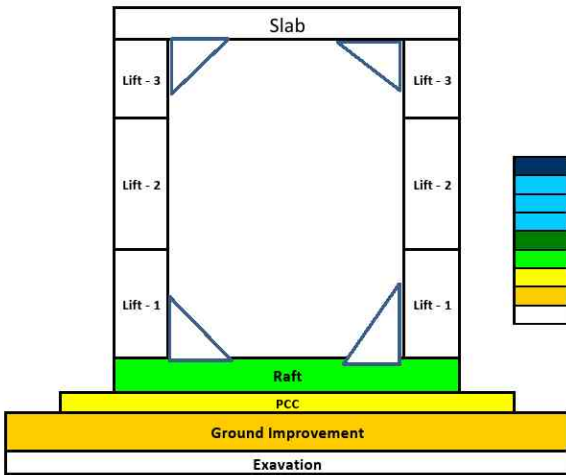


BOX CULVERT' - CH:300+148 (LHS)



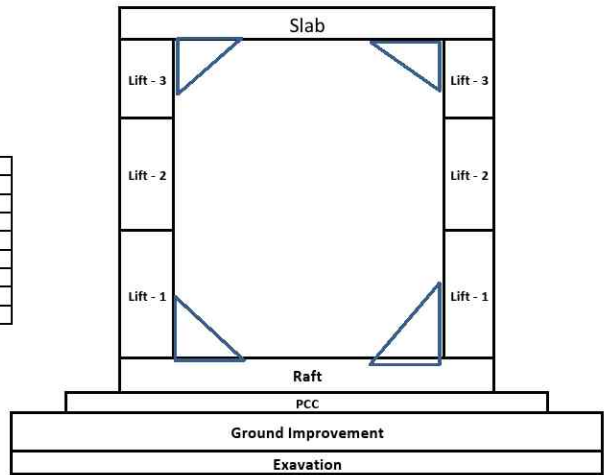
Dark Blue	Slab
Light Blue	Lift-3
Medium Blue	Lift-2
Lightest Blue	Lift-1
Dark Green	Haunch
Light Green	Raft
Yellow	PCC
Orange	GI
White	Excavation

BOX CULVERT' - CH: 316+420 (RHS)

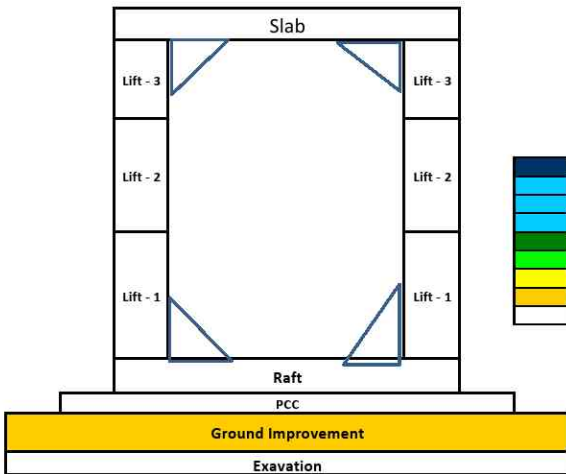


Slab
Lift-3
Lift-2
Lift-1
Haunch
Raft
PCC
GI
Excavation

BOX CULVERT' - CH: 316+420 (LHS)

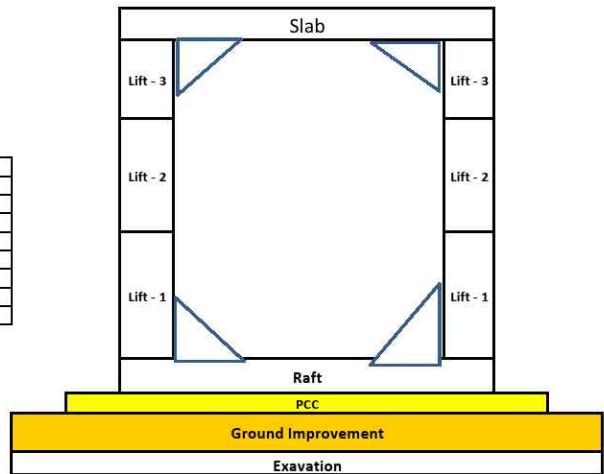


BOX CULVERT' - CH: 295+585 (RHS)

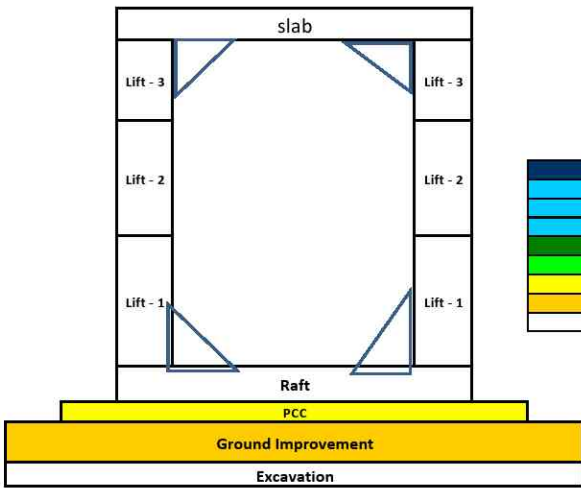


Slab
Lift-3
Lift-2
Lift-1
Haunch
Raft
PCC
GI
Excavation

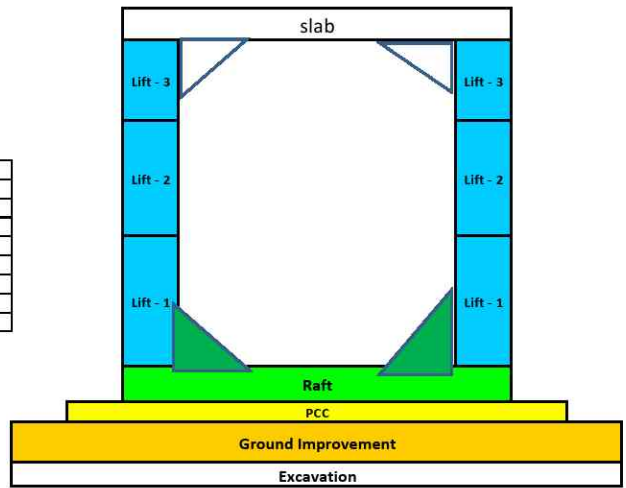
BOX CULVERT' - CH: 295+585 (LHS)



LVUP' - CH:311+047 (RHS)

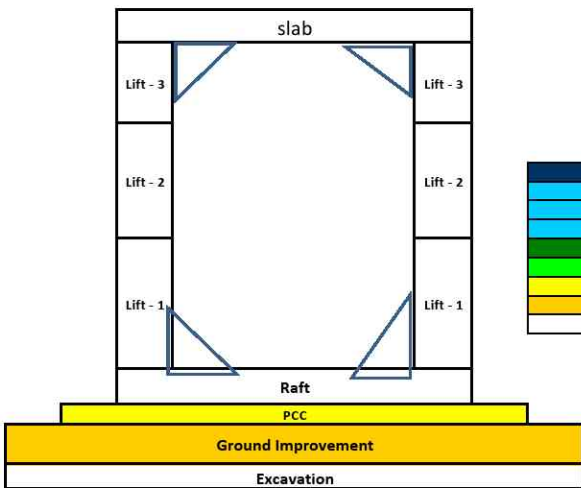


LVUP - CH:311+047 (LHS)

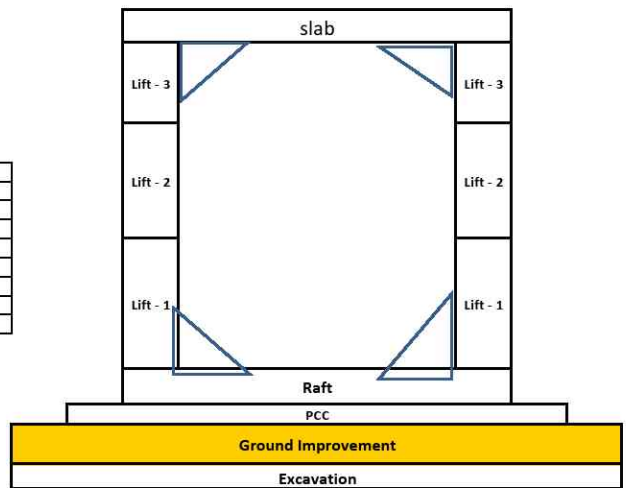


Slab
Lift-3
Lift-2
Lift-1
Hunch
Raft
PCC
GI
Excavation

LVUP-321+695 (RHS)

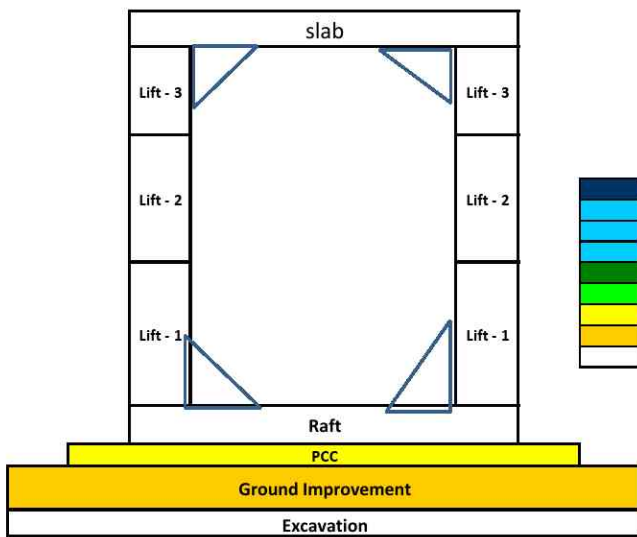


LVUP-321+695 (LHS)

