

PVKEPL/HO/VKP3/IE/230/2021

Date: - 07.09.2021

To,  
Team Leader  
M/s.Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.,  
House No.2, Auroville,  
Opp. C.M Patel Farm,  
Behind DPS School, Kalali,  
Vadodara-390012, Gujarat.

Project:- 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)

Subject: Submission of Monthly Progress Report for the Month of August'21-Reg.

Dear Sir,

With reference to above subject matter and in accordance with provision provided under clause 13.1 of the concession Agreement, we are herewith submitting the Monthly Progress Report for the Month of August'2021 for the aforesaid project work.

This is for your information and record please.

Thanking you,

Yours Faithfully,

For, Patel Vadodara-kim Expressway Pvt. Limited



Pankaj Sachan  
General Manager (Tech.)  
Authorized Signatory  
Enc.:- As above.

Copy to: GM (Tech) & Project Director, National Highway Authority of India, PIU Godhra  
13,Haidry Society,Civil Lines Road,Godhra-38900

Encl.: As Above.

## Patel Vadodara-Kim Expressway Private Limited

### Regd. Office

"PATEL HOUSE", Beside Prakruti Resort, Chhani Road, Chhani, NH 8, Vadodara - 390 024, Gujarat, India

Ph.: +91 265 277 6678, 277 7778 | Fax: +91 265 277 7878 | Email: ho@patelinfra.com | Website: www.patelinfra.com

CIN : U45309GJ2018PTC101801



## **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 29 FOR THE MONTH OF AUGUST-2021**



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

## **Table of Contents**

### Contents

1.0 EXECUTIVE SUMMARY.....	1
1.1 Construction progress in current month.....	1
1.2 Project Synopsis.....	2
1.3 Strip Plan (Summary).....	3
Project Location Map.....	5
2.0 Project Overview.....	6
2.1 Salient Features of Project.....	6
2.2 Project Overview.....	7
2.3 Project Milestones.....	9
2.4 Critical Issues & Action Log.....	9
3.0 Physical Progress.....	9
3.0 A) Details as per Schedule-B- Highway.....	10
3.0 B) Progress Details as per Schedule-B-Structures.....	11
3.1 Detailed Scope of Work & Physical Progress by Component.....	19
4.0 Land Acquisition and Clearance.....	37
4.1 LA Summary:	
A)Length Wise:.....	37
B)Area Wise:.....	39
4.2 Clearances Summary: -.....	40
A) Status of Permissions & Approvals:-.....	40
4.3 Status of utility shifting: -.....	42
A) Utility shifting/ Tree Cutting Progress Status.-Length.....	44
B) Utility shifting/ Tree Cutting Progress Status-Nos.....	45
5.0 Change of Scope.....	46
6.0 Mobilization of Resources.....	47
7.0 Financial Progress Details.....	48
7.1 Pen Picture - Escrow.....	48
7.2 Escrow detail.....	48
8.0 QA/QC Report.....	49
8.1 Test conducted on site.....	49

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8.2 Weather report.....	61
9.0 Safety Features.....	62
9. 1 Pen picture of safety features.....	62
9.2 Accident report.....	62
10.0 Review status of drawings/design reports.....	63
10.1 Structure drawing status.....	63
10.2 Highway drawing status.....	68
10.3 Review status of source approvals.....	71
11.0 NCR Status.....	81
Annexure-01 RFI summary.....	
Annexure-02 Organization Chart.....	
Annexure-03 S-Curve.....	
Annexure-04 Hind. Strip Chart.....	
Annexure-05 Highway Strip Chart.....	
Annexure-06 Structure Strip chart.....	
Annexure-07 LAB Equipment Calibration Status.....	
Annexure-08 Project photographs.....	
Annexure-09 Site Safety Report.....	
Annexure 10- Monthly Environment Report.....	
Annexure-11 Monthly monitoring of ongoing works.....	

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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 August 2021. The Embankment work of the main carriageway is started and 29.275 Km of work is in progress and Embankment top in 28.225 Km, Sub grade top 25.855 Km, Granular Sub base in 25.456 km, Dry Lean Concrete in 25.431 Km and Pavement Quality Concrete completed in 23.711 km. The overall Physical progress as on 31<sup>st</sup> August 2021 is assessed to be approximately 83.07%. The financial progress achieved as on 31<sup>st</sup> July 2021 is assessed to be 79.56%.

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 (%)	100.00 %
Cumulative Physical Progress up to current month (%)	83.07 %
Physical Progress Achieved during current month (%)	0.79 %
Financial progress (%)	79.56%
Cumulative Expenditure till date (Rs Cr)	1362.11 Cr.
Number of pending COS proposals( 2 No of Box Culverts, 3 HP Culverts and Negative COS for 2 Minor Bridges)	4 nos.
Amount for pending COS (Rs Cr)	-3.89 Cr.

## 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	321+600	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	
		<b>Total</b>	<b>31</b>	<b>Km</b>	

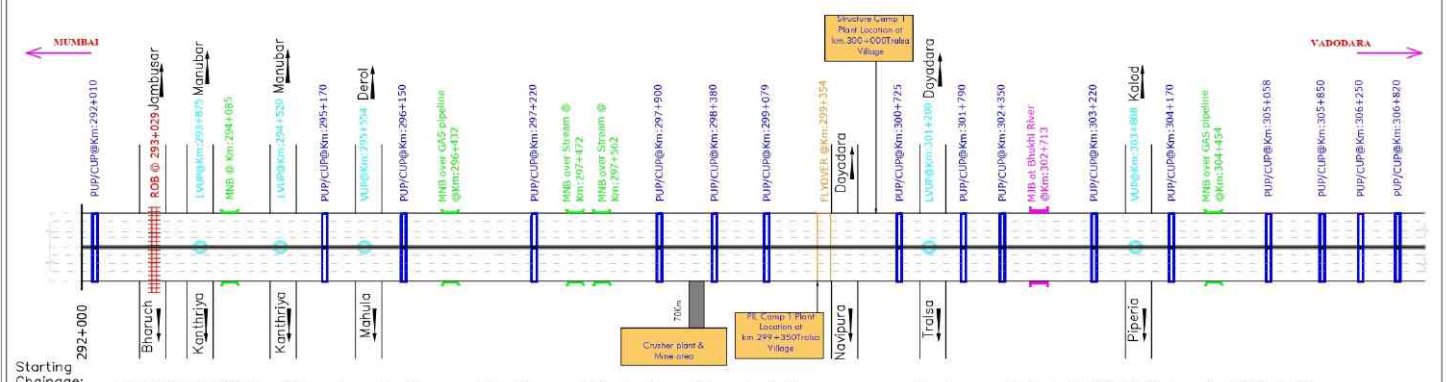
### 1.3 Strip Plan (Summary)

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
				Completed	In Progress				
Total Length	31.00	100%	Total Length	29.37		100%	Total Length	1.495	100%
Pending Land Acquisition(A)	0.205	0.661%	Total Length Completed (Till PQC)	23.711		80.72%	Total Length Completed (Till DBM)	-	-
Pending Clearances Encumbrances(Utilities like electrical, water ,tree cutting)(B)	0.000	0.00%		DLC	25.431		86.58%	BC	-
Total Work front Unavailable (C=A+B)	0.205	0.661%	GSB	25.456	0.399	86.67%	WMM	-	-
			Sub-Grade	25.855	2.370	88.03%	GSB	0.98	65.55%
			Embankment Top	28.225	1.050	96.10%	Sub-Grade	0.98	65.55%
			C&G	29.275		99.67%	C&G	0.98	65.55%

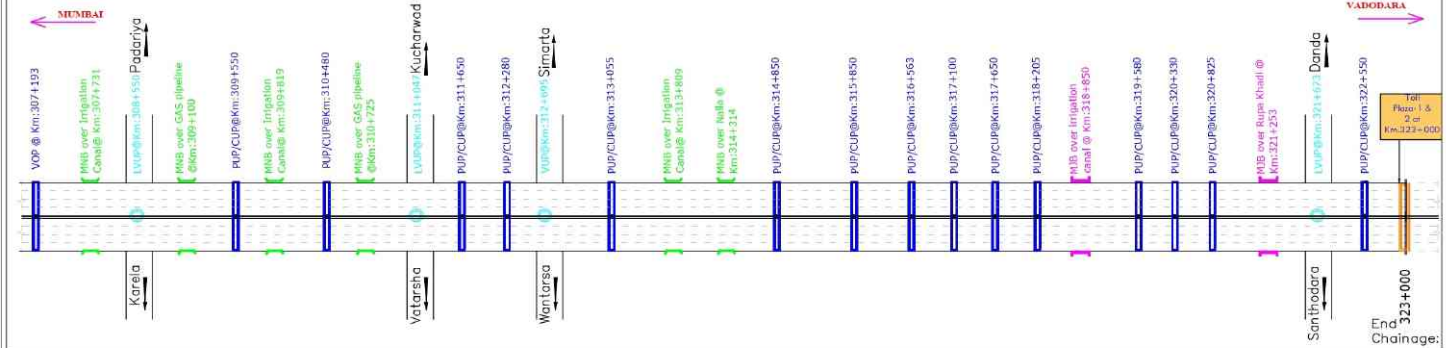
**Land Acquisition - 0.205 Km (for Ramp 1-0.450 Km & Ramp 4-0.553 Km)**

**Total Hindered Length 0.205 Km .**

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	31.026	9.	Flyover	Nos.	01	10.	Major Interchange	Nos.	01
2.	Length of Constructed Road	Km	1.494	10.	Minor Bridge (over stream)	Nos.	07	11.	Toll Plaza	Nos.	02
3.	Length of Cross Road at VOP	Km	0.370	11.	MNB over GAS Pipeline	Nos.	04				
4.	Columns	Nos.	03	12.	Major Bridge	Nos.	03				
5.	Box Culvert for Lane & Drainage	Nos.	01	13.	Underpass	Nos.	01				
6.	Box Culvert for Interchange	Nos.	01	14.	ROB	Nos.	01				

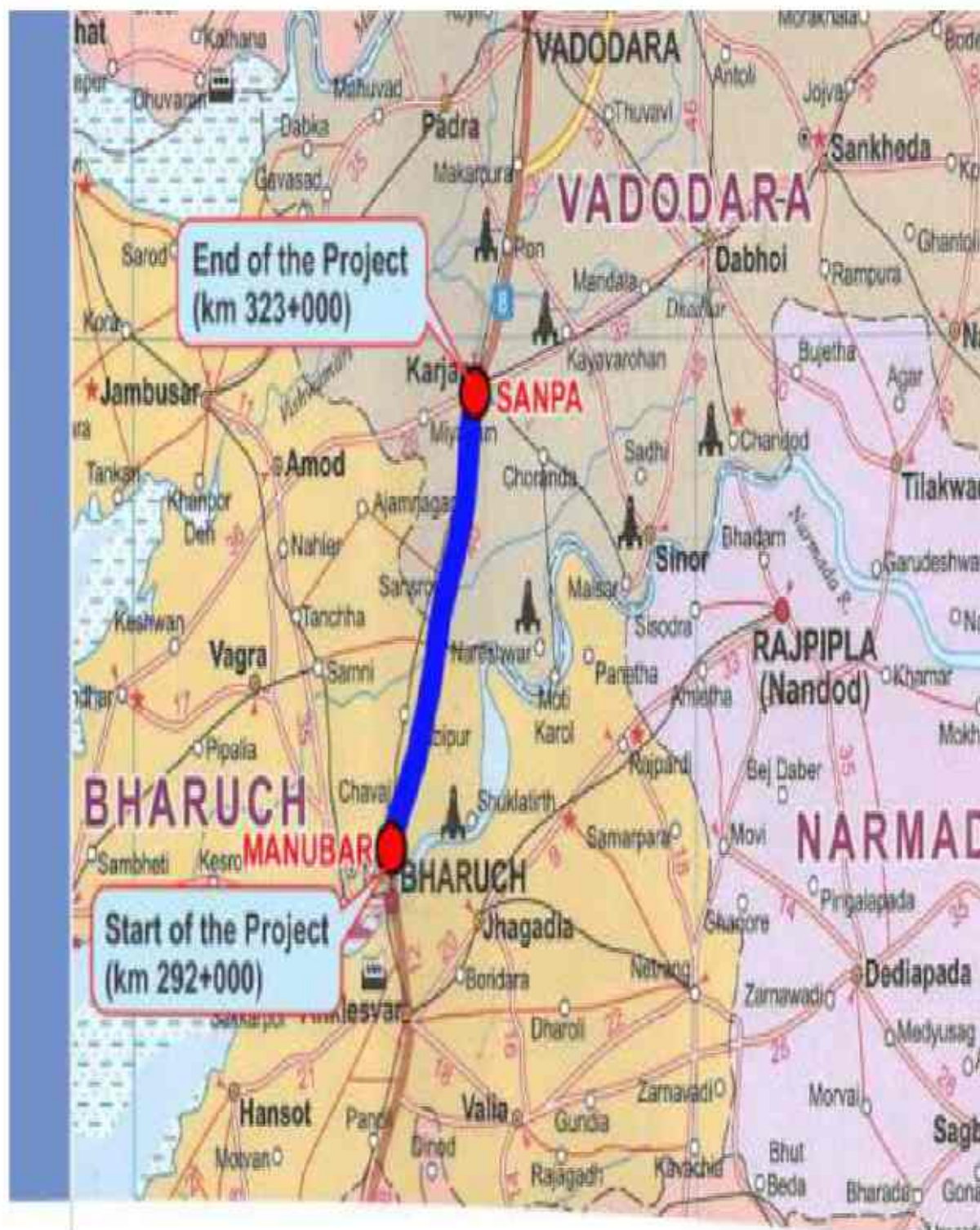
Drawing Title

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

Date:	Project No.:
14-02-2019	



Figure1 Location MAP



## 2.0 Project Overview

### 2.1 Salient Features of Project

Sr. No.	Component	Remarks
1	<b>Project</b>	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	<b>Name of the Employer</b>	National Highways Authority of India
3	<b>Name of Concessionaire</b>	Patel Vadodara Kim Expressway Pvt. Ltd.
4	<b>Name of EPC Contractor</b>	Patel Infrastructure Ltd.
5	<b>Independent Engineer</b>	Aarvee Associates Architects Engineers & Consultants Pvt. Ltd
6	<b>Design Consultant</b>	SPECIALIZED ENGINEERING SERVICES PVT. LTD
7	<b>Project Length (In Km)</b>	31.00 Km
8	<b>Date of Concession Agreement</b>	11th May, 2018
9	<b>Appointed Date</b>	08th March 2019
10	<b>Scheduled Date of Completion</b>	29th November 2021 (As per 268 Days EOT Recommended by IE)
11	<b>Total Project Bid Cost as per CA</b>	1712.00 Cr.
12	<b>Project Cost (60 % of Bid Cost as per article 42)</b>	1027.20 Cr.
13	<b>Construction Period</b>	2 Years (730 days)
14	<b>Maintenance Period</b>	15 Years
15	<b>Total Concession Period</b>	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 land. 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 <sup>Th</sup> DAY	20%	04/08/2019	342.4
2	Milestone – 2	330 <sup>Th</sup> DAY	35%	31/01/2020	599.2
3	Milestone – 3	480 <sup>Th</sup> DAY	75%	29/06/2020	1284.0
4	Milestone – 4	730 <sup>Th</sup> DAY	100%	06/03/2021	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 37					
2	Utility Shifting		Ongoing	Details as per 4.3 Status of utility shifting: Page no 42					

## 3.0 Physical Progress

Component	% Weightage	Physical Progress (Cumulative Up to Current Month)
Road Work	69.024%	61.38 %
Major Bridge Works	17.368 %	15.72 %
Structures	0.84 %	0.48 %
Others	12.768 %	5.49 %
<b>Total Physical Progress</b>		<b>83.07 %</b>

### 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
1	292+000	292+600	BHS	600.00	TCS 1
2	292+600	292+790	BHS	190.00	TCS 4
3	292+790	293+310	BHS	520.00	ROB/ Structure
4	293+310	293+500	BHS	190.00	TCS 4
5	293+500	294+270	BHS	770.00	TCS 1
6	294+270	294+520	BHS	250.00	TCS 2
7	294+520	299+100	BHS	4580.00	TCS 1
8	299+100	299+350	BHS	250.00	TCS 4 / Structure
9	299+350	299+750	BHS	400.00	TCS 6/ Structure
10	299+750	299+770	BHS	20.00	TCS 5
11	299+770	306+250	BHS	6480.00	TCS 1
12	306+250	306+380	BHS	130.00	TCS 2
13	306+380	308+275	BHS	1895.00	TCS 1
14	308+275	308+550	BHS	275.00	TCS 2
15	308+550	311+550	BHS	3000.00	TCS 1
16	311+550	311+750	BHS	200.00	TCS 2
17	311+750	314+350	BHS	2600.00	TCS 1
18	314+350	314+510	BHS	160.00	TCS 3
19	314+510	318+900	BHS	4390.00	TCS 1
20	318+900	318+980	BHS	80.00	TCS 2
21	318+980	322+450	BHS	3470.00	TCS 1
22	322+450	323+000	BHS	550.00	TCS 5
	Total			31000	

#### 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
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	9	5	4	2
4	Flyover	1	1	0	1	0
5	Vehicular Underpass	3	3	3	0	0
6	Light Vehicular Underpass	7	7	7	0	0
7	Cattle Underpass	30	30	30	0	0
8	Vehicular Overpass	1	1	0	1	0
9	Box Culverts	27	23	23	0	4
10	Pipe Culverts	35	35	35	0	0

All Structure works as per CA - Scope vs Progress

Structure Type	Location	Span Arrangement	Pile Group		Pile Cap/ Raft		Pier. Shaft/ Abutment /Wall		Pier/Abt. cap		RCC Girder		PSC Girder		Slab	
			Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp
ROB	293+050	(17 spans) 6x30+ 1x24.750+ 1x38+1x44+ 1x33.75+5x33	36	36	36	36	36	31	36	31	14	14	182	182	34	8
MJB	302+732	37.847+38.04 5+37.847	8	8	8	8	8	8	8	8			42	42	6	3
MJB	318+875	2x32.2+1x15.8 5	4	4	8	8	8	8	8	8	14	14	28	28	6	6
MJB	321+280	2x37.658	6	6	6	6	6	6	6	6			28	28	4	4
FLYOVER	299+375	16.859+33.20 1+16.859	8	8	8	8	8	8	8	8	28	28	14	14	6	3
VUP	295+575	1x12	-	-	1	1	2	2	-	-	-	-			1	1
VUP	303+830	1x12	-	-	1	1	2	2	-	-	-	-			1	1
VUP	312+720	1x12	-	-	1	1	2	2	-	-	-	-			1	1
VOP	307+193	1x2	3	3	3	3	3	3	3	3	-	-	8	8	2	
MNB	294+105	1x12.880	-	-	2	2	4	4	-	-	-	-	-	-	2	2
MNB	296+450	1X27.846	De-Scoped													



Structure Type	Location	Span Arrangement	Pile Group		Pile Cap/ Raft		Pier, Shaft/ Abutment /Wall		Pier/Abt. cap		RCC Girder		PSC Girder		Slab	
			Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp
MNB	297+472	1x17.688	-	-	4	4	4	4	4	3	14	14	-		2	1
MNB	297+580	1x37.341	4	4	4	4	4	4	4	4	-		14	14	2	2
MNB	304+450	1x22.687	De- scoped													
MNB	307+754	1x36.54	4	4	4	4	4	4	4	4			14	14	2	2
MNB	309+090	1x45.200	4	2	4	4	4	4	4	4	-		28	28	2	
MNB	309+873	1x23.688	-	-	4	4	4	4	4	4	14	14	-		2	
MNB	310+752	1x21.35	-	-	4	4	4	4	4	4	-				2	1
MNB	313+835	1x24.347	-	-	4	4	4	4	4	4	14	14			2	2
MNB	314+340	1x19.103	-	-	4	4	4	4	-				-		2	2

**Status of LVUP & PUP**

Sr.No.	Type of Structure	Chainage	Span	Side	Status
1	LVUP	293+895	1x10.5	BHS	BHS Slab completed
2	LVUP	294+550	1x10.5	BHS	BHS Slab completed
3	LVUP	301+240	1x10.5	BHS	BHS Slab completed
4	LVUP	308+550	1x10.5	BHS	BHS Slab completed
5	LVUP	311+047	1x10.5	BHS	BHS Slab Completed
6	LVUP	316+563	1x10.5	BHS	BHS Slab Completed
7	LVUP	321+700	1x10.5	BHS	BHS Slab Completed
1	PUP	292+400	1x7.0	BHS	BHS Slab Completed
2	PUP	295+151	1x7.0	BHS	BHS Slab Completed.
3	PUP	295+990	1x7.0	BHS	BHS Slab Completed.
4	PUP	297+220	1x7.0	BHS	BHS Slab Completed.
5	PUP	297+900	1x7.0	BHS	BHS Slab Completed
6	PUP	298+380	1x7.0	BHS	BHS Slab Completed
7	PUP	299+100	1x7.0	BHS	BHS Slab Completed
8	PUP	300+725	1x7.0	BHS	BHS Slab Completed
9	PUP	301+790	1x7.0	BHS	BHS Slab Completed
10	PUP	302+055	1x7.0	BHS	BHS Slab Completed
11	PUP	303+220	1x7.0	BHS	BHS Slab Completed
12	PUP	304+170	1x7.0	BHS	BHS Slab Completed
13	PUP	305+058	1x7.0	BHS	BHS Slab Completed
14	PUP	305+850	1x7.0	BHS	BHS Slab Completed
15	PUP	306+060	1x7.0	BHS	BHS Slab Completed
16	PUP	306+820	1x7.0	BHS	BHS Slab Completed
17	PUP	309+550	1x7.0	BHS	BHS Slab Completed.

Sr.No.	Type of Structure	Chainage	Span	Side	Status
18	PUP	310+480	1x7.0	BHS	BHS Slab Completed
19	PUP	311+650	1x7.0	BHS	BHS Slab Completed.
20	PUP	312+280	1x7.0	BHS	BHS Slab Completed.
21	PUP	313+095	1x7.0	BHS	BHS Slab Completed.
22	PUP	314+850	1x7.0	BHS	BHS Slab Completed.
23	PUP	315+870	1x7.0	BHS	BHS Slab Completed
24	PUP	316+960	1x7.0	BHS	BHS Slab Completed.
25	PUP	317+650	1x7.0	BHS	BHS Slab Completed.
26	PUP	318+245	1x7.0	BHS	BHS Slab Completed
27	PUP	319+650	1x7.0	BHS	BHS Slab Completed
28	PUP	320+330	1x7.0	BHS	BHS Slab Completed
29	PUP	320+825	1x7.0	BHS	BHS Slab Completed
30	PUP	322+550	1x7.0	BHS	BHS Slab Completed

**Status of Box Culverts**

Type of Culvert	Design Chainage Asper CA	No of Vent	Span	Height	Status
BC	292+450	1	2.00	2.0	BHS Slab Completed
BC	294+730	2	4.00	4.0	BHS Slab Completed
BC	294+985	1	2.00	2.00	BHS Slab Completed
BC	295+585	1	2.00	2.00	BHS Slab Completed
BC	299+856	1	3.00	3.00	BHS Slab Completed
BC	300+148	1	3.00	3.00	BHS Slab Completed
BC	301+347	1	2.00	2.00	BHS Slab Completed
BC	303+403	1	3.00	3.00	BHS Slab Completed
BC	305+437	1	2.00	2.00	BHS Slab Completed
BC	0+482 (VOP Approach)	1	2.00	2.0	BHS Slab Completed

Type of Culvert	Design Chainage As per CA	No of Vent	Span	Height	Status
BC	0+716 (VOP Approach)	1	2.00	2.0	BHS Slab Completed
BC	307+709	1	2.00	2.00	BHS Slab Completed
BC	307+789	1	2.00	2.00	BHS Slab Completed
BC	309+819	1	3.00	3.00	BHS Slab Completed
BC	309+858	1	3.00	3.00	BHS Slab Completed
BC	309+892	1	3.00	3.00	BHS Slab Completed
BC	314+148	1	3.00	3.00	BHS Slab Completed
BC	315+247	1	5.00	3.00	BHS Slab Completed
BC	316+427	1	2.00	2.00	BHS Slab Completed
BC	316+582	1	2.00	2.00	BHS Slab Completed
BC	317+485	1	3.00	3.00	BHS Slab Completed
BC	318+586	1	2.00	2.00	BHS Slab Completed
BC (Precast)	322+750	1	2.00	2.0	Precast Box Erected
BC (Precast)	0+450 (Loops & Ramp @Ch.323)	1	2.00	2.0	Precasting Work in Progress
BC (Precast)	0+708 (Loops & Ramp @Ch.323)	1	2.00	2.0	
BC (Precast)	0+755 (Loops & Ramp @Ch.323)	1	2.00	2.0	
BC (Precast)	1+073 (Loops & Ramp @Ch.323)	1	2.00	2.0	



### Status of Hume Pipe Culverts

Type of Culvert	Design Chainage	Status
HPC	293+620	BHS Pipe Laying Done
HPC	294+420	BHS Pipe Laying 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	BHS Pipe Laying Done
HPC	301+520	BHS Pipe Laying Done
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	BHS Pipe Laying Done
HPC	307+969	BHS Pipe Laying Done
HPC	308+320	BHS Pipe Laying 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	BHS Pipe Laying Done
HPC	314+669	BHS Pipe Laying Done

**Status of Hume Pipe Culverts**

Type of Culvert	Design Chainage	Status
HPC	315+719	BHS Pipe Laying Done
HPC	316+069	BHS Pipe Laying Done
HPC	316+513	BHS Pipe Laying Done
HPC	316+819	BHS Pipe Laying Done
HPC	317+470	BHS Pipe Laying Done
HPC	319+268	BHS Pipe Laying Done
HPC	319+969	BHS Pipe Laying Done
HPC	320+719	BHS Pipe Laying Done
HPC	322+294	BHS Pipe Laying Done

### 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)	<b>A- Widening and strengthening of Existing road</b>			Not in Scope			
	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>B- New realignment/bypass</b>						
	(1) Earthwork up to top of the sub-grade	KM	29.371	19.42%	25.855	18.97%	
	(2) Granular work (sub-base, base, shoulders)						
	(a) GSB	KM	29.371	3.46%	25.456	3.00%	
	(3) Shoulders	KM	29.371	0.97%	14.437	0.59%	
	(4) Bituminous work						
	(5) Rigid Pavement						
	(a) DLC	KM	29.371	4.640%	25.431	4.02%	
	(b) PQC	KM	29.371	22.972%	23.771	18.59%	
	<b>C- New culverts, minor bridges, underpasses, overpasses on existing road, realignments, bypasses:</b>						
(1) Culverts (Pipe & Box)	No.	62	2.32%	58	2.09%		
(2) Minor bridges							
(a) Foundation	No.	42	2.38%	34	2.13%		

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.	44	1.16%	36	0.95%	
	(c) Super- Structure (including crash barrier etc. complete)	No.	22	1.94%	11	1.40%	
	<b>(3) Cattle/Pedestrian underpasses</b>						
	(a) Foundation	No.	30	2.98%	30	2.98%	
	(b) Sub-Structure	No.	60	1.30%	60	1.30%	
	(c) Super- Structure (including crash barrier etc. complete)	No.	30	1.38%	30	1.38%	
	<b>(4) Pedestrian overpasses</b>			Not in Scope			
	(a) Foundation	No.	0	-			
	(b) Sub-Structure	No.	0	-			
	(c) Super- Structure (including crash barrier etc. complete)	No.	0	-			
	<b>(5) Grade separated structures</b>						
	<b>(a) Underpasses (VUP &amp; LVUP)</b>						
	(a) Foundation	No.	10	0.77%	10	0.77%	
	(b) Sub-Structure	No.	20	0.46%	20	0.46%	
	(c) Super- Structure (including crash barrier etc. complete)	No.	10	0.52%	10	0.52%	
	<b>(b) Overpass (VOP)</b>						
	(a) Foundation	No.	3	0.12%	3	0.12%	
	(b) Sub-Structure	No.	3	0.02%	3	0.02%	
	(c) Super- Structure (including crash barrier etc. complete)	No.	2	0.12%		0.11%	
	<b>(c) Flyover</b>						
	(a) Foundation	No.	8	1.11%	8	1.11%	
	(b) Sub-Structure	No.	8	0.46%	8	0.46%	
	(c) Super- Structure (including crash barrier etc. complete)	No.	6	0.51%	3	0.41%	
	<b>(d) Foot Over Bridge</b>			Not in Scope			
<b>Major Bridge works and ROB/RUB</b>	<b>A - Widening and repairs of Major Bridges</b>			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>B - Widening and repairs of</b>						
	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	-			
	<b>C- New Major Bridges</b>						
	(a) Foundation	No.					
	(a) Open Foundation	No.	0	-			
	(b) Pile Foundation/ Well Foundation	No.	22	5.16%	22	5.16%	
	(b) Sub-Structure	No.	22	0.59%	22	0.59%	
	(c) Super- Structure (including crash barrier etc. complete)	No.	16	1.39%	13	1.30%	
	<b>D- New rail-road bridges</b>						
	(a) ROB						
	(a) Foundation	No.	36	6.77%	36	6.77%	
	(b) Sub-Structure	No.	36	1.05%	30	0.89%	
	(c) Super- Structure (including crash barrier etc. complete)	No.	34	2.42%	8	1.01%	
	(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)						
<b>Structures (elevated sections, reinforced earth, Interchange)</b>	<b>Interchange</b>			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	0.84%	18184	0.48%	
<b>Other works</b>	<b>(i) Service roads/ Slip Roads / Connecting Road</b>	KM	2.425	0.66%		0.08%	
	<b>(ii) Toll Plaza</b>	No.	2	0.63%			
	<b>(iii) Road side drains</b>	KM	29.371	1.38%	9.805	0.46%	
	<b>(iv) Road signs, markings, km stones, safety devices, ....</b>						
<b>Other works</b>	(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	0.81%	4.5	0.162%	
	(b) Concrete Crash Barrier / W- Beam Crash Barrier / Thrie Beam Steel Barriers in road works	KM	29.371	1.16%	3.5	0.14%	
	<b>(v) Project facilities</b>						
	(a) Bus Bays	No.	0	-			
	(b) Truck Lay-byes	No.	2	1.08%		0.43%	
	(c) Smaller Parking service area	No.	3	0.648%		0.26%	
	(d) Operation & Maintainance Centre	No.	1	0.27%			
	(e) Lighting	KM	31.000	0.044%	3.5	0.005%	
	(f) ATMS	KM	31.000	0.456%			
	(g) Noise Barrier	KM	10.500	0.397%			
(h) Rain Water Harvesting Structure	No.	62	0.074%				

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	1.094%	20.17	0.75%	
	(j) Utilities ( future ducts )	No.	62	0.234%	62	0.23%	
Other works	<b>(vi) Repairs to bridges/structures</b>			Not in Scope			
	<b>(vii) Land Scaping and Tree plantation</b>	KM	29.371	0.176%	8.9	0.05%	
	<b>(viii) Protection works</b>						
	(a) Boulder Pitching/Turfing /other protection measures on slopes	KM	29.371	0.29%	14.227	0.14%	
	(b) Toe/Retaining wall	KM	1.890	3.12%	1.628	2.70%	
	<b>(ix) Tunnel</b>			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	-			
	<b>(x) Miscellaneous</b>						
	(a) Overhead Signs	KM	31.000	0.001%			
	(b) Traffic Aid Booth	No.	1	0.017%			
	(c) Medical Aid Booth	No.	1	0.017%			
	(d) Emergency Cross Over	No.	6	0.018%			
(d) Helipad	No.	1	0.017%				
	(e) Wearing Course	KM	31.00	0.173%			
	<b>Total</b>			<b>100.00%</b>		<b>83.07%</b>	

