

Date: - 07.07.2020

PVKEPL/HO/VKP3/IE/129/2020

To,  
The 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 292.00 to Km 323.00  
(Manubar to Sanpa 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 June'20-Reg.

Ref:- 1). Your office letter no. AA/VKE/PVKEPL/393/20-21/MPR /1847 dated 11.06.2020

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 June, 2020 for the aforesaid project work.

Further, the communicated comments vide your office letter no.1847 on Monthly Progress Report for the Month of May, 2020 is incorporated in our submission and details of this compliance are as detailed under annexure-1 attached herewith

This is for your information and record please.

Thanking you,  
For, Patel Vadodara- Kim Expressway Pvt. Ltd.



Pankaj Sachan  
General Manager (Technical)  
Authorized Signatory.

Encl.: As Above.

Copy to: - GM (Tech) & Project Director, National Highway Authority of India, PIU –  
BHARUCH , AA1 - 8, Rangkrishna Avenue Society, Near Zadeshwar Chowkdi, Sukaltirth  
Road, Bharuch (Gujarat) - 392011 - For your information please.

Encl.: As Above.

## Annexure -1

Sr. No/ Section	Comment by IE	Compliance/ Clarification by the Concessionaire
1	<p><b>4.2 (A) Status of permission and approval</b> The Concessionaire has mentioned the various permissions and approval have been received/ obtained and copies attached with this MPR but some of copies are also left for attachment such as (A) Licence for use of explosives (B) Licence from Inspector of factories or competent authorities for setting up Batching plant (C) Permission of village Panchayat and State Government for borrow earth. A copy of such approval and permissions to comply with schedule - E of CA shall be furnished in the forthcoming MPR for our review and comments.</p>	Copies Attached.
2	<p><b>4.3 B) Utility shifting/ Tree Cutting Progress Status - Nos.</b> The Concessionaire has tabulated the balance list of utility shifting status to be shifted as 57 nos. All the above status of utilities have been verified by the IE at site and it was found maximum number of electrical polls (New polls) have been erected at the location of each crossing. During this month, shifting of DGVCL lines on 7 nos are in progress and no activates were observed at the location of HT lines.</p>	<p>For DGVCL lines Work in Progress. For GETCO (HT) Lines, Estimates has been approved by NHAI on 05.12.19. Preliminary survey completed and 2 Drawings are approved for which Material Inspection Request has been raised.</p>
3	<p><b>6.0 Mobilization of Resources</b> The Concessionaire has mentioned the list of equipments deployed during the month of May against required resources as per their work program. But not included the list of deployed manpower which is also required to be enclosed in forthcoming monthly progress report which please be noted. The IE has verified the status of deployed equipments / machineries at site and our observations is enclosed in <b>Annexure - V</b> for your information and necessary modification in records.</p>	Total Resources Mobilized for Project are considered. Few earthwork contractors Equipment Idle in subcontractor Camp as Borrow earth is having excess moisture due to recent Rains.
4	<p><b>Construction programme</b> Revised Construction work program has been submitted by the Concessionaire vide there latter no <b>PVKEPL/HO/KP3 / IE / 093 / 2020 dt.12.05.2020</b>. The same was reviewed by the IE and some observations were issued vide this office latter no <b>AA/VKE/PVKEPL/376/20-21/PROGRAMME /1755 Dt. 16.05.2020</b> to incorporate / comply with the various observations highlighted therein for re submission. But the same has not been submitted so far. In view of above, Concessionaire is requested to submit the above on priority please.</p>	IE has Communicated approval of Revised Construction time Schedule vide letter no <b>AA/VKE/PVKEPL/376/20-21/PROGRAMME/1755 Dated 16.05.2020 accordingly hard copies of Revised Construction time Schedule are submitted to your good office.</b>