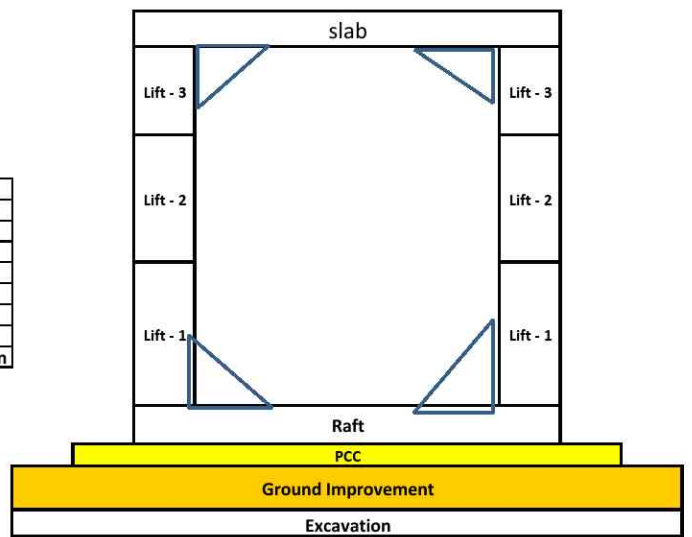


Slab
Lift-3
Lift-2
Lift-1
Hunch
Raft
PCC
GI
Excavation

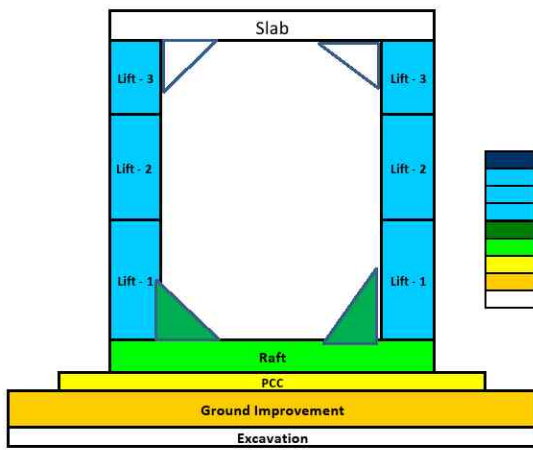
VUP' - CH: 303+808 (RHS)



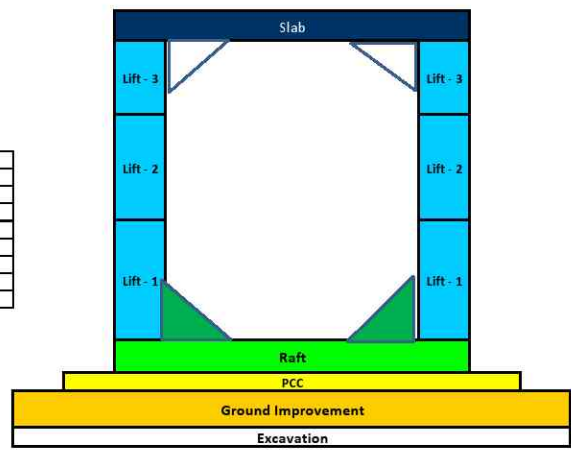
VUP' - CH: 303+808 (LHS)



PUP' - CH: 304+170 (RHS)

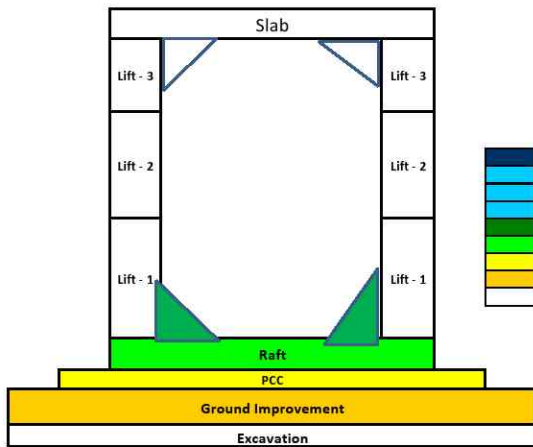


PUP' - CH: 304+170 (LHS)

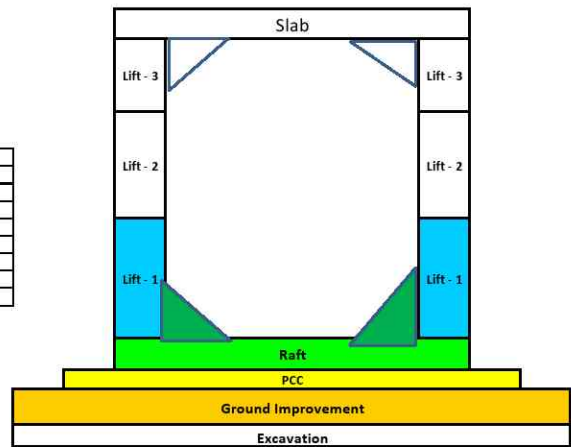


Slab
Lift-3
Lift-2
Lift-1
Hunch
Raft
PCC
GI
Excavation

PUP' - CH: 305+058 (RHS)

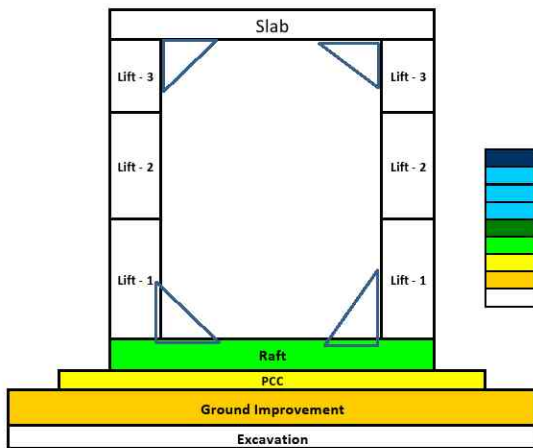


PUP' - CH: 305+058 (LHS)

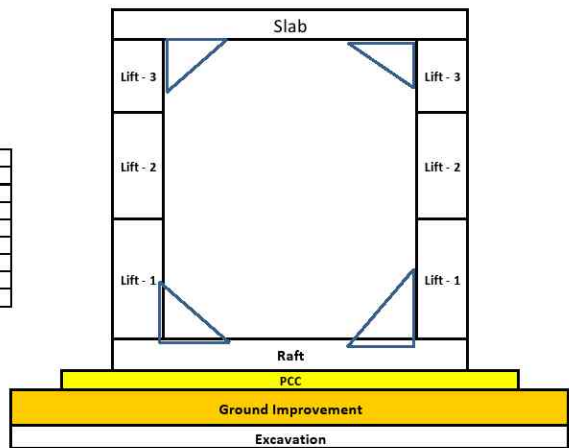


Slab
Lift-3
Lift-2
Lift-1
Hunch
Raft
PCC
GI
Excavation

PUP - CH: 309+550 (RHS)

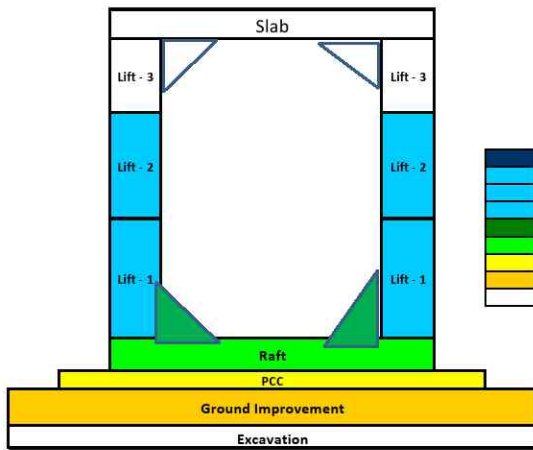


PUP - CH:309+550 (LHS)

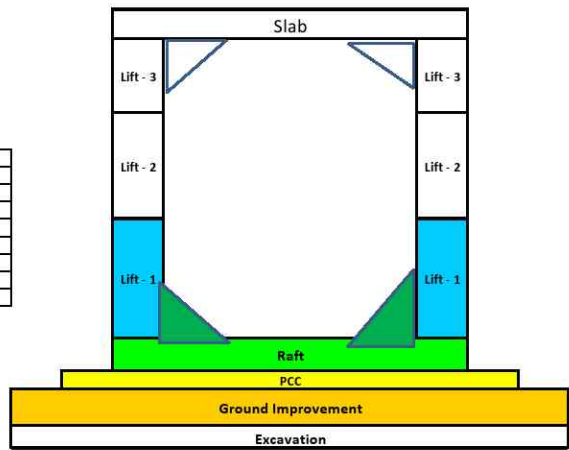


Dark Blue	Slab
Light Blue	Lift-3
Medium Blue	Lift-2
Light Blue	Lift-1
Green	Hunch
Light Green	Raft
Yellow	PCC
Orange	GI
White	Excavation

PUP-297+900(RHS)

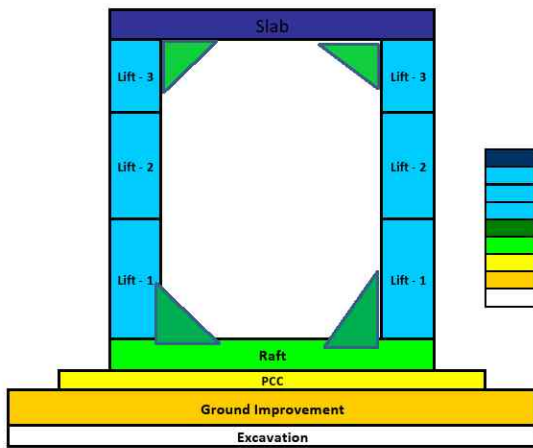


PUP-297+900(LHS)