### 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 (31.08.2021)	
					Quantity	Percentage Progress
1	2	3	7	9		
1	Earth Work up to Top of Subgrade					
1.1	Clearing and grubbing of -MCW	Hec	29.37	0.044%	29.275	0.04%
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	0.000%	0	
1.3	Earth work in excavation necessary	Cu.m.	29.37	0.013%	29.15	0.01%
1.4	Construction of embankment - MCW Height up to 1 Mtr	Cu.m.	29.37	5.183%	29.15	5.14%
1.5	Construction of embankment - MCW Height 1 mtr to 2 Mtr	Cu.m.	29.37	4.319%	29.15	4.29%
1.6	Construction of embankment - MCW Height 2 mtr to 3 Mtr	Cu.m.	29.37	3.456%	29.05	3.42%
1.7	Construction of embankment - MCW Height 3 mtr to Emb top Bottom	Cu.m.	29.37	2.592%	29.05	2.56%
1.8	Construction of embankment - MCW Embankment Top	Cu.m.	29.37	1.728%	28.225	1.66%
1.9	Construction of Sub grade - MCW	Cu.m.	29.37	2.086%	25.855	1.84%
2	Grannular Sub Base Courses and Base Courses					
2.1	Constructing Grannular Sub-base	Cu.m.	29.37	3.46%	25.456	3.00%



Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.08.2021)	
					Quantity	Percentage Progress
<b>3</b>	<b>Shoulders</b>					
3.1	Earthwork in filling of median / island area	Cu.m.	29.37	0.245%	21.228	0.18%
3.2	Construction of modified Earthen / un paved shoulders	Cu.m.	29.37	0.036%	4.8575	0.01%
3.3	Providing min 200 mm dia NP4 pipes along the road in 2 Rows in shoulder	LM	29.37	0.691%	17.225	0.41%
<b>4</b>	<b>Rigid Pavement</b>					
4.01	Providing xxx mm thick DLC (M15) for CW	Cum	29.37	4.640%	25.431	4.02%
4.02	Providing xxx mm thick PQC for CW	Cum	29.37	22.972%	23.77	18.59%
<b>5</b>	<b>Pipe Culverts</b>					
5.01	Culvert Excavation	Cum	35.00	0.006%	35	0.01%
5.02	Culvert PCC M15 grade	Cum	35.00	0.114%	35	0.11%
5.03	Providing , laying and jointing NP4 (as per IS:458) Hume pipes for culverts, - Dia 1200 mm (Internal)	LM	35.00	0.232%	35	0.23%
<b>5a</b>	<b>Box Culverts</b>					
5.01a	Culvert Excavation	Cum	27.00	0.022%	25	0.02%
5.02a	Culvert PCC M15 grade	Cum	27.00	0.209%	24.5	0.19%
5.03a	Foundation RCC M 30 - Culvert	Cum	27.00	0.405%	24.5	0.37%
5.04a	HYSB bar in Foundation-Culvert	MT	27.00	0.480%	24.5	0.44%
5.05a	Substructure RCC M 30 - Culvert	Cum	27.00	0.304%	23	0.26%
5.06a	HYSB bar in Substructure-Culvert	MT	27.00	0.267%	23	0.23%
5.07a	Super Structure RCC M 30 -	Cum	27.00	0.153%	23	0.13%

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.08.2021)	
					Quantity	Percentage Progress
	Culvert					
5.08a	HYSD bar in Super Structure-Culvert	MT	27.00	0.127%	23	0.11%
5.09a	Finishing Work (10% cost of overall work)	Nos.	27.00	0.000%		
6A	Bill No: 6A Minor Bridges					
6A,01	Structure excavation Ordinary and soft Soils - MNBR	Cum	42.00	0.056%	34	0.04%
6A,02	MNBR - PCC M15 grade	Cum	42.00	0.124%	34	0.10%
6A,03	MNBR - RCC M35 - Foundation	Cum	34.00	0.887%	26	0.68%
6A,04	HYSD bar reinforcement - Foundation	Mt	34.00	1.034%	34	1.03%
6A,05	MNBR - RCC M35 Pile Cap	Cum	8.00	0.090%	8	0.09%
6A,06	MNBR - RCC M35 1.2m dia piles	Rm	8.00	0.186%	8	0.19%
6A,07	MNBR - RCC M35- Substructure Abutment	Cum	44.00	0.447%	36	0.37%
6A,08	HYSD bar reinforcement - substructure Abutment	Mt	44.00	0.445%	36	0.36%
6A,09	MNBR - RCC M35 - Abutment Cap	Cum	44.00	0.128%	36	0.10%
6A,10	HYSD bar reinforcement - Abutment cap	Mt	44.00	0.144%	36	0.12%
6A,11	RCC M35 - RCC Girder	Cum	10.00	0.118%	10	0.12%
6A,12	PSC M45 - PSC Girder	Cum	8.00	0.239%	6	0.18%
6A,13	HYSD bar reinforcement - Super structure Girder	Mt	18.00	0.586%	16	0.52%
6A,14	HT Steel for PSC Girder	Mt	8.00	0.323%	6	0.24%

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.08.2021)	
					Quantity	Percentage Progress
6A,15	RCC M35 - SLAB	Cum	22.00	0.278%	11	0.14%
6A,16	HYSD bar reinforcement - SLAB	Mt	22.00	0.398%	11	0.20%
6B	Bill No. 6B : PUP					
6B,01	Structure excavation Ordinary and soft Soils - PUP	Cum	30.00	0.025%	30	0.03%
6B,02	PUP - PCC M15 grade Levelling course	Cum	30.00	0.184%	30	0.18%
6B,03	PUP - RCC M35 Raft	Cum	30.00	1.216%	30	1.22%
6B,04	HYSD bar reinforcement - RAFT	Mt	30.00	1.560%	30	1.56%
6B,05	PUP RCC M35 Wall	Cum	60.00	0.677%	60	0.68%
6B,06	HYSD bar reinforcement - Wall	Mt	60.00	0.623%	60	0.62%
6B,07	PUP - RCC M35 - TOP Slab	Cum	30.00	0.674%	30	0.67%
6B,08	HYSD bar reinforcement - TOP Slab	Mt	30.00	0.706%	30	0.71%
6B,09	Finishing Work (10% cost of overall work)	Nos	30.00	0.000%		
6C	Bill No. 6C : VUP					
6C,01	Structure excavation Ordinary and soft Soils - VUP	Cum	3.00	0.003%	3	0.00%
6C,02	VUP - PCC M15 grade - Levelling course	Cum	3.00	0.013%	3	0.01%
6C,03	VUP - RCC M35 - Raft	Cum	3.00	0.096%	3	0.10%
6C,04	HYSD bar reinforcement - Raft	Mt	3.00	0.123%	3	0.12%
6C,05	VUP - RCC M35 - WALL	Cum	6.00	0.086%	6	0.09%
6C,06	HYSD bar reinforcement - WALL	Mt	6.00	0.079%	6	0.08%
6C,07	RCC M35 - TOP SLAB	Cum	3.00	0.096%	3	0.10%

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.08.2021)	
					Quantity	Percentage Progress
6C,08	HYSD bar reinforcement - TOP Slab	Mt	3.00	0.082%	3	0.08%
6D	Bill No. 6D : LVUP					
6D,01	Structure excavation Ordinary and soft Soils - LVUP	Cum	7.00	0.005%	7	0.01%
6D,02	LVUP - PCC M15 grade levelling course	Cum	7.00	0.033%	7	0.03%
6D,03	LVUP - RCC M35 Raft	Cum	7.00	0.220%	7	0.22%
6D,04	HYSD bar reinforcement - Raft	Mt	7.00	0.282%	7	0.28%
6D,05	LVUP - RCC M35 - Wall	Cum	14.00	0.155%	14	0.16%
6D,06	HYSD bar reinforcement - WALL	Mt	14.00	0.143%	14	0.14%
6D,07	LVUP - RCC M35 - Top Slab	Cum	7.00	0.187%	7	0.19%
6D,08	HYSD bar reinforcement - TOP Slab	Mt	7.00	0.159%	7	0.16%
6E	Bill No. 6E : VOP					
6E,01	Structure Excavation for foundation of VOP	Cum	3.00	0.000%	3	0.00%
6E,02	Foundation PCC M15 grade for levelling course	Cum	3.00	0.001%	3	0.00%
6E,04	HYSD bar reinforcement - Foundation	Mt	3.00	0.054%	3	0.05%
6E,05	RCC M35 Pile Cap	Cum	3.00	0.012%	3	0.01%
6E,06	RCC M35 1.2m dia piles	Rm	3.00	0.049%	3	0.05%
6E,07	RCC M35 - ABUTMENT/Return Wall	Cum	2.00	0.002%	2	0.002%
6E,08	HYSD bar reinforcement - ABUTMENT/Return Wall	Mt	2.00	0.002%	2	0.002%
6E,09	RCC M35 - ABUTMENT CAP	Cum	2.00	0.002%	2	0.002%



Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.08.2021)	
					Quantity	Percentage Progress
6E,10	HYSD bar reinforcement - ABUTMENT CAP	Mt	2.00	0.004%	2	0.004%
6E,11	RCC M35 - PIER	Cum	1.00	0.001%	1	0.001%
6E,12	HYSD bar reinforcement - PIER	Mt	1.00	0.001%	1	0.001%
6E,13	RCC M35 - PIER CAP	Cum	1.00	0.001%	1	0.00%
6E,14	HYSD bar reinforcement -PIER CAP	Mt	1.00	0.002%	1	0.00%
6E,15	HYSD bar reinforcement - Super structure Girder	Mt	2.00	0.050%	2	0.05%
6E,16	HT Steel for PSC - Girder	Mt	2.00	0.033%	2	0.03%
6E,17	PSC M45 - Box Girder/PSC Girder	Cum	2.00	0.025%	2	0.02%
6E,18	M-35 for SLAB super structure	Cum	2.00	0.015%	0	0.00%
6F	Bill No: 6F Flyover					
6F,01	Structure excavation Ordinary and soft Soils - Flyover	Cum	8.00	0.003%	8	0.00%
6F,02	Flyover - PCC M15 grade - levelling course under fdn.	Cum	8.00	0.005%	8	0.01%
6F,03	HYSD bar reinforcement - Foundation	Mt	8.00	0.575%	8	0.58%
6F,04	RCC M35 Pile Cap	Cum	8.00	0.114%	8	0.11%
6F,05	RCC M35 1.2m dia piles	Rm	8.00	0.414%	8	0.41%
6F,06	RCC M35 - ABUTMENT	Cum	4.00	0.047%	4	0.05%
6F,07	HYSD bar reinforcement - ABUTMENT	Mt	4.00	0.058%	4	0.06%
6F,08	RCC M35 - ABUTMENT CAP	Cum	4.00	0.031%	4	0.03%
6F,09	HYSD bar reinforcement - Abutment cap	Mt	4.00	0.053%	4	0.05%

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.08.2021)	
					Quantity	Percentage Progress
6F,10	RCC M35 - Pier Substructure	Cum	4.00	0.037%	4	0.04%
6F,11	HYSD bar reinforcement - Pier Substructure	Mt	4.00	0.057%	4	0.06%
6F,12	RCC M35 - Pier CAP	Cum	4.00	0.065%	4	0.07%
6F,13	HYSD bar reinforcement - Pier CAP	Mt	4.00	0.110%	4	0.11%
6F,14	RCC M35 - RCC Girder	Cum	4.00	0.032%	4	0.03%
6F,15	PSC M45 - Girder	Cum	2.00	0.053%	2	0.05%
6F,16	HYSD bar reinforcement - Girder	Mt	6.00	0.144%	6	0.14%
6F,17	HT Steel for PSC - Girder	Mt	2.00	0.072%	2	0.07%
6F,18	RCC M35 - SLAB	Cum	6.00	0.084%	3	0.04%
6F,19	HYSD bar reinforcement - SLAB	Mt	6.00	0.126%	3	0.06%
6G	Bill No: 6G Major Bridges					
6G,01	Structure excavation Ordinary and soft Soils - MJB	Cum	22.00	0.014%	22	0.01%
6G,02	Major Bridge PCC M15 grade - Levelling course	Cum	22.00	0.026%	22	0.03%
6G,03	HYSD bar reinforcement - Foundation	Mt	22.00	2.746%	22	2.75%
6G,04	RCC M35 Pile Cap	Cum	22.00	0.708%	22	0.71%
6G,05	RCC M35 1.2m dia piles	Rm	22.00	1.661%	22	1.66%
6G,06	RCC M35 - Abutment substructure	Cum	12.00	0.100%	12	0.10%
6G,07	HYSD bar reinforcement - Abutment Substructure	Mt	12.00	0.099%	12	0.10%
6G,08	RCC M35 - ABUTMENT CAP	Cum	12.00	0.032%	12	0.03%
6G,09	HYSD bar reinforcement -	Mt	12.00	0.036%	12	0.04%

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.08.2021)	
					Quantity	Percentage Progress
	ABUTMENT CAP					
6G,10	RCC M35 - Pier Substructure	Cum	10.00	0.037%	10	0.04%
6G,11	HYSD bar reinforcement - Pier Substructure	Mt	10.00	0.056%	10	0.06%
6G,12	RCC M35 - Pier CAP	Cum	10.00	0.089%	10	0.09%
6G,13	HYSD bar reinforcement - Pier CAP	Mt	10.00	0.137%	10	0.14%
6G,14	PSC M45 - Girder	Cum	16.00	0.261%	16	0.26%
6G,15	HYSD bar reinforcement -Girder	Mt	16.00	0.343%	16	0.34%
6G,16	HT Steel for PSC -Girder	Mt	16.00	0.340%	16	0.34%
6G,17	RCC M35 - SLAB	Cum	16.00	0.178%	13	0.14%
6G,18	HYSD bar reinforcement - SLAB	Mt	16.00	0.265%	13	0.22%
6H	Bill No. 6H : ROB					
6H,01	Structural Excavation in ROB foundation	Cum	36.00	0.017%	36	0.02%
6H,02	ROB - Foundation PCC M15 grade Levelling course	Cum	36.00	0.034%	36	0.03%
6H,03	HYSD bar reinforcement - Foundation	Mt	36.00	3.292%	36	3.29%
6H,04	RCC M35 Pile Cap	Cum	36.00	0.715%	36	0.72%
6H,05	RCC M35 1.2m dia piles	Rm	36.00	2.710%	36	2.71%
6H,06	RCC M35 - ABUTMENT/Return Wall	Cum	4.00	0.019%	4	0.02%
6H,07	HYSD bar reinforcement - ABUTMENT/Return Wall	Mt	4.00	0.023%	4	0.02%
6H,08	RCC M35 - ABUTMENT CAP	Cum	4.00	0.012%	4	0.01%
6H,09	HYSD bar reinforcement -	Mt	4.00	0.020%	4	0.02%

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.08.2021)	
					Quantity	Percentage Progress
	ABUTMENT CAP					
6H,10	RCC M35 - PIER	Cum	32.00	0.195%	28	0.17%
6H,11	HYSD bar reinforcement - PIER	Mt	32.00	0.299%	28	0.26%
6H,12	RCC M35 - PIER CAP	Cum	32.00	0.179%	26	0.15%
6H,13	HYSD bar reinforcement - Pier CAP	Mt	32.00	0.301%	26	0.24%
6G,14	PSC M45 - Girder	Cum	30.00	0.246%	28.071	0.23%
6G,15	HYSD bar reinforcement -Girder	Mt	30.00	0.314%	28.071	0.29%
6G,16	HT Steel for PSC -Girder	Mt	30.00	0.332%	28.071	0.31%
6H,14	RCC M35 - SLAB	Cum	30.00	0.260%	8	0.07%
6H,15	HYSD bar reinforcement - SLAB	Mt	30.00	0.382%	8	0.10%
6H,16	Providing and Fixing Steel Girder for Superstructure as per Technical Specification	Mt	4.00	0.889%		
7	Reinforced Earth Wall					
7.01	PCC For RE Wall Foundation	Sqm	26,446.00	0.018%	18184	0.01%
7.02	Providing RCC Facia Panel / Block	Sqm	26,446.00	0.261%	25348	0.25%
7.03	Filter media behind RE walls	Sqm	26,446.00	0.094%	18184	0.06%
7.04	Construction of embankment with Reinforced Earth	Sqm	26,446.00	0.225%	18184	0.15%
7.05	RCC crash barrier with friction slab M 40	Rmt	3,952.02	0.246%		
8	Service roads/ Slip Roads					



Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.08.2021)	
					Quantity	Percentage Progress
8.01	Construction of Subgrade	Cum	2.43	0.050%	0.98	0.02%
8.02	Construction of GSB	Cum	2.43	0.136%	0.98	0.06%
8.03	Constructing Wet Mix Macadam base	Cu.m.	2.43	0.157%		
8.04	Primer coat - Connecting road	Sqm	2.43	0.010%		
8.05	Tack coat -1 - Connecting road	Sqm	2.43	0.004%		
8.07	Dense Bituminous Macadam course- Connecting road	Cu.m.	2.43	0.172%		
8.08	Bituminous Concrete - Connecting Road	Cu.m.	2.43	0.132%		
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	0.087%		
9.03	Construction of Subgrade - Toll Plaza	cum	2.00	0.019%		
9.04	Constructing Grannular Sub-base - Toll Plaza	Cu.m.	2.00	0.031%		
9.05	Providing xxx mm thick DLC (M15) for Toll plaza	cum	2.00	0.052%		
9.06	Providing xxx mm thick PQC for Toll plaza	cum	2.00	0.288%		
9.07	Providing and fixing of Tool booth	Nos.	2.00	0.009%		
9.08	Roof over Toll plaza	Sq.m	2.00	0.050%		
9.09	Operation & Office building at toll plaza	Sq.m	1.00	0.022%		
9.11	Toll plaza sign boards	LS	2.00	0.032%		

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.08.2021)	
					Quantity	Percentage Progress
9.12	Toll Plaza Facilities	LS	2.00	0.043%		
10	DRAINAGE					
10.01	Drain Excavation	Cu.m.	29.37	0.066%	11.282	0.03%
10.02	Drain Lining	cum	29.37	0.479%	11.282	0.18%
10.03	RCC M 20 Grade Dain	Cum	29.37	0.241%	18.674	0.15%
10.04	HYSD bar reinforcement	Mt	29.37	0.117%	18.674	0.07%
10.05	Construction of chute lined drain in shoulder	L.M.	29.37	0.408%	5	0.07%
10.06	Construction of energy dissipation basin and sumps	Nos.	29.37	0.067%	5	0.01%
11	Bill No. 11: Traffic signs, Road markings and other road appurtenance					
11.01a	Providing Kerb M-20 grade	L.M.	29.37	0.116%	22.224	0.088%
11.01b	Painting on Kerbs	Sq.m	29.37	0.014%	5.5	0.00%
11.02a	Supplying & Fixing Sign Boards	KM	31.00	0.402%	3.5	0.05%
11.03a	Pavement marking	Sq.m	31.00	0.278%	6.2	0.06%
b)	W-Beam Crash Barrier in Road work					
11.06b	Providing and erecting " W " metal beam crash barrier	L.M.	29.37	1.160%	3.5	0.14%
12	Wayside Amenities/Rest Area					
12.01	Truck Parking service area	LS	2.00	1.08%	0.8	0.43%
12.02	Smaller Parking service area	LS	3.00	0.65%	1.2	0.26%
12.03	Providing operational and maintenance Center	No.	1.00	0.27%	0	0.00%
12.04	Providing & Placing Noise	Km.	9.30	0.40%	0	0.00%

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.08.2021)	
					Quantity	Percentage Progress
	Barrier					
12.05	Providing lighting including all	Km.	31.00	0.04%	3.5	0.005%
12.06	Providing Advanced Traffic Management Systems (ATMS)	Km.	31.00	0.46%	0	0.00%
12.07	Providing min 600 mm dia NP4 pipes across the road for utility work	No.	50.00	0.23%	62	0.23%
12.08	Providing Rain Water Harvesting arrangement as shown in drawing with all materials etc., with all lifts and leads complete as directed by the engineer	No.	62.00	0.07%		
II	Fencing Work					
A	Providing Chain Link Fencing in ROW	Km.	29.37	1.09%	20.17	0.75%
13	Road Side Plantation					
	Land Scaping and Tree plantation	LS	29.37	0.176%	8.9	0.05%
14	PROTECTION WORKS					
I	Boulder pitching on slopes					
A	Providing and laying stone pitching on embankment slopes	cum	29.37	0.213%	14.227	0.10%
B	Providing and laying filter media underneath stone pitching	cum	29.37	0.077%	14.227	0.04%
II	Toe/Retaining wall					
A	Excavation of Retaining Wall + Toe Wall	Cu.m.	1.89	0.031%	1.808	0.03%
B	M-15 PCC Retaining Wall + Toe	Cu.m.	1.89	0.089%	1.808	0.08%

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.08.2021)	
					Quantity	Percentage Progress
	Wall					
C	M-25 Retaining Wall + Toe Wall	Cum	1.89	1.626%	1.628	1.40%
D	HYSD - Retaining Wall + Toe Wall	MT	1.89	1.371%	1.628	1.18%
15	MISCELLANEOUS WORKS					
15.01	Overhead Signs	Km.	31.00	0.001%		
15.02	Traffic Aid Booth	No.	1.00	0.017%		
15.03	Medical Aid Booth	No.	1.00	0.017%		
15.04	Wearing courses	Km.	31.00	0.173%		
15.05	ROW Survey, centerline fixing along with fixing of ROW pillar and obtaining pusion of ROW.....	Km.	31.00	0.000%		
15.06	Emergency Cross Over	Nos.	6.00	0.018%		
15.07	Helipad	Nos.	1.00	0.017%		
	Total Amount					<b>83.07%</b>

## 4.0 Land Acquisition and Clearance

### 4.1 LA Summary: - A)Length Wise:

Sr. No.	From	To	LHS (Rm)	RHS (Rm)	Village	Survey No.	Remarks	Action to be taken
Main Carraige way								
1	296+350	296+450	100	100	Derol	519	There is ownership issue of land at this location. During the Discussion PD-NHAJ informed that Compansation will be paid only after ownership issue resolve.	To resolve the ownership issue, Meeting among Authority, CALA, Bharuch and SECON is required
2	313+630	313+735	105	105	Simartha	303	Due to additional land requirement, Owner land area : 1-16-30 Payment paid area: 0-20-04 Balance area Area to be award and Payment for additional land: 0-37-52 Main carriageway RHS portion work totally hindered beacause land not acquired & LHS partially Earth work has done because required width is not available & the construction traffic is also plying on LHS so other activity couldnot be taken up.	To resolve the additional land award issue, Authority has to submit proposal to CALA, Bharuch
	Total MCW (Rm)		205	205				



Sr. No.	From	To	LHS (Rm)	RHS (Rm)	Village	Survey No.	Remarks	Action to be taken
Loops & Ramps								
4	322+550	323+000	450	0	Matar Talpad		Since there is a loop & Ramp at this place, additional land will be required for its construction. As today discussed with Mr. Nizama Sir(Mamlatdar) who is working in CALA office has informed that the valuation report is still pending.	Valuation report is pending with Forest Dept which is to be submitted to CALA.
	322+447	323+000	0	553				
Total Loops & ramps (Rm)			450	553				
Other Misc Works:								
5	293+904	294+012	108	0	Derol	99	Only fencing work in ROW is stopped Additional land is require at this location Owner land area : 0-78-76 Payment paid area: 0-28-33 Area to be awarded for additional land: 0-22-89	To resolve the additional land award issue PD-NHAI is required to submit proposal to CALA, Bharuch
6	294+756	294+973	217		Derol	88 (88/1, 88/2)	Fencing work and elec. Line shifting work is hold due to issue of Survey no. dispute and payment .	PVKEL issued a letter to PD NHAI and CALA on dated 23.12.20
Total other works			325	0				

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.	Disburs (Rs. In Cr.)	Disbus Area in %
1	Matar Talpad	Tal.-Amod Dist.-Bharuch	19.8612	10.02	17.5881	8.94	89%
2	Vanta Matar		1.6709	1.64	0.6865	1.63	41%
3	Sunthodara		14.4691	1.77	11.8723	1.62	82%
4	Telod		3.4501	1.24	3.0758	1.24	89%
5	Danda		29.1681	19.81	28.6605	19.46	98%
6	Dora		38.5582	22.58	36.5203	22.17	95%
7	Simlatha		21.5547	42.05	19.6934	38.39	91%
8	Vantarsa		0.2261	0.04	0.2261	0.04	100%
9	Kurchan		18.1568	3.21	17.3950	3.07	96%
10	Padariya	Tal. & Dist.-Bharuch	5.7697	2.78	5.7697	2.78	100%
11	Karela		42.2357	20.7	41.5702	20.53	98%
12	Pipaliya		12.4403	3.78	12.2705	3.71	99%
13	Kelod		25.5545	24.16	23.9498	24.16	94%
14	Taralsa		16.5034	11.56	16.5034	11.56	100%
15	Dayadara		21.1308	8.48	19.0856	7.64	90%
16	Derol		35.4004	35.89	32.6372	35.12	92%
17	Tham		8.1923	4.14	8.1923	4.14	100%
18	Kanthariya		8.6506	11.01	7.5455	10.49	87%
<b>TOTAL AWARD PKG #3</b>			<b>322.9929</b>	<b>224.86</b>	<b>301.25</b>	<b>216.69</b>	<b>94%</b>

## 4.2 Clearances Summary: -

### 4.2 A) STATUS OF PERMISSION AND APPROVALS

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				

(All Documents submitted again along with Apr 2020 MPR vide letter PVKEPL/HO/VKP3/IE/101/2020 Dt. 22.05.2020 and in July MPR as Annexure 12)

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	Obtained. Valid till 17.09.2025.

Sr No	Approvals as in Schedule -E	
	Batching Plant	
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 as on appointed Date	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	-	-	-	-	-	-	-	-	Issue resolved through change in design
	SSNNL	Revised Drawing already submitted to All three Divisions of SSNL	730 M									Issue resolved work in Progress
Electricity	DGVCL	PVKPL submit supervision charges vide Letter #80 on 16.05.2019	2303 M	-	-	#72,73 & 74 on 13.02.2019	-	Supervision Charges Paid for 1) Palej on 24.05.19 2) Amod on 23.05.19 3) Bharuch	-	-	-	Utility Shifting Work Completed.
	GETCO	Estimate has been approved by competent authority of NHAI on 09.12.19	884 M			#342 on 01.05.2019						Estimates has been approved by NHAI on 05.12.19 Two Drawings are approved, Material inspection also completed and 4 out of 6 Electrical Lines are Shifted.



Utility Category	Name/ Department	Status	Length affected as on appointed Date	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
Gas Pipe Lines	GAIL	In the meeting held on 27 <sup>th</sup> January 2020 with PD NHAI & GM GAIL, accordingly revised GAD has been submitted by NHAI to GAIL on 03.02.2020 vide their letter no. 184	300 M					Site Visit Charges Paid by NHAI without GST				1) During meeting It is decided that at location of proposed minor bridges 296+432 & 304+432 Gas pipe line protection will be done by HDD method. IE vide Letter no 2444 Dt 24.10.2020 recommended estimates along with compliance for approval of competent Authority. 2) For 309+080 minor bridge GAIL raised Demand Note vide letter 114 Dt.24.07.2020 As per which Charges to be paid by Authority 3) NHAI Forwarded insurance policy submitted by Concessionaire to GAIL vide letter no 1186 Dt. 22.10.2020.(for all 3 locations)

#### 4.3 A) Utility shifting/ Tree Cutting Progress Status-Length Wise

Utility Category	Name/ Department	Length affected (M)	Length Cleared (M)	Balance Affected Length (M)
Water	GWSSB	80	80	0
	SSNNL	340	340	0
Electricity	DGVCL	2303	2303	0
	GETCO	884	884	0
Gas Pipe Lines	GAIL	300	300	0
Tree	Tree Cutting	900	900	0

### 4.3 B) Utility shifting/ Tree Cutting Progress Status-Nos

Sr. No.	Particular	Total	Progress till Last Month	Current Month	Cumulative Progress till June-2021	Balance to Completed	Remarks
<b>1</b>	<b>Electric Pole</b>						
	Bharuch Section						
	Bharuch division						
	i) Bharuch Subdivision	41	41	00	41	00	
	ii) Palej Subdivision	5	5	00	5	00	
	iii) Am od Subdivision	5	05	00	05	00	
	<b>Total</b>	<b>51</b>	<b>51</b>	<b>00</b>	<b>51</b>	<b>00</b>	
<b>2</b>	<b>Structures (Nos.)</b>						
	Bharuch Section	7	7	-	7	0	
	<b>Total</b>	<b>7</b>	<b>7</b>	<b>-</b>	<b>7</b>	<b>0</b>	
<b>3</b>	<b>Religious Str. (Nos.)</b>						
	Bharuch Section	0	0	0	0	0	
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>4</b>	<b>H.T. Line crossing</b>						
	<b>Bharuch Section</b>	<b>6</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>3</b>	
	<b>Total</b>	<b>6</b>	<b>3</b>	<b>1</b>	<b>4</b>	<b>2</b>	
<b>5.</b>	<b>Water Utilities</b>						
	Bharuch Section						
	i) Bharuch Subdivision						
	ii) Jambusar Sub-division						
	<b>Total</b>	<b>64</b>	<b>61</b>	<b>01</b>	<b>62</b>	<b>02</b>	

### Tree Cutting Progress Status-Nos

Sr. No.	District	Category		Total Nos.	Status of Cutting Permission	No. of Cutting Permission	No of Trees cut	Balance No of Trees	Remark
		Govt. Trees	All						
1	Bharuch	Govt. Trees	All	164	Tree Cutting Permission is received vide letter No. NHA/PIU Surat (Expressway)/PR- 02/2019/1717 Date: 25.03.2019	164	164	Nil	-
		Pvt. Trees		0					

### 5.0 Change of Scope:-

Sr. No.	Proposal Details	Date of first submission to IE/Authority	Current Status	COS Amount	Expected/Actual date of Approval
1	Box Culvert at Ch 315+214	12.12.2020	Recommended by IE vide letter no 3878 Dt. 27.08.2021	1.028 Cr	15.09.2021
2	Box Culvert at Ch 317+485	03.03.2021		0.496 Cr.	15.09.2021
3	Modification of normal lane to ETC lane in Toll System	22.01.2021	Recommended by IE vide letter no 3703 Dt. 27.07.2021	1.19 Cr.	15.09.2021
4	3 numbers HPC at CH.295+159, CH.311+071 and Ch. 321+687	16.06.2021	Recommended by IE vide letter no 3878 Dt. 27.08.2021	0.879 Cr.	15.09.2021
5	Deletion of Minor bridges-2 nos (296+450 & 304+450)		Recommended by IE vide letter no 3878 Dt. 27.08.2021	6.301 cr.	15.09.2021



## 6.0 Mobilization of Resources.

Sr. No	Equipment	Unit	Resource Required at peak	Deployed Machinery Month of August '2021
1	Excavator	Nos	16	32
2	Motor Grader	Nos	16	16
3	Dozer	Nos		4
4	Vibratory Roller	Nos	16	25
5	Tandem Roller	Nos	-	3
6	Baby roller	Nos	-	2
7	Wet Mix/ DLC Paver	Nos	1	1
8	Wet Mix Plant	Nos	1	1
9	PQC Paver	Nos	1	1
10	Dumpers/Tippers	Nos	107	120
11	FE Loaders/JCB	Nos	15	21
12	Water Tanker	Nos	23	30
13	Batching Plant CP60	Nos	2	4
14	Batching Plant CP 120	Nos	1	1
15	Batching Plant CP 240	Nos	1	1
16	Batching Plant 300 TPH (DLC)	Nos	1	1
17	Sand Washing plant	Nos	1	1
18	Transit Mixers	Nos	20	25
19	Boom Placer	Nos	1	2
20	Concrete Pump	Nos	1	2
21	Kerb Machine	Nos	1	1
22	Hydra	Nos	2	4