## Annexure -1

Sr. No/ Section	Comment by IE	Compliance/ Clarification by the Concessionaire
5	<p><b>8.0 QA / QC Report</b>            The Concessionaire has mentioned the Number of test conducted at site during the month of March for different items of work. During construction on regular basis, IE representative have witnessed/ carried out all the routine test at Laboratory (Base camp at Ch. 299+ 350 on RHS). The details of test conducted by the representative of IE are enclosed as <b>Annexure - VI</b> for your information and records.</p>	Annexure - VI not received
6	<p><b>9.0 Safety Features</b>            The Concessionaire has mentioned the safety features adopted during the month of May at only one location in the entire stretch of Project Highway which is required to be implemented at various locations such as each of diversion, near ROB, Fly over, VOP and near to all major construction of MNB and MJB. Also it is required to be enclosed the action taken report on the safety measures adopted at site for prevention against COVID-19.</p>	Concessionaire attaching Detailed Report for every month attached in every MPR as <b>Annexure 10- Site Safety report</b>
7	Despite our observation issued during the month of April regarding attachment of Construction time schedule in MPR but no action has been taken. A copy of construction Time Schedule must be provided in the Monthly Progress Report duly highlighting the project Milestones.	Concessionaire attaching S-Curve as per approved Construction time schedule in every MPR duly highlighting the project milestones.
8	Details of Environmental Mitigation Measures as envisaged in the EMP shall be provided in the MPR for the project highway.	Concessionaire attaching Environmental Mitigation Measures in every MPR as <b>Annexure 11- Monthly Environment Report</b>
9	The details of column "Weather condition" in Weather Report under Item No 8.2 can be changed to show whether particular day is "Rainy/Sunny/Foggy/Cloudy" instead of simply "clear".	Weather condition Column Included in weather report.
10	The Monthly Progress report shall be page numbered as per Index of MPR. Referenced page number shown on table of contents are not matching with the described page number agents each of items which must be rectified in forthcoming MPR	Noted. Corrected.





## 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 16 FOR THE MONTH OF JUNE-2020



<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.

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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 June 2020. The Embankment work of the main carriageway is started and 26.78 Km of work is in progress and Embankment top in 11.45 Km, Sub grade top 8.91 Km, Granular Sub base in 6.14 km, Dry Lean Concrete in 5.46 Km and Pavement Quality Concrete completed in 0.87 km. The overall Physical progress as on 31<sup>st</sup> May 2020 is assessed to be approximately 40.01%. The financial progress achieved as on 31<sup>st</sup> May 2020 is assessed to be 38.51 %.

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 (%)	55.20 %
Cumulative Physical Progress up to current month (%)	41.22%
Physical Progress Achieved during current month (%)	1.21 %
Financial progress (%)	39.60 %
Cumulative Expenditure till date (Rs Cr)	678.02 Cr.
Number of pending COS proposals	NIL
Amount for pending COS (Rs Cr)	NIL

## 1.2 Project Synopsis

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

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

### Proposed alignment

Sr.No	Design Chainage		Length	Village	Remark
1	323+000	321+600	1.40	Matar Talpad	
2	321600	318+900	2.70	Suthodara	
3	318+900	317+200	1.70	Danda	
4	317+200	314+300	2.90	Dora	
5	314+300	310+900	3.40	Simartha	
6	310+900	307+750	3.15	Kurchan	
7	307+750	305+550	2.20	Karela	
8	305+550	301+200	4.35	Kelod	
9	301+200	300+500	0.70	Tralsa	
10	300+500	297+550	2.95	Dayadara	
11	297+550	296+050	1.50	Tralsi	
12	296+050	293+850	2.20	Derol	
13	293+850	292+700	1.15	Tham	
14	292+700	292+000	0.70	Manubar	
		<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				
<b>Total Length</b>	31.00	100%	<b>Total Length</b>	29.37		100%	<b>Total Length</b>	-	-
<b>Pending Land Acquisition(A)</b>	0.335	1.08%	<b>Total Length Completed (Till PQC)</b>	0.875	-	2.98%	<b>Total Length Complete (Till DBM)</b>	-	-
<b>Pending Clearances Encumbrances(Uilities like electrical, water ,tree cutting)(B)</b>	1.064	3.432%		<b>DLC</b>	5.46		-	18.59%	<b>BC</b>
<b>Total Work front Unavailable (C=A+B)</b>	1.399	4.51%	<b>GSB</b>	6.14	2.77	20.91%	<b>WMM</b>	-	-
			<b>Sub-Grade</b>	8.91	2.54	30.33%	<b>GSB</b>	-	-
			<b>Embankment Top</b>	11.45	15.33	38.98%	<b>Sub-Grade</b>	-	-
			<b>C&amp;G</b>	26.78		91.18%	<b>C&amp;G</b>	-	-