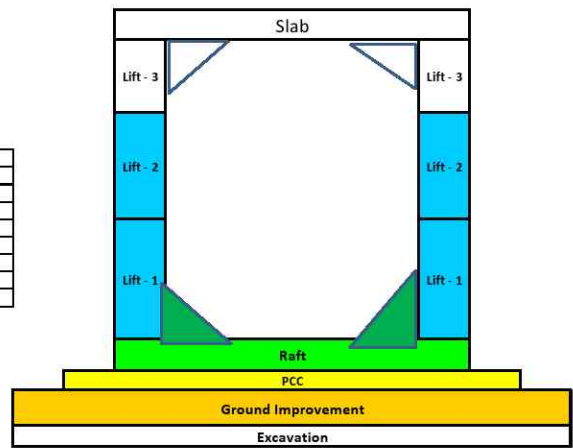


Dark Blue	Slab
Light Blue	Lift-3
Medium Blue	Lift-2
Light Blue	Lift-1
Green	Hunch
Light Green	Raft
Yellow	PCC
Orange	GI
White	Excavation

PUP-298+380(RHS)

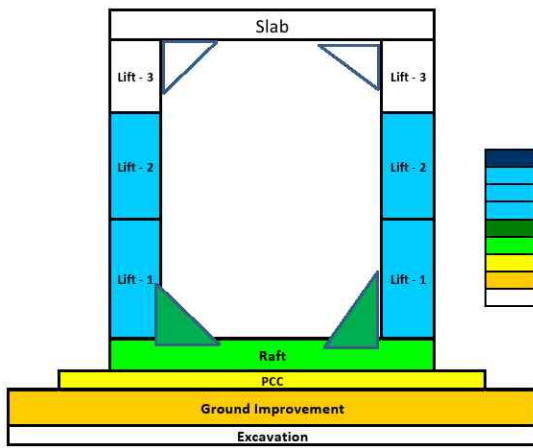


PUP-298+380(LHS)

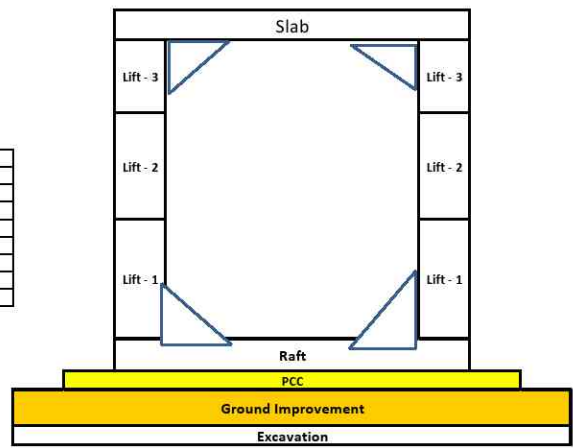


Slab
Lift-3
Lift-2
Lift-1
Hunch
Raft
PCC
GI
Excavation

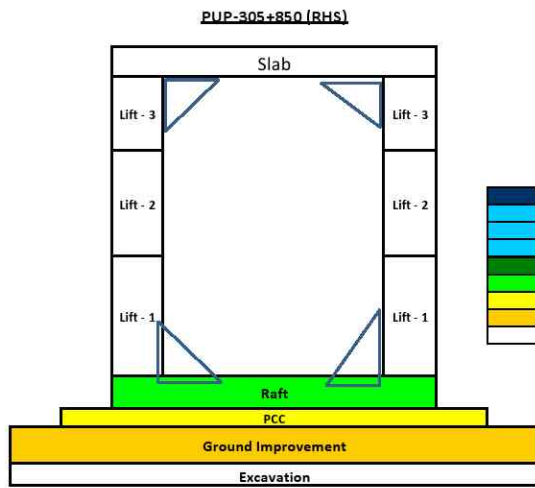
PUP-311+650 (RHS)



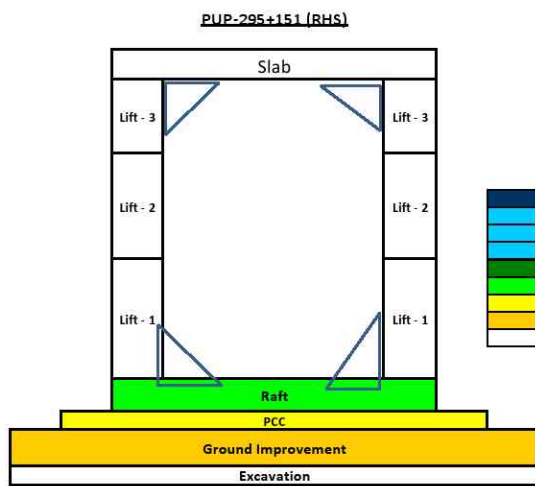
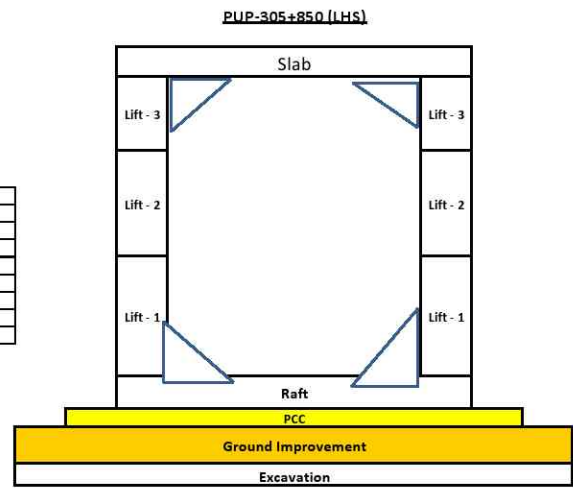
PUP-311+650 (LHS)



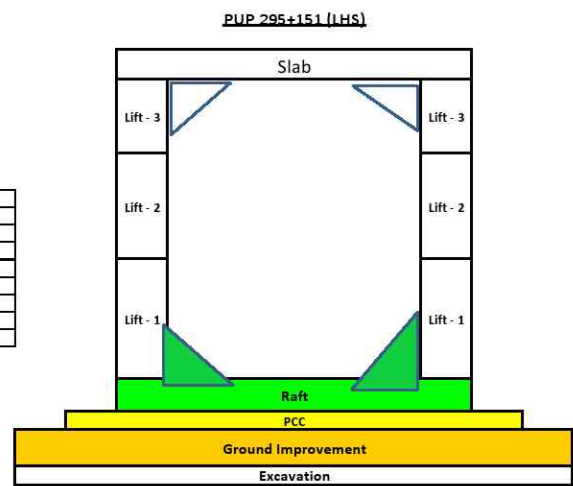
Slab
Lift-3
Lift-2
Lift-1
Hunch
Raft
PCC
GI
Excavation



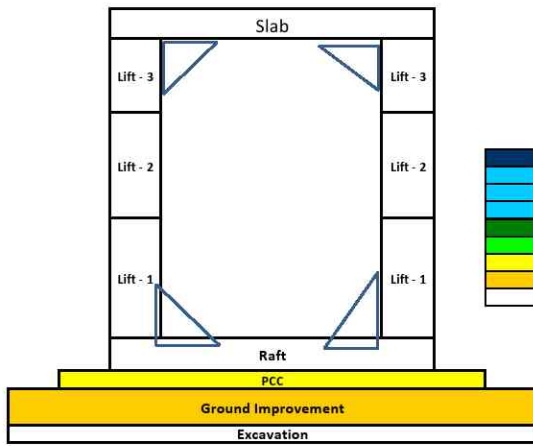
Dark Blue	Slab
Light Blue	Lift-3
Medium Blue	Lift-2
Light Cyan	Lift-1
Green	Hunch
Light Green	Raft
Yellow	PCC
Orange	GI
White	Excavation



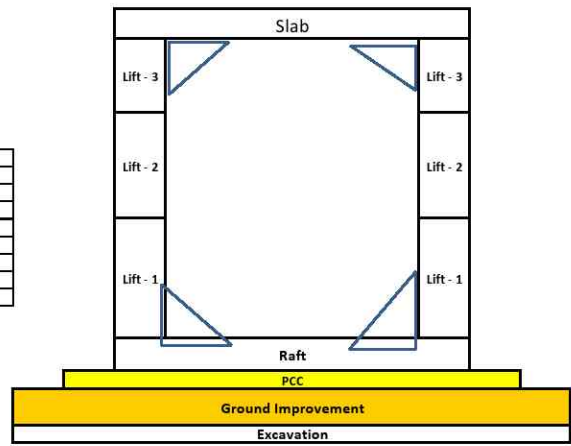
Dark Blue	Slab
Light Blue	Lift-3
Medium Blue	Lift-2
Light Cyan	Lift-1
Green	Hunch
Light Green	Raft
Yellow	PCC
Orange	GI
White	Excavation



PUP-303+220 (RHS)

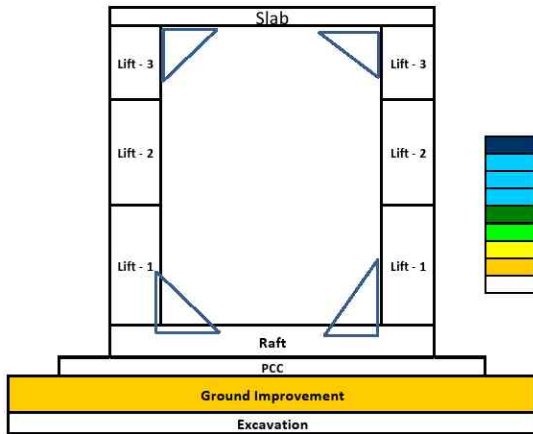


PUP 303+220 (LHS)