## 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 JULY-21 (Cr)	Outflow from Escrow during the JULY-21 (Cr)
1,712.00	1,027.20	1,301.94	1,278.99	33.25	42.37

### 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)
1,712.00	1,027.20	821.76	205.44	684.80	545.40	206.20	564.69

## 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			IE Witness This Month			Total Upto Date			
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed		Cum. No. of Test
<b>OGL &amp; Cutting soil</b>																	
1	Free Swell Index	IS 2720 Part 40	2 test per 3000 m <sup>3</sup>	50 % Max	148	0	148	0	0	0	0	0	0	148	0	148	
2	Grain Size Analysis	IS 2720 Part 4	2 test per 3000 m <sup>3</sup>	-	148	0	148	0	0	0	0	0	0	148	0	148	
3	Plasticity Index	IS 2720 Part 5	2 test per 3000 m <sup>3</sup>	LL = Not > 50 %, PI = Not > 25 %	148	0	148	0	0	0	0	0	0	148	0	148	
4	Max. Dry Density	IS 2720 Part 8	2 test per 3000 m <sup>3</sup>	Up to 3m 1.52 gm./cc	148	0	148	0	0	0	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	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			IE Witness This Month			Total Upto Date			
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed		Cum. No. of Test
6	Density of Comp. Layer	IS 2720 Part 28	1 set of 10 tests/ 3000 m <sup>2</sup>	90-95 % of lab MDD	5533	82	5615	0	0	0	0	0	0	5533	82	5615	
Borrow Area (Embankment & Subgrade)																	
1	Free Swell Index	IS 2720 Part 40	2 test per 3000 m <sup>2</sup>	50 % Max	5031	0	5031	3	0	3	3	0	3	5034	0	5034	
2	Grain Size Analysis	IS 2720 Part 4	2 test per 3000 m <sup>2</sup>	-	5031	0	5031	3	0	3	3	0	3	5034	0	5034	
3	Plasticity Index	IS 2720 Part 5	2 test per 3000 m <sup>2</sup>	L.L. = Not > 50 % PI = Not > 25 %	5031	0	5031	3	0	3	3	0	3	5034	0	5034	
4	Max. Dry Density	IS 2720 Part 8	2 test per 3000 m <sup>2</sup>	Up to 3m 1.52 gm./cc More than 3m 1.60 gm./cc	5031	0	5031	3	0	3	3	0	3	5034	0	5034	



Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted											Remark	
					Up To Previous Month			This Month			IE Witness This Month			Total Upto Date			
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed		Cum. No. of Test
5	CBR	IS 2720 Part 16	1 test per 3000 m <sup>3</sup>	Min. 8 % as per design	696	5	701	3	0	3	3	0	3	699	5	704	
Earthwork Field test																	
1	Density of Comp. Layer (Emb.)	IS 2720 Part 28	1 set of 10 tests per 3000 m <sup>2</sup>	95% of Lab MDD	44163	1027	45190	37	0	37	4	0	4	44200	1027	45227	
2	Density of Comp. Layer (Sub grade & Earthen shoulder)	IS 2720 Part 28	1 set of 10 tests per 2000 m <sup>2</sup>	97% of Lab MDD	1889	82	1971	13	0	13	3	0	3	1902	82	1984	
3	Density of Comp. Layer RE Wall)	IS 2720 Part 28	1 set of 6 tests per 3000 m <sup>2</sup>	97% of Lab MDD	1186	2	1188	0	0	0	0	0	0	1186	2	1188	
GSB																	

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted											Remark	
					Up To Previous Month			This Month			IE Witness This Month			Total Upto Date			
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed		Cum. No. of Test
1	Sieve Analysis.		1 Test /400M <sup>3</sup>	As per MORT&H Table 400-1	540	0	540	7	0	7	2	0	2	547	0	547	
2	Plasticity Index	IS 2720 Part 5	1 Test /400M <sup>3</sup>	LL=Not>25% PI=Not>6%	540	0	540	7	0	7	2	0	2	547	0	547	
3	Max. Dry Density	IS 2720 Part 8	1 TEST PER SOURCE		1	0	1	0	0	0	0	0	0	1	0	1	
4	CBR	IS 2720 Part 16	As Required	30% Min.	1	0	1	0	0	0	0	0	0	1	0	1	
5	Water Absorption	IS 2386 Part 3	As Required	2% Max.	1	0	1	0	0	0	0	0	0	1	0	1	
6	AIV	IS 2386 (P-4) & IS 5640	As Required	40% Max	1	0	1	0	0	0	0	0	0	1	0	1	
7	Density of	IS 2720	1 Test	98% of Lab	774	29	803	15	0	15	2	0	2	789	29	818	

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted											Remark	
					Up To Previous Month			This Month			IE Witness This Month			Total Upto Date			
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed		Cum. No. of Test
	Comp. Layer	Part 28	/1000M <sup>3</sup>	MDD													
<b>PHYSICAL PROPERTIES OF AGGREGATE FOR CONCRETE</b>																	
1	Sieve Analysis of CA	IS 2386 Part 1	1 Test/Concreting Day	As per IS 383	1337	0	1337	67	0	67	5	0	5	1404	0	1404	
2	Sieve Analysis of FA	IS 2386 Part 1	1 Test/Concreting Day	As per IS 383	1337	0	1337	67	0	67	5	0	5	1404	0	1404	
3	Aggregate Impact Value	IS 2386 Part 4	1 Test/Concreting Day	As per IS 383	805	0	805	8	0	8	2	0	2	813	0	813	
4	Flakiness Index	IS 2386 Part 1	1 Test/Concreting Day	As per IS 383	799	0	799	8	0	8	2	0	2	807	0	807	
5	Silt Content	IS 383	As Required		1105	0	1105	67	0	67	5	0	5	1172	0	1172	

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted											Remark				
					Up To Previous Month			This Month			IE Witness This Month			Total Upto Date						
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed		Cum. No. of Test			
							5									2				
6	Specific Gravity & W A	IS 2386 PART 3	1 Test/Month		6	0	6	0	0	0	0	0	0	6	0	6				
<b>Concrete Mix Design (cube sets)</b>																				
1	M15 7 Days	IS-516	18 Cubes	As per MoRT&H	3	0	3	0	0	0	0	0	0	3	0	3				
	28 Days				9	0	9	0	0	0	0	0	0	0	9	0	9			
2	M20 Kerb 7 Days				15	0	15	0	0	0	0	0	0	0	15	0	15			
	28 Days				45	0	45	0	0	0	0	0	0	0	45	0	45			
3	M20 7 Days				3	0	3	0	0	0	0	0	0	0	3	0	3			
	28 Days				9	0	9	0	0	0	0	0	0	0	9	0	9			
4	M25 PCC							52	0	52	0	0	0	0	0	0	52	0	52	

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted									Remark			
					Up To Previous Month			This Month			IE Witness This Month				Total Upto Date		
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test		Passed	Failed	Cum. No. of Test
	7 Days																
	28 Days				99	0	99	0	0	0	0	0	0	99	0	99	
5	M30 7 Days				128	0	128	0	0	0	0	0	0	128	0	128	
	28 Days				158	0	158	0	0	0	0	0	0	158	0	158	
6	M35 7 Days				182	0	182	0	0	0	0	0	0	182	0	182	
	28 Days				315	0	315	0	0	0	0	0	0	315	0	315	
7	M35 Pile 7 Days				93	0	93	0	0	0	0	0	0	93	0	93	
	28 Days				159	0	159	0	0	0	0	0	0	159	0	159	
8	M35 RE block 7 Days				9	0	9	0	0	0	0	0	0	9	0	9	
	28 Days				9	0	9	0	0	0	0	0	0	9	0	9	
9	M40				58	0	58	0	0	0	0	0	0	58	0	58	



Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted										Remark		
					Up To Previous Month			This Month			IE Witness This Month			Total Upto Date			
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed		Failed	Cum. No. of Test
	7 Days																
	28 Days				87	0	87	0	0	0	0	0	87	0	87		
10	M45 7 Days				13	0	13	0	0	0	0	0	13	0	13		
	28 Days				19	0	19	0	0	0	0	0	19	0	19		
11	M50 7 Days				43	0	43	0	0	0	0	0	43	0	43		
	28 Days				46	0	46	0	0	0	0	0	46	0	46		
12	M40 PQC 7 Days	IS-516	36 cubes & 36 beams	As per MoRT&H	100	0	100	0	0	0	0	0	100	0	100		
	28 Days				430	0	430	0	0	0	0	0	0	430	0	430	
13	M40 PQC Fl. Strength 7 Days				100	0	100	0	0	0	0	0	0	0	100	0	100

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted											Remark		
					Up To Previous Month			This Month			IE Witness This Month			Total Upto Date				
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed		Cum. No. of Test	
		28 Days			430	0	430	0	0	0	0	0	0	430	0	430		
14	DLC	7 Days	IS-516	10 cubes	Asper MoRT&H	127	29	156	0	0	0	0	0	0	127	29	156	
<b>Compressive Strength of Concrete Cubes (Field)</b>																		
1	M15	7 Days	IS-516	1 test - 0-5 M3 2 test - 6-15 m3 3 test - 16-30 m3 4 test - 31- 50 m3 +1 test for every 50m3 concrete	As per MoRT&H	0	0	0	0	0	0	0	0	0	0	0		
		28 Days				0	0	0	0	0	0	0	0	0	0	0	0	
2	M25 Kerb	7 Days				90	0	90	11	0	11	2	0	2	101	0	101	
		28 Days				331	0	331	13	0	13	9	0	9	344	0	344	
3	M25 PCC	7 Days				718	0	718	2	0	2	0	0	0	720	0	720	
		28 Days				1809	0	1809	2	0	2	0	0	0	1811	0	1811	

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted											Remark	
					Up To Previous Month			This Month			IE Witness This Month			Total Upto Date			
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed		Cum. No. of Test
4	M30 7 Days				1232	0	1232	30	0	30	6	0	6	1262	0	1262	
	28 Days				3562	0	3562	100	0	100	50	0	50	3662	0	3662	
5	M35 7 Days				1694	0	1694	56	0	56	4	0	4	1750	0	1750	
	28 Days				5618	0	5618	103	0	103	10	0	10	5721	0	5721	
6	M35 Pile 7 Days				949	0	949	0	0	0	0	0	0	949	0	949	
	28 Days				2883	0	2883	0	0	0	0	0	0	2883	0	2883	
7	M35 RE block 7 Days				167	0	167	0	0	0	0	0	0	167	0	167	

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted										Remark		
					Up To Previous Month			This Month			IE Witness This Month			Total Upto Date			
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed		Failed	Cum. No. of Test
	28 Days				513	0	513	0	0	0	0	0	0	513	0	513	
8	M30 Precast Drain 7 Days				143	0	143	0	0	0	0	0	0	143	0	143	
	28 Days				325	0	325	13	0	13	1	0	1	338	0	338	
9	M40 7 Days				91	0	91	17	0	17	4	0	4	108	0	108	
	28 Days				174	0	174	41	0	41	7	0	7	215	0	215	
10	M45 7 Days				0	0	0	0	0	0	0	0	0	0	0	0	
	28 Days				0	0	0	0	0	0	0	0	0	0	0	0	
11	M50 PSC 7 Days				463	0	463	9	0	9	2	0	2	472	0	472	

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted											Remark			
					Up To Previous Month			This Month			IE Witness This Month			Total Upto Date					
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed		Cum. No. of Test		
	28 Days				1138	0	1138	6	0	6	2	0	2	1144	0	1144			
1	Grouting			As per MORT&H	381	0	381	0	0	0	0	0	0	381	0	381			
2	7 Days				365	0	365	0	0	0	0	0	0	365	0	365			
1	M40 PQC	IS-516	1 test of 2 cubes & 2 beams for 150 m3 or Min. 6 cubes & 6 beams for the day	As per MoRT&H	132	0	132	7	0	7	3	0	3	139	0	139			
3	7 Days						1481	0	1481	76	0	76	43	0	43	1557	0	1557	
1	M40 PQC.F.S						132	0	132	7	0	7	3	0	3	139	0	139	
4	7 Days						1481	0	1481	76	0	76	43	0	43	1557	0	1557	
	28 Days				1102	0	110	37	0	37	5	0	5	1139	0	113			
1	DLC	IS-516	1set of 3cubes	Asper MoRT&H	1102	0	110	37	0	37	5	0	5	1139	0	113			



Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted											Remark	
					Up To Previous Month			This Month			IE Witness This Month			Total Upto Date			
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed		Cum. No. of Test
5	7 Days		for 1000 m2			2										9	
16	DLC FDD	IS 2720 Part 28	1 Test /2000M <sup>2</sup>	98% of Ref. Density	579	0	579	11	0	11	0	0	0	590	0	590	
<b>Cement</b>																	
1	Fineness	IS 4031	1 Test/Week		383	0	383	13	0	13	5	0	5	396	0	396	
2	Consistency	IS 4031	1 Test/Week		383	0	383	13	0	13	5	0	5	396	0	396	
3	Setting Time	IS 4031	1 Test/Week		383	0	383	13	0	13	5	0	5	396	0	396	
4	Soundness	IS 4031	1 Test/Week		92	0	92	0	0	0	0	0	0	92	0	92	
5	Compressive Strength	IS 4031	1 Test/Week														
	a) 3 Days		01 set = 3 Cube		374	0	374	11	0	11	3	0	3	385	0	385	

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted											Remark	
					Up To Previous Month			This Month			IE Witness This Month			Total Upto Date			
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed		Cum. No. of Test
	b) 7 Days		01 set = 3 Cube		374	0	374	11	0	11	4	0	4	385	0	385	
	c) 28 Days		01 set = 3 Cube		368	0	368	21	0	21	4	0	4	389	0	389	

## 8.2 Weather report

Sl. No.	Date	Temperature °C		Humidity %		Rainfall (mm)	Cum. Rainfall (mm)	Weather Condition (Sunny/Cloudy/ Rainy)
		Min. Temp.	Max. Temp.	Min.	Max.			
1	01-Aug-21	27.8	31.6	66.0	99.0	0.0	0.0	Cloudy/Sunny
2	02-Aug-21	27.7	31.2	66.0	86.0	0.0	0.0	Sunny
3	03-Aug-21	28.1	32.4	65.0	84.0	0.0	0.0	Cloudy
4	04-Aug-21	28.1	34.1	58.0	85.0	0.0	0.0	Cloudy/Sunny
5	05-Aug-21	28.3	33.1	60.0	77.0	0.0	0.0	Cloudy/Sunny
6	06-Aug-21	29.5	33.2	5.0	84.0	0.0	0.0	Cloudy/Sunny
7	07-Aug-21	29.5	36.5	42.0	81.0	0.0	0.0	Sunny
8	08-Aug-21	28.6	32.7	58.0	85.0	0.0	0.0	Cloudy/Sunny
9	09-Aug-21	28.6	36.0	45.0	83.0	0.0	0.0	Cloudy/Sunny
10	10-Aug-21	28.7	35.1	52.0	79.0	0.0	0.0	Cloudy/Sunny
11	11-Aug-21	28.7	34.6	50.0	79.0	0.0	0.0	Cloudy/Sunny
12	12-Aug-21	28.8	35.0	49.0	77.0	0.0	0.0	Cloudy/Sunny
13	13-Aug-21	29.0	33.1	56.0	75.0	0.0	0.0	Cloudy/Sunny
14	14-Aug-21	28.1	33.8	53.0	83.0	0.0	0.0	Cloudy/Sunny
15	15-Aug-21	27.2	33.1	54.0	85.0	0.0	0.0	Cloudy/Sunny
16	16-Aug-21	29.3	34.5	46.0	79.0	85.0	85.0	Cloudy/Rainy
17	17-Aug-21	28.0	35.3	51.0	91.0	12.0	97.0	Cloudy/Rainy
18	18-Aug-21	27.7	29.9	81.0	99.0	72.0	169.0	Cloudy/Rainy
19	19-Aug-21	27.1	29.5	82.0	99.0	6.0	175.0	Cloudy/Rainy
20	20-Aug-21	27.6	29.2	81.0	95.0	39.0	214.0	Cloudy/Rainy
21	21-Aug-21	27.9	31.4	70.0	99.0	39.0	253.0	Cloudy/Rainy
22	22-Aug-21	27.1	32.0	70.0	99.0	0.0	253.0	Cloudy/Sunny
23	23-Aug-21	27.7	33.9	60.0	92.0	0.0	253.0	Cloudy/Sunny
24	24-Aug-21	28.8	35.5	50.0	88.0	0.0	253.0	Cloudy/Sunny

Sl. No.	Date	Temperature °C		Humidity %		Rainfall (mm)	Cum. Rainfall (mm)	Weather Condition (Sunny/Cloudy/ Rainy)
		Min. Temp.	Max. Temp.	Min.	Max.			
25	25-Aug-21	27.9	35.9	52.0	85.0	0.0	253.0	Cloudy/Sunny
26	26-Aug-21	27.7	36.4	49.0	83.0	0.0	253.0	Cloudy/Sunny
27	27-Aug-21	28.1	36.9	44.0	84.0	0.0	253.0	Cloudy/Sunny
28	28-Aug-21	29.3	36.3	43.0	81.0	0.0	253.0	Cloudy/Sunny
29	29-Aug-21	30.1	39.1	41.0	79.0	47.0	300.0	Cloudy/Rainy
30	30-Aug-21	29.4	36.4	76.0	86.0	0.0	300.0	Cloudy/Sunny
31	31-Aug-21	28.1	31.3	78.0	90.0	48.0	348.0	Cloudy/Rainy
	<b>Average</b>	<b>28.3</b>	<b>33.8</b>	<b>56.5</b>	<b>86.2</b>			

## 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
312	Barricade Working Zone Properly	Provide Concrete Jersey Barrier	
	Provide Advance Warning Boards		

**Note - Detailed Site safety report attached as Annexure-09**

### 9.2 Accident report: No Accident This Month

## 10.0 Review status of drawings/design reports

### 10.1 Structure drawing status

Sr. No	Type of Structure	Total scope [Nos.]	Nos. of structures Submitted to IE	Nos. of structures 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	27	22	-	7 Nos. submitted via Letter No. 184 dated 12.12.2019	12 Nos are found in order (less than 20°) in MOM 6 Nos. are found in order vide ltr. No. 1595, 1659, 1682 and 1683	22 Nos Approved, 5 Nos SSNNL consent pending.
3	Flyover	1	1	1	299+375	Submitted via letter no. 042 dated 25.02.2020 Bearing submitted via letter no. 020 dt. 24.01.2020	Comments received via letter No. 989 dated 04.11.2019 Comments on bearing received via letter no. 1445 dt. 12.02.2020	Approved vide ltr. no. 1669 dated 10.04.2020
4	Major Bridge	3	3	3	302+732	Submitted via letter no. 335 dated 23.12.2019	Comments received via letter No. 1331 dated 20.01.2020	Approved by IE via ltr. 1259 dt. 01.01.2020
					318+875	Submitted via letter no. 239 dated 04.10.2019	-	Approved vide letter no. 1084 dt. 02.12.2020
					321+280	Submitted via letter no. 179 dated 24.07.2019	-	Approved in MOM dt. 30.08.2019



Sr. No	Type of Structure	Total scope [Nos.]	Nos. of structures Submitted to IE	Nos. of structures Approved by IE	Chainage	Submission to IE	Comments from IE	Remarks
5	Minor Bridge	11	11	9	294+085	Submitted via letter no. 189 dated 19.12.2019	Comments received via letter No. 1554 dated 03.03.2020	Approved vide letter no. 1554 dt. 03.03.2020
					296+432 -G	Submitted via letter no. 184 dated 06.08.2019	-	In meeting with GAIL, they have given concurrence on GAD with SDD method. Therefore no needs to provide structure
					297+472	Submitted via letter no. 049 dated 03.03.2020 & 194 Dt. 24.12.2019	Letter No. 1364 dated 30.01.2020	Approved by IE via ltr. 1660 dt. 04.04.2020
					297+562	Submitted via letter no. 185 dated 06.08.2019	-Comments received on Hyd. Report via letter No. 905 dated 27.09.2019	Approved in MOM dt. 30.08.2019
					304+450 -G	Submitted via letter no. 145 dated 17.08.2019	-	In meeting with GAIL, they have given concurrence on GAD with SDD method. Therefore no needs to provide structure
					307+731	Submitted via letter no. 260 dated 21.10.2019 (GFC)	-	Approved by IE via ltr. 1006 dt. 08.11.2019

Sr. No	Type of Structure	Total scope [Nos.]	Nos. of structures Submitted to IE	Nos. of structures Approved by IE	Chainage	Submission to IE	Comments from IE	Remarks
					309+100 -G	Submitted via letter no. 254 dated 17.10.2019	Comments received via letter No. 1003 dated 08.11.2019	Approved by IE ltr. 1813 dt. 05.06.2020, Bearing compliance submitted vide letter no. 115 dt. 12.06.2020
					309+840	Submitted via letter no. 011 Dated 08.01.2020	Approved via mail dt. 25.11.2019	Approved vide IE letter No. 1705 dated 24.04.2020
					310+752 -G	Submitted via letter no. 199 dated 31.12.2019	Comments received via letter No. 1465 dated 15.02.2020	Approved vide IE letter No. 2097 dated 06.08.2020
					313+835	Submitted via letter no. 145 dated 17.08.2019	-	Approved in MOM dt. 30.08.2019
					314+314	Submitted via letter no. 334 dated 23.12.2019	Comments received via letter No. 1226 dated 24.12.2019, Compliance Done vide letter no 29 Dt.29.001.2021	Under review with IE.

Sr. No	Type of Structure	Total scope [Nos.]	Nos. of structures Submitted to IE	Nos. of structures Approved by IE	Chainage	Submission to IE	Comments from IE	Remarks
6	PUP	30	30	30	-	<p>-29 Nos via letter No. 21 dated 22.10.2018</p> <p>- 1 No via letter No. 37 dated 12.12.2018</p> <p>-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/093/20 19 dt. 28.05.2019</p> <p>- Further revised 12 Nos submitted via 049 on 17.04.2019</p> <p>-Directly by Designer to Aarvee via mail dt. 30.05.2019</p>	<p>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</p> <p>3 Approved vide AA/VKE/PVKEPL/0114/19-20/DESIGN REVIEW/472 Dt. 03.06.2019</p> <p>18 Approved vide AA/VKE/PVKEPL/0115/19-20/DESIGN REVIEW/473 Dt. 03.06.2019</p> <p>Approval received vide letter no 1147 dt. 13.12.2019 on drawing submitted vide ltr no. 208</p> <p>6 nos. Approved vide IE letter no. 3265 dated 26.04.2021</p> <p>1 No approved vide letter no 2913 Dt. 09.02.2021</p>	30 Nos approved

Sr. No	Type of Structure	Total scope [Nos.]	Nos. of structures Submitted to IE	Nos. of structures Approved by IE	Chainage	Submission to IE	Comments from IE	Remarks
7	VUP	3	3	3	295+575	Submitted via letter no. 044 dated 26.02.2020	AA/VKE/PVKEPL/0116/19-20/DESIGN REVIEW/474 Dt. 03.06.2019	Approved by IE
					303+830	Submitted via letter no. 045 dated 26.02.2020	Approval received via letter No. 1261 dated 02.01.2020	Approved by IE
					312+720	Submitted via letter no. 045 dated 26.02.2020	Approval received via letter No. 1261 dated 02.01.2020	Approved by IE
8	VOP	1	1	1	307+193	Submitted via letter no. 003 dated 01.01.2020 & PVKEPL/HO/VKP3/IE/374/20 dt. 02.02.2020	Comments received via letter No. 1555 dated 03.03.2020 Submitted via letter no. 142 dated 01.08.2020	Approved vide ltr no. 2194
9	LVUP	7	7	7		Submitted via letter no. 226 dated 24.09.2019	-	Approved by IE via ltr. 1146 dt. 30.01.2020
10	ROB (Non-Railway)	1	1	1	293+014	Submitted via letter no. 198 dated 31.12.2019	Comments received via letter No. 1368 dated 30.01.2020	Approved
11	Truck Parking Area	2	2	2		Submitted via letter no. 159 dated 28.08.2020	AA/VKE/PVKEPL/459/20-21/DESIGN REVIEW/2219 Dt. 03.09.2020	Approved vide IE letter No. 2219 dated 03.09.2020
12	Small	3	3	3		Submitted via letter no. 154	AA/VKE/PVKEPL/453/20-21/DESIGN REVIEW/2182 Dt.	Approved vide IE letter No. 2182 dated

Sr. No	Type of Structure	Total scope [Nos.]	Nos. of structures Submitted to IE	Nos. of structures Approved by IE	Chainage	Submission to IE	Comments from IE	Remarks
	Parking Area					dated 20.08.2020	26.08.2020	26.08.2020
13	Highway Lighting	1	1	1	Entire Project	Submitted via letter no. 151 dated 17.08.2020	AA/VKE/PVKEPL/450/20-21/DESIGN REVIEW/2177 Dt. 25.08.2020	Approved vide IE letter No. 2177 dated 26.08.2020
14	Chian link Fencing	1	1	1	Entire Project	Submitted via letter no. 018 dated 21.01.2020	AA/VKE/PVKEPL/404/20-21/DESIGN REVIEW/1926 Dt. 30.06.2020	Approved vide IE letter No. 1926 dated 30.06.2020

## 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	# 267 on 02.11.2019	# 1144 Dt. 13.12.2019	
2	Connecting road	# 267 on 02.11.2019	# 1144 Dt. 13.12.2019	
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 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
4. Batching Plant -PQC (240 CUM) - Functional
5. DLC Plant(300 MT) ) - Functional

### **Borrow Area:-**

Status	Number of Borrow areas	Qty(Cum)
Approved	187	62,39,778
Submitted	31	12,58,632
<b>Total</b>	<b>218</b>	<b>74,98,410</b>

### 10.3 Review status of source approvals & Mix Design

Sr No	Description	Date of Approval	Approval Letter No.
<b>1</b>	<b>Cement</b>		
i	Ultra Tech Cement Ltd	02.02.2019	AA/VKE/PVKEPL/011/18-19/Q & M /048
ii	Gujrat Siddhi Cement Ltd	11.04.2019	AA/VKE/PVKEPL/070/19-20/Q & M /281
iii	Saurarashtra Cement Ltd (Hathi Cement)	13.04.2019	AA/VKE/PVKEPL/074/19-20/Q & M /289
iv	JK Lakshmi Cement Ltd	02.02.2019	AA/VKE/PVKEPL/011/18-19/Q & M /048
v	Sanghi Industries Ltd	02.02.2019	AA/VKE/PVKEPL/011/18-19/Q & M /048
vi	Birla Corporation Ltd	02.02.2019	AA/VKE/PVKEPL/011/18-19/Q & M /048
vii	Udaipur Cement works Ltd	02.02.2019	AA/VKE/PVKEPL/011/18-19/Q & M /048
viii	Nuvoco Vistas Corporation Ltd.	24.06.2019	AA/VKE/PVKEPL/125/18-19/Q & M /546
ix	Wonder Cement Ltd	21.11.2019	AA/VKE/PVKEPL/211/19-20/Q & M /1048
x	Ambuja Cement Ltd	21.11.2019	AA/VKE/PVKEPL/211/19-20/Q & M /1046
xi	JK Cement Ltd	03.11.2020	AA/VKE/PVKEPL/508/19-20/Q & M /2487
<b>2</b>	<b>Reinforcement Steel</b>		
i	Jindal Steel & Power (JSPL)	13.05.2019	AA/VKE/PVKEPL/100/19-20/Q & M /393
ii	Electro Steel Pvt. Ltd	09.07.2019	AA/VKE/PVKEPL/144/19-20/Q & M /609
iii	ESSAR	09.07.2019	AA/VKE/PVKEPL/144/19-20/Q & M /609
iv	Electrotherm (India) Ltd	15.01.2020	AA/VKE/PVKEPL/284/19-20/Q & M /1310
<b>3</b>	<b>Aggregates</b>		
i	Rajpahardi (Coarse Agg)	15.02.2019	AA/VKE/PVKEPL/028/18-19/Q & M /085
ii	Nadeshwar (Fine Agg)	15.02.2019	AA/VKE/PVKEPL/029/18-19/Q & M /086
iii	Bodeli (Fine Agg)	15.02.2019	AA/VKE/PVKEPL/029/18-19/Q & M /086
<b>4</b>	<b>Chemical Admixture</b>		
i	Kunal	12.02.2019	AA/VKE/PVKEPL/018/18-19/Q & M /062
ii	BASF	12.02.2019	AA/VKE/PVKEPL/018/18-19/Q & M /062
iii	STP Limited	24.09.2019	AA/VKE/PVKEPL/184/19-20/Q & M /882
iv	CAC Pvt.Limited	21.11.2019	AA/VKE/PVKEPL/192/19-20/Q & M /1051
v	Yahska	31.08.2019	AA/VKE/PVKEPL/167/19-20/Q & M /784
vi	Sika India Pvt Ltd	04.10.2019	AA/VKE/PVKEPL/192/19-20/Q & M /925
vii	Fosroc	08.11.2019	AA/VKE/PVKEPL/201/19-20/Q & M /995
<b>a)</b>	<b>Micro Silica/ GGBS/Silica Fume/Fly Ash</b>		
i	Suyog Element India Pvt. Ltd	04.10.2019	AA/VKE/PVKEPL/193/19-20/Q & M /926
ii	Ishita enterprises (GGBS)	13.02.2020	AA/VKE/PVKEPL/314/19-20/Q&M/1448
iii	Guru Corporation	12.06.2020	AA/VKE/PVKEPL/394/20-21/Q&M/1850