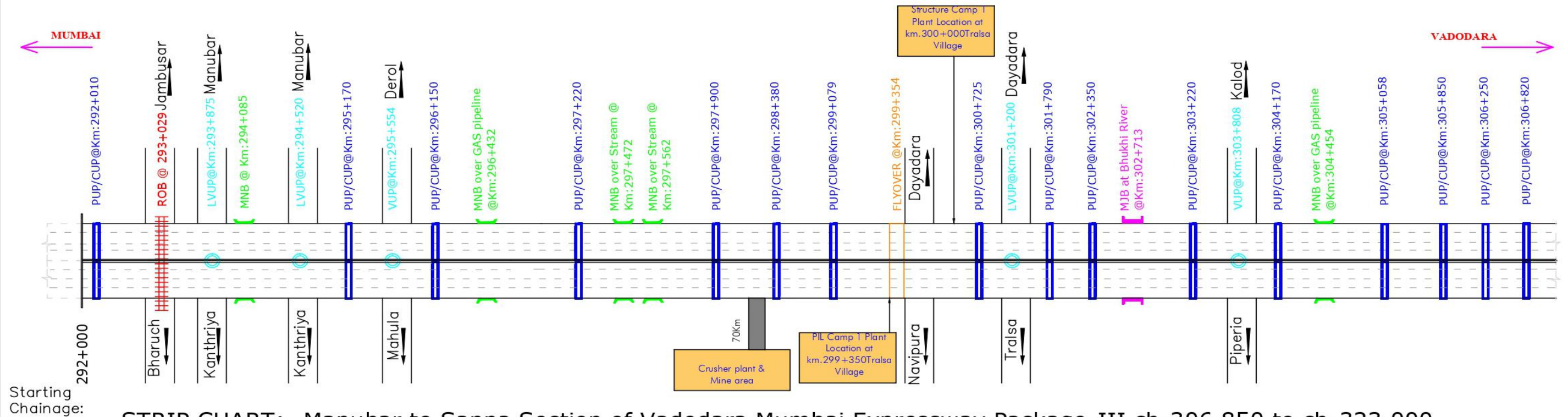
**Land Acquisition- 0.335 km**

**GETCO 0.884 Km**

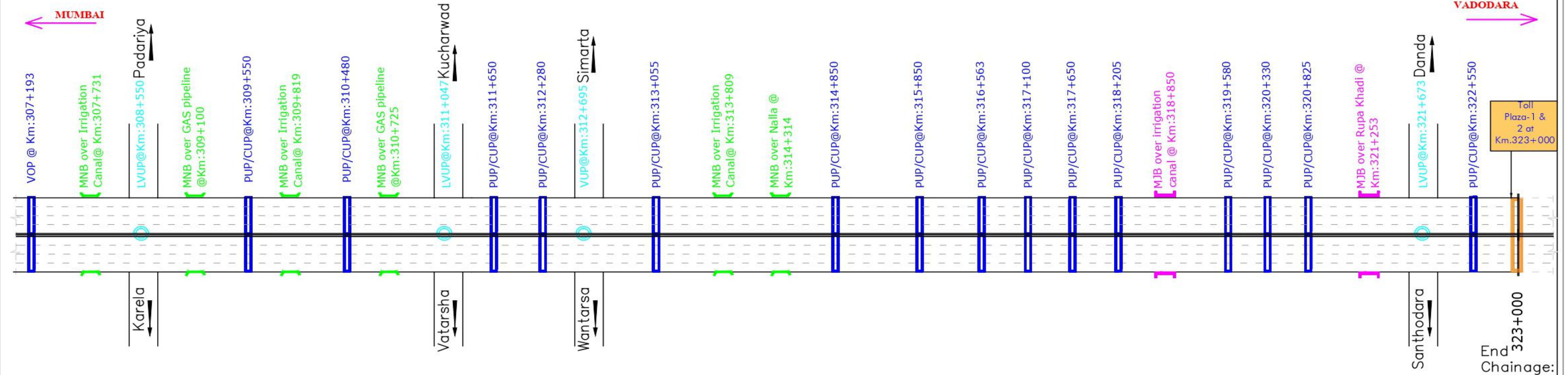
**Gas Pipe line 0.180 Km**

**Total Hindered Length- 1.399 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**



**LEGENT:**

- Major Bridge(MJB)
- 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:**

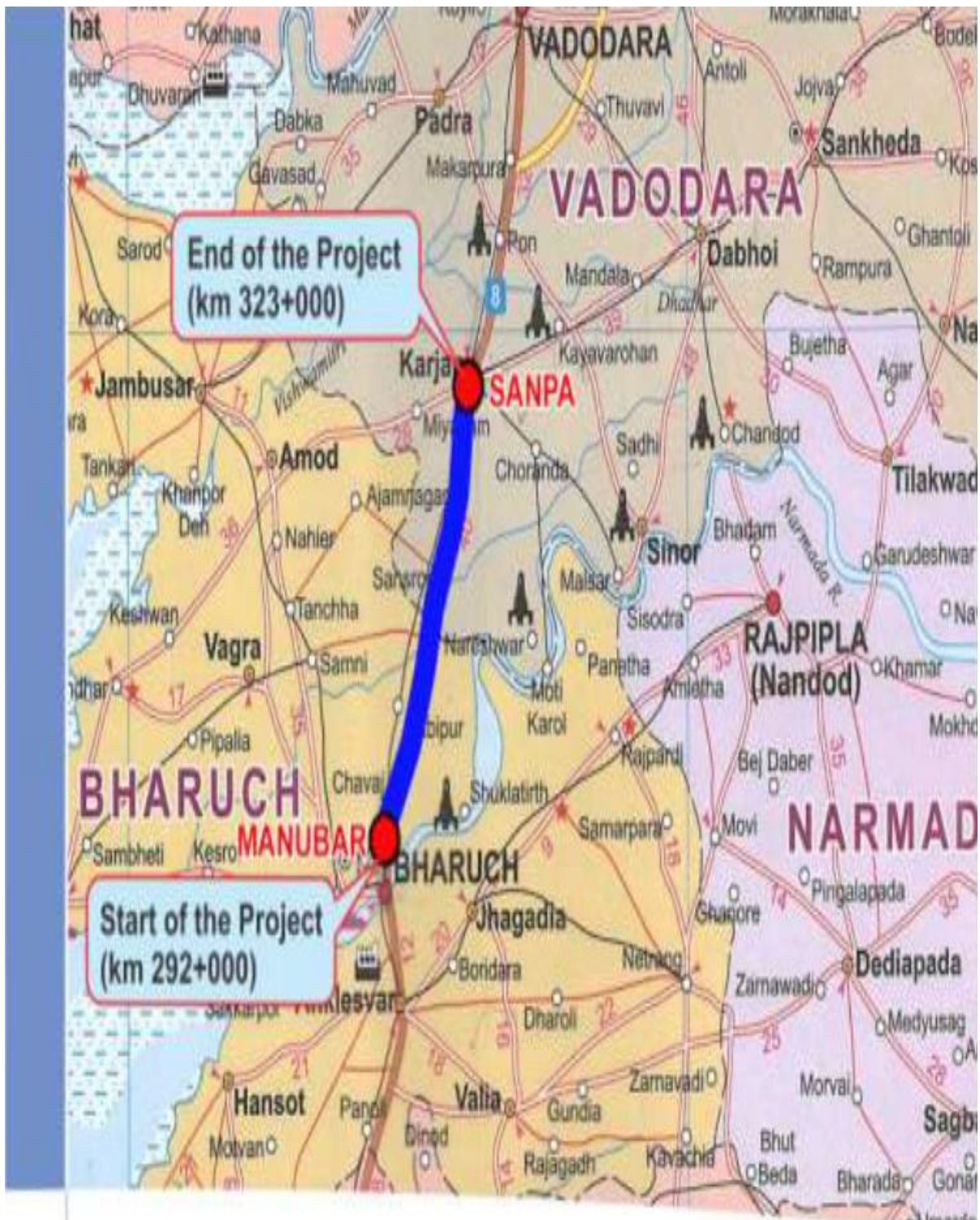
Sl No	Description	Unit	Scope	Sl No	Description	Unit	Scope	Sl No	Description	Unit	Scope
1.	Total Length of Project	Km	31.000	5.	Hume Pipe Culvert	Nos.	35	9.	Flyover	Nos.	01
2.	Length of Connecting Road	Km	1.495	iii.	Minor Bridge (over stream)	Nos.	07	10.	Major Intersection	Nos.	01
3.	Length of Cross Road at VOP	Km	0.930		MNB over GAS Pipeline	Nos.	04	11.	Toll Plaza	Nos.	01
4.	Culverts			6.	Major Bridge	Nos.	03				
i.	Box Culvert for Cross drainage	Nos.	21	7.	VOP/PUP/CUP	Nos.	31				
ii.	Box Culvert For Interchange	Nos.	04	8.	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: 14-02-2019 Project No.