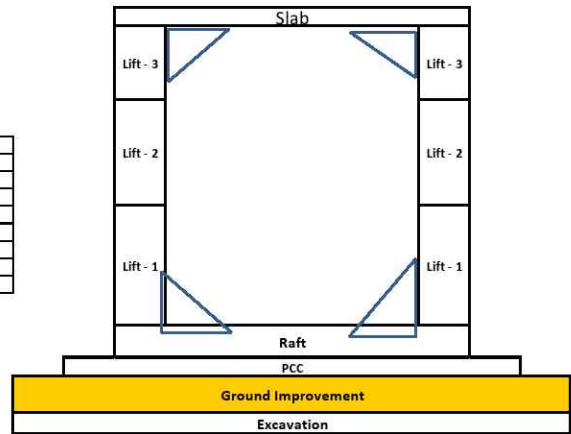


Slab
Lift-3
Lift-2
Lift-1
Hunch
Raft
PCC
GI
Excavation

PUP-310+480 (RHS)

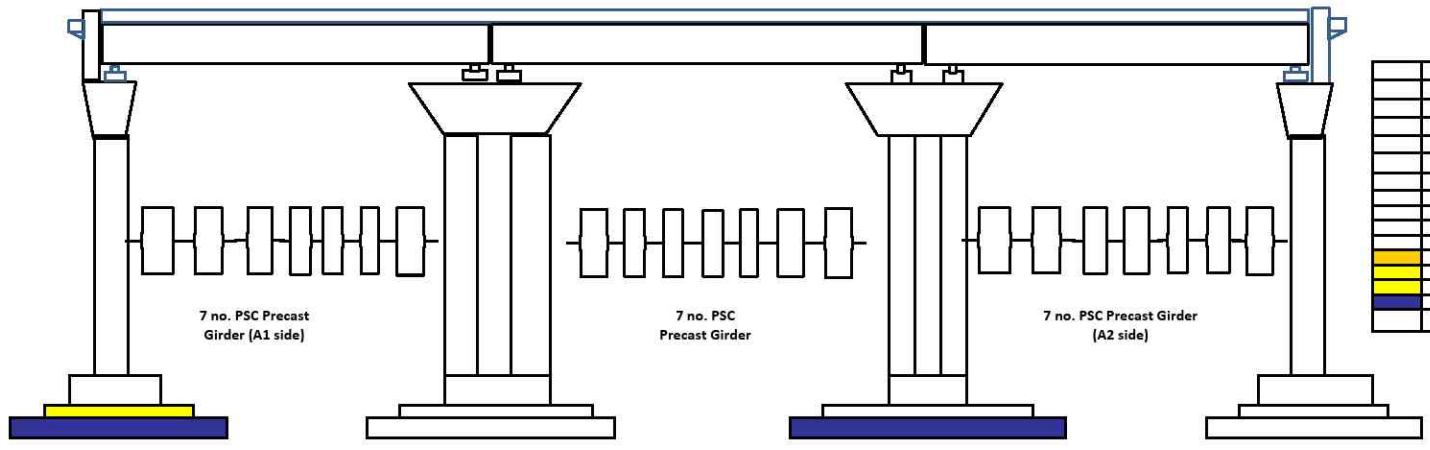


PUP 310+480 (LHS)



Slab
Lift-3
Lift-2
Lift-1
Hunch
Raft
PCC
GI
Excavation

FO - CH: 299+354 (LHS)



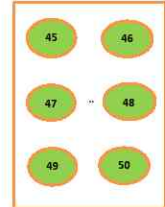
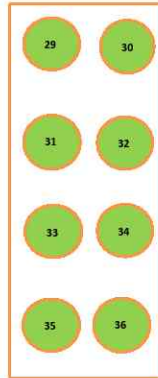
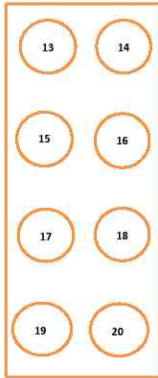
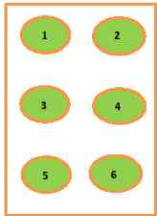
	Slab
	PSC Girder
	RCC Girder
	Dirt Wall
	Pedestal
	Abutment Cap
	Final lift
	Lift-4
	Lift-3
	Lift-2
	Lift-1
	Pile cap
	Pile Cap PCC
	Pile
	Excavation
	Work not started

LHS A1

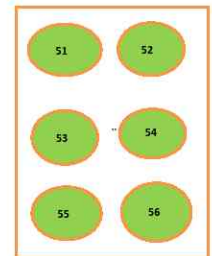
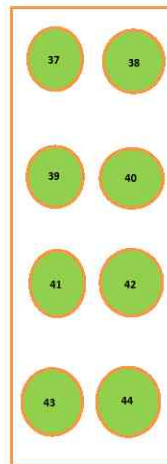
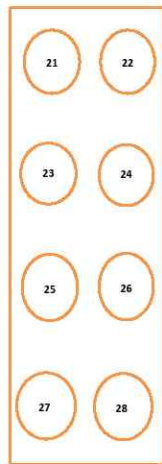
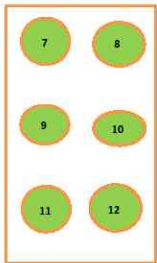
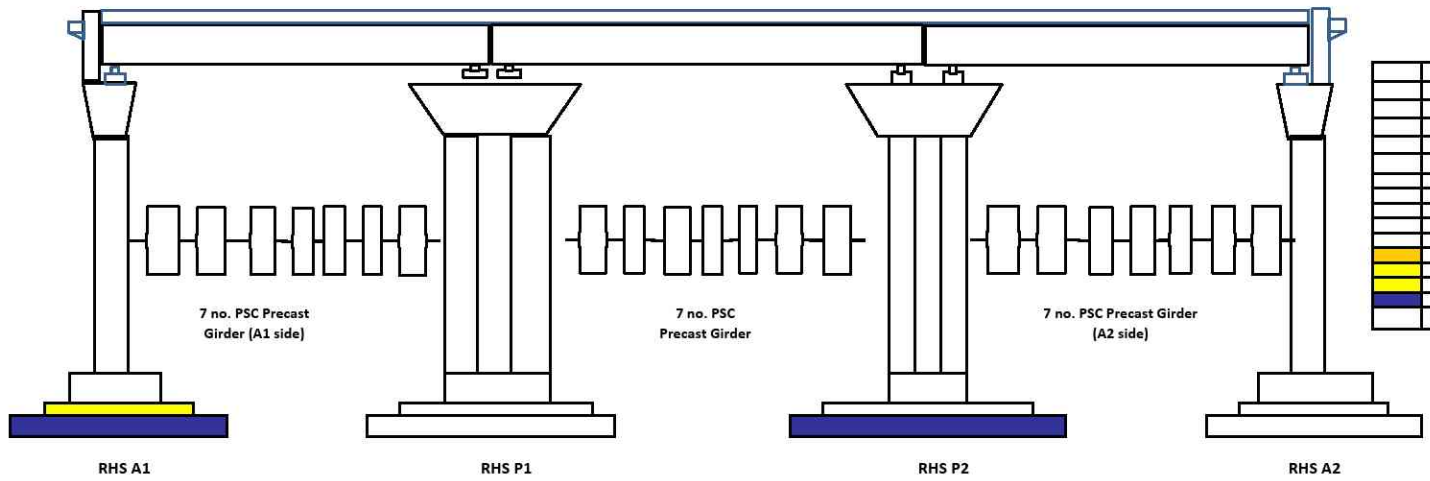
LHS P1

LHS P2

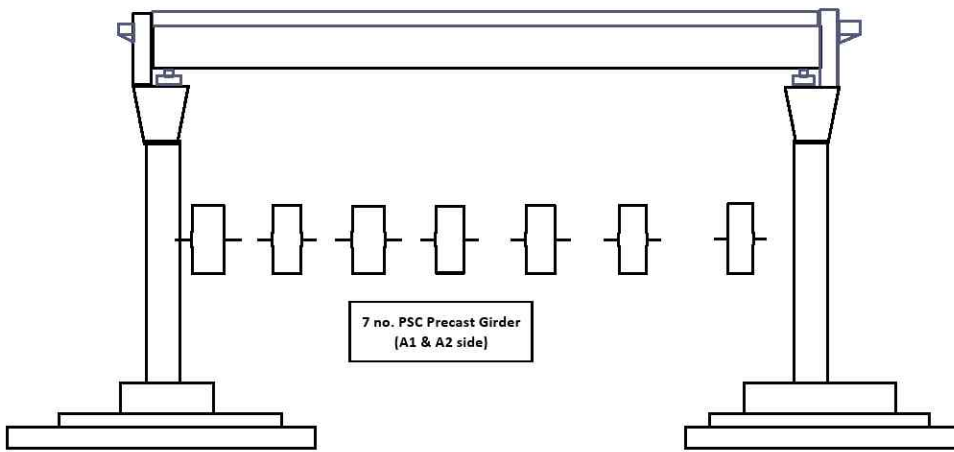
LHS A2



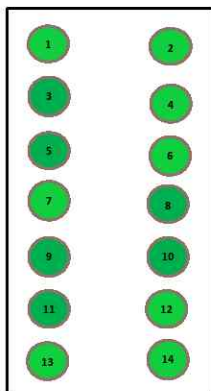
FO - CH: 299+354 (RHS)