<b>Sr No</b>	<b>Description</b>	<b>Date of Approval</b>	<b>Approval Letter No.</b>
<b>6</b>	<b>Water</b>		
i	Bore well at Camp Ch-299+300 RHS	28.03.2019	AA/VKE/PVKEPL/041/18-19/Q & M /223
<b>7</b>	<b>Hume Pipe - NP4</b>		
I	Giriraj Hump pipe Industries	12.02.2019	AA/VKE/PVKEPL/022/18-19/Q & M /066
ii	T & G Precast Industries	24.06.2019	AA/VKE/PVKEPL/126/19-20/Q & M /547
<b>8</b>	<b>GEOTEXTILE</b>		
I	M/S Maccaferri Environmental Solutions Pvt. Lts	08.11.2019	AA/VKE/PVKEPL/202/19-20/Q & M /996
ii	M/S Manas Geo Tech India Pvt. Lts	09.12.2019	AA/VKE/PVKEPL/229/19-20/Q & M /1130
iii	M/S Techfab (India) Industries Lts	08.11.2019	AA/VKE/PVKEPL/202/19-20/Q & M /996
iv	M/S Terre Armee	09.12.2019	AA/VKE/PVKEPL/229/19-20/Q & M /1130
V	M/s Narjis International Company	19.02.2020	AA/VKE/PVKEPL/322/19-20/Q & M /1489
VI	M/S Geo Source	17.12.2020	AA/VKE/PVKEPL/527/19-20/Q & M /2631
<b>9</b>	<b>PQC MISC ITEMS</b>		
I	M/S Yash Enterprises (Separation membrane, dowel bar sleeves)	13.02.2020	AA/VKE/PVKEPL/319/19-20/Q&M/1458
ii	M/S Electrotherm (India) Ltd- MS Round bar	15.01.2020	AA/VKE/PVKEPL/284/19-20/Q&M/1310
iii	M/S Solanki plastic- (Dowel bar sleeves, separation membrane)	12.02.2020	AA/VKE/PVKEPL/310/19-20/Q&M/1442
iv	M/S Akar Engineers- (Dowel bar sleeves & Separation membrane)	19.02.2020	AA/VKE/PVKEPL/325/19-20/Q&M/1492
<b>10</b>	<b>Cement Grouting Admixture</b>		
I	BASF India Ltd	13.02.2020	AA/VKE/PVKEPL/316/19-20/Q&M/1450
ii	Fosroc	13.02.2020	AA/VKE/PVKEPL/313/19-20/Q&M/1447
<b>11</b>	<b>Independent Laboratory</b>		
I	Mukesh A Patel	12.02.2019	AA/VKE/PVKEPL/021/18-19/Q & M /065
ii	Geo Designs & Research Pvt. Ltd	11.04.2019	AA/VKE/PVKEPL/072/19-20/Q & M /283
iii	Shri Balaji Test House Pvt Ltd	27.01.2021	AA/VKE/PVKEPL/561/20-21/Q & M /2822
<b>12</b>	<b>Structural Items</b>		
I	M/S Dynamic Prestress (I) Ltd (Bearing & Prestressing Materials)	26.12.2019	AA/VKE/PVKEPL/263/19-20/Q & M /1231
ii	M/S INIZ Plastomech pvt. Ltd (Sheathing Ducts)	07.01.2020	AA/VKE/PVKEPL/278/19-20/Q & M /1285
iii	M/S Sanfield India Ltd(Bearing)	09.12.2019	AA/VKE/PVKEPL/231/19-20/Q & M /1132
iv	M/s Unitech Couplers India Pvt. Ltd	23.12.2019	AA/VKE/PVKEPL/250/19-20/Q & M /1212
v	M/s Vadol Corporation Ltd(Reinforcement)	31.12.2019	AA/VKE/PVKEPL/266/19-20/Q & M /1243

Sr No	Description	Date of Approval	Approval Letter No.
	couplers)		
vi	M/s Usha Martin Ltd(HT Strands)	07.01.2020	AA/VKE/PVKEPL/276/19-20/Q & M /1283
vii	M/s DECG International (Bearing & Expansion Joint)	07.10.2020	AA/VKE/PVKEPL/478/20-21/Q & M /2348
viii	M/s DP Wires Ltd (HT Strands)	11.11.2020	AA/VKE/PVKEPL/478/20-21/Q & M /2529
IX	M/S Steel Auto Industries (Bearings)	31.12.2020	AA/VKE/PVKEPL/541/19-20/Q & M /2711
<b>13</b>	<b>Curing Compound, Seleant</b>		
ii	STP	24.09.2019	AA/VKE/PVKEPL/184/19-20/Q & M /882
ii	Sika India Pvt Ltd	19.02.2020	AA/VKE/PVKEPL/327/19-20/Q & M /1494
iii	BASF India Ltd	13.02.2020	AA/VKE/PVKEPL/316/19-20/Q&M/1450
iv	Choksy Chemical pvt Ltd	26.02.2020	AA/VKE/PVKEPL/351/19-20/Q&M/1640
<b>14</b>	<b>Borrow Area</b>		
1	1	23.02.19	AA/VKE/PVKEPL/037/18-19/Q & M /119
2	1-Extension	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
3	1-A	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
4	1-B	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
5	1-C	20.08.19	AA/VKE/PVKEPL/164/19-20/Q & M /754
6	1-D	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
7	1-E	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
8	2	23.02.19	AA/VKE/PVKEPL/031/18-19/Q & M /113
9	2-A	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
10	2-B	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
11	2-C	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
12	2-D	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
13	3	23.02.19	AA/VKE/PVKEPL/038/18-19/Q & M /120
14	3-A	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
15	4	23.02.19	AA/VKE/PVKEPL/030/18-19/Q & M /114
16	4-B	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
17	4-C	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
18	4-D	01.07.19	AA/VKE/PVKEPL/136/19-20/Q & M /579
19	4-E	29.07.19	AA/VKE/PVKEPL/156/19-20/Q & M /680
20	4-F	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
21	4-G	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
22	5	23.02.19	AA/VKE/PVKEPL/032/18-19/Q & M /116
23	5-A	20.08.19	AA/VKE/PVKEPL/164/18-19/Q & M /754
24	5-B	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
25	6	23.02.19	AA/VKE/PVKEPL/030/18-19/Q & M /114



<b>Sr No</b>	<b>Description</b>	<b>Date of Approval</b>	<b>Approval Letter No.</b>
26	6-A	01.07.19	AA/VKE/PVKEPL/135/19-20/Q & M /578
27	6-B	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
28	6-C	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
29	7	11.04.19	AA/VKE/PVKEPL/071/19-20/Q & M /282
30	8	23.02.19	AA/VKE/PVKEPL/030/18-19/Q & M /114
31	8-A	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
32	8-B	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
33	8-C	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
34	8-D	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
35	9	23.02.19	AA/VKE/PVKEPL/036/18-19/Q & M /118
36	10	23.02.19	AA/VKE/PVKEPL/035/18-19/Q & M /117
37	10-A	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
38	10-B	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
39	10-C	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
40	11	23.02.19	AA/VKE/PVKEPL/031/18-19/Q & M /115
41	11-A	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
42	11-B	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
43	12	11.04.19	AA/VKE/PVKEPL/071/19-20/Q & M /282
44	12-A	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
45	13	11.04.19	AA/VKE/PVKEPL/071/19-20/Q & M /282
46	14	11.04.19	AA/VKE/PVKEPL/071/19-20/Q & M /282
47	14-A	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
48	15	11.04.19	AA/VKE/PVKEPL/071/19-20/Q & M /282
49	16	11.04.19	AA/VKE/PVKEPL/071/19-20/Q & M /282
50	17	11.04.19	AA/VKE/PVKEPL/071/19-20/Q & M /282
51	18	11.04.19	AA/VKE/PVKEPL/071/19-20/Q & M /282
52	18-A	29.07.19	AA/VKE/PVKEPL/156/19-20/Q & M /680
53	19	11.04.19	AA/VKE/PVKEPL/071/19-20/Q & M /282
54	20	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
55	20-A	20.08.19	AA/VKE/PVKEPL/164/18-19/Q & M /754
56	21	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
57	22	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
58	23	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
59	24	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
60	24A	29.07.19	AA/VKE/PVKEPL/156/19-20/Q & M /680
61	25	24.06.19	AA/VKE/PVKEPL/127/19-20/Q & M /548
62	25-A	01.07.19	AA/VKE/PVKEPL/136/19-20/Q & M /579
63	25-B	20.08.19	AA/VKE/PVKEPL/164/18-19/Q & M /754
64	26	24.06.19	AA/VKE/PVKEPL/127/19-20/Q & M /548

<b>Sr No</b>	<b>Description</b>	<b>Date of Approval</b>	<b>Approval Letter No.</b>
65	27	24.06.19	AA/VKE/PVKEPL/127/19-20/Q & M /548
66	28	24.06.19	AA/VKE/PVKEPL/127/19-20/Q & M /548
67	28-A	29.07.19	AA/VKE/PVKEPL/156/19-20/Q & M /680
68	29	24.06.19	AA/VKE/PVKEPL/127/19-20/Q & M /548
69	30	24.06.19	AA/VKE/PVKEPL/127/19-20/Q & M /548
70	31	24.06.19	AA/VKE/PVKEPL/127/19-20/Q & M /548
71	31-A	20.08.19	AA/VKE/PVKEPL/164/18-19/Q & M /754
72	32	24.06.19	AA/VKE/PVKEPL/127/19-20/Q & M /548
73	33	24.06.19	AA/VKE/PVKEPL/127/19-20/Q & M /548
74	36	20.08.19	AA/VKE/PVKEPL/164/18-19/Q & M /754
75	37	21.11.19	AA/VKE/PVKEPL/212/19-20/Q & M /1047
76	38	21.11.19	AA/VKE/PVKEPL/212/19-20/Q & M /1047
77	39	29.11.19	AA/VKE/PVKEPL/212/19-20/Q & M /1047
78	26A	21.11.19	AA/VKE/PVKEPL/221/19-20/Q & M /1079
79	40	29.11.19	AA/VKE/PVKEPL/222/19-20/Q & M /1080
80	41	29.11.19	AA/VKE/PVKEPL/223/19-20/Q & M /1081
81	4-I	29.11.19	AA/VKE/PVKEPL/223/19-20/Q & M /1081
82	38-A	09.12.19	AA/VKE/PVKEPL/230/19-20/Q & M /1131
83	42	23.12.19	AA/VKE/PVKEPL/257/19-20/Q & M /1219
84	43	23.12.19	AA/VKE/PVKEPL/257/19-20/Q & M /1219
85	44	23.12.19	AA/VKE/PVKEPL/256/19-20/Q & M /1218
86	42-A	31.12.19	AA/VKE/PVKEPL/267/19-20/Q & M /1244
87	44-A	31.12.19	AA/VKE/PVKEPL/267/19-20/Q & M /1244
88	44-B	31.12.19	AA/VKE/PVKEPL/267/19-20/Q & M /1244
89	26-B	31.12.19	AA/VKE/PVKEPL/267/19-20/Q & M /1244
90	23-A	01.01.20	AA/VKE/PVKEPL/270/19-20/Q&M/1257
91	45	01.01.20	AA/VKE/PVKEPL/270/19-20/Q&M/1257
92	37-A	07.01.20	AA/VKE/PVKEPL/277/19-20/Q&M/1284
93	46	07.01.20	AA/VKE/PVKEPL/277/19-20/Q&M/1284
94	47	07.01.20	AA/VKE/PVKEPL/277/19-20/Q&M/1284
95	25-E	06.02.20	AA/VKE/PVKEPL/317/19-20/Q&M/1451
96	49	06.02.20	AA/VKE/PVKEPL/298/19-20/Q&M/1396
97	41-A	06.02.20	AA/VKE/PVKEPL/298/19-20/Q&M/1396
98	50	06.02.20	AA/VKE/PVKEPL/298/19-20/Q&M/1396
99	23-B	06.02.20	AA/VKE/PVKEPL/298/19-20/Q&M/1396
100	51	06.02.20	AA/VKE/PVKEPL/298/19-20/Q&M/1396
101	49-A	06.02.20	AA/VKE/PVKEPL/299/19-20/Q&M/1397
102	41-B	06.02.20	AA/VKE/PVKEPL/299/19-20/Q&M/1397
103	27-A	06.02.20	AA/VKE/PVKEPL/299/19-20/Q&M/1397

<b>Sr No</b>	<b>Description</b>	<b>Date of Approval</b>	<b>Approval Letter No.</b>
104	52	06.02.20	AA/VKE/PVKEPL/299/19-20/Q&M/1397
105	35-A	06.02.20	AA/VKE/PVKEPL/300/19-20/Q&M/1398
106	41-C	06.02.20	AA/VKE/PVKEPL/300/19-20/Q&M/1398
107	53	06.02.20	AA/VKE/PVKEPL/300/19-20/Q&M/1398
108	43-B	06.02.20	AA/VKE/PVKEPL/301/19-20/Q&M/1399
109	42-C	13.02.20	AA/VKE/PVKEPL/315/19-20/Q&M/1449
110	48	13.02.20	AA/VKE/PVKEPL/315/19-20/Q&M/1449
111	35-B	12.02.20	AA/VKE/PVKEPL/308/19-20/Q&M/1440
112	47-A	12.02.20	AA/VKE/PVKEPL/308/19-20/Q&M/1440
113	55	19.02.20	AA/VKE/PVKEPL/326/19-20/Q&M/1493
114	56	19.02.20	AA/VKE/PVKEPL/326/19-20/Q&M/1493
115	57	19.02.20	AA/VKE/PVKEPL/326/19-20/Q&M/1493
116	37-B	19.02.20	AA/VKE/PVKEPL/326/19-20/Q&M/1493
117	47-B	19.02.20	AA/VKE/PVKEPL/326/19-20/Q&M/1493
118	5-C	22.02.20	AA/VKE/PVKEPL/330/19-20/Q&M/1510
119	53-A	22.02.20	AA/VKE/PVKEPL/330/19-20/Q&M/1510
120	54	19.02.20	AA/VKE/PVKEPL/323/19-20/Q&M/1490
121	49-B	19.02.20	AA/VKE/PVKEPL/323/19-20/Q&M/1490
122	49-C	20.03.20	AA/VKE/PVKEPL/347/19-20/Q&M/1636
123	53-B	20.03.20	AA/VKE/PVKEPL/348/19-20/Q&M/1637
124	57-A	20.03.20	AA/VKE/PVKEPL/348/19-20/Q&M/1637
125	53-C	20.03.20	AA/VKE/PVKEPL/345/19-20/Q&M/1634
126	26-C	20.03.20	AA/VKE/PVKEPL/346/19-20/Q&M/1635
127	52-A	20.03.20	AA/VKE/PVKEPL/346/19-20/Q&M/1635
128	56-A	20.03.20	AA/VKE/PVKEPL/346/19-20/Q&M/1635
129	20-C	09.06.20	AA/VKE/PVKEPL/391/20-21/Q&M/1834
130	65	09.06.20	AA/VKE/PVKEPL/391/20-21/Q&M/1834
131	58	27.07.20	AA/VKE/PVKEPL/428/20-21/Q&M/2048
132	50-A	27.07.20	AA/VKE/PVKEPL/428/20-21/Q&M/2048
133	52-B	27.07.20	AA/VKE/PVKEPL/428/20-21/Q&M/2048
134	59	27.07.20	AA/VKE/PVKEPL/428/20-21/Q&M/2049
135	63	07.07.20	AA/VKE/PVKEPL/415/20-21/Q&M/1970
136	64	07.07.20	AA/VKE/PVKEPL/415/20-21/Q&M/1970
137	42-D	07.07.20	AA/VKE/PVKEPL/415/20-21/Q&M/1970
138	55-A	07.07.20	AA/VKE/PVKEPL/415/20-21/Q&M/1970

<b>Sr No</b>	<b>Description</b>	<b>Date of Approval</b>	<b>Approval Letter No.</b>
139	49-D	07.07.20	AA/VKE/PVKEPL/415/20-21/Q&M/1969
140	50-B	07.07.20	AA/VKE/PVKEPL/415/20-21/Q&M/1969
141	60	07.07.20	AA/VKE/PVKEPL/413/20-21/Q&M/1968
142	59-A	02.07.20	AA/VKE/PVKEPL/405/20-21/Q&M/1934
143	64-A	02.07.20	AA/VKE/PVKEPL/405/20-21/Q&M/1934
144	42-E	02.07.20	AA/VKE/PVKEPL/405/20-21/Q&M/1934
145	50-C	02.07.20	AA/VKE/PVKEPL/406/20-21/Q&M/1935
146	67	26.10.20	AA/VKE/PVKEPL/501/20-21/Q&M/2451
147	68	26.10.20	AA/VKE/PVKEPL/502/20-21/Q&M/2452
148	68-A	11.11.20	AA/VKE/PVKEPL/514/20-21/Q&M/2528
149	70	11.11.20	AA/VKE/PVKEPL/514/20-21/Q&M/2527
150	71	11.11.20	AA/VKE/PVKEPL/514/20-21/Q&M/2527
151	72-A	24.12.20	AA/VKE/PVKEPL/537/20-21/Q&M/2677
152	70-A	23.12.20	AA/VKE/PVKEPL/535/20-21/Q&M/2673
153	71-A	23.12.20	AA/VKE/PVKEPL/535/20-21/Q&M/2673
154	54-A	17.12.20	AA/VKE/PVKEPL/625/20-21/Q&M/2628
155	67-A	17.12.20	AA/VKE/PVKEPL/625/20-21/Q&M/2628
156	72	07.01.21	AA/VKE/PVKEPL/549/20-21/Q&M/2748
157	73	07.01.21	AA/VKE/PVKEPL/549/20-21/Q&M/2748
158	74	07.01.21	AA/VKE/PVKEPL/548/20-21/Q&M/2747
159	74-A	07.01.21	AA/VKE/PVKEPL/546/20-21/Q&M/2745
160	75	07.01.21	AA/VKE/PVKEPL/547/20-21/Q&M/2746
161	76	06.02.21	AA/VKE/PVKEPL/572/20-21/Q&M/2889
162	79	09.03.21	AA/VKE/PVKEPL/621/20-21/Q&M/3091
163	77-A	09.03.21	AA/VKE/PVKEPL/619/20-21/Q&M/3089
164	80	08.04.21	AA/VKE/PVKEPL/643/20-21/Q&M/3199
165	81	08.04.21	AA/VKE/PVKEPL/643/20-21/Q&M/3199

<b>Sr No</b>	<b>Description</b>	<b>Date of Approval</b>	<b>Approval Letter No.</b>
166	73-B	08.04.21	AA/VKE/PVKEPL/643/20-21/Q&M/3199
167	78-A	08.04.21	AA/VKE/PVKEPL/642/20-21/Q&M/3198
168	76-A	30.04.21	AA/VKE/PVKEPL/668/20-21/Q&M/3291
169	58-A	30.04.21	AA/VKE/PVKEPL/668/20-21/Q&M/3291
170	82	19.05.21	AA/VKE/PVKEPL/668/20-21/Q&M/3366
171	84	19.05.21	AA/VKE/PVKEPL/668/20-21/Q&M/3366
172	83	19.05.21	AA/VKE/PVKEPL/682/20-21/Q&M/3368
173	85	19.05.21	AA/VKE/PVKEPL/681/20-21/Q&M/3367
174	81-A	01.06.21	AA/VKE/PVKEPL/696/21-22/Q&M/3434
175	76-B	01.06.21	AA/VKE/PVKEPL/696/21-22/Q&M/3434
176	87	01.06.21	AA/VKE/PVKEPL/696/21-22/Q&M/3434
177	86	01.06.21	AA/VKE/PVKEPL/695/21-22/Q&M/3433
178	88	07.06.21	AA/VKE/PVKEPL/702/20-21/Q&M/3462
15	<b>GSB Mix Design</b>	20.08.19	AA/VKE/PVKEPL/161/18-19/Q & M /751
16	<b>WMM Mix Design</b>	24.09.19	AA/VKE/PVKEPL/182/18-19/Q & M /880
17	<b>PQC Mix Design</b>		
1	PQC Mix Design with Wonder cement-43 grade, flyash & BASF Admixture	13.02.2020	AA/VKE/PVKEPL/318/19-20/Q&M/1457
2	PQC Mix Design with Sidhee cement-53 grade, flyash & BASF Admixture	19.02.2020	AA/VKE/PVKEPL/324/19-20/Q&M/1491
3	PQC Mix Design with Wonder cement-53 grade & BASF Admixture	20.03.20	AA/VKE/PVKEPL/349/19-20/Q&M/1638
4	PQC Mix Design with Saurasthra cement-43 grade, GGBS & BASF Admixture	20.03.20	AA/VKE/PVKEPL/352/19-20/Q&M/1641
5	PQC Mix Design with Wonder cement-43 grade, GGBS & BASF Admixture	26.10.20	AA/VKE/PVKEPL/500/20-21/Q&M/2449
6	PQC Mix Design with Ultratech cement-43 grade, GGBS & Fosroc Admixture	05.11.20	AA/VKE/PVKEPL/511/20-21/Q&M/2505
7	PQC Mix Design with Ultratech cement-43 grade, Flyash & Fosroc Admixture	05.11.20	AA/VKE/PVKEPL/511/20-21/Q&M/2504
8	PQC Mix Design with Nuvoco cement-43	17.12.20	AA/VKE/PVKEPL/511/20-21/Q&M/2630

Sr No	Description	Date of Approval	Approval Letter No.
	grade, Flyash(Suyog) & Sika Admixture		
9	PQC Mix Design with JK Super cement-43 grade, Flyash(Suyog) & Sika Admixture	17.12.20	AA/VKE/PVKEPL/525/20-21/Q&M/2629
10	PQC Mix Design with JK lakshmi cement-43 grade, Flyash(Suyog), Fiber (Reliance) & Sika Admixture	30.03.21	AA/VKE/PVKEPL/630/20-21/Q&M/3137
<b>18</b>	<b>DLC Mix Design</b>		
1	DLC Mix design with Sidhee OPC53 cement & Flyash	21.11.19	AA/VKE/PVKEPL/211/19-20/Q & M /1052
2	DLC Mix design with Sidhee OPC53 cement	21.11.19	AA/VKE/PVKEPL/211/19-20/Q & M /1049
<b>19</b>	<b>Concrete Mix Design</b>		
1	M30 RCC (Sidhee opc 53+ Kunal admixture)	20.08.19	AA/VKE/PVKEPL/163/18-19/Q & M /753
2	M30 RCC (Sidhee opc 53+ Kunal admixture)	20.08.19	AA/VKE/PVKEPL/163/18-19/Q & M /753
3	M35 RCC (Sidhee opc 53+ Kunal admixture)	20.08.19	AA/VKE/PVKEPL/163/18-19/Q & M /753
4	M35 PILE (Sidhee opc 53+ Kunal admixture)	20.08.19	AA/VKE/PVKEPL/163/18-19/Q & M /753
5	M40 RCC (Sidhee opc 53+ Kunal admixture)	20.08.19	AA/VKE/PVKEPL/163/18-19/Q & M /753
6	M25 PCC (Ultratech opc 53+ Kunal admixture)	20.08.19	AA/VKE/PVKEPL/163/18-19/Q & M /753
7	M30 RCC (Ultratech opc 53+ Kunal admixture)	20.08.19	AA/VKE/PVKEPL/163/18-19/Q & M /753
8	M35 RCC (Ultratech opc 53+ Kunal admixture)	20.08.19	AA/VKE/PVKEPL/163/18-19/Q & M /753
9	M35 PILE (Ultratech opc 53+ Kunal admixture)	24.09.19	AA/VKE/PVKEPL/178/18-19/Q & M /876
10	M40 RCC (Ultratech opc 53+ Kunal admixture)	24.09.19	AA/VKE/PVKEPL/178/18-19/Q & M /876
11	M30 RCC (Sidhee opc 53+ BASF admixture)	04.10.19	AA/VKE/PVKEPL/191/18-19/Q & M /924
12	M35 Pile (Sidhee opc 53+ BASF admixture)	04.10.19	AA/VKE/PVKEPL/191/18-19/Q & M /924
13	M30 RCC (Sidhee opc 53+ Yahska admixture)	08.11.19	AA/VKE/PVKEPL/204/18-19/Q & M /998
14	M35 Pile (Sidhee opc 53+ Yahska admixture)	08.11.19	AA/VKE/PVKEPL/204/18-19/Q & M /998
15	M35 RCC (Sidhee opc 53+ BASF admixture)	08.11.19	AA/VKE/PVKEPL/203/18-19/Q & M /997
16	M40 RCC (Sidhee opc 53+ BASF admixture)	08.11.19	AA/VKE/PVKEPL/203/18-19/Q & M /997
17	M50 PSC (Ultratech opc 53+ BASF admixture)	23.12.19	AA/VKE/PVKEPL/253/18-19/Q & M /1215
18	M50 PSC (Sidhee opc 53+ BASF admixture)	23.12.19	AA/VKE/PVKEPL/252/18-19/Q & M /1214
19	M25 PCC (Sidhee opc 53+ Sika admixture)	23.12.19	AA/VKE/PVKEPL/254/18-19/Q & M /1216
20	M30 RCC (Sidhee opc 53+ Sika admixture)	23.12.19	AA/VKE/PVKEPL/254/18-19/Q & M /1216
21	M35 RCC (Sidhee opc 53+ Sika admixture)	23.12.19	AA/VKE/PVKEPL/254/18-19/Q & M /1216
22	M35 Pile (Sidhee opc 53+ Sika admixture)	23.12.19	AA/VKE/PVKEPL/254/18-19/Q & M /1216
23	M25 PCC (Sidhee OPC 53+Flyash+Sika admixture)	31.12.19	AA/VKE/PVKEPL/265/18-19/Q & M /1242
24	M25 PCC (JK Lakshmi OPC 53+Flyash+BASF admixture)	31.12.19	AA/VKE/PVKEPL/265/18-19/Q & M /1242
25	M30 RCC (JK Lakshmi OPC 53+Flyash+Sika admixture)	31.12.19	AA/VKE/PVKEPL/265/18-19/Q & M /1242



<b>Sr No</b>	<b>Description</b>	<b>Date of Approval</b>	<b>Approval Letter No.</b>
26	M35 RCC (Sidhee OPC 53+Flyash+Fosroc admixture)	31.12.19	AA/VKE/PVKEPL/265/18-19/Q & M /1242
27	M35 RCC (JK Lakshmi OPC 53+Flyash+Fosroc admixture)	31.12.19	AA/VKE/PVKEPL/265/18-19/Q & M /1242
28	M35 RCC (Sanghee OPC 53+Flyash+Sika admixture)	31.12.19	AA/VKE/PVKEPL/265/18-19/Q & M /1242
29	M35 Pile (JK Lakshmi OPC 53+Flyash+BASF admixture)	31.12.19	AA/VKE/PVKEPL/265/18-19/Q & M /1242
30	M35 Pile (JK Lakshmi OPC 53+Flyash+Sika admixture)	31.12.19	AA/VKE/PVKEPL/265/18-19/Q & M /1242
31	M40 RCC (JK Lakshmi OPC 53+Flyash+BASF admixture)	31.12.19	AA/VKE/PVKEPL/265/18-19/Q & M /1242
32	M45 RCC (Sanghee OPC 53+Flyash+Fosroc admixture)	31.12.19	AA/VKE/PVKEPL/265/18-19/Q & M /1242
33	M45 RCC (Sourashtra OPC 53+Flyash+Fosroc admixture)	31.12.19	AA/VKE/PVKEPL/265/18-19/Q & M /1242
34	M50 PSC (Sourashtra OPC 53+Flyash+Fosroc admixture)	31.12.19	AA/VKE/PVKEPL/265/18-19/Q & M /1242
35	M50 PSC (Ambuja OPC 53 Grade+Silica fume+BASF admixture)	29.07.20	AA/VKE/PVKEPL/432/20-21/Q & M /2060
36	M50 PSC (Ultratech OPC 53 Grade+Silica fume+BASF admixture)	29.07.20	AA/VKE/PVKEPL/432/20-21/Q & M /2060
37	M50 PSC (Wonder OPC 53 Grade+Silica fume+BASF admixture)	29.07.20	AA/VKE/PVKEPL/432/20-21/Q & M /2060
38	M50 PSC (Sidhee OPC 53 Grade+Silica fume+BASF admixture)	29.07.20	AA/VKE/PVKEPL/432/20-21/Q & M /2060
39	M50 PSC (Saurashtra OPC 53 Grade+Silica fume+BASF admixture)	29.07.20	AA/VKE/PVKEPL/432/20-21/Q & M /2060
40	M-25 Kerb (Ambuja OPC 53 Grade+ Flyash+BASF Admixture)	19.09.20	AA/VKE/PVKEPL/471/20-21/Q & M /2288

**NCR Status :-**

Sr. No.	NCPN NO	ISSUED DATE	DESCRIPTION OF NON-CONFORMANCE	DESCRIPTION OF REMEDIAL ACTION	REMEDIAL ACTION		CLOSED OUT DATE	REMARK
					YES	NO		
1	IE/NCR/PKG-III/001	12.11.2019	Embankment construction is carried out without treatment of OGL soil	Prooved OGL is Suitable	Yes		13.11.19	NCR Closed
2	IE/NCR/PKG-III/002	12.11.2019	Embankment construction is carried out without treatment of OGL soil	Prooved OGL is Suitable	Yes		13.11.19	NCR Closed
3	IE/NCR/PKG-III/003	12.11.2019	Depressed PUP raft at ch-304+170	Raft Level raised	Yes		13.11.19	NCR Closed
4	IE/NCR/PKG-III/004	14.10.2019	Depressed PUP raft at ch-305+058 and ch-309+550 PCC done without ground improvement	Ground Improvement done	Yes		23.10.19	NCR Closed
5	IE/NCR/PKG-III/005	12.08.2019	Back filling below the hume pipe not done properly at ch-303+408	Remedial Work Done	Yes		12.08.19	NCR Closed
6	IE/NCR/PKG-III/006	14.07.20	Reinforcement steel binding for Girder A1-P1-G1 LHS Span at ROB (293+014) rusted steel bars are being used binding of steel almost completed for the girder.	Remedial Work Done	Yes		13.08.20	NCR Closed
7	IE/NCR/PKG-III/007	15.07.20	Reinforcement bars of partially cast components are exposed to atmosphere since long at getting rusted at LVUP (321+673), VOP (307+170), fly over (299+354) reinforcement bars are laying scattered and uncovered in mansoon resulting into its rust at LVUP (321+673), VOP (307+170), fly over (299+354) and similar all are location in the stretch.	Remedial Work Done	Yes		13.08.20	NCR Closed
8	IE/NCR/PKG-III/008	10.08.20	The compressive strength test of RE Wall Block is to be carried out as CI 3105.1.1 and section 1700 of MoRT&H Specification (5th Revision) in Presence of IE representative, prior to erection of RE Wall Block at site.	The compressive strength test of RE Wall Block was carried out in Presence of IE representative at third party Lab	YES		06.10.2020	NCR Closed

Sr. No.	NCPN NO	ISSUED DATE	DESCRIPTION OF NON-CONFORMANCE	DESCRIPTION OF REMEDIAL ACTION	REMEDIAL ACTION		CLOSED OUT DATE	REMARK
					YES	NO		
9	IE/NCR/PKG-III/009	13.08.20	Cleaning of Rust & coating of cement slurry to be done in exposed bars of retaining wall as per specification reference above.	Remedial Work Done	YES		10.11.2020	NCR Closed
10	IE/NCR/PKG-III/10	08.10.20	Deep and wide rain cuts observed along the project alignment edge from ch-317+700 to 317+900- LHS	Remedial Work Done	Yes		10.11.2020	NCR Closed
11	IE/NCR/PKG-III/11	08.10.20	Deep and wide rain cuts observed along the project alignment edge from ch-317+650 to 317+800- RHS	Remedial Work Done	Yes		10.11.2020	NCR Closed
12	IE/NCR/PKG-III/12	08.10.20	Deep and wide rain cuts observed along the project alignment edge from ch-296+100 to 296+350- LHS	Remedial Work Done	Yes		10.11.2020	NCR Closed
13	IE/NCR/PKG-III/13	08.01.2021	RE Wall construction is being carried out with sub standard precast concrete blocks. A lot of honeycomb and poor surface finish is observed at km 301+200 and 301+790. the concern persons are repeatedly informed and advice for improvement of such inferior blocks. but no action has been taken.	Remedial Work Done	Yes		02.03.2020	NCR Closed
14	IE/NCR/PKG-III/14	21.01.2021	More than 2 meter hight of unapproved soil have been laid in place of Backfill and filter material behind the retaining wall from chainage 322+450 to 322+540 on both sides	Remedial Work Done	Yes		02.03.2020	NCR Closed
15	IE/NCR/PKG-III/15	15.02.2021	Ground improvement for the construction of RE wall as recommended in drawing is not being followed from Ch. 299+090 to 299+322 on the RHS for Wall no. 01	As per revised design & drawing, there was no need to excavate extra depth for ground improvement.	Yes		27.04.2021	NCR Closed
16	IE/NCR/PKG-III/16	31.03.2021	The metal beam crash barrier MBCB fixing work has been started in median and shulder portion of both side carraigeway from km-304+250 to 306+700	Awaited material source approval	Yes			NCR Open
17	IE/NCR/PKG-III/17	19.04.2021	DLC laid materials from ch-321+680 to 321+770 LHS is not confrming to the specification & mix design of DLC.	Material removed from this chainage.	Yes		22.05.2021	NCR Closed

Sr. No.	NCPN NO	ISSUED DATE	DESCRIPTION OF NON-CONFORMANCE	DESCRIPTION OF REMEDIAL ACTION	REMEDIAL ACTION		CLOSED OUT DATE	REMARK
					YES	NO		
18	IE/NCR/PKG-III/18	13.05.2021	Box Culvert ; at Ch 322+750 : Precast Box segment for the culvert have been procured and brought at site without checking of reinforcement and review of Mix design for the concrete being used for construction since this culvert has to carry more than 8 Mtr filling over it reinforcement and concrete mix design have to be ensured as per approved design and drawing.	Remedial Work Done	Yes		19.07.2021	NCR Closed
19	IE/NCR/PKG-III/19	19.05.2021	Unsuitable soil laid for the construction of subgrade layer at ch-319+160 to 319+580 LHS	Remedial Work Done	Yes		16.06.2021	NCR Closed
20	IE/NCR/PKG-III/20	22.06.2021	The traffic diversion of Nabipur-Dayadra road on LHS is not opened for commuters and traffic of both carriageways of the road is moving through only one diversion, which is non conformance to the diversion plane submitted by the concessionaire and IE conset on it.	Remedial Work Done	Yes		19.07.2021	NCR Closed
21	IE/NCR/PKG-III/21	21.06.2021	GSB material has been laid over disturbed geo-textile (separation membrane) and excess moisture in subgrade from K.M-299+770 to 299+920 RHS	Remedial Work Done	Yes		19.07.2021	NCR Closed
22	IE/NCR/PKG-III/22	22.06.2021	DLC material has been laid over bumpy and spongy surface of GSB from ch- 307+570 to 307+670 LHS on half width o carriageway.	Work in Progress	Yes		24.08.2021	NCR Closed
23	IE/NCR/PKG-III/23	07.07.2021	Median plantation is being carried out without making pits of proper dimension and using required manures and compost at ch-310+900-312+160 & ch-307+950-308+850	Work in Progress	Yes			NCR Open
24	IE/NCR/PKG-III/24	07.07.2021	Median plantation is being carried out without making pits of proper dimension and using required manures and compost at ch-310+900-312+160 & ch-307+950-308+850	Inprogress.	Yes			NCR Open
25	IE/NCR/PKG-III/25	07.08.2021	Earth work carried out on the approaches of major Bridge at Ch 302+743, in a very unsystematic manner without maintaing the	Removal of laid materials and redoing	Yes			NCR

Sr. No.	NCPN NO	ISSUED DATE	DESCRIPTION OF NON-CONFORMANCE	DESCRIPTION OF REMEDIAL ACTION	REMEDIAL ACTION		CLOSED OUT DATE	REMARK
					YES	NO		
			layer thickness and proper compaction from ch- 302+780 to 302+840 RHS	with suitable materials.				Open
26	IE/NCR/PKG-III/26	13.08.2021	Embankment construction carried out on the approaches of MJB at ch' 302+743 is not in accordance with proper slope as shown in TCS from ch-302+570 to 302+640 LHS and ch- 302+530 to 302+630 RHS	Rectify the slope as per TCS	Yes			NCR Open
27	IE/NCR/PKG-III/27	16.08.2021	Constuction of Shoulder Drain with Precast units from Ch: 307+830 to 307+900 (RHS) damaged precast unit are being placed and undulation in levelling course surface.	Damaged precast unit to be removed and replaced.	Yes			NCR Open
28	IE/NCR/PKG-III/28	24.08.2021	Construction of chute drains being carried out with improper finishing over uncompactd soil on embankment slope without bringing it in required slope and rectification of rain cuts from ch- 319+700-320+150 on RHS	Inprogress	Yes			NCR Open
29	IE/NCR/PKG-III/29	25.08.2021	Huge rain cuts are still to be rectified on entire hight of embankment slope up to GSB layar from ch-310+200 to 310+460 on RHS and ch-318+200 to 318+750 on RHS	Inprogress	Yes			NCR Open

## Highway RFI Summary

Sr. NO.	RFI NO.	Inspection date	Item Description	Chainage		Side
				From	To	
1	VKE-3/PIL/HW/22004	3-Aug-21	Geo textile laying	297+580	297+670	L.H.S
2	VKE-3/PIL/HW/22005	3-Aug-21	GSB Top. Layer F.D.D Checking	297+580	297+670	L.H.S
3	VKE-3/PIL/HW/22006	3-Aug-21	EMB 17th. Layer F.D.D	298+940	299+065	R.H.S
4	VKE-3/PIL/HW/22007	4-Aug-21	DLC Laying & F.D.D Checking	297+590	297+700	L.H.S
5	VKE-3/PIL/HW/22008	4-Aug-21	Avenue Plantation	302+800	304+400	R.H.S
6	VKE-3/PIL/HW/22009	4-Aug-21	Avenue Plantation	303+000	304+400	L.H.S
7	VKE-3/PIL/HW/22010	4-Aug-21	Avenue Plantation	307+500	307+550	L.H.S
8	VKE-3/PIL/HW/22011	4-Aug-21	Avenue Plantation	307+500	307+550	R.H.S
9	VKE-3/PIL/HW/22012	4-Aug-21	Median plantation	319+350	319+600	
10	VKE-3/PIL/HW/22013	4-Aug-21	GSB Top. Layer F.D.D Checking	297+590	297+670	L.H.S
11	VKE-3/PIL/HW/22014	6-Aug-21	Subgrade 1st. Layer F.D.D	297+360	297+465	L.H.S
12	VKE-3/PIL/HW/22015	6-Aug-21	Subgrade 1st. Layer F.D.D	302+570	302+640	L.H.S
13	VKE-3/PIL/HW/22016	7-Aug-21	EMB 8th. Layer F.D.D	297+500	297+545	R.H.S
14	VKE-3/PIL/HW/22017	7-Aug-21	EMB 8th. Layer F.D.D	297+500	297+545	L.H.S
15	VKE-3/PIL/HW/22018	7-Aug-21	EMB 13th. Layer F.D.D	312+670	312+682	L.H.S
16	VKE-3/PIL/HW/22019	7-Aug-21	EMB 14th. Layer F.D.D	312+670	312+682	L.H.S
17	VKE-3/PIL/HW/22020	7-Aug-21	Gsb filter media behind VUP abutment A1 side 13th & 143th layer both side	312+694		
18	VKE-3/PIL/HW/22021	7-Aug-21	EMB 16th. Layer F.D.D	298+940	299+065	L.H.S
19	VKE-3/PIL/HW/22022	8-Aug-21	Subgrade 1st. Layer F.D.D	297+340	297+465	R.H.S
20	VKE-3/PIL/HW/22023	8-Aug-21	SG Top. Layer F.D.D Checking	297+360	297+450	L.H.S
21	VKE-3/PIL/HW/22024	8-Aug-21	EMB 13th. Layer F.D.D	312+670	312+682	R.H.S
22	VKE-3/PIL/HW/22025	8-Aug-21	EMB 14th. Layer F.D.D	312+670	312+682	R.H.S
23	VKE-3/PIL/HW/22026	8-Aug-21	EMB 15th. Layer F.D.D	312+670	312+682	L.H.S
24	VKE-3/PIL/HW/22027	8-Aug-21	EMB 16th. Layer F.D.D	312+670	312+682	L.H.S
25	VKE-3/PIL/HW/22028	8-Aug-21	EMB 15th. Layer F.D.D	312+670	312+682	R.H.S
26	VKE-3/PIL/HW/22029	8-Aug-21	EMB 16th. Layer F.D.D	312+670	312+682	R.H.S
27	VKE-3/PIL/HW/22030	8-Aug-21	Gsb filter media behind VUP abutment A1 side 15th & 16th layer both side	312+694		
28	VKE-3/PIL/HW/22031	8-Aug-21	SG Top. Layer F.D.D Checking	302+570	302+650	L.H.S
29	VKE-3/PIL/HW/22032	8-Aug-21	Subgrade 1st. Layer F.D.D	302+570	302+650	R.H.S
30	VKE-3/PIL/HW/22033	9-Aug-21	Subgrade 1st. Layer F.D.D	297+340	297+465	R.H.S
31	VKE-3/PIL/HW/22034	9-Aug-21	SG Top. Layer F.D.D Checking	297+360	297+450	L.H.S
32	VKE-3/PIL/HW/22035	9-Aug-21	SG Top. Layer F.D.D Checking	302+570	302+650	R.H.S
33	VKE-3/PIL/HW/22036	9-Aug-21	Avenue Plantation	297+650	297+900	R.H.S
34	VKE-3/PIL/HW/22037	9-Aug-21	Avenue Plantation	297+950	298+500	R.H.S
35	VKE-3/PIL/HW/22038	9-Aug-21	Avenue Plantation	298+500	299+050	R.H.S
36	VKE-3/PIL/HW/22039	9-Aug-21	Avenue Plantation	299+450	299+850	R.H.S
37	VKE-3/PIL/HW/22040	9-Aug-21	Avenue Plantation	300+000	301+750	R.H.S
38	VKE-3/PIL/HW/22041	9-Aug-21	Avenue Plantation	297+700	298+350	L.H.S
39	VKE-3/PIL/HW/22042	9-Aug-21	Avenue Plantation	300+150	301+200	L.H.S
40	VKE-3/PIL/HW/22043	9-Aug-21	Avenue Plantation	301+250	302+000	L.H.S
41	VKE-3/PIL/HW/22044	9-Aug-21	Avenue Plantation	302+250	302+500	L.H.S
42	VKE-3/PIL/HW/22045	9-Aug-21	EMB 16th. Layer F.D.D	312+670	312+682	L.H.S
43	VKE-3/PIL/HW/22046	9-Aug-21	EMB 16th. Layer F.D.D	312+670	312+682	R.H.S
44	VKE-3/PIL/HW/22047	10-Aug-21	DLC Laying & F.D.D Checking	302+570	302+650	L.H.S
45	VKE-3/PIL/HW/22048	10-Aug-21	SG Top. Layer F.D.D Checking	302+580	302+650	L.H.S
46	VKE-3/PIL/HW/22049	10-Aug-21	Geo textile laying	302+580	302+650	L.H.S
47	VKE-3/PIL/HW/22050	10-Aug-21	GSB Top. Layer F.D.D Checking	302+580	302+650	L.H.S



## Highway RFI Summary

Sr. NO.	RFI NO.	Inspection date	Item Description	Chainage		Side
				From	To	
48	VKE-3/PIL/HW/22051	10-Aug-21	Below EMB Top Layer F.D.D mix with Copper / sand	308+960	308+990	R.H.S
49	VKE-3/PIL/HW/22052	10-Aug-21	EMB 17th. Layer F.D.D	312+670	312+682	L.H.S
50	VKE-3/PIL/HW/22053	10-Aug-21	EMB 17th. Layer F.D.D	312+670	312+682	R.H.S
51	VKE-3/PIL/HW/22054	10-Aug-21	EMB 18th. Layer F.D.D	312+670	312+682	L.H.S
52	VKE-3/PIL/HW/22055	10-Aug-21	EMB 18th. Layer F.D.D	312+670	312+682	R.H.S
53	VKE-3/PIL/HW/22056	10-Aug-21	Gsb filter media behind VUP abutment A1 side 17th & 18th layer both side	312+694		
54	VKE-3/PIL/HW/22057	11-Aug-21	DLC Laying & F.D.D Checking	297+320	297+440	L.H.S
55	VKE-3/PIL/HW/22058	11-Aug-21	Geo textile laying	297+330	297+440	L.H.S
56	VKE-3/PIL/HW/22059	11-Aug-21	GSB Top. Layer F.D.D Checking	297+330	297+440	L.H.S
57	VKE-3/PIL/HW/22060	11-Aug-21	EMB 9th. Layer F.D.D	297+500	297+545	R.H.S
58	VKE-3/PIL/HW/22061	11-Aug-21	EMB 9th. Layer F.D.D	297+500	297+545	L.H.S
59	VKE-3/PIL/HW/22062	11-Aug-21	DLC Laying & F.D.D Checking	302+550	302+650	L.H.S
60	VKE-3/PIL/HW/22063	11-Aug-21	GSB Top. Layer F.D.D Checking	302+560	302+650	L.H.S
61	VKE-3/PIL/HW/22064	11-Aug-21	SG Top. Layer F.D.D Checking	302+570	302+640	R.H.S
62	VKE-3/PIL/HW/22065	11-Aug-21	EMB 16th. Layer F.D.D	308+960	308+990	R.H.S
63	VKE-3/PIL/HW/22066	11-Aug-21	EMB 17th. Layer F.D.D	308+970	308+980	L.H.S
64	VKE-3/PIL/HW/22067	11-Aug-21	Back filling with sand material 10th , 11th, & 12th layer behind MNB A1 & A2 side	309+826		
65	VKE-3/PIL/HW/22068	11-Aug-21	EMB 19th. Layer F.D.D	312+670	312+682	L.H.S
66	VKE-3/PIL/HW/22069	11-Aug-21	EMB 19th. Layer F.D.D	312+670	312+682	R.H.S
67	VKE-3/PIL/HW/22070	11-Aug-21	EMB 20th. Layer F.D.D	312+670	312+682	L.H.S
68	VKE-3/PIL/HW/22071	11-Aug-21	EMB 20th. Layer F.D.D	312+670	312+682	R.H.S
69	VKE-3/PIL/HW/22072	11-Aug-21	EMB 21st. Layer F.D.D	312+670	312+682	L.H.S
70	VKE-3/PIL/HW/22073	11-Aug-21	EMB 21st. Layer F.D.D	312+670	312+682	R.H.S
71	VKE-3/PIL/HW/22074	11-Aug-21	Gsb filter media behind VUP abutment A1 side 19th ,20th & 21st layer both side	312+694		
72	VKE-3/PIL/HW/22075	12-Aug-21	Geo textile laying	297+340	297+430	R.H.S
73	VKE-3/PIL/HW/22076	12-Aug-21	GSB Top. Layer F.D.D Checking	297+340	297+430	R.H.S
74	VKE-3/PIL/HW/22077	12-Aug-21	Geo textile laying	302+570	302+640	R.H.S
75	VKE-3/PIL/HW/22078	12-Aug-21	GSB Top. Layer F.D.D Checking	302+570	302+640	R.H.S
76	VKE-3/PIL/HW/22079	12-Aug-21	DLC Laying & F.D.D Checking	302+570	302+640	R.H.S
77	VKE-3/PIL/HW/22080	12-Aug-21	Back filling with sand material 13th,14th,&15th layer behind MNB A1 & A2 side	309+826		
78	VKE-3/PIL/HW/22081	12-Aug-21	Subgrade 1st. Layer F.D.D	300+100	300+180	L.H.S
79	VKE-3/PIL/HW/22082	13-Aug-21	DLC Laying & F.D.D Checking	297+340	297+440	R.H.S
80	VKE-3/PIL/HW/22083	13-Aug-21	DLC Laying & F.D.D Checking	297+360	297+440	L.H.S
81	VKE-3/PIL/HW/22084	13-Aug-21	SG Top. Layer F.D.D Checking	300+100	300+180	L.H.S
82	VKE-3/PIL/HW/22085	13-Aug-21	Subgrade 1st. Layer F.D.D	300+100	300+180	R.H.S
83	VKE-3/PIL/HW/22086	13-Aug-21	EMB 18th. Layer F.D.D	308+960	308+990	L.H.S
84	VKE-3/PIL/HW/22087	13-Aug-21	EMB 17th. Layer F.D.D	308+960	308+990	R.H.S
85	VKE-3/PIL/HW/22088	13-Aug-21	EMB 18th. Layer F.D.D	308+960	308+990	R.H.S
86	VKE-3/PIL/HW/22089	13-Aug-21	Back filling with sand material 16th,17th,&18th layer behind MNB A1 & A2 side	309+826		
87	VKE-3/PIL/HW/22090	13-Aug-21	EMB 22nd. Layer F.D.D	312+670	312+682	L.H.S
88	VKE-3/PIL/HW/22091	13-Aug-21	EMB 22nd. Layer F.D.D	312+670	312+682	R.H.S
89	VKE-3/PIL/HW/22092	13-Aug-21	EMB 23rd. Layer F.D.D	312+670	312+682	L.H.S
90	VKE-3/PIL/HW/22093	13-Aug-21	EMB 23rd. Layer F.D.D	312+670	312+682	R.H.S

## Highway RFI Summary

Sr. NO.	RFI NO.	Inspection date	Item Description	Chainage		Side
				From	To	
91	VKE-3/PIL/HW/22094	13-Aug-21	Gsb filter media behind VUP abutment A1 side 22nd & 23rd layer both side	312+694		
92	VKE-3/PIL/HW/22095	13-Aug-21	EMB 9th. Layer F.D.D	313+580	313+800	R.H.S
93	VKE-3/PIL/HW/22096	14-Aug-21	SG Top. Layer F.D.D Checking	300+100	300+180	L.H.S
94	VKE-3/PIL/HW/22097	14-Aug-21	EMB 19th. Layer F.D.D	308+970	308+990	
95	VKE-3/PIL/HW/22098	14-Aug-21	EMB 19th. Layer F.D.D	308+970	308+990	
96	VKE-3/PIL/HW/22099	14-Aug-21	EMB 24th. Layer F.D.D	312+670	312+682	L.H.S
97	VKE-3/PIL/HW/22100	14-Aug-21	Gsb filter media behind VUP abutment A1 side 24th layer both side	312+694		
98	VKE-3/PIL/HW/22101	14-Aug-21	EMB 10th. Layer F.D.D	313+580	313+800	R.H.S
99	VKE-3/PIL/HW/22102	14-Aug-21	SG Top. Layer F.D.D Checking	300+070	300+180	L.H.S
100	VKE-3/PIL/HW/22103	16-Aug-21	DLC Laying & F.D.D Checking	300+066	300+180	L.H.S
101	VKE-3/PIL/HW/22104	16-Aug-21	Geo textile laying	300+100	300+180	L.H.S
102	VKE-3/PIL/HW/22105	16-Aug-21	GSB Top. Layer F.D.D Checking	300+100	300+180	L.H.S
103	VKE-3/PIL/HW/22106	16-Aug-21	EMB 11th. Layer F.D.D	313+580	313+800	R.H.S
104	VKE-3/PIL/HW/22107	16-Aug-21	DLC Laying & F.D.D Checking	302+570	302+628	R.H.S
105	VKE-3/PIL/HW/22108	16-Aug-21	DLC Laying & F.D.D Checking	302+780	302+850	R.H.S
106	VKE-3/PIL/HW/22109	16-Aug-21	GSB Top. Layer F.D.D Checking	297+360	297+440	L.H.S
107	VKE-3/PIL/HW/22110	16-Aug-21	GSB Top. Layer F.D.D Checking	297+600	297+680	R.H.S
108	VKE-3/PIL/HW/22111	16-Aug-21	GSB Top. Layer F.D.D Checking	300+100	300+180	L.H.S
109	VKE-3/PIL/HW/22112	16-Aug-21	GSB Top. Layer F.D.D Checking	302+570	302+650	L.H.S
110	VKE-3/PIL/HW/22113	16-Aug-21	GSB Top. Layer F.D.D Checking	302+790	302+850	L.H.S
111	VKE-3/PIL/HW/22114	16-Aug-21	GSB Top. Layer F.D.D Checking	302+570	302+640	R.H.S
112	VKE-3/PIL/HW/22115	17-Aug-21	EMB 9th. Layer F.D.D	297+500	297+545	L.H.S
113	VKE-3/PIL/HW/22116	17-Aug-21	EMB 9th. Layer F.D.D	297+500	297+545	R.H.S
114	VKE-3/PIL/HW/22117	17-Aug-21	EMB 17th. Layer F.D.D	298+940	299+065	R.H.S
115	VKE-3/PIL/HW/22118	17-Aug-21	Subgrade 1st. Layer F.D.D	300+100	300+180	R.H.S
116	VKE-3/PIL/HW/22119	17-Aug-21	EMB 24th. Layer F.D.D	312+670	312+682	R.H.S
117	VKE-3/PIL/HW/22120	17-Aug-21	Below EMB Top Layer F.D.D mix with Copper / sand	312+670	312+682	R.H.S
118	VKE-3/PIL/HW/22121	17-Aug-21	Below EMB Top Layer F.D.D mix with Copper / sand	312+670	312+682	L.H.S
119	VKE-3/PIL/HW/22122	17-Aug-21	Gsb filter media behind VUP abutment A1 side 25th layer both side	312+694		
120	VKE-3/PIL/HW/22123	17-Aug-21	EMB 12th. Layer F.D.D	313+580	313+800	R.H.S
121	VKE-3/PIL/HW/22124	17-Aug-21	DLC Laying & F.D.D Checking	297+360	297+435	L.H.S
122	VKE-3/PIL/HW/22125	17-Aug-21	DLC Laying & F.D.D Checking	300+100	300+190	L.H.S
123	VKE-3/PIL/HW/22126	17-Aug-21	DLC Laying & F.D.D Checking	302+570	302+643	L.H.S
124	VKE-3/PIL/HW/22127	17-Aug-21	DLC Laying & F.D.D Checking	302+790	302+990	L.H.S
125	VKE-3/PIL/HW/22128	17-Aug-21	DLC Laying & F.D.D Checking	307+580	307+690	L.H.S
126	VKE-3/PIL/HW/22129	18-Aug-21	Checking of PQC Laying	302+790	303+010	R.H.S
127	VKE-3/PIL/HW/22130	18-Aug-21	Checking of PQC Laying	302+795	303+005	L.H.S
128	VKE-3/PIL/HW/22131	18-Aug-21	EMB 9th. Layer F.D.D	297+500	297+545	L.H.S
129	VKE-3/PIL/HW/22132	18-Aug-21	EMB 9th. Layer F.D.D	297+500	297+545	R.H.S
130	VKE-3/PIL/HW/22133	18-Aug-21	Below EMB Top Layer F.D.D mix with Copper / sand	308+900	308+990	L.H.S
131	VKE-3/PIL/HW/22134	18-Aug-21	EMB 13th. Layer F.D.D	313+580	313+800	R.H.S
132	VKE-3/PIL/HW/22135	19-Aug-21	Checking of PQC Laying	302+470	302+638	L.H.S
133	VKE-3/PIL/HW/22136	23-Aug-21	Checking of PQC Laying	302+550	302+620	R.H.S
134	VKE-3/PIL/HW/22137	24-Aug-21	Checking of PQC Laying	302+795	303+000	L.H.S
135	VKE-3/PIL/HW/22138	24-Aug-21	Checking of PQC Laying	307+543	307+680	L.H.S
136	VKE-3/PIL/HW/22139	24-Aug-21	Checking of PQC Laying	302+790	302+900	R.H.S

## Highway RFI Summary

Sr. NO.	RFI NO.	Inspection date	Item Description	Chainage		Side
				From	To	
137	VKE-3/PIL/HW/22140	24-Aug-21	Checking of PQC Laying	299+780	300+060	R.H.S
138	VKE-3/PIL/HW/22141	24-Aug-21	DLC Laying & F.D.D Checking	299+770	299+870	L.H.S
139	VKE-3/PIL/HW/22142	26-Aug-21	Checking of PQC Laying	299+780	300+060	R.H.S
140	VKE-3/PIL/HW/22143	26-Aug-21	SG Top. Layer F.D.D Checking	300+100	300+180	R.H.S
141	VKE-3/PIL/HW/22144	26-Aug-21	Checking of PQC Laying	300+100	300+180	L.H.S
142	VKE-3/PIL/HW/22145	26-Aug-21	Geo textile laying	300+100	300+180	R.H.S
143	VKE-3/PIL/HW/22146	26-Aug-21	GSB Top. Layer F.D.D Checking	300+100	300+180	R.H.S
144	VKE-3/PIL/HW/22147	26-Aug-21	DLC Laying & F.D.D Checking	300+100	300+180	R.H.S
145	VKE-3/PIL/HW/22148	27-Aug-21	Checking of PQC Laying	300+100	300+180	L.H.S
146	VKE-3/PIL/HW/22149	27-Aug-21	Checking of PQC Laying	307+680	307+701	L.H.S
147	VKE-3/PIL/HW/22150	27-Aug-21	Checking of PQC Laying	307+749	307+761	L.H.S
148	VKE-3/PIL/HW/22151	27-Aug-21	Checking of PQC Laying	307+765	307+780	R.H.S
149	VKE-3/PIL/HW/22152	28-Aug-21	Rain cuts repairing with bench cutting	320+850	321+160	L.H.S
150	VKE-3/PIL/HW/22153	29-Aug-21	Back filling with sand material 19th,& 20th layer behind MNB A1 & A2 side	309+826		
151	VKE-3/PIL/HW/22154	29-Aug-21	Checking of PQC Laying	299+790	300+050	L.H.S
152	VKE-3/PIL/HW/22155	30-Aug-21	Rain cuts repairing with bench cutting	319+750	319+950	R.H.S



Structure RFI Summary

Sr. NO.	RFI NO.	Inspection date	Item Description	Chainage		Side	Unit
				From	To		
1	VKE-3/PIL/STR/17656	1-Aug-21	Checking of Reinforcement and Formwork for median and edge crash barrier	303+220		L.H.S	PUP
2	VKE-3/PIL/STR/17657	1-Aug-21	Pouring M40 grade of concrete for median and edge crash barrier	303+220		L.H.S	PUP
3	VKE-3/PIL/STR/17658	1-Aug-21	Checking of Reinforcement and Formwork for A2 Dirt Wall 1st Lift	302+713		L.H.S	MJB
4	VKE-3/PIL/STR/17659	1-Aug-21	Pouring M35 grade of concrete for A2 Dirt Wall 1st Lift	302+713		L.H.S	MJB
5	VKE-3/PIL/STR/17660	1-Aug-21	Checking of Reinforcement and Formwork for Span A1-P1 Metallic Guided Bearing & A1 end cross girder 2nos	302+713		L.H.S	MJB
6	VKE-3/PIL/STR/17661	1-Aug-21	Pouring M35 grade of concrete for Span A1-P1 Metallic Guided Bearing & A1 end cross girder 2nos	302+713		L.H.S	MJB
7	VKE-3/PIL/STR/17662	1-Aug-21	Checking of Reinforcement and Formwork for A1 Pin Bearing Pedestals	309+840		R.H.S	MIB
8	VKE-3/PIL/STR/17663	1-Aug-21	Pouring M45 grade of concrete for A1 Pin Bearing Pedestals	309+840		R.H.S	MIB
9	VKE-3/PIL/STR/17664	1-Aug-21	Checking of Reinforcement and Formwork for A2 Metallic Bearing Pedestals	309+840		R.H.S	MIB
10	VKE-3/PIL/STR/17665	1-Aug-21	Pouring M45 grade of concrete for A2 Metallic Bearing Pedestals	309+840		R.H.S	MIB
11	VKE-3/PIL/STR/17666	2-Aug-21	Checking of Reinforcement and Formwork for A1 Retaining wall final lift	318+870		L.H.S	MJB
12	VKE-3/PIL/STR/17667	2-Aug-21	Pouring M30 grade of concrete for A1 Retaining wall final lift	318+870		L.H.S	MJB
13	VKE-3/PIL/STR/17668	2-Aug-21	Checking of Reinforcement and Formwork for A1 Retaining wall final lift	318+870		R.H.S	MJB
14	VKE-3/PIL/STR/17669	2-Aug-21	Pouring M30 grade of concrete for A1 Retaining wall final lift	318+870		R.H.S	MJB
15	VKE-3/PIL/STR/17670	2-Aug-21	Checking of Reinforcement and Formwork for A2 Retaining wall 7th lift	318+870		R.H.S	MJB
16	VKE-3/PIL/STR/17671	2-Aug-21	Pouring M30 grade of concrete for A2 Retaining wall 7th lift	318+870		R.H.S	MJB
17	VKE-3/PIL/STR/17672	2-Aug-21	Checking of Reinforcement and Formwork for A2 Retaining wall 6th lift	318+870		L.H.S	MJB
18	VKE-3/PIL/STR/17673	2-Aug-21	Pouring M30 grade of concrete for A2 Retaining wall 6th lift	318+870		L.H.S	MJB
19	VKE-3/PIL/STR/17674	2-Aug-21	Pouring M35 grade of concrete for A2 Dirt Wall 1st Lift	302+713		L.H.S	MJB
20	VKE-3/PIL/STR/17675	2-Aug-21	Checking of Reinforcement and Formwork for Span A1-P1 Metallic Guided Bearing & A1 end cross girder 2nos	302+713		L.H.S	MJB
21	VKE-3/PIL/STR/17676	2-Aug-21	Pouring M35 grade of concrete for Span A1-P1 Metallic Guided Bearing & A1 end cross girder 2nos	302+713		L.H.S	MJB
22	VKE-3/PIL/STR/17677	3-Aug-21	Checking of Reinforcement and Formwork for Retaining wall 1st lift with Anchor Beam	322+748.5	322+751.5	R.H.S	BC
23	VKE-3/PIL/STR/17678	3-Aug-21	Pouring M30 grade of concrete for Retaining wall 1st lift with Anchor Beam	322+748.5	322+751.5	R.H.S	BC
24	VKE-3/PIL/STR/17679	4-Aug-21	Checking of Reinforcement and Formwork for A1 Terminal Slab	303+808		L.H.S	VUP
25	VKE-3/PIL/STR/17680	4-Aug-21	Pouring M40 grade of concrete for A1 Terminal Slab	303+808		L.H.S	VUP
26	VKE-3/PIL/STR/17681	5-Aug-21	Checking of Reinforcement and Formwork for A2 Dirt Wall 1st Lift	313+809		L.H.S	MIB
27	VKE-3/PIL/STR/17682	5-Aug-21	Pouring M35 grade of concrete for A2 Dirt Wall 1st Lift	313+809		L.H.S	MIB
28	VKE-3/PIL/STR/17683	5-Aug-21	Checking of Reinforcement and Formwork for A2 Return Wall 5th Lift	313+809		L.H.S	MIB
29	VKE-3/PIL/STR/17684	5-Aug-21	Pouring M35 grade of concrete for A2 Return Wall 5th Lift	313+809		L.H.S	MIB
30	VKE-3/PIL/STR/17685	5-Aug-21	Checking of Reinforcement and Formwork for A1 Retaining Wall Top Lift	313+809		R.H.S	MIB
31	VKE-3/PIL/STR/17686	5-Aug-21	Pouring M30 grade of concrete for A1 Retaining Wall Top Lift	313+809		R.H.S	MIB
32	VKE-3/PIL/STR/17687	5-Aug-21	Checking of Reinforcement and Formwork for A1 Retaining Wall 4th Lift	310+717		L.H.S	MIB
33	VKE-3/PIL/STR/17688	5-Aug-21	Pouring M35 grade of concrete for A1 Retaining Wall 4th Lift	310+717		L.H.S	MIB
34	VKE-3/PIL/STR/17689	5-Aug-21	Checking of Reinforcement and Formwork for A2 Dirt Wall 1st Lift	302+713		R.H.S	MJB
35	VKE-3/PIL/STR/17690	5-Aug-21	Pouring M35 grade of concrete for A2 Dirt Wall 1st Lift	302+713		R.H.S	MJB
36	VKE-3/PIL/STR/17691	6-Aug-21	Checking of Reinforcement and Formwork for A1 & A2 Median Crash Barrier	304+170			PUP
37	VKE-3/PIL/STR/17692	6-Aug-21	Pouring M40 grade of concrete for A1 & A2 Median Crash Barrier	304+170			PUP
38	VKE-3/PIL/STR/17693	6-Aug-21	Checking of Reinforcement and Formwork for A1 & A2 Median Crash Barrier	304+170			PUP
39	VKE-3/PIL/STR/17694	6-Aug-21	Pouring M40 grade of concrete for A1 & A2 Median Crash Barrier	304+170			PUP
40	VKE-3/PIL/STR/17695	6-Aug-21	Checking of Reinforcement and Formwork for A2 Friction Slab	304+170		R.H.S	PUP
41	VKE-3/PIL/STR/17696	6-Aug-21	Pouring M30 grade of concrete for A2 Friction Slab	304+170		R.H.S	PUP
42	VKE-3/PIL/STR/17697	6-Aug-21	Checking of Reinforcement and Formwork for A2 Approach Slab	307+733		R.H.S	MIB
43	VKE-3/PIL/STR/17698	6-Aug-21	Pouring M30 grade of concrete for A2 Approach Slab	307+733		R.H.S	MIB
44	VKE-3/PIL/STR/17699	6-Aug-21	Pouring M35 grade of concrete for A2 Dirt Wall 1st Lift	302+713		R.H.S	MJB
45	VKE-3/PIL/STR/17700	6-Aug-21	Checking of Reinforcement and Formwork for A1 Retaining wall 7th lift	297+472		L.H.S	MIB
46	VKE-3/PIL/STR/17701	6-Aug-21	Pouring M30 grade of concrete for A1 Retaining wall 7th lift	297+472		L.H.S	MIB
47	VKE-3/PIL/STR/17702	6-Aug-21	Checking of Reinforcement and Formwork for A1 Retaining wall 7th lift	297+472		R.H.S	MIB
48	VKE-3/PIL/STR/17703	6-Aug-21	Pouring M30 grade of concrete for A1 Retaining wall 7th lift	297+472		R.H.S	MIB
49	VKE-3/PIL/STR/17704	6-Aug-21	Checking of Reinforcement and Formwork for A1 & A2 end cross girder	297+472		L.H.S	MIB
50	VKE-3/PIL/STR/17705	6-Aug-21	Pouring M35 grade of concrete for A1 & A2 End cross girder	297+472		L.H.S	MIB
51	VKE-3/PIL/STR/17706	6-Aug-21	Checking of Reinforcement and Formwork for A1 Terminal Slab	295+554		R.H.S	VUP
52	VKE-3/PIL/STR/17707	6-Aug-21	Pouring M40 grade of concrete for A1 Terminal Slab	295+554		R.H.S	VUP
53	VKE-3/PIL/STR/17708	7-Aug-21	Checking of Reinforcement and Formwork for A2 Retaining wall final lift	318+870		L.H.S	MJB
54	VKE-3/PIL/STR/17709	7-Aug-21	Pouring M30 grade of concrete for A2 Retaining wall final lift	318+870		L.H.S	MJB
55	VKE-3/PIL/STR/17710	7-Aug-21	Checking of Reinforcement and Formwork for A2 Retaining wall final lift	318+870		R.H.S	MJB
56	VKE-3/PIL/STR/17711	7-Aug-21	Pouring M30 grade of concrete for A2 Retaining wall final lift	318+870		R.H.S	MJB
57	VKE-3/PIL/STR/17712	7-Aug-21	Checking of Reinforcement and Formwork for A2 Friction Slab	304+170		R.H.S	PUP
58	VKE-3/PIL/STR/17713	7-Aug-21	Pouring M30 grade of concrete for A2 Friction Slab	304+170		R.H.S	PUP
59	VKE-3/PIL/STR/17714	7-Aug-21	Checking of Reinforcement and Formwork for A1 Dirt Wall 1st Lift	313+809		L.H.S	MIB
60	VKE-3/PIL/STR/17715	7-Aug-21	Pouring M35 grade of concrete for A1 Dirt Wall 1st Lift	313+809		L.H.S	MIB
61	VKE-3/PIL/STR/17716	7-Aug-21	Checking of Reinforcement and Formwork for A1 Return Wall 5th Lift	313+809		L.H.S	MIB
62	VKE-3/PIL/STR/17717	7-Aug-21	Pouring M35 grade of concrete for A1 Return Wall 5th Lift	313+809		L.H.S	MIB
63	VKE-3/PIL/STR/17718	7-Aug-21	Checking of Reinforcement and Formwork of span A1-P1 for A1 & A2 metallic guided bearing pedestal	302+713		R.H.S	MJB
64	VKE-3/PIL/STR/17719	7-Aug-21	Pouring M45 grade of concrete of span A1-P1 for A1 & A2 metallic guided bearing pedestal	302+713		R.H.S	MJB
65	VKE-3/PIL/STR/17720	7-Aug-21	Checking of Reinforcement and Formwork of span P1-P2 for P1 Pin bearing pedestal 2nos	302+713		R.H.S	MJB
66	VKE-3/PIL/STR/17721	7-Aug-21	Pouring M45 grade of concrete of span P1-P2 for P1 Pin bearing pedestal 2nos	302+713		R.H.S	MJB
67	VKE-3/PIL/STR/17722	7-Aug-21	Checking of Reinforcement and Formwork of span A1-P1 for intermediate cross girder	302+713		R.H.S	MJB