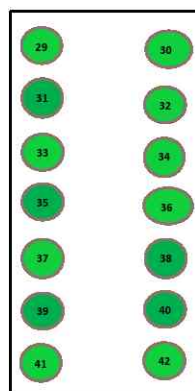
MNB -CH:297+562 (LHS)



LHS A1

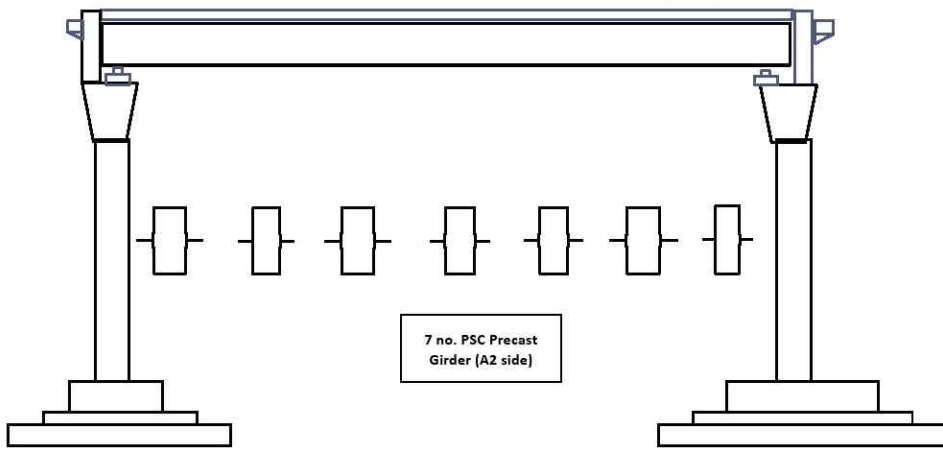


LHS A2



	Slab
	PSC Girder
	RCC Girder
	Dirt Wall
	Pedestal
	Abutment Cap
	Final lift
	Lift-4
	Lift-3
	Lift-2
	Lift-1
	Pile cap
	Pile Cap PCC
	Pile
	Excavation
	Work not started

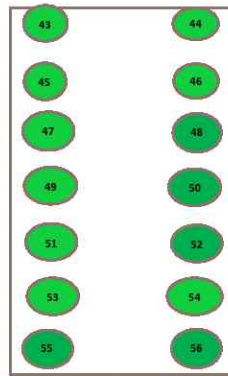
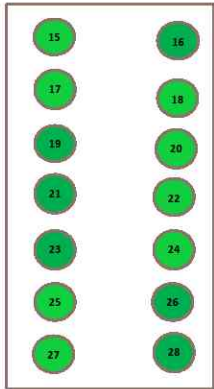
MNB -CH: 297+562 (RHS)



7 no. PSC Precast
Girder (A2 side)

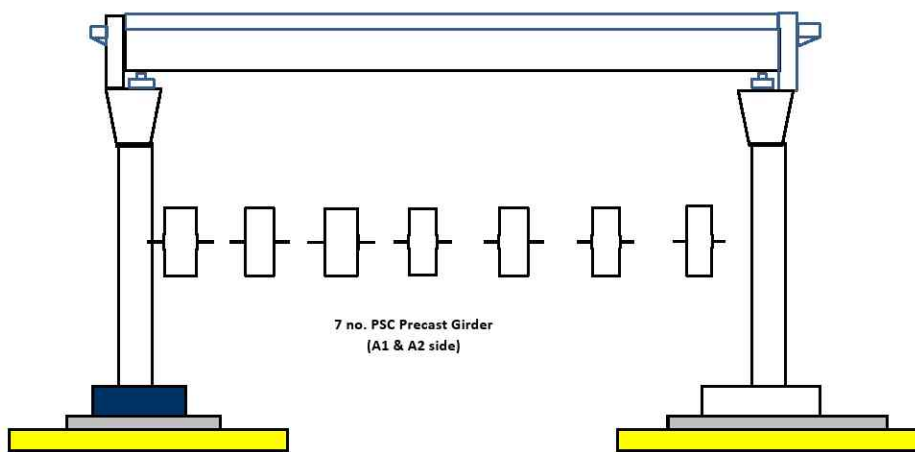
RHS A1

RHS A2



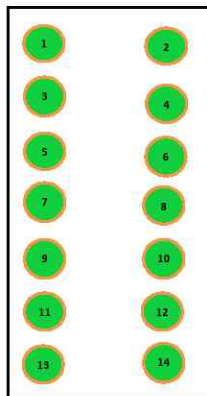
	Slab
	PSC Girder
	RCC Girder
	Dirt Wall
	Pedestal
	Abutment Cap
	Final lift
	Lift-4
	Lift-3
	Lift-2
	Lift-1
	Pile cap
	Pile Cap PCC
	Pile
	Excavation
	Work not started

MNB - CH:307+733 (LHS)

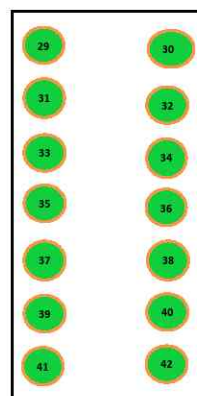


	Slab
	PSC Girder
	RCC Girder
	Dirt Wall
	Pedestal
	Abutment Cap
	Final lift
	Lift-4
	Lift-3
	Lift-2
	Lift-1
	Pile cap
	Pile Cap PCC
	Pile
	Excavation
	Work not started

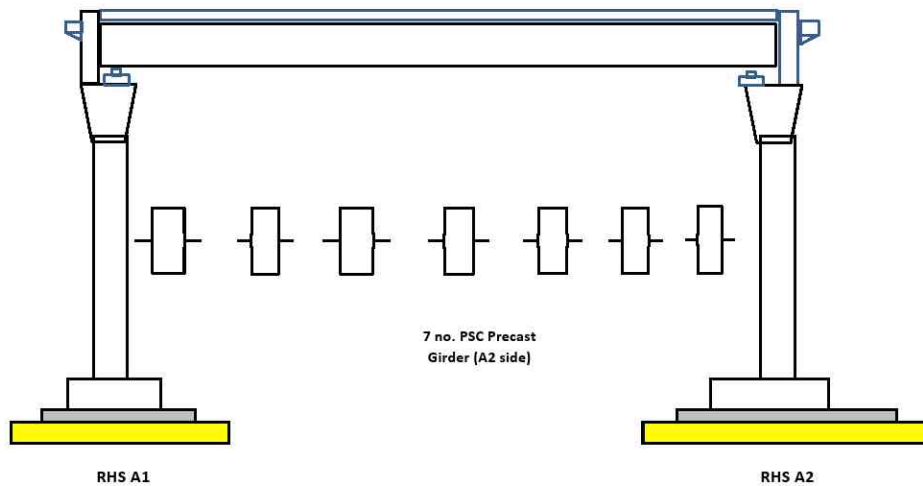
LHS A1



LHS A2

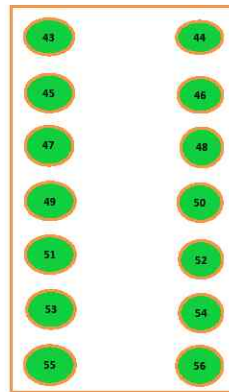
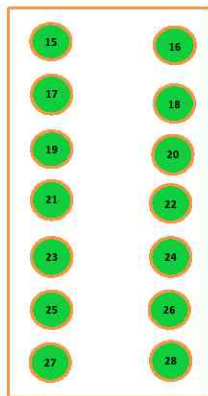


MNB - CH: 307+733 (RHS)

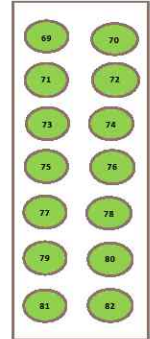
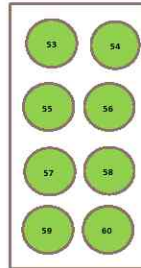
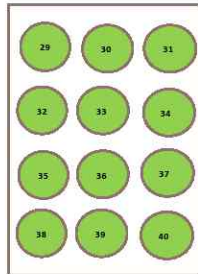
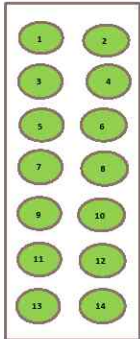
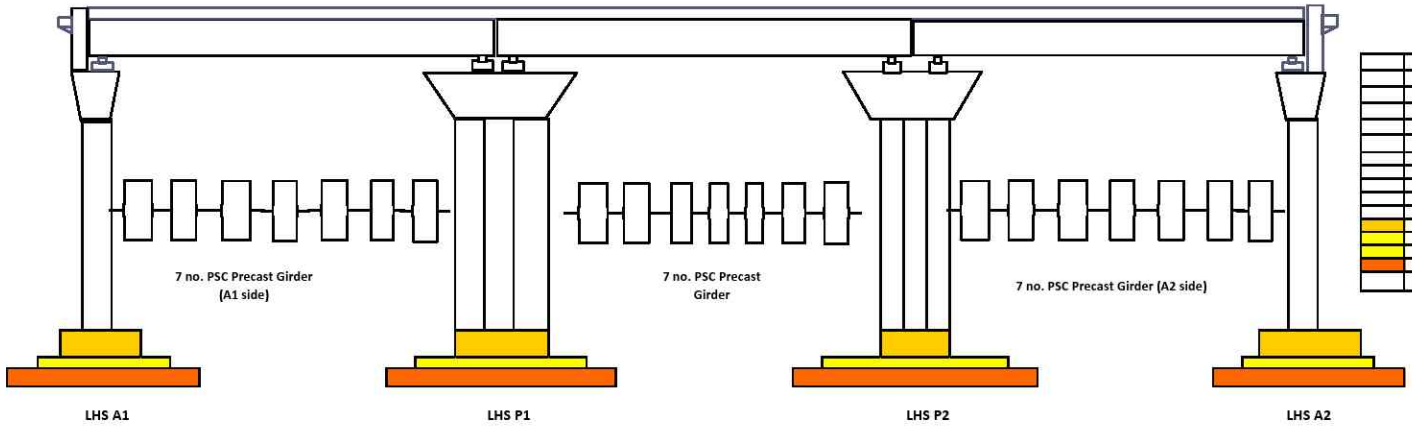


7 no. PSC Precast
Girder (A2 side)

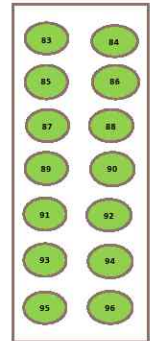
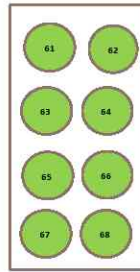
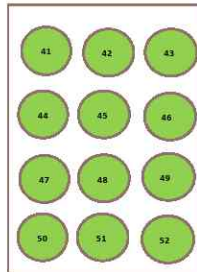
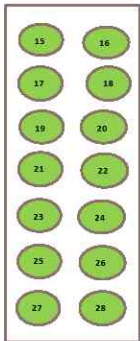
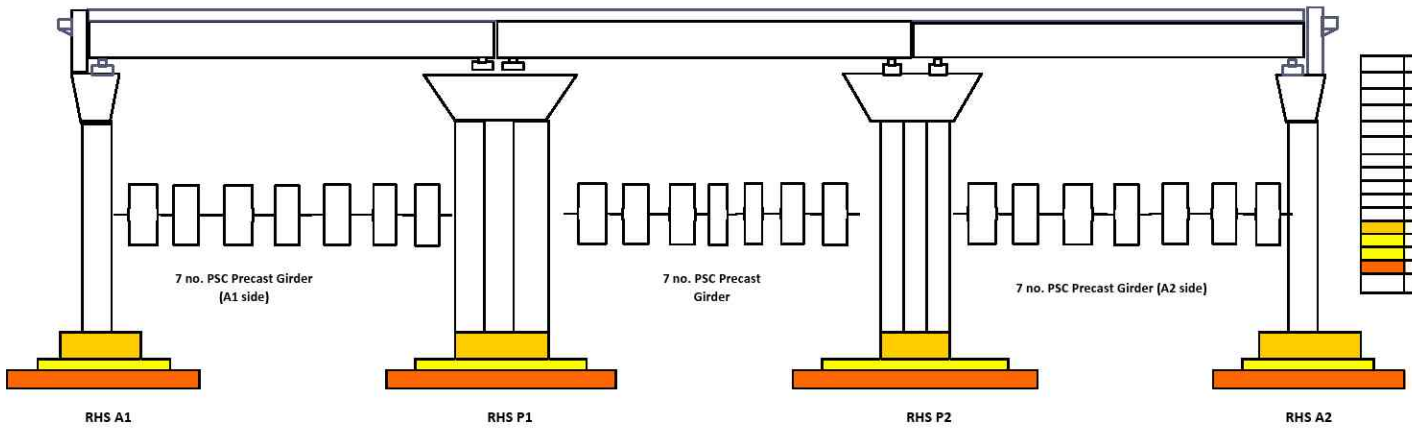
	Slab
	PSC Girder
	RCC Girder
	Dirt Wall
	Pedestal
	Abutment Cap
	Final lift
	Lift-4
	Lift-3
	Lift-2
	Lift-1
	Pile cap
	Pile Cap PCC
	Pile
	Excavation
	Work not started



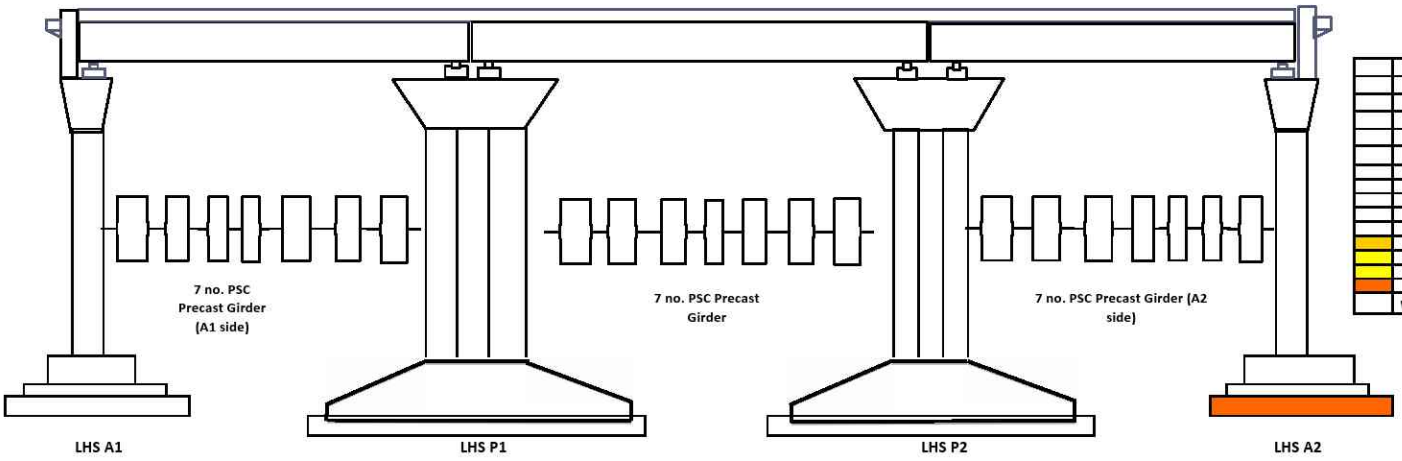
MJB - CH: 302+713 (LHS)



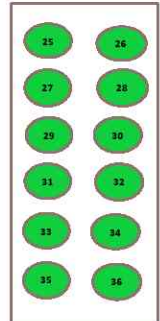
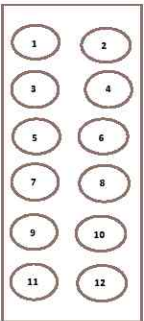
MJB - CH: 302+713 (RHS)



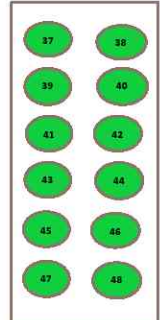
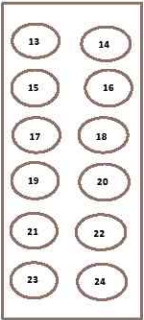
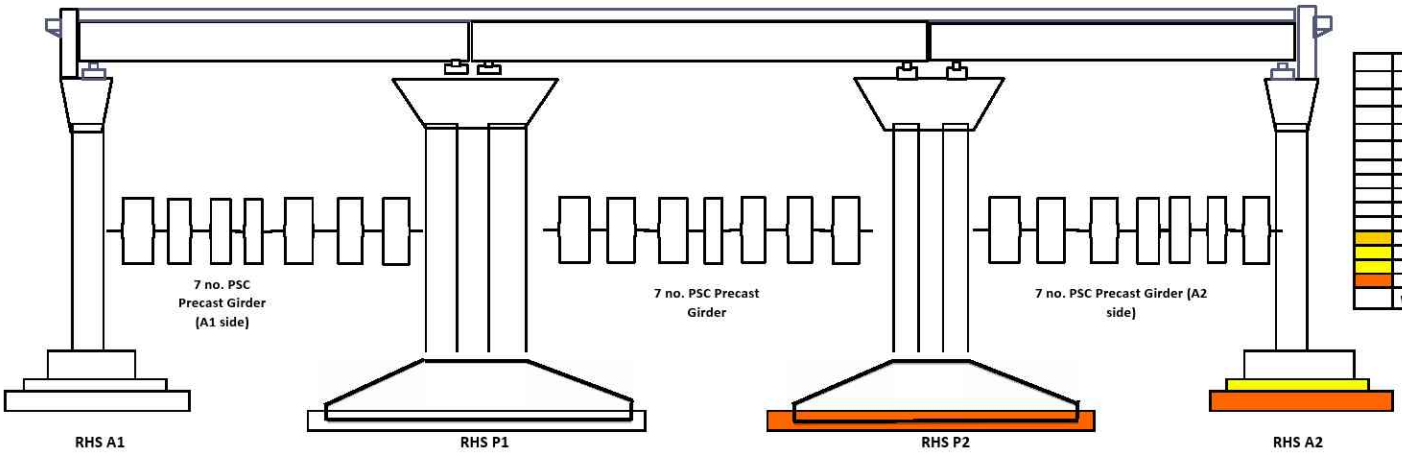
MJB - CH: 318+870 (LHS)