Structure RFI Summary

Sr. No.	RFI No.	Inspection date	Item Description	Chainage		Side	Unit
				From	To		
68	VKE-3/PIL/STR/17723	7-Aug-21	Pouring M35 grade of concrete of span A1-P1 for intermediate cross girder	302+713		R.H.S	MJB
69	VKE-3/PIL/STR/17724	8-Aug-21	Laying M25 PCC for A2 Terminal Slab	307+733		R.H.S	MIIB
70	VKE-3/PIL/STR/17725	8-Aug-21	Pouring M35 grade of concrete for A2 Anchor Beam	307+733		R.H.S	MIIB
71	VKE-3/PIL/STR/17726	8-Aug-21	Checking of Reinforcement and Formwork for Outer crash barrier	303+808		R.H.S	VUP
72	VKE-3/PIL/STR/17727	8-Aug-21	Pouring M40 grade of concrete for Outer crash barrier	303+808		R.H.S	VUP
73	VKE-3/PIL/STR/17728	8-Aug-21	Checking of Reinforcement and Formwork for span 3&4 End Cross Girder at A1	321+253		R.H.S	MJB
74	VKE-3/PIL/STR/17729	8-Aug-21	Pouring M35 grade of concrete on span 3&4 End Cross Girder at A1	321+253		R.H.S	MJB
75	VKE-3/PIL/STR/17730	8-Aug-21	Checking of Reinforcement and Formwork for span 3&4 End Cross Girder at A2	321+253		R.H.S	MJB
76	VKE-3/PIL/STR/17731	8-Aug-21	Pouring M35 grade of concrete on span 3&4 End Cross Girder at A2	321+253		R.H.S	MJB
77	VKE-3/PIL/STR/17732	10-Aug-21	Checking of Reinforcement and Formwork for Retaining wall final lift	322+810	322+830	R.H.S	Ret. Wall
78	VKE-3/PIL/STR/17733	10-Aug-21	Pouring M30 grade of concrete for Retaining wall final lift	322+810	322+830	R.H.S	Ret. Wall
79	VKE-3/PIL/STR/17734	10-Aug-21	Checking of Reinforcement and Formwork for Retaining wall 6th lift	322+830	322+850	R.H.S	Ret. Wall
80	VKE-3/PIL/STR/17735	10-Aug-21	Pouring M30 grade of concrete for Retaining wall 6th lift	322+830	322+850	R.H.S	Ret. Wall
81	VKE-3/PIL/STR/17736	10-Aug-21	Checking of Reinforcement and Formwork of span A2-P2 for intermediate cross girder	302+713		R.H.S	MJB
82	VKE-3/PIL/STR/17737	10-Aug-21	Pouring M35 grade of concrete of span A2-P2 for intermediate cross girder	302+713		R.H.S	MJB
83	VKE-3/PIL/STR/17738	10-Aug-21	Checking of Reinforcement and Formwork for A2 Retaining wall 4th lift	297+472		L.H.S	MIIB
84	VKE-3/PIL/STR/17739	10-Aug-21	Pouring M30 grade of concrete for A2 Retaining wall 4th lift	297+472		L.H.S	MIIB
85	VKE-3/PIL/STR/17740	10-Aug-21	Checking of Reinforcement and Formwork for A2 Retaining wall 6th lift	297+472		R.H.S	MIIB
86	VKE-3/PIL/STR/17741	10-Aug-21	Pouring M30 grade of concrete for A2 Retaining wall 6th lift	297+472		R.H.S	MIIB
87	VKE-3/PIL/STR/17742	11-Aug-21	Checking Column size, Reinforcement and Formwork for Dormitory Column-1 st lift (43 nos)	306+530		L.H.S	Parking
88	VKE-3/PIL/STR/17743	11-Aug-21	Pouring M30 grade of concrete for Dormitory Column-1 st lift (43 nos)	306+530		L.H.S	Parking
89	VKE-3/PIL/STR/17744	11-Aug-21	Checking Column size, Reinforcement and Formwork for Dhaba-1 st Pile Cap (41 nos)	306+530		L.H.S	Parking
90	VKE-3/PIL/STR/17745	11-Aug-21	Pouring M30 grade of concrete for Dhaba-1 st Pile Cap (41 nos)	306+530		L.H.S	Parking
91	VKE-3/PIL/STR/17746	11-Aug-21	Checking Column size, Reinforcement and Formwork for Dhaba-1 st Ground Beam (77 nos)	306+530		L.H.S	Parking
92	VKE-3/PIL/STR/17747	11-Aug-21	Pouring M30 grade of concrete for Dhaba-1 st Ground Beam (77 nos)	306+530		L.H.S	Parking
93	VKE-3/PIL/STR/17748	11-Aug-21	Checking Column size, Reinforcement and Formwork for Dhaba-1 st Column-1 st lift (41 nos)	306+530		L.H.S	Parking
94	VKE-3/PIL/STR/17749	11-Aug-21	Pouring M30 grade of concrete for Dhaba-1 st Column-1 st lift (41 nos)	306+530		L.H.S	Parking
95	VKE-3/PIL/STR/17750	11-Aug-21	Checking of Reinforcement and Formwork for Outer crash barrier	303+808		L.H.S	VUP
96	VKE-3/PIL/STR/17751	11-Aug-21	Pouring M40 grade of concrete for Outer crash barrier	303+808		L.H.S	VUP
97	VKE-3/PIL/STR/17752	11-Aug-21	Checking of Reinforcement and Formwork for A1 & A2 Median Crash Barrier	303+220		L.H.S	PUP
98	VKE-3/PIL/STR/17753	11-Aug-21	Pouring M40 grade of concrete for A1 & A2 Median Crash Barrier	303+220		L.H.S	PUP
99	VKE-3/PIL/STR/17754	11-Aug-21	Checking of Reinforcement and Formwork for A1 & A2 Median Crash Barrier	303+220		R.H.S	PUP
100	VKE-3/PIL/STR/17755	11-Aug-21	Pouring M40 grade of concrete for A1 & A2 Median Crash Barrier	303+220		R.H.S	PUP
101	VKE-3/PIL/STR/17756	11-Aug-21	Checking of Reinforcement and Formwork of span P3-P4 for end cross girder at P3	293+014		L.H.S	ROB
102	VKE-3/PIL/STR/17757	11-Aug-21	Pouring M35 grade of concrete of span P3-P4 for end cross girder at P3	293+014		L.H.S	ROB
103	VKE-3/PIL/STR/17758	11-Aug-21	Checking of Reinforcement and Formwork for P3 metallic guided bearing pedestal 4 nos	293+014		L.H.S	ROB
104	VKE-3/PIL/STR/17759	11-Aug-21	Pouring M45 grade of concrete for P3 metallic guided bearing pedestal 4 nos	293+014		L.H.S	ROB
105	VKE-3/PIL/STR/17760	11-Aug-21	Checking of Reinforcement and Formwork for P4 metallic guided bearing pedestal 2 nos	293+014		L.H.S	ROB
106	VKE-3/PIL/STR/17761	11-Aug-21	Pouring M45 grade of concrete for P4 metallic guided bearing pedestal 2 nos	293+014		L.H.S	ROB
107	VKE-3/PIL/STR/17762	11-Aug-21	Checking of Reinforcement and Formwork for P4 pin bearing pedestal 2 nos	293+014		L.H.S	ROB
108	VKE-3/PIL/STR/17763	11-Aug-21	Pouring M45 grade of concrete for P4 pin bearing pedestal 2 nos	293+014		L.H.S	ROB
109	VKE-3/PIL/STR/17764	11-Aug-21	Checking of Reinforcement and Formwork for P5 metallic guided bearing pedestal 4 nos	293+014		L.H.S	ROB
110	VKE-3/PIL/STR/17765	11-Aug-21	Pouring M45 grade of concrete for P5 metallic guided bearing pedestal 4 nos	293+014		L.H.S	ROB
111	VKE-3/PIL/STR/17766	11-Aug-21	Checking of Reinforcement and Formwork for A2 Terminal Slab	295+554		R.H.S	VUP
112	VKE-3/PIL/STR/17767	11-Aug-21	Pouring M40 grade of concrete for A2 Terminal Slab	295+554		R.H.S	VUP
113	VKE-3/PIL/STR/17768	11-Aug-21	Checking of Reinforcement and Formwork for Retaining wall final lift	322+810	322+830	R.H.S	Ret. Wall
114	VKE-3/PIL/STR/17769	11-Aug-21	Pouring M30 grade of concrete for Retaining wall final lift	322+810	322+830	R.H.S	Ret. Wall
115	VKE-3/PIL/STR/17770	11-Aug-21	Checking of Reinforcement and Formwork for Retaining wall 6th lift	322+830	322+850	R.H.S	Ret. Wall
116	VKE-3/PIL/STR/17771	11-Aug-21	Pouring M30 grade of concrete for Retaining wall 6th lift	322+830	322+850	R.H.S	Ret. Wall
117	VKE-3/PIL/STR/17772	11-Aug-21	Checking of Reinforcement and Formwork for A2 Dirt Wall, Bracket & Return Wall Top Lift	313+809		L.H.S	MIIB
118	VKE-3/PIL/STR/17773	11-Aug-21	Pouring M35 grade of concrete for A2 Dirt Wall, Bracket & Return Wall Top Lift	313+809		L.H.S	MIIB
119	VKE-3/PIL/STR/17774	11-Aug-21	Checking of Reinforcement and Formwork for span A1-P1 for Deck Slab	302+713		L.H.S	MJB
120	VKE-3/PIL/STR/17775	11-Aug-21	Pouring M35 grade of concrete for span A1-P1 for Deck Slab	302+713		L.H.S	MJB
121	VKE-3/PIL/STR/17776	11-Aug-21	Launching of Girders of Span A1-A2 for Segment-1 PSC Girders G13 to G5	309+074			MJB
122	VKE-3/PIL/STR/17777	11-Aug-21	Launching of Girders of Span A1-A2 for Segment-2 PSC Girders G1 to G11	309+074			MJB
123	VKE-3/PIL/STR/17778	12-Aug-21	Checking of Reinforcement and Formwork for A1 Dirt Wall, Bracket & Return Wall Top Lift	313+809		L.H.S	MIIB
124	VKE-3/PIL/STR/17779	12-Aug-21	Pouring M35 grade of concrete for A1 Dirt Wall, Bracket & Return Wall Top Lift	313+809		L.H.S	MIIB
125	VKE-3/PIL/STR/17780	12-Aug-21	Checking of Reinforcement and Formwork for Dhaba-1 Ground Floor's Roof Slab & Beam (3.60 level)	317+930		R.H.S	Parking
126	VKE-3/PIL/STR/17781	12-Aug-21	Checking of Reinforcement and Formwork for Dhaba-1 Ground Floor's Roof Slab & Beam (3.275 level)	317+930		R.H.S	Parking
127	VKE-3/PIL/STR/17782	12-Aug-21	Checking Column size, Reinforcement and Formwork for Trauma Center Column-1 st lift (35 nos)	306+530		L.H.S	Parking
128	VKE-3/PIL/STR/17783	12-Aug-21	Pouring M30 grade of concrete for Trauma Center Column-1 st lift (35 nos)	306+530		L.H.S	Parking



Structure RFI Summary

Sr. NO.	RFI NO.	Inspection date	Item Description	Chainage		Side	Unit
				From	To		
129	VKE-3/PIL/STR/17784	13-Aug-21	Checking of Anti-Termite Treatment for floor PCC work at Plinth Level for Dormitory & Trauma Center.	306+530		L.H.S	Parking
130	VKE-3/PIL/STR/17785	13-Aug-21	Checking of Reinforcement and Formwork for span A1-P1 for Intermediate Cross Girder.	302+713		R.H.S	MJB
131	VKE-3/PIL/STR/17786	13-Aug-21	Pouring M35 grade of concrete for span A1-P1 for Intermediate Cross Girder.	302+713		R.H.S	MJB
132	VKE-3/PIL/STR/17787	13-Aug-21	Checking of Reinforcement and Formwork for span P1-P2 for Intermediate Cross Girder.	302+713		R.H.S	MJB
133	VKE-3/PIL/STR/17788	13-Aug-21	Pouring M35 grade of concrete for span P1-P2 for Intermediate Cross Girder.	302+713		R.H.S	MJB
134	VKE-3/PIL/STR/17789	13-Aug-21	Checking of Reinforcement and Formwork for Dhaba-1 Ground Floor's Roof Slab & Beam (3.60 & 3.275 level).	317+930		R.H.S	Parking
135	VKE-3/PIL/STR/17790	13-Aug-21	Layout & Fixing 25mm dia conduit pipe, light point, DB, Fan Box and Plug for Dhaba-1 Ground Floor's Roof Slab & Beam (3.60 & 3.275 level).	317+930		R.H.S	Parking
136	VKE-3/PIL/STR/17791	13-Aug-21	Checking of Reinforcement and Formwork for A2 Dirt Wall 1st lift & Return Wall 4th Lift	321+253		R.H.S	MJB
137	VKE-3/PIL/STR/17792	13-Aug-21	Pouring M35 grade of concrete for A2 Dirt Wall 1st lift & Return Wall 4th Lift	321+253		R.H.S	MJB
138	VKE-3/PIL/STR/17793	13-Aug-21	Checking of Reinforcement and Formwork for span A1-P1 for Deck Slab	299+354		L.H.S	FOB
139	VKE-3/PIL/STR/17794	13-Aug-21	Pouring M35 grade of concrete for span A1-P1 for Deck Slab	299+354		L.H.S	FOB
140	VKE-3/PIL/STR/17795	13-Aug-21	Checking of Reinforcement and Formwork for span A1-P1 for Deck Slab.	299+354		R.H.S	FOB
141	VKE-3/PIL/STR/17796	13-Aug-21	Pouring M35 grade of concrete for span A1-P1 for Deck Slab	299+354		R.H.S	FOB
142	VKE-3/PIL/STR/17797	13-Aug-21	Checking of Reinforcement and Formwork for span P1 0-P11 for Intermediate Cross Girder 6 nos.	293+014		R.H.S	ROB
143	VKE-3/PIL/STR/17798	13-Aug-21	Pouring M35 grade of concrete for span P1 0-P11 for Intermediate Cross Girder 6 nos.	293+014		R.H.S	ROB
144	VKE-3/PIL/STR/17799	14-Aug-21	Checking of Reinforcement and Formwork for A2 Terminal Slab	307+733		R.H.S	MIB
145	VKE-3/PIL/STR/17800	14-Aug-21	Pouring M40 grade of concrete for A2 Terminal Slab	307+733		R.H.S	MIB
146	VKE-3/PIL/STR/17801	14-Aug-21	Checking of Reinforcement and Formwork for span A1-P1 Deck Slab	299+354		R.H.S	FOB
147	VKE-3/PIL/STR/17802	14-Aug-21	Pouring M35 grade of concrete for span A1-P1 Deck Slab	299+354		R.H.S	FOB
148	VKE-3/PIL/STR/17803	14-Aug-21	Checking of Reinforcement and Formwork for Median crash barrier	303+808		R.H.S	VUP
149	VKE-3/PIL/STR/17804	14-Aug-21	Pouring M40 grade of concrete for Median crash barrier	303+808		R.H.S	VUP
150	VKE-3/PIL/STR/17805	14-Aug-21	Checking of Reinforcement and Formwork for Dhaba-1 Ground Floor's Roof Slab (3.60 & 3.275 level)	317+930		R.H.S	Parking
151	VKE-3/PIL/STR/17806	14-Aug-21	Pouring M30 grade of concrete for Dhaba-1 Ground Floor's Roof Slab (3.60 & 3.275 level)	317+930		R.H.S	Parking
152	VKE-3/PIL/STR/17807	14-Aug-21	Checking of Reinforcement and Formwork for A2 Dirt Wall 1st lift, Return Wall 4th Lift & Fly Wing Wall 1st Lift	321+253		R.H.S	MJB
153	VKE-3/PIL/STR/17808	14-Aug-21	Pouring M35 grade of concrete for A2 Dirt Wall 1st lift, Return Wall 4th Lift & Fly Wing Wall 1st Lift	321+253		R.H.S	MJB
154	VKE-3/PIL/STR/17809	16-Aug-21	Checking of Reinforcement and Formwork for A1 & A2 Dirt Wall 1st lift & Return Wall 5th Lift	313+809		L.H.S	MIB
155	VKE-3/PIL/STR/17810	16-Aug-21	Pouring M35 grade of concrete for for A1 & A2 Dirt Wall 1st lift & Return Wall 5th Lift	313+809		L.H.S	MIB
156	VKE-3/PIL/STR/17811	16-Aug-21	Checking of Reinforcement and Formwork for A1 & A2 Dirt Wall 1st lift & Return Wall 5th Lift	313+809		R.H.S	MIB
157	VKE-3/PIL/STR/17812	16-Aug-21	Pouring M35 grade of concrete for for A1 & A2 Dirt Wall 1st lift & Return Wall 5th Lift	313+809		R.H.S	MIB
158	VKE-3/PIL/STR/17813	16-Aug-21	Checking of Reinforcement and Formwork for Median crash barrier	303+808		R.H.S	VUP
159	VKE-3/PIL/STR/17814	16-Aug-21	Pouring M40 grade of concrete for Median crash barrier	303+808		R.H.S	VUP
160	VKE-3/PIL/STR/17815	16-Aug-21	Checking of Reinforcement and Formwork for span P1 0-P11 & fixing of metallic guided bearing pedestal 4 nos	293+014		R.H.S	ROB
161	VKE-3/PIL/STR/17816	16-Aug-21	Pouring M45 grade of concrete for span P1 0-P11 & fixing of metallic guided bearing pedestal 4 nos	293+014		R.H.S	ROB
162	VKE-3/PIL/STR/17817	16-Aug-21	Checking of Reinforcement and Formwork for span P11-P12 & fixing of pin bearing pedestal 2 nos	293+014		R.H.S	ROB
163	VKE-3/PIL/STR/17818	16-Aug-21	Pouring M45 grade of concrete for span P11-P12 & fixing of pin bearing pedestal 2 nos	293+014		R.H.S	ROB
164	VKE-3/PIL/STR/17819	17-Aug-21	Checking of Reinforcement and Formwork of End cross girder span P1 0-P11	293+014		R.H.S	ROB
165	VKE-3/PIL/STR/17820	17-Aug-21	Pouring M35 grade of concrete of End cross girder span P1 0-P11	293+014		R.H.S	ROB
166	VKE-3/PIL/STR/17821	17-Aug-21	Checking of Reinforcement and Formwork for span P1 0-P11 for Intermediate Cross Girder 6 nos.	293+014		R.H.S	ROB
167	VKE-3/PIL/STR/17822	17-Aug-21	Pouring M35 grade of concrete for span P1 0-P11 for Intermediate Cross Girder 6 nos.	293+014		R.H.S	ROB
168	VKE-3/PIL/STR/17823	17-Aug-21	Checking of Reinforcement and Formwork for span P11-P12 & fixing of metallic guided bearing (4 Nos) Pier Cap- P-12	293+014		R.H.S	ROB
169	VKE-3/PIL/STR/17824	17-Aug-21	Pouring M45 grade of concrete for span P11-P12 & fixing of metallic guided bearing (4 Nos) Pier Cap- P-12	293+014		R.H.S	ROB
170	VKE-3/PIL/STR/17825	17-Aug-21	Checking of Reinforcement and Formwork for span P12-P13 & fixing of metallic guided bearing (4 Nos) Pier Cap- P-12	293+014		R.H.S	ROB
171	VKE-3/PIL/STR/17826	17-Aug-21	Pouring M45 grade of concrete for span P12-P13 & fixing of metallic guided bearing (4 Nos) Pier Cap- P-12	293+014		R.H.S	ROB
172	VKE-3/PIL/STR/17827	17-Aug-21	Checking of Reinforcement and Formwork for Cross girder for metallic guided bearing Span P1 0-P11 (2 nos) at P-10	293+014		R.H.S	ROB
173	VKE-3/PIL/STR/17828	17-Aug-21	Pouring M35 grade of concrete for Cross girder for metallic guided bearing Span P1 0-P11 (2 nos) at P-10	293+014		R.H.S	ROB
174	VKE-3/PIL/STR/17829	17-Aug-21	Checking of Reinforcement and Formwork of End cross girder span P4-P5 (4 Nos.)	293+014		L.H.S	ROB
175	VKE-3/PIL/STR/17830	17-Aug-21	Pouring M35 grade of concrete of End cross girder span P4-P5 (4 Nos.)	293+014		L.H.S	ROB