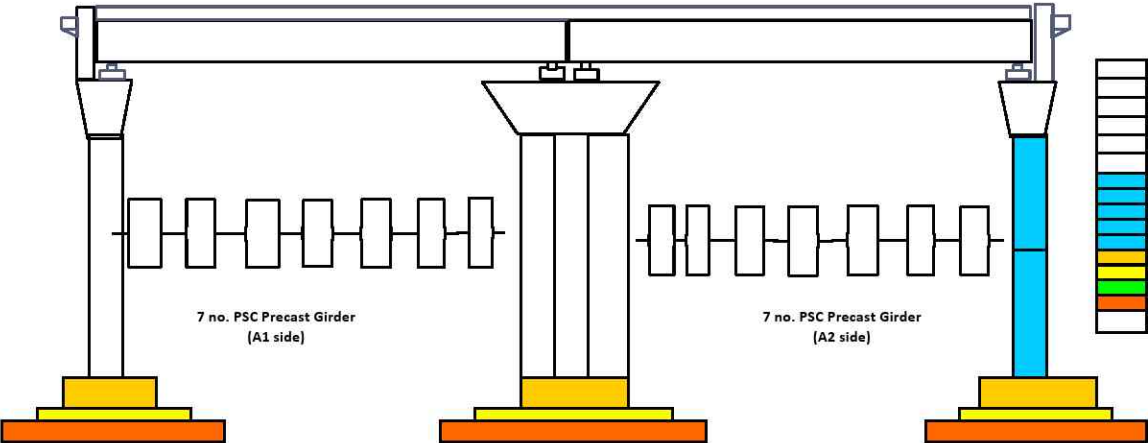
	Slab
	PSC Girder
	RCC Girder
	Dirt Wall
	Pedestal
	Abutment Cap
	Final lift
	Lift-4
	Lift-3
	Lift-2
	Lift-1
	Pile cap
	Pile Cap PCC
	Pile
	Excavation
	Work not started



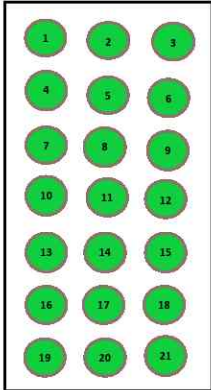
MJB - CH: 318+870 (RHS)



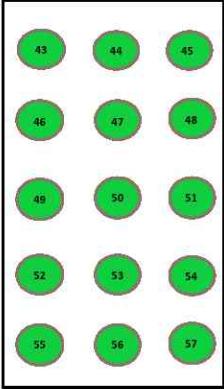
MJB - CH: 321+253 (LHS)



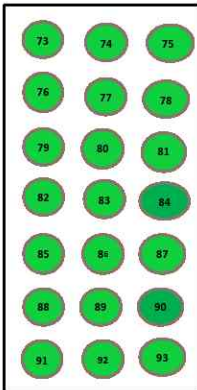
LHS A1



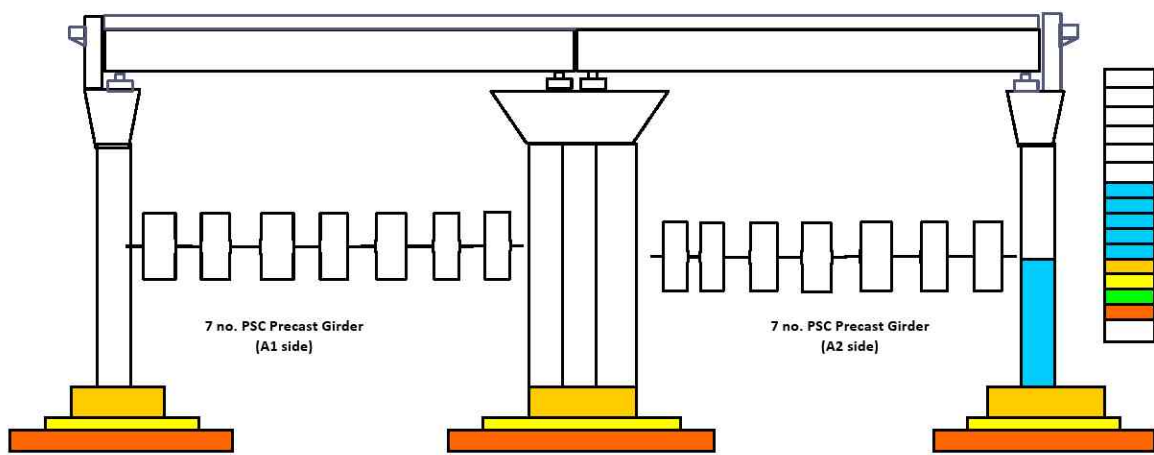
LHS P1



LHS A2



MJB - CH: 321+253 (RHS)

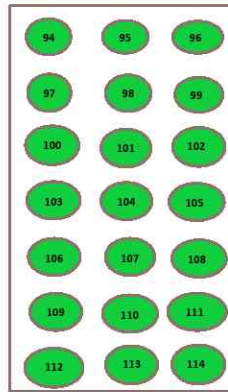
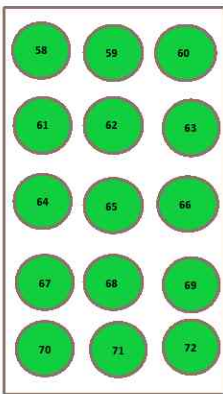
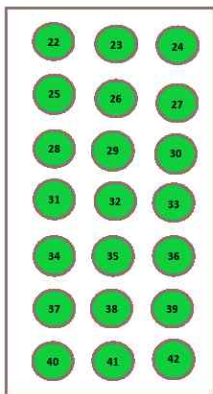


	Slab
	PSC Girder
	RCC Girder
	Dirt Wall
	Pedestal
	Abutment Cap
	Final lift
	Lift-4
	Lift-3
	Lift-2
	Lift-1
	Pile cap
	Pile Cap PCC
	Pile
	Excavation
	Work not started

RHS A1

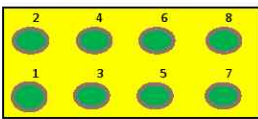
RHS P1

RHS A2

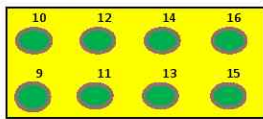


ROB-293+014

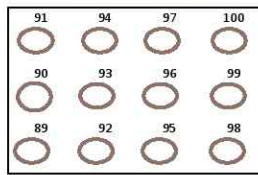
LA.1



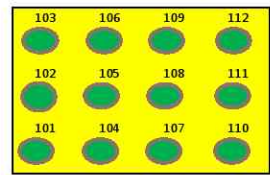
RA.1



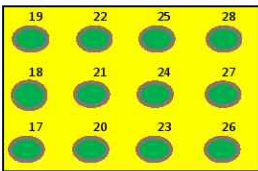
LP.4



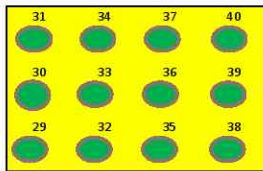
RP.4



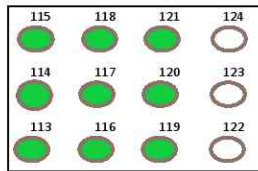
LP.1



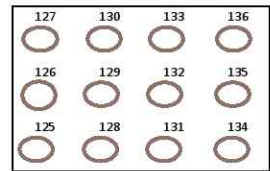
RP.1



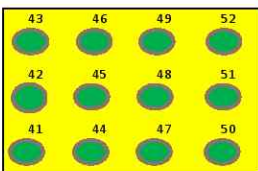
LP.5



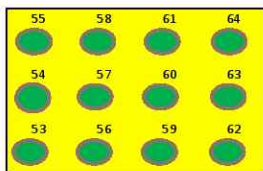
RP.5



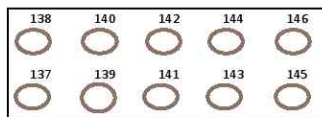
LP.2



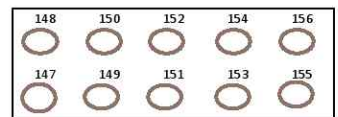
RP.2



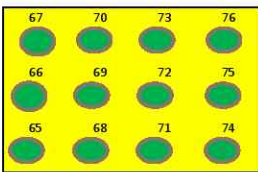
LA.6



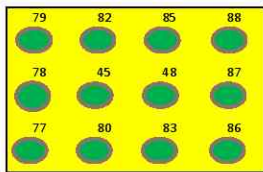
RA.6



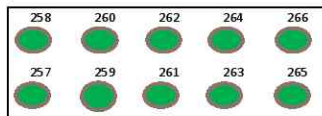
LP.3



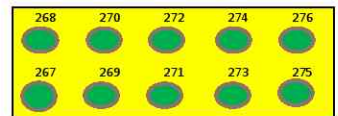
RP.3



LA.10



RA.10



ROB-293+014

LP.11

279	282	285	288
278	281	284	287
277	280	283	286

RP.11

291	294	297	300
290	293	296	299
289	292	295	298

LP.12

303	306	309	312
302	305	308	311
301	304	307	310

RP.12

315	318	321	324
314	317	320	323
313	316	319	322

LP.13

327	330	333	336
326	329	332	335
325	328	331	334

RP.13

339	342	345	348
338	341	344	347
337	340	343	346

LP.14

351	354	357	360
350	353	356	359
349	352	355	358

RP.14

363	366	369	372
362	365	368	371
361	364	367	370

LP.15

375	378	381	384
374	377	380	383
373	376	379	382

RP.15

387	390	393	396
386	389	392	395
385	388	391	394

LA.2

398	400	402	404
397	399	401	403

RA.2

406	408	410	412
405	407	409	411

**NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Road Transport and Highways)**

PROJECT	Construction of Eight lane Vadodara Mumbai Expressway from km 292.00 to km 323.00 (Manubar to Sapna Section of Vadodara Mumbai Expressway) in the state of Gujarat under NHDP Phase -VI on Hybrid annuity Mode (Phase IA- Package-III)
CLIENT	National highway authority of India
CONCESSIONAIRE	Patel Vadodara - Kim Expressway Private Limited
INDEPENDENT ENGINEER	Aarvee Associates Architects & Consultant Pvt Ltd.
EPC CONTRACTOR	Patel Infrastructure Limited

LAB. EQUIPMENTS CALIBRATION PLAN FOR THE MONTH OF SEPTEMBER-2019

SL No	ITEM NAME	CAPACITY / SIZE	MAKE	ID NO	Date of Calibration	Due Date of Calibration	REMARK
1	Compression Testing Machine (CTM)	2000 KN	Haridarshan	SL No-201818	01.07.2019	30.06.2020	
2	Flexural Testing Machine (FTM)	100 KN	EIE Instruments	SL No-1605180	18.02.2019	17.02.2020	
3	Proving Ring	30 KN	EIE Instruments	PR-30KN-01007	07.02.2019	06.02.2020	
4	Proving Ring	25 KN	EIE Instruments	PR-25KN-01884	07.02.2019	06.02.2020	
5	Proving Ring	2.5 KN	EIE Instruments	PR-2.5KN-470.2018	08.05.2019	07.05.2020	
6	CBR Penetration dial gauge	0.01-25 mm	BAKER	XFF397	08.05.2019	07.05.2020	
7	CBR Penetration dial gauge	0.01-25 mm	KANN	L1991	06.03.2019	05.03.2020	
8	Hot Air Oven	0 to 300 ^o C	EIE Instruments	SL No-160606	02.02.2019	01.02.2020	
9	Electronic Balance	100 Kg	Swisser	SL No-2190647	05.07.2019	04.07.2020	
10	Electronic Balance	50 Kg	Swisser	SL No-2190683	05.07.2019	04.07.2020	
11	Electronic Balance	50 Kg	Swisser	SL No-2190323	12.03.2019	11.03.2020	
12	Electronic Balance	30 Kg	Swisser	SL No-2190713	10.07.2019	07.07.2020	
13	Electronic Balance	30 Kg	Swisser	SL No-2190714	10.07.2019	07.07.2020	
14	Electronic Balance	20 Kg	Swisser	SL No-2190701	05.07.2019	04.07.2020	
15	Electronic Balance	10 Kg	Swisser	SL No-2190326	15.06.2019	14.06.2020	
16	Electronic Balance	10 Kg	Swisser	SL No-2180656	02.11.2018	01.11.2019	
17	Rapid Moisture Meter (RMM)	0-25 %	EIE Instruments		28.02.2019	27.02.2020	
18	Vicat Needle Apparatus		EIE Instruments		04.07.2019	03.07.2020	
19	CBR Mould	150 mm	EIE Instruments		13.06.2019	12.06.2020	
20	Proctor Rammer	4.89 Kg	EIE Instruments		13.06.2019	12.06.2020	
21	Rain Gauge		EIE Instruments		02.07.2019	01.07.2020	
22	Nuclear Density Gauge	Model No-H5001EZ	Humboldt	Sr. No-5458	09.09.2019	08.09.2020	
IN-HOUSE CALIBRATION							
1	Concrete Batching Plant (Patel)	150 M ³	Schwing Stetter	M-2.5 C	12.07.2019	11.10.2019	
2	Concrete Batching Plant (Patel)	60 M ³	Schwing Stetter	M-1.0 C	11.07.2019	10.10.2019	
3	Concrete Batching Plant (Keya)	60 M ³	Schwing Stetter	M-1.0 C	22.07.2019	21.10.2019	
4	Moisture Container (Big Size)	100x75 cm	EIE Instruments		16.09.2019	15.12.2019	
5	Moisture Container (Mideum Size)	75x50 cm	EIE Instruments		16.09.2019	15.12.2019	
6	Moisture Container (Small Size)	50x50 cm	EIE Instruments		16.09.2019	15.12.2019	
7	Sand Pouring Cylinder	200 mm	EIE Instruments		28.08.2019	27.11.2019	
8	Sand Pouring Cylinder	150 mm	EIE Instruments		03.08.2019	03.11.2019	
9	Sand Pouring Cylinder	100 mm	EIE Instruments		22.08.2019	21.11.2019	
10	Rapid Moisture Meter(RMM)	0-25 %	EIE Instruments		08.07.2019	07.01.2020	
11	Proctor Mould	1000 cc	EIE Instruments		09.04.2019	10.10.2019	
12	CBR Mould	150 mm dia	EIE Instruments		09.04.2019	07.10.2019	
13	Concrete cube Mould	15x15x15 cm	EIE Instruments		28.02.2019	28.02.2020	
14	Cement Mortar Mould	7.06x7.06x7.06 cm	EIE Instruments		24.12.2018	23.12.2019	
15	Beam Mould	70x15x15 cm	EIE Instruments		14.07.2019	13.07.2020	
16	Slump Cone	30x20x10 cm	EIE Instruments		24.12.2018	23.12.2019	
17	Test sieve	450 mm dia	EIE Instruments		22.12.2018	21.12.2019	
18	Test sieve	200 mm dia	EIE Instruments		22.12.2018	21.12.2019	

Chhironi
EPC Representative

D.P.M. @ 20.12.19
Concessionaire's Representative

Atom E
IE's Representative

Annexure-09 Project photographs



307+733 MNB pile cap Concreting



311+047 LVUP raft Concreting

Annexure-09 Project photographs



311+047 LVUP slab Reinforcement



321+253 MJB Abutment concreting

Annexure-09 Project photographs



on site Cub casting at 311+047 LVUP



ROB P1 shaft concreting

Annexure-09 Project photographs



VUP ch 303+808 raft concrete work



TO O.L BOX SAFETY TALK

Patel Infrastructure Ltd. Logo

PROJECT Name: *Valmiki Park Swimming Pool* PROJECT NO: *1000000000*

DATE: *04/10/2019*

SAFETY (INCIDENT/INJURY) REG. TALK

Sl. No.	NAME	DESIGNATION	Signature	Remarks
1	P. Lal	Manager	[Signature]	
2	Rajendra	Manager	[Signature]	
3	Rajendra	Manager	[Signature]	
4	Rajendra	Manager	[Signature]	
5	Rajendra	Manager	[Signature]	
6	Rajendra	Manager	[Signature]	
7	Rajendra	Manager	[Signature]	
8	Rajendra	Manager	[Signature]	
9	Rajendra	Manager	[Signature]	
10	Rajendra	Manager	[Signature]	
11	Rajendra	Manager	[Signature]	
12	Rajendra	Manager	[Signature]	
13	Rajendra	Manager	[Signature]	
14	Rajendra	Manager	[Signature]	
15	Rajendra	Manager	[Signature]	
16	Rajendra	Manager	[Signature]	
17	Rajendra	Manager	[Signature]	
18	Rajendra	Manager	[Signature]	
19	Rajendra	Manager	[Signature]	
20	Rajendra	Manager	[Signature]	

Patel Infrastructure Ltd. Logo

PROJECT Name: *Valmiki Park Swimming Pool* PROJECT NO: *1000000000*

DATE: *04/10/2019*

SAFETY (INCIDENT/INJURY) REG. TALK

Sl. No.	NAME	DESIGNATION	Signature	Remarks
1	[Name]	[Designation]	[Signature]	
2	[Name]	[Designation]	[Signature]	
3	[Name]	[Designation]	[Signature]	
4	[Name]	[Designation]	[Signature]	
5	[Name]	[Designation]	[Signature]	
6	[Name]	[Designation]	[Signature]	
7	[Name]	[Designation]	[Signature]	
8	[Name]	[Designation]	[Signature]	
9	[Name]	[Designation]	[Signature]	
10	[Name]	[Designation]	[Signature]	
11	[Name]	[Designation]	[Signature]	
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13	[Name]	[Designation]	[Signature]	
14	[Name]	[Designation]	[Signature]	
15	[Name]	[Designation]	[Signature]	
16	[Name]	[Designation]	[Signature]	
17	[Name]	[Designation]	[Signature]	
18	[Name]	[Designation]	[Signature]	
19	[Name]	[Designation]	[Signature]	
20	[Name]	[Designation]	[Signature]	

DIVERSION AND ADVANCE WARNING SIGNAL/BOARDS





PPE USING BY WORKERS



VSWAKARMA PUJA CELEBRATION AT PLANT?BASE CAMP



SAFETY METING WITH OPERATING AND EXECUTION STAFF





Annexure 10 Monthly monitoring of ongoing works for CGM(Tech.)			
Sr. No.	Monthly Monitoring Points	Status	Remarks
1	Monitoring of approved construction programme viz-a-viz the actual progress.	PVKEPL Submitted Work program as per approved Schedule G vide Letter No PVKEPL/HO/VKP3/IE/114/2019 Dt.19.06.2016, which is reviewed and forwarded by IE vide Letter no 686 Dt 31.07.2019	
2	Monitoring of the deployed resources (man, Machinery, material) viz-a-viz required for completion of work as per the original/extended period.	We have submitted machinery deployment schedule along with above work programe,vide Letter No PVKEPL/HO/VKP3/IE/114/2019 Dt.19.06.2016, which is reviewed and forwarded by IE vide Letter no 686 Dt 31.07.2019	
3	Intimation of authority's losses like toll loss, accidents loss, contractual damages etc. in case the delays, from original programme is due to default of the agency, alongwith quantifications of losses.	No losses to Authority as on date.	
4	Review of the woks included in the schedules based on the ground conditions over the land handed over to the agency for the earliest issue of COS notice/approval.	No COS as on date	
5	Requirement/ quantifications of the work as per the design/drawings of the agency on the sections / stretches not handed over by the authority.	Only 1.075 Km is remains to be handed over	
6	Review and recommendations of the claim of the agency (direct/indirect, losses/ damages as per contract and actual in reimbursable basis) intimated by the agency to the authority for its default till date.	No Claim as on date	
7	Status of any hindrance, obstructing any scope of work included under Schedules.	Hindered work front is 5.515 Km,comprising of 1.075 km Land acquisition and 4.444 km affected due to utility shifting.	