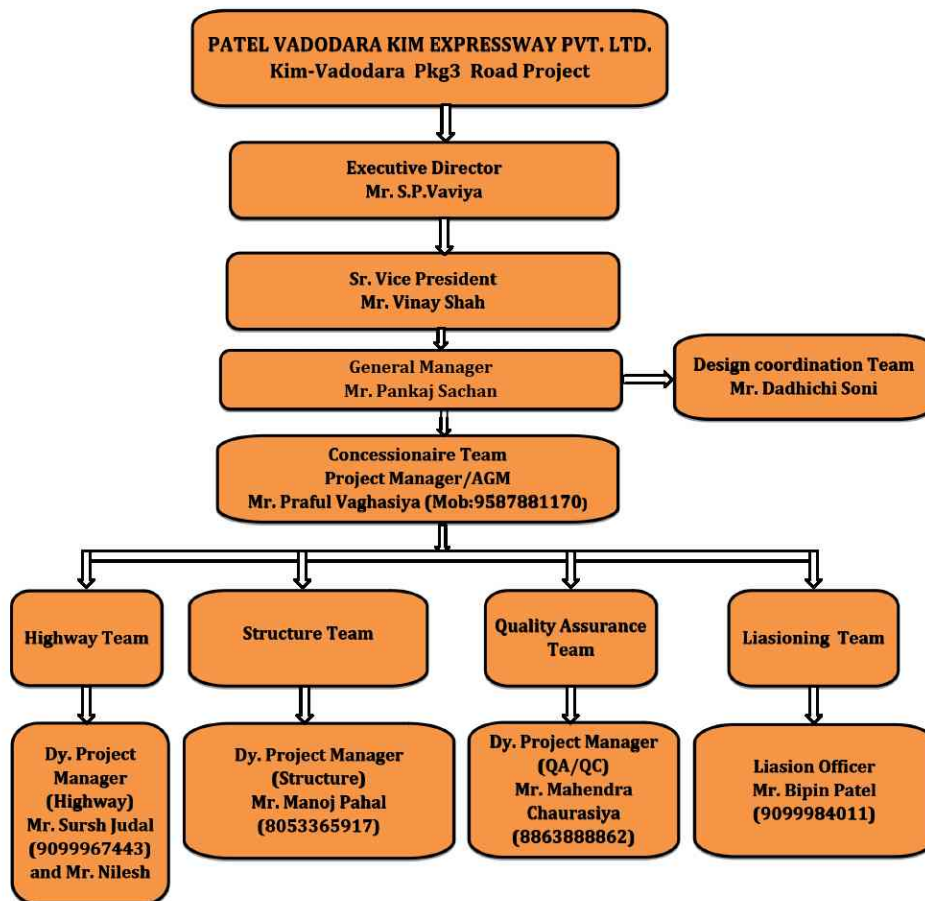
Structure RFI Summary

Sr. NO.	RFI NO.	Inspection date	Item Description	Chainage		Side	Unit
				From	To		
176	VKE-3/PIL/STR/17831	17-Aug-21	Checking of Reinforcement and Formwork for End Cross girder Metallic Bearing P1-P2 Span (2 Nos)	299+354		L.H.S	FOB
177	VKE-3/PIL/STR/17832	17-Aug-21	Pouring M35 grade of concrete for End Cross girder Metallic Bearing P1-P2 Span (2 Nos)	299+354		L.H.S	FOB
178	VKE-3/PIL/STR/17833	17-Aug-21	Checking of Reinforcement and Formwork for End Cross girder Metallic Bearing P2-A2 Span (4 Nos)	299+354		L.H.S	FOB
179	VKE-3/PIL/STR/17834	17-Aug-21	Pouring M35 grade of concrete for End Cross girder Metallic Bearing P2-A2 Span (4 Nos)	299+354		L.H.S	FOB
180	VKE-3/PIL/STR/17835	17-Aug-21	Laying M25 PCC for A1 & A2 Approach Slab	295+554		L.H.S	VUP
181	VKE-3/PIL/STR/17836	18-Aug-21	Checking of Reinforcement and Formwork for span P11-P12 for Intermediate Cross Girder 6 nos.	293+014		R.H.S	ROB
182	VKE-3/PIL/STR/17837	18-Aug-21	Pouring M35 grade of concrete for span P11-P12 for Intermediate Cross Girder 6 nos.	293+014		R.H.S	ROB
183	VKE-3/PIL/STR/17838	18-Aug-21	Checking of Reinforcement and Formwork of End cross girder span P11-P12 (4 Nos.) at P-11	293+014		R.H.S	ROB
184	VKE-3/PIL/STR/17839	18-Aug-21	Pouring M35 grade of concrete of End cross girder span P11-P12 (4 Nos.) at P-11	293+014		R.H.S	ROB
185	VKE-3/PIL/STR/17840	18-Aug-21	Checking of Reinforcement and Formwork for fixing of metallic guided bearing (4 Nos) Pier Cap- P-13	293+014		R.H.S	ROB
186	VKE-3/PIL/STR/17841	18-Aug-21	Pouring M45 grade of concrete for fixing of metallic guided bearing (4 Nos) Pier Cap- P-13	293+014		R.H.S	ROB
187	VKE-3/PIL/STR/17842	18-Aug-21	Checking of Anti-Termite Treatment for floor PCC work at Plinth Level for Dormitory	317+930		R.H.S	Parking
188	VKE-3/PIL/STR/17843	19-Aug-21	Checking of Reinforcement and Formwork for span P4-P5 for Intermediate Cross Girder 6 nos.	293+014		L.H.S	ROB
189	VKE-3/PIL/STR/17844	19-Aug-21	Pouring M35 grade of concrete for span P4-P5 for Intermediate Cross Girder 6 nos.	293+014		L.H.S	ROB
190	VKE-3/PIL/STR/17845	23-Aug-21	Friction slab A2 checking and shuttering	304+170		L.H.S	
191	VKE-3/PIL/STR/17846	23-Aug-21	Pouring M40 grade of concrete for Friction slab A2 checking and shuttering	304+170		L.H.S	
192	VKE-3/PIL/STR/17847	23-Aug-21	Checking of Reinforcement and Shuttering for Dirt Wall top lift, bracket and return wall top lift	313+809		R.H.S	
193	VKE-3/PIL/STR/17848	23-Aug-21	Pouring M435 grade of concrete	313+809		R.H.S	
194	VKE-3/PIL/STR/17849	#REF!	Concrete pouring M35 grade for end cross girder at P11 end for RP11-12	293+014			
195	VKE-3/PIL/STR/17850	24-Aug-21	Concrete pouring M35 grade for Intermediate cross girder 6nos. For RP11-12	293+014			
196	VKE-3/PIL/STR/17851	24-Aug-21	Checking of Reinforcement and Shuttering, Metallic guided bearing fixing for pedestal 4nos at RP13 pier cap	293+014			
197	VKE-3/PIL/STR/17852	24-Aug-21	Pouring M45 grade of concrete	293+014			
198	VKE-3/PIL/STR/17853	24-Aug-21	Checking of Reinforcement and Shuttering, end cross girder at Metallic guided bearing 4nos for RP11-12	293+014			
199	VKE-3/PIL/STR/17854	24-Aug-21	Pouring M35 grade of concrete	293+014			
200	VKE-3/PIL/STR/17855	24-Aug-21	Concrete pouring M35 grade for intermediate cross girder 6nos for LP4-5	293+014			
201	VKE-3/PIL/STR/17856	24-Aug-21	Checking of Reinforcement and Shuttering for intermediate cross girder 6nos for RP11-12	293+014			
202	VKE-3/PIL/STR/17857	24-Aug-21	Pouring M35 grade of concrete	293+014			
203	VKE-3/PIL/STR/17858	24-Aug-21	Checking of anti termite treatment for floor pcc work at plinth level ( parking area building dormitory )	317+930			
204	VKE-3/PIL/STR/17859	24-Aug-21	Checking of Reinforcement and Shuttering, pup A1 & A2 bottom hunch	322+550			
205	VKE-3/PIL/STR/17860	24-Aug-21	Pouring M35 grade of concrete	322+550			
206	VKE-3/PIL/STR/17861	24-Aug-21	Checking of Reinforcement and Shuttering for Retaining wall	322+748	322+770		
207	VKE-3/PIL/STR/17862	24-Aug-21	Pouring M30 grade of concrete	322+748	322+770		
208	VKE-3/PIL/STR/17863	24-Aug-21	Checking of Reinforcement and Shuttering for Retaining wall	322+790	322+810		
209	VKE-3/PIL/STR/17864	24-Aug-21	Pouring M30 grade of concrete	322+790	322+810		
210	VKE-3/PIL/STR/17865	24-Aug-21	Checking of Reinforcement and Shuttering MJB A1 span A1 P1	321+253			
211	VKE-3/PIL/STR/17866	24-Aug-21	Pouring M40 grade of concrete	321+253			
212	VKE-3/PIL/STR/17867	24-Aug-21	Checking of Reinforcement and Shuttering friction slab A2	304+170			
213	VKE-3/PIL/STR/17868	24-Aug-21	Pouring M40 grade of concrete	304+170			
214	VKE-3/PIL/STR/17869	24-Aug-21	Checking of Reinforcement and Shuttering MJB-A2 Dirt wall, return wall & cantilever retaining wall final lift.	321+253			
215	VKE-3/PIL/STR/17870	24-Aug-21	Pouring M35 grade of concrete	321+253			
216	VKE-3/PIL/STR/17871	25-Aug-21	Checking of Reinforcement and Shuttering friction slab (cross barrier A2)	304+170		R.H.S	MJB
217	VKE-3/PIL/STR/17872	25-Aug-21	Pouring M40 grade of concrete	304+170		R.H.S	MJB
218	VKE-3/PIL/STR/17873	25-Aug-21	Laying M25 pcc for MBCB Shoulder	300+500	300+550	R.H.S	MBCB
219	VKE-3/PIL/STR/17874	25-Aug-21	Laying M25 pcc for MBCB Shoulder	300+500	300+550	L.H.S	MBCB
220	VKE-3/PIL/STR/17875	25-Aug-21	Checking of Reinforcement and Shuttering Dirt wall, Return wall & cantilever retaining wall final lift A2 side	321+253		R.H.S	MJB
221	VKE-3/PIL/STR/17876	25-Aug-21	Pouring M35 grade of concrete	321+253		R.H.S	MJB
222	VKE-3/PIL/STR/17877	26-Aug-21	Checking of Reinforcement and Shuttering for end Cross girder at metallic guided bearing 4 nos. for RP11-12	293+014			ROB
223	VKE-3/PIL/STR/17878	26-Aug-21	Pouring M35 grade of concrete FOR End Cross girder at metallic guided bearing 4 nos. for RP11-12	293+014			ROB
224	VKE-3/PIL/STR/17879	26-Aug-21	Checking of Reinforcement and Shuttering A1 & A2 wall 1st lift	322+550		L.H.S	PUP
225	VKE-3/PIL/STR/17880	26-Aug-21	Pouring M35 grade of concrete FOR A1 & A2 wall 1st lift	322+550		L.H.S	PUP
226	VKE-3/PIL/STR/17881	26-Aug-21	Checking of Reinforcement and Shuttering for Retaining wall 7th lift	322+830	322+850	R.H.S	
227	VKE-3/PIL/STR/17882	26-Aug-21	Pouring M30 grade of concrete FOR Retaining wall 7th lift	322+830	322+850	R.H.S	
228	VKE-3/PIL/STR/17883	26-Aug-21	Checking of Reinforcement and Shuttering friction slab (cross barrier A2)	304+170		L.H.S	pup
229	VKE-3/PIL/STR/17884	26-Aug-21	Pouring M40 grade of concrete friction slab for (cross barrier A2)	304+170		L.H.S	pup
230	VKE-3/PIL/STR/17885	26-Aug-21	Checking of Reinforcement and Shuttering A1 dirt wall 1st lift	302+713		R.H.S	

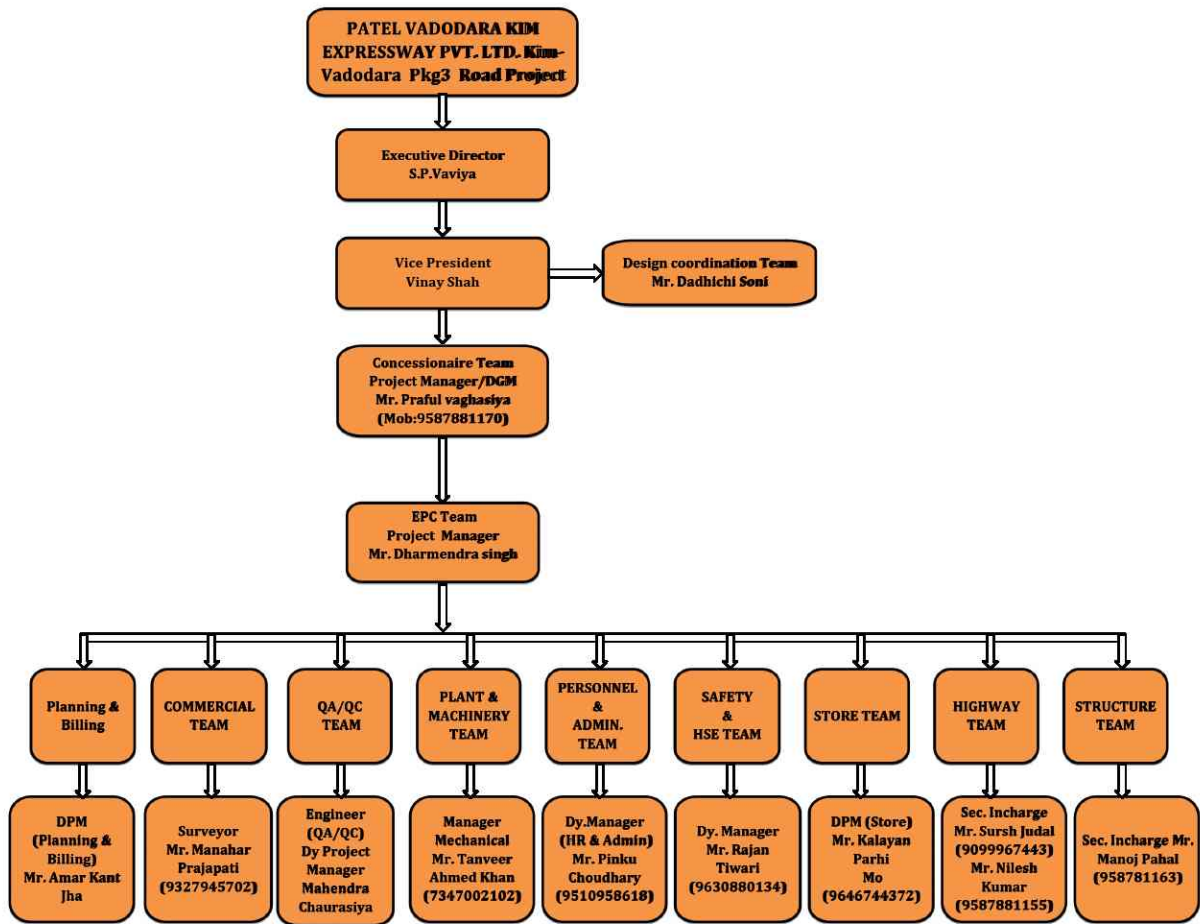
Structure RFI Summary

Sr. NO.	RFI NO.	Inspection date	Item Description	Chainage		Side	Unit
				From	To		
231	VKE-3/PIL/STR/17886	26-Aug-21	Pouring M35 grade of concrete FOR A1 dirt wall 1st lift	302+713		R.H.S	
232	VKE-3/PIL/STR/17887	26-Aug-21	Checking of Reinforcement and Shuttering for End cross girder P11-12 At P12 End	293+014		R.H.S	ROB
233	VKE-3/PIL/STR/17888	26-Aug-21	Pouring M35 grade of concrete FOR End cross girder P11-12 At P12 End	293+014		R.H.S	ROB
234	VKE-3/PIL/STR/17889	27-Aug-21	Checking of Reinforcement and Formwork for Median crash barrier A1 & A2	303+808		R.H.S	VUP
235	VKE-3/PIL/STR/17890	27-Aug-21	Pouring M40 grade of concrete for Median crash barrier A1 & A2	303+808		R.H.S	VUP
236	VKE-3/PIL/STR/17891	27-Aug-21	Checking of Reinforcement and Formwork for Median crash barrier A1 & A2	303+808		L.H.S	VUP
237	VKE-3/PIL/STR/17892	27-Aug-21	Pouring M40 grade of concrete for Median crash barrier A1 & A2	303+808		L.H.S	VUP
238	VKE-3/PIL/STR/17893	27-Aug-21	Checking of Reinforcement and Shuttering for crash barrier A1 span- (P1-A2)	321+253		L.H.S	MJB
239	VKE-3/PIL/STR/17894	27-Aug-21	Pouring M40 grade of concrete for crash barrier A1 span- (P1-A2)	321+253		L.H.S	MJB
240	VKE-3/PIL/STR/17895	27-Aug-21	Checking of Reinforcement and Formwork for Median Wall 6th Lift A1 & A2	313+809			MIB
241	VKE-3/PIL/STR/17896	27-Aug-21	Pouring M30 grade of concrete for Median Wall 6th Lift A1 & A2	313+809			MIB
242	VKE-3/PIL/STR/17897	27-Aug-21	Checking of Reinforcement and Formwork for End Cross Girder P-12 span-(P12-P13)	293+014		R.H.S	ROB
243	VKE-3/PIL/STR/17898	27-Aug-21	Pouring M35 grade of concrete for for End Cross Girder P-12 span-(P12-P13)	293+014		R.H.S	ROB
244	VKE-3/PIL/STR/17899	27-Aug-21	Checking of Reinforcement and Formwork for Intermediate Cross Girder span-(P12-P13)	293+014		R.H.S	ROB
245	VKE-3/PIL/STR/17900	27-Aug-21	Pouring M35 grade of concrete for Intermediate Cross Girder span-(P12-P13)	293+014		R.H.S	ROB
246	VKE-3/PIL/STR/17901	27-Aug-21	Checking of Reinforcement and Formwork for End Cross Girder fixing of metallic bearing (2 Nos) Pier Cap- P3 span-(P3P4)	293+014		L.H.S	ROB
247	VKE-3/PIL/STR/17902	27-Aug-21	Pouring M35 grade of concrete for End Cross Girder fixing of metallic bearing (2 Nos) Pier Cap- P3 span-(P3P4)	293+014		L.H.S	ROB
248	VKE-3/PIL/STR/17903	28-Aug-21	Laying M25 PCC for A2 Approach Slab	302+713		L.H.S	MJB
249	VKE-3/PIL/STR/17904	28-Aug-21	Checking of Reinforcement and Formwork for Median Wall Final Lift A1 & A2	313+809			MIB
250	VKE-3/PIL/STR/17905	28-Aug-21	Pouring M30 grade of concrete for Median Wall Final Lift A1 & A2	313+809			MIB
251	VKE-3/PIL/STR/17906	28-Aug-21	Checking of Reinforcement and Formwork for Intermediate Cross Girder span-(P4-P5)	293+014		L.H.S	ROB
252	VKE-3/PIL/STR/17907	28-Aug-21	Pouring M35 grade of concrete for Intermediate Cross Girder span-(P4-P5)	293+014		L.H.S	ROB
253	VKE-3/PIL/STR/17908	28-Aug-21	Checking of Reinforcement and Formwork for End Cross Girder span- (P1-A1)	302+713		R.H.S	MJB
254	VKE-3/PIL/STR/17909	28-Aug-21	Pouring M35 grade of concrete for End Cross Girder span- (P1-A1)	302+713		R.H.S	MJB
255	VKE-3/PIL/STR/17910	28-Aug-21	Checking of Reinforcement and Formwork for End Cross Girder span- (P1-P2)	302+713		R.H.S	MJB
256	VKE-3/PIL/STR/17911	28-Aug-21	Pouring M35 grade of concrete for End Cross Girder span- (P1-P2)	302+713		R.H.S	MJB
257	VKE-3/PIL/STR/17912	28-Aug-21	Checking of Reinforcement and Formwork for span P2-A2 for Deck Slab	299+354		L.H.S	FOB
258	VKE-3/PIL/STR/17913	28-Aug-21	Pouring M35 grade of concrete for span P2-A2 for Deck Slab	299+354		L.H.S	FOB
259	VKE-3/PIL/STR/17914	29-Aug-21	Checking of Reinforcement and Shuttering OTS U-type structure wall 2nd lift A1 & A2	322+550		L.H.S	PUP
260	VKE-3/PIL/STR/17915	29-Aug-21	Pouring M35 grade of concrete for OTS U-type structure wall 2nd lift A1 & A2	322+550		L.H.S	PUP
261	VKE-3/PIL/STR/17916	29-Aug-21	Checking of Reinforcement and Formwork for Retaining wall 5th lift	322+749	322+770	R.H.S	Ret.Wall
262	VKE-3/PIL/STR/17917	29-Aug-21	Pouring M30 grade of concrete for Retaining wall 5th lift	322+749	322+770	R.H.S	Ret.Wall
263	VKE-3/PIL/STR/17918	29-Aug-21	Checking of Reinforcement and Formwork for End Cross Girder P-13 span-(P12-P13)	293+014		R.H.S	ROB
264	VKE-3/PIL/STR/17919	29-Aug-21	Pouring M35 grade of concrete for for End Cross Girder P-13 span-(P12-P13)	293+014		R.H.S	ROB
265	VKE-3/PIL/STR/17920	29-Aug-21	Checking of Reinforcement and Formwork for Intermediate Cross Girder span-(P12-P13)	293+014		R.H.S	ROB
266	VKE-3/PIL/STR/17921	29-Aug-21	Pouring M35 grade of concrete for Intermediate Cross Girder span-(P12-P13)	293+014		R.H.S	ROB
267	VKE-3/PIL/STR/17922	29-Aug-21	Checking of Reinforcement and Formwork for End Cross Girder pin bearing (2 Nos) P11 span-(P11-P12)	293+014		R.H.S	ROB
268	VKE-3/PIL/STR/17923	29-Aug-21	Pouring M35 grade of concrete for End Cross Girder pin bearing (2 Nos) P11 span-(P11-P12)	293+014		R.H.S	ROB
269	VKE-3/PIL/STR/17924	29-Aug-21	Checking of Reinforcement and Formwork for End Cross Girder span- (A2-P2)	302+713		R.H.S	MJB
270	VKE-3/PIL/STR/17925	29-Aug-21	Pouring M35 grade of concrete for End Cross Girder span- (A2-P2)	302+713		R.H.S	MJB
271	VKE-3/PIL/STR/17926	29-Aug-21	Checking of Reinforcement and Formwork for End Cross Girder metallic bearing (4 Nos) Pier Cap- P3 span-(P3P4)	293+014		L.H.S	ROB
272	VKE-3/PIL/STR/17927	29-Aug-21	Pouring M35 grade of concrete for End Cross Girder metallic bearing (4 Nos) Pier Cap- P3 span-(P3P4)	293+014		L.H.S	ROB
273	VKE-3/PIL/STR/17928	31-Aug-21	Checking of Reinforcement and Formwork for Retaining wall Final lift	322+749	322+770	R.H.S	Ret.Wall
274	VKE-3/PIL/STR/17929	31-Aug-21	Pouring M30 grade of concrete for Retaining wall Final lift	322+749	322+770	R.H.S	Ret.Wall
275	VKE-3/PIL/STR/17930	31-Aug-21	Checking of Reinforcement and Formwork for Retaining wall Final lift	322+790	322+810	R.H.S	Ret.Wall
276	VKE-3/PIL/STR/17931	31-Aug-21	Pouring M30 grade of concrete for Retaining wall Final lift	322+790	322+810	R.H.S	Ret.Wall
277	VKE-3/PIL/STR/17932	31-Aug-21	Checking of Reinforcement and Formwork for Retaining wall Final lift	322+830	322+850	R.H.S	Ret.Wall
278	VKE-3/PIL/STR/17933	31-Aug-21	Pouring M30 grade of concrete for Retaining wall Final lift	322+830	322+850	R.H.S	Ret.Wall
279	VKE-3/PIL/STR/17934	31-Aug-21	Checking of Reinforcement and Formwork for Friction Slab A1 & A2	315+850		L.H.S	PUP
280	VKE-3/PIL/STR/17935	31-Aug-21	Pouring M40 grade of concrete for Friction Slab A1 & A2	315+850		L.H.S	PUP
281	VKE-3/PIL/STR/17936	31-Aug-21	Checking of Reinforcement and Formwork for Approach Slab A2	302+713		L.H.S	MJB
282	VKE-3/PIL/STR/17937	31-Aug-21	Pouring M30 grade of concrete for Approach Slab A2	302+713		L.H.S	MJB

## Project Organization Chart- Concessionaire



## Project Organization Chart- EPC Team





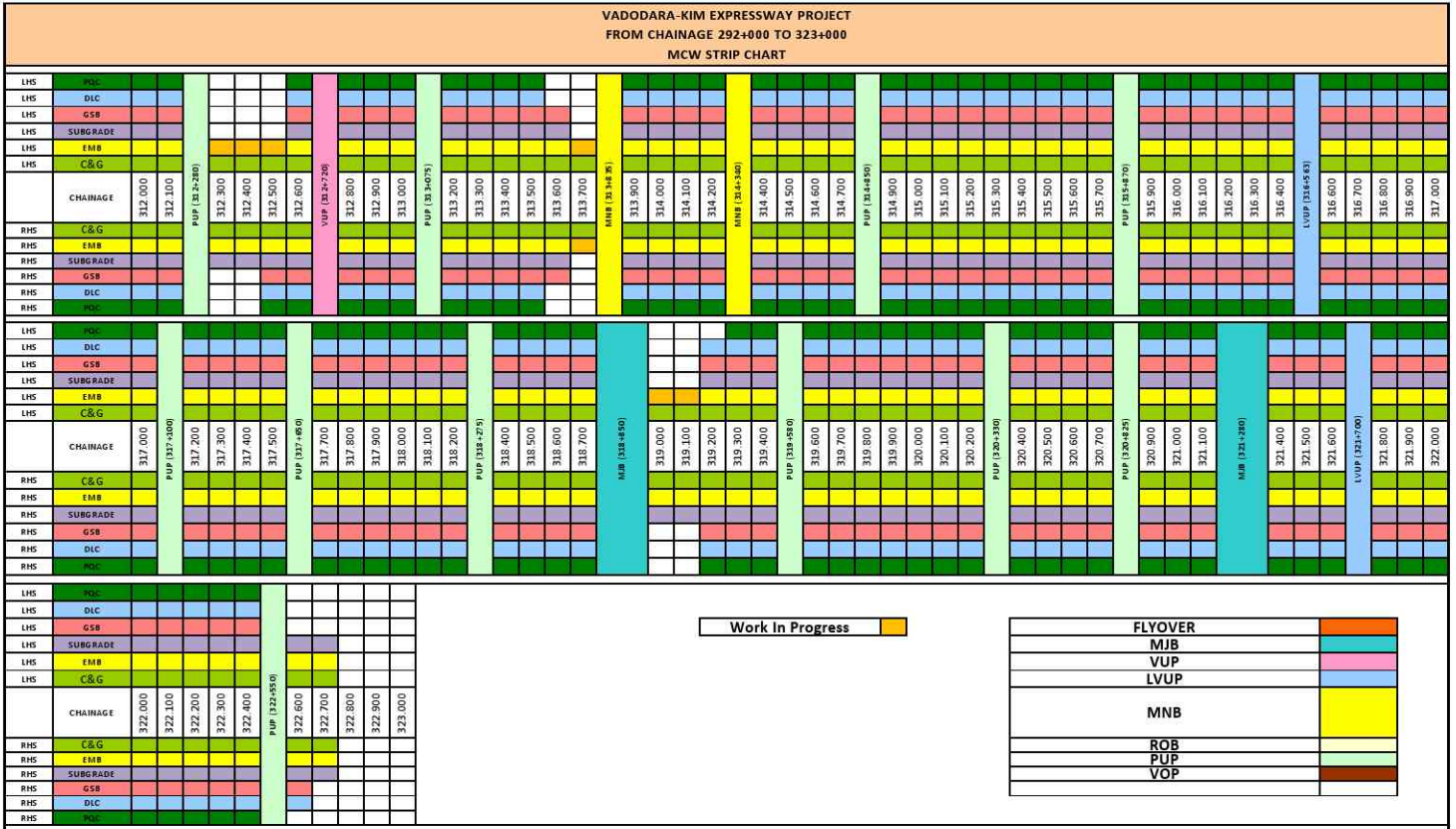
Vadodara Kim Express Way Package - III (Sampa to Manubar) (Km 292.000 to Km 323.000) as on 31.08.2021

307.000	304.000	301.000	298.000	295.000	292.000
307.050	304.050	301.050	298.050	295.050	292.050
307.100	304.100	301.100	298.100	295.100	292.100
307.150	304.150	301.150	298.150	295.150	292.150
307.200	304.200	301.200	298.200	295.200	292.200
307.250	304.250	301.250	298.250	295.250	292.250
307.300	304.300	301.300	298.300	295.300	292.300
307.350	304.350	301.350	298.350	295.350	292.350
307.400	304.400	301.400	298.400	295.400	292.400
307.450	304.450	301.450	298.450	295.450	292.450
307.500	304.500	301.500	298.500	295.500	292.500
307.550	304.550	301.550	298.550	295.550	292.550
307.600	304.600	301.600	298.600	295.600	292.600
307.650	304.650	301.650	298.650	295.650	292.650
307.700	304.700	301.700	298.700	295.700	292.700
307.750	304.750	301.750	298.750	295.750	292.750
307.800	304.800	301.800	298.800	295.800	292.800
307.850	304.850	301.850	298.850	295.850	292.850
307.900	304.900	301.900	298.900	295.900	292.900
308.000	305.000	302.000	299.000	296.000	293.000
308.050	305.050	302.050	299.050	296.050	293.050
308.100	305.100	302.100	299.100	296.100	293.100
308.150	305.150	302.150	299.150	296.150	293.150
308.200	305.200	302.200	299.200	296.200	293.200
308.250	305.250	302.250	299.250	296.250	293.250
308.300	305.300	302.300	299.300	296.300	293.300
308.350	305.350	302.350	299.350	296.350	293.350
308.400	305.400	302.400	299.400	296.400	293.400
308.450	305.450	302.450	299.450	296.450	293.450
308.500	305.500	302.500	299.500	296.500	293.500
308.550	305.550	302.550	299.550	296.550	293.550
308.600	305.600	302.600	299.600	296.600	293.600
308.650	305.650	302.650	299.650	296.650	293.650
308.700	305.700	302.700	299.700	296.700	293.700
308.750	305.750	302.750	299.750	296.750	293.750
308.800	305.800	302.800	299.800	296.800	293.800
308.850	305.850	302.850	299.850	296.850	293.850
308.900	305.900	302.900	299.900	296.900	293.900
308.950	305.950	302.950	299.950	296.950	293.950
309.000	306.000	303.000	300.000	297.000	294.000
309.050	306.050	303.050	300.050	297.050	294.050
309.100	306.100	303.100	300.100	297.100	294.100
309.150	306.150	303.150	300.150	297.150	294.150
309.200	306.200	303.200	300.200	297.200	294.200
309.250	306.250	303.250	300.250	297.250	294.250
309.300	306.300	303.300	300.300	297.300	294.300
309.350	306.350	303.350	300.350	297.350	294.350
309.400	306.400	303.400	300.400	297.400	294.400
309.450	306.450	303.450	300.450	297.450	294.450
309.500	306.500	303.500	300.500	297.500	294.500
309.550	306.550	303.550	300.550	297.550	294.550
309.600	306.600	303.600	300.600	297.600	294.600
309.650	306.650	303.650	300.650	297.650	294.650
309.700	306.700	303.700	300.700	297.700	294.700
309.750	306.750	303.750	300.750	297.750	294.750
309.800	306.800	303.800	300.800	297.800	294.800
309.850	306.850	303.850	300.850	297.850	294.850
309.900	306.900	303.900	300.900	297.900	294.900
309.950	306.950	303.950	300.950	297.950	294.950
310.000	307.000	304.000	301.000	298.000	295.000









CONSTRUCTION OF EIGHT LANE VADODARA KIM EXPRESSWAY																						
PKG III (From Km 292.00 To Km 323.00)																						
ROB																						
With Min. 5.5m Vertical Clearance from Cross Road & 8.325m from Railway Track																						
LHS											RHS											
Super structure					Sub Structure (Abtmt/Pier Cap)			Foundation (Pile Cap)			Ch: 293+014 (17 spans) 6x30 +1x24.6 +2x8.7 to 30 +1x38 +1x44 +1x33.75 +5x33	Foundation (Pile Cap)		Sub Structure (Abtmt/Pier Cap)			Super structure					
Completed					Completed			Scope			Scope		Completed			Completed						
Crash Barrier	Exp Joint	Slab	Cross Girder	Girder Erectio	Scope		Pedestals	Cap	Scope	Completed	Scope	Scope	Completed	Scope	Cap	Pedestals	Scope	Girder Erectio	Cross Girder	Slab	Exp Joint	Crash Barrier
		1		7	A1-P1	1		1	1	1	1	A1	1	1	1	1	1	A1-P1	7		1	
		1		7	P1-P2	1		1	1	1	1	P1	1	1	1	1	1	P1-P2	7		1	
		1		7	P2-P3	1		1	1	1	1	P2	1	1	1	1	1	P2-P3	7		1	
				7	P3-P4	1		1	1	1	1	P3	1	1	1	1	1	P3-P4	7			
				7	P4-P5	1		1	1	1	1	P4	1	1	1	1	1	P4-P5	7			
				7	P5-P6	1		1	1	1	1	P5	1	1	1	1	1	P5-P6	7			
					P6-P6a	1		1	1	1	1	P6	1	1	1	1	1	P6-P7				
					P6a-P7	1		1	1	1	1	P6a	1									
					P7-P8	1			1	1	1	P7	1	1	1							
					P8-P9	1			1	1	1	P8	1	1	1							
					P9-P10	1			1	1	1	P9	1	1	1							
														P9a	1	1	1	1				
				7	P10-P11	1		1	1	1	1	P10	1	1	1	1	1	P10-P11	7			
				7	P11-P12	1		1	1	1	1	P11	1	1	1	1	1	P11-P12	7			
				7	P12-P13	1		1	1	1	1	P12	1	1	1	1	1	P12-P13	7			
				7	P13-P14	1		1	1	1	1	P13	1	1	1	1	1	P13-P14	7			
					P14-P15	1		1	1	1	1	P14	1	1	1	1	1	P14-P15	7			
					P15-A2	1		1	1	1	1	A2	1	1	1	1	1	P15-A2				
				70		17		15	18	18	18		18	18	18	15	0	17		84		

CONSTRUCTION OF EIGHT LANE VADODARA KIM EXPRESSWAY																						
PKG III (From Km 292.00 To Km 323.00)																						
Major Bridges (Total 3 nos.)																						
LHS											RHS											
Super Structure					Sub Structure			Foundation (Pile Cap/ Open)			Chainage	Foundation (Pile Cap/ Open)		Sub Structure			Super Structure					
Completed					Completed			Scope	Completed	Scope		Scope	Completed		Completed							
Crash Barrier	Exp Joint	Slab	Span	Cross Girder	Main Girder	Pedestals	Cap						Completed	Scope	Scope	Scope	Cap	Pedestals	Main Girder	Cross Girder	Span	Slab
<b>302+713 Bhukhi Khadi 2x37.847+1x38.045</b>																						
		1	A1-P1		21	1	1	1	1	A1	1	1	1	1	21			A1-P1				
		1	P1-P2			1	1	1	1	P1	1	1	1	1					P1-P2			
		1	P2-A2			1	1	1	1	A2	1	1	1	1					P2-A2			
		3				4	4	4	4		4	4	4	4								
<b>318+870 SSNNL Canal 2x32.20+ 1x15.85</b>																						
		1	A1-P1		21	1	1	1	1	A1	1	1	1	1	21			A1-P1	1			
		1	P1-P2			1	1	1	1	P1	1	1	1	1					P1-P2	1		
		1	P2-A2			1	1	1	1	A2	1	1	1	1					P2-A2	1		
		3				4	4	4	4		4	4	4	4						3		
<b>321+253 Rupa Khadi 2x37.658</b>																						
		1	A1-P1		14	1	1	1	1	A1	1	1	1	1	14			A1-P1	1			
						1	1	1	1	P	1	1	1	1								
		1	P1-A2			1	1	1	1	A2	1	1	1	1					P1-A2	1		
		2			3	3	3	3		3	3	3	3					2				



CONSTRUCTION OF EIGHT LANE VADODARA KIM EXPRESSWAY																								
PKG III (From Km 292.00 To Km 323.00)																								
Minor Bridges (Total 11 nos.)																								
LHS												RHS												
Super Structure					Sub Structure			Foundation (Pile cap/ Open/Raft)				Sl. No.	Chainage	Foundation (Pile cap/ Open/Raft)		Sub Structure			Super Structure					
Completed					Completed			Completed		Completed				Completed		Completed			Completed					
Crash Barrier	Exp Joint	Slab	Cross Girder	Main Girder	Scope	Pedestal	Cap	Scope	Completed	Scope	Scope	Completed	Scope	Scope	Completed	Scope	Cap	Pedestal	Scope	Main Girder	Cross Girder	Slab	Exp Joint	Crash Barrier
		1	NA	NA	1	NA	2	2	1	1	1	294+085 Box 1x12	1	1	2	2	NA	1	NA	NA	1			
					1			2		2	2	296+432 (GAIL) 1x27.846	2		2			1						
				7	1		2	2	2	2	3	297+472 1x17.688	2	2	2	2		1	7		1			
		1		7	1		2	2	2	2	4	297+562 1x37.394	2	2	2	2		1	7		1			
					1			2		2	5	304+454 (GAIL) 1x22.687	2		2			1						
		1		7	1		2	2	2	2	6	307+731 (SSNNL) 1x22.687	2	2	2	2		1	7		1			
					1	28	4	4	2	2	7	309+100 (GAIL) 1x45.200	2	2	4	4	28	1						
				7	1		2	2	2	2	8	309+840 (SSNNL) 1x23.740	2	2	2	2		1	7					
			NA	NA	1	NA	2	2	2	2	9	310+720 (GSPL) Portal 1x21.35	2	2	2	2	NA	1	NA	NA				
		1		7	1		2	2	2	2	10	313+809 (SSNNL) 1x24.410	2	2	2	2		1	7		1			
		1	NA	NA	1	NA	2	2	2	2	11	314+314 Box 3x4.800	2	2	2	2	NA	1	NA	NA	1			
		5			11		20	24	17	21		Total	21	17	24	20		11			6			

CONSTRUCTION OF EIGHT LANE VADODARA KIM EXPRESSWAY																									
PKG III (From Km 292.00 To Km 323.00)																									
Flyover (1 no.) Min. Vertical Clearance:5.5m																									
LHS													RHS												
Super structure						Sub structure			Foundation (Pile Cap)		Chainage	Foundation (Pile Cap)		Sub structure			Super structure								
Completed						Completed		Scope	Completed	Scope		Scope	Completed			Completed									
Crash Barrier	Exp Joint	Slab	Span	Cross Girder	Main Girder	Scope	Pedestal				Cap		Scope	Completed	Scope	Scope	Completed	Scope	Cap	Pedestal	Scope	Main Girder	Cross Girder	Span	Slab
		1	A1-P1		21		1	1	1	1	A1	1	1	1	1			21			A1-P1	1			
			P1-P2				1	1	1	1	P1	1	1	1	1							P1-P2			
		1	P2-A2				1	1	1	1	A2	1	1	1	1							P2-A2			
		2						4	4	4	4		4	4	4	1								1	



Annexure -06 Structure Strip Chart

CONSTRUCTION OF EIGHT LANE VADODARA KIM EXPRESSWAY PKG III (From Km 292.00 To Km 323.00)												
VOP (1 no.) with 6.0m Vertical Clearance from Cross Road												
Chainage (Span Size)	Foundation				Sub structure			Super structure (PSC Girders & RCC Slab)				
	Piles		Pile Caps		Scope	Cap	Pedestal	Scope	Completed			
307+170 (2x41.35)	Scope	Completed	Scope	Completed					Scope	Girders	Slab	Exp Joint
A1	12	12	1	1	1	1		A1-P1				
P1	16	16	1	1	1	1						
A2	12	12	1	1	1	1		P1-A2				
	40	40	3	3	3	3						

Annexure-06 Structure Strip Chart

CONSTRUCTION OF EIGHT LANE VADODARA KIM EXPRESSWAY															
PKG III (From Km 292.00 To Km 323.00)															
CUP/PUP (Total 30 nos.) with Span size of 12mX4m															
Ret./ RE Wall	LHS						Sl. No.	Chainage	Super structure						Ret./ RE Wall
	Super Structure		Sub Structure		Foundation				Foundation		Sub Structure		Super Structure		
	Crash Barrier	Slab	A1	A2	Raft	PCC			PCC	Raft	A1	A2	Slab	Crash Barrier	
		1	1	1	1	1	1	292+400	PCC	1	1	1	1		
1		1	1	1	1	1	2	295+151	1	1	1	1	1		1
1		1	1	1	1	1	3	295+990	1	1	1	1	1		1
1		1	1	1	1	1	4	297+220	1	1	1	1	1		1
1		1	1	1	1	1	5	297+900	1	1	1	1	1		1
1		1	1	1	1	1	6	298+380	1	1	1	1	1		1
		1	1	1	1	1	7	299+079	1	1	1	1	1		
1		1	1	1	1	1	8	300+725	1	1	1	1	1		1
1		1	1	1	1	1	9	301+790	1	1	1	1	1		1
1		1	1	1	1	1	10	302+055	1	1	1	1	1		1
1	1	1	1	1	1	1	11	303+220	1	1	1	1	1	1	1
1	1	1	1	1	1	1	12	304+170	1	1	1	1	1	1	1
1	1	1	1	1	1	1	13	305+058	1	1	1	1	1	1	1
1	1	1	1	1	1	1	14	305+850	1	1	1	1	1	1	1
1	1	1	1	1	1	1	15	306+060	1	1	1	1	1	1	1
1	1	1	1	1	1	1	16	306+820	1	1	1	1	1	1	1
1		1	1	1	1	1	17	309+550	1	1	1	1	1		1
1		1	1	1	1	1	18	310+480	1	1	1	1	1		1
1	1	1	1	1	1	1	19	311+650	1	1	1	1	1	1	1
		1	1	1	1	1	20	312+243	1	1	1	1	1		
1	1	1	1	1	1	1	21	313+075	1	1	1	1	1	1	1
1	1	1	1	1	1	1	22	314+850	1	1	1	1	1	1	1
1	1	1	1	1	1	1	23	315+870	1	1	1	1	1	1	1
1	1	1	1	1	1	1	24	316+960	1	1	1	1	1	1	1
1	1	1	1	1	1	1	25	317+460	1	1	1	1	1	1	1
1		1	1	1	1	1	26	318+400	1	1	1	1	1		1
1		1	1	1	1	1	27	319+580	1	1	1	1	1		1
1		1	1	1	1	1	28	320+330	1	1	1	1	1		1
1		1	1	1	1	1	29	320+825	1	1	1	1	1		1
1		1	1	1	1	1	30	322+550	1	1	1	1	1		10

CONSTRUCTION OF EIGHT LANE VADODARA KIM EXPRESSWAY																
PKG III (From Km 292.00 To Km 323.00)																
VUP (Total 3 nos.) with Min. Vertical Clearance:5.5m & LVUP (Total 7 nos.) with Min. Vertical Clearance:4.0m																
LHS							Sl. No.	VUP/LVUP	Super structure (PSC Girders & RCC Slab)	RHS						
Ret./RE Wall	Super Structure		Sub Structure		Foundation					Foundation		Sub Structure		Super Structure		Ret./RE Wall
	Crash	Slab	A1	A2	Raft	PCC				PCC	Raft	A1	A2	Slab	Crash	
		1	1	1	1	1	1	VUP								
1		1	1	1	1	1	2	VUP	303+808	1	1	1	1	1		1
1		1	1	1	1	1	3	VUP	312+695	1	1	1	1	1		1
		1	1	1	1	1	1	LVUP	293+875	1	1	1	1	1		
		1	1	1	1	1	2	LVUP	294+520	1	1	1	1	1		
1		1	1	1	1	1	3	LVUP	301+214	1	1	1	1	1		1
		1	1	1	1	1	4	LVUP	308+550	1	1	1	1	1		
1	1	1	1	1	1	1	5	LVUP	311+047	1	1	1	1	1	1	1
1	1	1	1	1	1	1	6	LVUP	316+536	1	1	1	1	1	1	1
1		1	1	1	1	1	7	LVUP	321+673	1	1	1	1	1		1
		10	10	10	10	10				10	10	10	10	9		

CONSTRUCTION OF EIGHT LANE VADODARA KIM EXPRESSWAY																				
PKG III (From Km 292.00 To Km 323.00)																				
BOX CULVERTS																				
LHS								Sl. No.	Super structure (PSC Girders & RCC Slab)			RHS								
Ret. Wall		Super structure		Substructure		Foundation						Foundation		Substructure		Super structure		Ret. Wall		
A1	A2	Parapet	Slab	A1	A2	Raft	PCC					PCC	Raft	A1	A2	Slab	Parapet	A1	A2	
1	1	1	1	1	1	1	1	1	1		1x2x2	1	1							
1	1	1	1	1	1	1	1	1	2	294+729	SSNNL	2x4x4	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	3	294+985	SSNNL	1x2x2	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	4	295+585		1x3x3	1	1	1	1	1	1	1	1
			1	1	1	1	1	1	5	296+376		1x3x3	1	1	1	1	1			
1	1		1	1	1	1	1	1	6	299+858	SSNNL	1x3x3	1	1	1	1	1		1	1
1	1	1	1	1	1	1	1	1	7	300+148		1x3x4	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	8	301+224	SSNNL	1x5x3	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	9	303+403		1x3x3	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	10	305+437		1x2x2	1	1	1	1	1	1	1	1
1	1		1	1	1	1	1	1	11	307+193 (0+716)		1x2x2	1	1	1	1	1		1	1
1	1		1	1	1	1	1	1	12	307+193 (0+482)			1	1	1	1	1		1	1
1	1	1	1	1	1	1	1	1	13	307+687	SSNNL	1x2.55x2	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	14	307+778	SSNNL	1x3.45x3	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	15	308+990	SSNNL	1x3.65x3	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	16	309+819	SSNNL	1x2x2	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	17	309+858	SSNNL	1x3x3	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	18	314+148		1x3x4	1	1	1	1	1	1	1	1
1	1								19	315+214 (COS)		1x5x5						1	1	1
1	1	1	1	1	1	1	1	1	20	315+225	SSNNL	1x2.45x2	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	21	316+420		1x2x2	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	22	316+558	SSNNL	1x2.45x2	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	23	317+485 (COS)		1x3x3	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	24	318+586	SSNNL	1x3x3	1	1	1	1	1	1	1	1
		1	1	1	1	1	1	1	25	322+750		1x2x2	1	1	1	1	1	1		
									26	Ramp 1(0+460)		1x2x2								
									27	Ramp 1(0+740)		1x2x2								
									28	Ramp 1(0+770)		1x2x2								
									29	Ramp 1(1+090)		1x2x2								
23	23		24	24	24	24	24						24	24	23	24	24		23	23



CONSTRUCTION OF EIGHT LANE VADODARA KIM EXPRESSWAY											
PKG III (From Km 292.00 To Km 323.00)											
HP CULVERTS											
LHS					Sl. No.	Chainage	RHS				
Chamber	Cradle	Pipe Laying	PCC Bedding	Excavation			Excavation	PCC Bedding	Pipe Laying	Cradle	Chamber
	1	1	1	1	1	293+620	1	1		1	
	1	1	1	1	2	294+420	1	1	1	1	
	1	1	1	1	3	295+180 COS	1	1	1	1	
1	1	1	1	1	4	295+870	1	1	1	1	1
	1	1	1	1	5	296+720	1	1	1	1	
	1	1	1	1	6	298+120	1	1	1	1	
1	1	1	1	1	7	298+819	1	1	1	1	
	1	1	1	1	8	300+445	1	1	1	1	
	1	1	1	1	9	300+970	1	1	1	1	
	1	1	1	1	10	301+500	1	1	1	1	
	1	1	1	1	11	302+270	1	1	1	1	
	1	1	1	1	12	302+578	1	1	1	1	
	1	1	1	1	13	303+608	1	1	1	1	
1	1	1	1	1	14	304+069	1	1	1	1	
	1	1	1	1	15	304+649	1	1	1	1	
1	1	1	1	1	16	307+340	1	1	1	1	
1	1	1	1	1	17	307+969	1	1	1	1	
	1	1	1	1	18	308+320	1	1	1	1	



Annexure -06 Structure Strip Chart

HP CULVERTS											
LHS					Sl. No.	Chainage	RHS				
Chamber	Cradle	Pipe Laying	PCC Bedding	Excavation			Excavation	PCC Bedding	Pipe Laying	Cradle	Chamber
	1	1	1	1	19	308+794	1	1	1	1	
	1	1	1	1	20	309+368	1	1	1	1	
	1	1	1	1	21	310+119	1	1	1	1	
1	1	1	1	1	22	311+055	1	1	1	1	
1	1	1	1	1	23	311+329	1	1	1	1	
1	1	1	1	1	24	311+969	1	1	1	1	1
1	1	1	1	1	25	312+679	1	1	1	1	
	1	1	1	1	26	312+695	1	1	1	1	
1	1	1	1	1	27	313+812	1	1	1	1	1
1	1	1	1	1	28	314+669	1	1	1	1	
1	1	1	1	1	29	315+719	1	1	1	1	
	1	1	1	1	30	316+069	1	1	1	1	
	1	1	1	1	31	316+819	1	1	1	1	
	1	1	1	1	32	317+430	1	1	1	1	
	1	1	1	1	33	319+268	1	1	1	1	
	1	1	1	1	34	319+969	1	1	1	1	
	1	1	1	1	35	320+719	1	1	1	1	
	1	1	1	1	36	321+681 COS	1	1	1	1	
	1	1	1	1	37	322+294	1	1	1	1	
	1	1	1	1	38	316+519	1	1	1	1	
12	38	38	38	38			38	38	37	38	3

Annexure - 06 Structure Strip Chart

CONSTRUCTION OF EIGHT LANE VADODARA KIM EXPRESSWAY											
PKG III (From Km 292.00 To Km 323.00)											
Utility Ducts (Total 62 nos.)											
LHS					Sl. No.	Chainage	RHS				
Chamber	Cradle	Pipe Laying	PCC Bedding	Excavation			Excavation	PCC Bedding	Pipe Laying	Cradle	Chamber
1	1	1	1	1	1	292+220	1	1	1	1	1
1	1	1	1	1	2	292+600	1	1	1	1	1
	1	1	1	1	3	293+460	1	1	1	1	
	1	1	1	1	4	293+700	1	1	1	1	
	1	1	1	1	5	294+250	1	1	1	1	
	1	1	1	1	6	294+670	1	1	1	1	
	1	1	1	1	7	295+370	1	1	1	1	
	1	1	1	1	8	295+700	1	1	1	1	
1	1	1	1	1	9	296+265	1	1	1	1	
	1	1	1	1	10	296+575	1	1	1	1	
1	1	1	1	1	11	296+790	1	1	1	1	
1	1	1	1	1	12	298+000	1	1	1	1	1
1	1	1	1	1	13	298+600	1	1	1	1	1
1	1	1	1	1	14	298+950	1	1	1	1	1
	1	1	1	1	15	299+400	1	1	1	1	
	1	1	1	1	16	299+975	1	1	1	1	
	1	1	1	1	17	300+625	1	1	1	1	
	1	1	1	1	18	300+850	1	1	1	1	
1	1	1	1	1	19	301+370	1	1	1	1	1
	1	1	1	1	20	301+655	1	1	1	1	
	1	1	1	1	21	302+030	1	1	1	1	1
	1	1	1	1	22	302+465	1	1	1	1	1

Annexure - 06 Structure Strip Chart

Utility Ducts (Total 62 nos.)											
LHS					Sl. No.	Chainage	RHS				
Chamber	Cradle	Pipe Laying	PCC Bedding	Excavation			Excavation	PCC Bedding	Pipe Laying	Cradle	Chamber
	1	1	1	1	23	302+970	1	1	1	1	
	1	1	1	1	24	303+200	1	1	1	1	
	1	1	1	1	25	303+850	1	1	1	1	
1	1	1	1	1	26	304+150	1	1	1	1	
1	1	1	1	1	27	304+442	1	1	1	1	1
	1	1	1	1	28	305+250	1	1	1	1	
	1	1	1	1	29	306+050	1	1	1	1	1
1	1	1	1	1	30	307+005	1	1	1	1	1
1	1	1	1	1	31	307+300	1	1	1	1	1
1	1	1	1	1	32	307+900	1	1	1	1	1
1	1	1	1	1	33	308+400	1	1	1	1	1
1	1	1	1	1	34	308+905	1	1	1	1	1
1	1	1	1	1	35	309+515	1	1	1	1	1
1	1	1	1	1	36	309+870	1	1	1	1	1
1	1	1	1	1	37	310+450	1	1	1	1	1
1	1	1	1	1	38	311+016	1	1	1	1	1
1	1	1	1	1	39	311+780	1	1	1	1	1
1	1	1	1	1	40	312+185	1	1	1	1	1
1	1	1	1	1	41	312+760	1	1	1	1	1
	1	1	1	1	42	313+210	1	1	1	1	
	1	1	1	1	43	313+450	1	1	1	1	
1	1	1	1	1	44	314+200	1	1	1	1	1
1	1	1	1	1	45	314+805	1	1	1	1	1
	1	1	1	1	46	315+040	1	1	1	1	1
1	1	1	1	1	47	315+450	1	1	1	1	1
1	1	1	1	1	48	316+000	1	1	1	1	1

Annexure - 06 Structure Strip Chart

Utility Ducts (Total 62 nos.)											
LHS					Sl. No.	Chainage	RHS				
Chamber	Cradle	Pipe Laying	PCC Bedding	Excavation			Excavation	PCC Bedding	Pipe Laying	Cradle	Chamber
1	1	1	1	1	49	316+480	1	1	1	1	1
1	1	1	1	1	50	317+000	1	1	1	1	1
1	1	1	1	1	51	317+520	1	1	1	1	1
	1	1	1	1	52	318+225	1	1	1	1	1
1	1	1	1	1	53	318+650	1	1	1	1	1
	1	1	1	1	54	319+100	1	1	1	1	
	1	1	1	1	55	319+465	1	1	1	1	
	1	1	1	1	56	319+775	1	1	1	1	
	1	1	1	1	57	320+150	1	1	1	1	
	1	1	1	1	58	320+625	1	1	1	1	
	1	1	1	1	59	321+050	1	1	1	1	
	1	1	1	1	60	321+465	1	1	1	1	
	1	1	1	1	61	321+985	1	1	1	1	
	1	1	1	1	62	322+447	1	1	1	1	
	62	62	62	62			62	62	61	62	

## LAB EQUIPMENTS CALIBRATION PLAN FOR THE MONTH OF AUGUST-2021

SL No	ITEM NAME	CAPACITY / SIZE	MAKE	ID NO	Date of Calibration	Due Date of Calibration	REMARK
1	Compression Testing Machine (CTM)	2000 KN	Horidarshan Instruments Its	SL No-201818	19.06.2021	18.06.2022	
2	Flexural Testing Machine (FTM)	100 KN	EIE Instruments	SL No-1605190	17.12.2020	16.12.2021	
3	Flexural Testing Machine (FTM)	100 KN	EIE Instruments	2101339	25.01.2021	24.01.2022	
4	Proving Ring	30 KN	EIE Instruments	SL No-790	17.03.2021	16.03.2022	
5	Proving Ring	25 KN	EIE Instruments	PR-25KN-01884	06.02.2020	05.04.2022	
6	Dial Gauge	0-25mm	Kann	SL No-L2042	03.03.2021	02.03.2022	
7	Dial Gauge	0-30mm	Kann	SL No-L1860	03.03.2021	02.03.2022	
8	Dial Gauge	0-30mm	Kann	SL No-L1991	03.03.2021	02.03.2022	
9	Pressure Gauge	0-500 KN	EIE Instruments	EXL-160819C	05.06.2021	04.06.2022	
10	Electronic Balance	50 Kg	Swisser	SL No-2191210	18.12.2020	16.12.2021	
11	Electronic Balance	50 Kg	Swisser	SL No-2191211	18.12.2020	16.12.2021	
12	Electronic Balance	50 Kg	Swisser	SL No-2190683	19.07.2021	18.07.2022	
13	Electronic Balance	30 Kg	Swisser	SL No-2190713	19.07.2021	18.07.2022	
14	Electronic Balance	20 Kg	Swisser	SL No-2190755	19.07.2021	18.07.2022	
15	Electronic Balance	10 Kg	Swisser	SL No-2180656	19.07.2021	18.07.2022	
16	Weight Sets	1gm,5gm,10gm,20gm & 100 gm	Vindish		30.09.2020	29.09.2021	
17	Rapid Moisture Meter (RMM)	0-25 %	EIE Instruments	EIE/CAL/DPG/06	04.11.2020	03.11.2021	
18	Digital Multi Thermometer	-50 to 300 oc	ACETEQ	ST-9283B	15.02.2021	14.02.2022	
19	Digital Multi Thermometer	-50 to 300 oc	ACETEQ	ST-9283B	25.02.2021	24.02.2022	
20	Digital Thermo-Hydrometer	10 to 50 oc	EIE Instruments		01.04.2021	31.03.2022	
21	Digital Anemometer	0.4 to 30 m/s	EIE Instruments		10.06.2021	09.06.2022	
22	Nuclear Density Gauge	Model No-H5001EZ	Humboldt	Sr. No-5458	10.12.2020	11.10.2021	
23	Vicat Needle Apparatus		EIE Instruments		21.07.2021	20.07.2022	
24	Digital Vernier Caliper	0 to 200 mm	EIE Instruments	Sr No-1105183056	30.07.2021	29.07.2022	
25	Rain Gauge	0 to 200 mm	EIE Instruments	Sr No-M200644	05.06.2021	04.06.2022	
26	Measure Tape	0 to 5 mt	Komal Services	MT/5 Mtr./01	30.01.2021	29.01.2022	
27	Steel Scale	0 to 300 mm	Komal Services	SS/300 mm/01	30.01.2021	29.01.2022	
28	Density Hydrometer	1.000 to 1.200	EIE Instruments	M2104110	23.04.2021	22.04.2022	
<b>IN-HOUSE CALIBRATION</b>							
1	Concrete Batching Plant (Patel)	240 M <sup>3</sup> /Hour	Schwing Stetter	H6H	04.08.2021	03.09.2021	
2	Concrete Batching Plant (Patel)	112 M <sup>3</sup> /Hour	Schwing Stetter	M-2.5 C	10.08.2021	09.09.2021	
3	Concrete Batching Plant (Patel)	60 M <sup>3</sup> /Hour	Schwing Stetter	M-1.0 C	26.07.2021	25.10.2021	
4	Concrete Batching Plant (Keya)	60 M <sup>3</sup> /Hour	Schwing Stetter	M-1.0 C	24.08.2021	23.11.2021	
5	Concrete Batching Plant (Maruti)	30 M <sup>3</sup> /Hour	Captus		20.06.2021	19.09.2021	
6	DLC Plant (Patel)	300 MT/Hour	Maxmech	MCMT300	18.08.2021	17.09.2021	
7	Moisture Container (Big Size)	100x75 cm	EIE Instruments		12.12.2020	11.12.2021	
8	Moisture Container (Medium)	75x50 cm	EIE Instruments		12.12.2020	11.12.2021	
9	Moisture Container (Small Size)	50x50 cm	EIE Instruments		12.12.2020	11.12.2021	
10	Sand Pouring Cylinder Ho-02	200 mm	EIE Instruments		14.08.2021	13.11.2021	
11	Sand Pouring Cylinder Ho-04	200 mm	EIE Instruments		14.08.2021	13.11.2021	
12	Sand Pouring Cylinder Ho-02	150 mm	EIE Instruments		24.07.2021	23.10.2021	



## LAB EQUIPMENTS CALIBRATION PLAN FOR THE MONTH OF AUGUST-2021

Sl No	ITEM NAME	CAPACITY / SIZE	MAKE	ID NO	Date of Calibration	Due Date of Calibration	REMARK
13	Sand Pouring Cylinder Ho-02	100 mm	EIE Instruments		24.07.2021	23.10.2021	
14	Tray	30 cm x 30 cm	EIE Instruments		30.01.2021	19.01.2022	
15	Rapid Moisture Meter(RMM)	0-25 %	EIE Instruments		16.07.2021	15.01.2022	
16	Rapid Moisture Meter(RMM)	0-25 %	EIE Instruments		04.06.2021	03.12.2021	
17	Proctor Mould	1000 cc	EIE Instruments		04.04.2021	03.10.2021	
18	Proctor Rammer	4.89 Kg.	EIE Instruments		11.06.2021	10.06.2022	
19	CBR Mould	150 mm dia	EIE Instruments		12.12.2020	11.12.2021	
20	Concrete cube Mould	15x15x15 cm	EIE Instruments		27.01.2021	26.01.2022	
21	Cement Mortar Mould	7.06x7.06x7.06 cm	EIE Instruments		23.12.2020	22.12.2021	
22	Beam Mould	70x15x15 cm	EIE Instruments		11.07.2021	10.07.2022	
23	Slump Cone	30x20x10 cm	EIE Instruments		22.12.2020	21.12.2021	
24	Aggregate Impact Value		EIE Instruments		30.01.2021	29.01.2022	
25	Thickness Gauge		EIE Instruments		30.01.2021	29.01.2022	
26	Length Gauge		EIE Instruments		30.01.2021	29.01.2022	
27	Straight Edge	3 mtr.	EIE Instruments		10.01.2021	09.01.2022	
28	Air Dry Oven -1	94 cm x 94 cm x 94 cm	EIE Instruments		31.01.2021	30.01.2022	
29	Air Dry Oven -2	95 cm x 63 cm	Horidarshan		31.01.2021	30.01.2022	
30	Hot Plate		EIE Instruments		30.01.2021	29.01.2022	
31	Sieve	125 mm	EIE Instruments		08.01.2021	07.01.2022	
32	Sieve	75 mm	EIE Instruments		09.01.2021	09.01.2022	
33	Sieve	63 mm	EIE Instruments		09.01.2021	09.01.2022	
34	Sieve	53 mm	EIE Instruments		09.01.2021	09.01.2022	
35	Sieve	50 mm	EIE Instruments		09.01.2021	09.01.2022	
36	Sieve	45 mm	EIE Instruments		09.01.2021	09.01.2022	
37	Sieve	40 mm	EIE Instruments		09.01.2021	09.01.2022	
38	Sieve	37.5 mm	EIE Instruments		09.01.2021	09.01.2022	
39	Sieve	31.5 mm	EIE Instruments		09.01.2021	09.01.2022	
40	Sieve	26.5 mm	EIE Instruments		09.01.2021	09.01.2022	
41	Sieve	25 mm	EIE Instruments		09.01.2021	09.01.2022	
42	Sieve	22.4 mm	EIE Instruments		09.01.2021	09.01.2022	
43	Sieve	20 mm	EIE Instruments		09.01.2021	09.01.2022	
44	Sieve	19 mm	EIE Instruments		09.01.2021	09.01.2022	
45	Sieve	16 mm	EIE Instruments		09.01.2021	09.01.2022	
46	Sieve	14 mm	EIE Instruments		09.01.2021	09.01.2022	
47	Sieve	13.2 mm	EIE Instruments		09.01.2021	09.01.2022	
48	Sieve	12.5 mm	EIE Instruments		09.01.2021	09.01.2022	
49	Sieve	11.2 mm	EIE Instruments		09.01.2021	09.01.2022	
50	Sieve	10 mm	EIE Instruments		09.01.2021	09.01.2022	
51	Sieve	9.5 mm	EIE Instruments		09.01.2021	09.01.2022	
52	Sieve	6.3 mm	EIE Instruments		09.01.2021	09.01.2022	
53	Sieve	5.6 mm	EIE Instruments		09.01.2021	09.01.2022	
54	Sieve	4.75 mm	EIE Instruments		09.01.2021	09.01.2022	
55	Sieve	2.8 mm	EIE Instruments		09.01.2021	09.01.2022	
56	Sieve	2.36 mm	EIE Instruments		09.01.2021	09.01.2022	
57	Sieve	850 µm	EIE Instruments		09.01.2021	08.01.2022	
58	Sieve	180 µm	EIE Instruments		09.01.2021	08.01.2022	
59	Sieve	75 µm	EIE Instruments		09.01.2021	08.01.2022	

Annexure-08 Monthly photographs

Name of Project :- Manubar - Sanpa (VKE-III) HAM Project



06-Aug-2021 5:17:15 PM  
Unnamed Road  
Bharuch  
Gujarat

CH  
307+733

MNB A2 Approach slab concrete  
pouring work in progress

**RHS**



06-Aug-2021 09:53

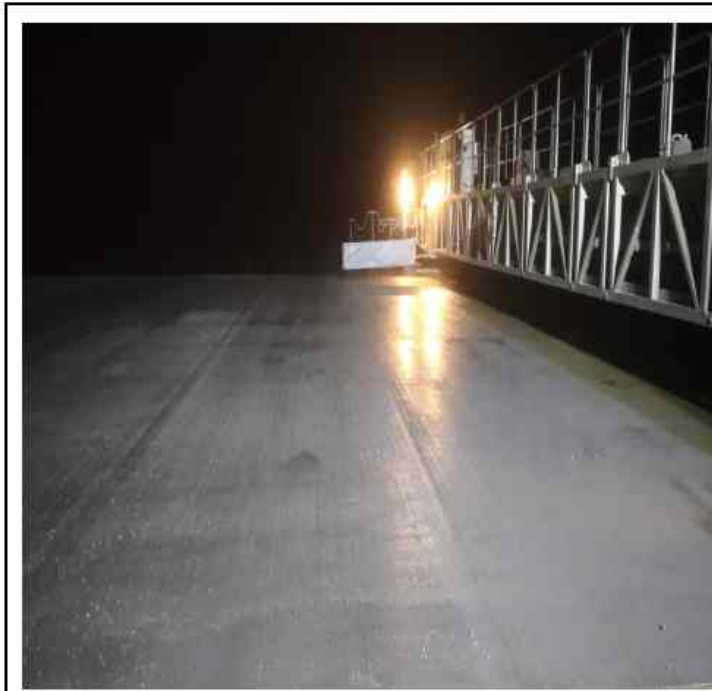
CH  
302+780

DLC curing work in progress

**BHS**

Annexure-08 Monthly photographs

Name of Project :- Manubar - Sanpa (VKE-III) HAM Project



CH  
307+600

PQC texturing & curing work in progress

**RHS**



CH  
302+780

DLC curing work in progress

**LHS**

Annexure-08 Monthly photographs

Name of Project :- Manubar - Sanpa (VKE-III) HAM Project



CH  
297+600

DLC curing work in progress

**LHS**



CH  
297+590

FDD checking work in progress

**LHS**

Annexure-08 Monthly photographs

Name of Project :- Manubar - Sanpa (VKE-III) HAM Project



CH  
297+340

DLC curing work in progress

**LHS**



Temporary chute drain making by separation



Annexure-08 Monthly photographs

Name of Project :- Manubar - Sanpa (VKE-III) HAM Project



CH  
302+760

GSB top work in progress

**LHS**



CH  
297+580

Bench cutting bed work in progress

**RHS**

Annexure-08 Monthly photographs

Name of Project :- Manubar - Sanpa (VKE-III) HAM Project



CH  
297+650

Geo textile laying work in progress

**RHS**



CH  
307+800

Texturing & curing work in progress

**RHS**

Annexure -09 Site Safety report

**Patel Infrastructure Limited**

**Vadodara Kim Expressway Package-3**

**Site safety report for the month of August-2021**

**Conducted tool box talk at site.**





Annexure -09 Site Safety report

Demonstration on the use of Safety belt



Vehicle inspection



Annexure -09 Site Safety report

Fire Extinguisher inspection



Safety barricading at site





Annexure -09 Site Safety report

Reinstalled/Maintenance of safety sign boards



Provided Signaller/Flagman



Patel Infrastructure Limited

Vadodara Kim Expressway Package-3

Environment Report for the month of August-2021

Routine Staff health check-up



Annexure - 10 Environmental Report

Deptt.workers Health check-up



Sanitization at Base camp area





<b>Annexure 11 Monthly monitoring of ongoing works for CGM(Tech.)</b>			
<b>Sr. No.</b>	<b>Monthly Monitoring Points</b>	<b>Status</b>	<b>Remarks</b>
1	Monitoring of approved construction Programme viz-a-viz the actual progress.	PVKEPL Submitted Revised Work program as per approved Schedule G vide Letter No PVKEPL/HO/VKP3/IE/093/2020 Dt.12.05.2020,Approved by IE vide Letter No 1755Dt. 16.05.2020. Further Revised program Submitted vide letter no 187 Dt. 08.10.2020.	
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 Programme, Letter No PVKEPL/HO/VKP3/IE/093/2020 Dt.12.05.2020,Approved by IE vide Letter No 1755Dt. 16.05.2020.Further Revised program Submitted vide letter no 187 Dt. 08.10.2020.	
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, along with quantification 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.	4 nos COS Proposal Recommended by IE Amounting - 3.89 Cr.	
5	Requirement/ quantification of the work as per the design/drawings of the agency on the sections / stretches not handed over by the authority.	Only 0.205 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 0205 Km for Land aquisition	