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>	07th March 2021
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%	05/08/2019	342.4
2	Milestone – 2	330 <sup>Th</sup> DAY	35%	01/02/2020	599.2
3	Milestone – 3	480 <sup>Th</sup> DAY	75%	30/06/2020	1284.0
4	Milestone – 4	730 <sup>Th</sup> DAY	100%	07/03/2021	1712.0

## 2.4 Critical Issues & Action Log

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

## 3.0 Physical Progress

Component	% Weightage	Physical Progress (Cumulative Up to Current Month)
Road Work	69.024%	27.21%
Major Bridge Works	17.368 %	12.49%
Structures	0.84 %	-
Others	12.768 %	1.52%
<b>Total Physical Progress</b>		<b>41.22%</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
	<b>Total</b>			<b>31000</b>	

#### 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	8	1	7	3
4	Flyover	1	1	0	1	0
5	Vehicular Underpass	3	3	2	1	0
6	Light Vehicular Underpass	7	7	6	1	0
7	Cattle Underpass	30	30	25	5	0
8	Vehicular Overpass	1	1	0	1	0
9	Box Culverts	27	19	7.5	11.5	8
10	Pipe Culverts	35	32.5	31	1.5	2.5

### 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		Crash Barrier	
			Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp
ROB	293+050	2x(25.525+25+25.52)+27.9 + (8 to 28.1)varies+1x38+44+(6.00to26.1)+3x(25.52+25+25.52)	36	32.99	36	30	36	18	36	15			182		34		2097	
MJB	302+732	37.847+38.045+37.847	8	8	8	8	8	8	8	3			42	12	6		455	
MJB	318+875	2x32.2+1x15.85	4	4	8	8	8	8	8	3	14	14	28	18	6		321	
MJB	321+280	2x37.658	6	6	6	6	6	6	6	5			28	22	4		301	0
FLYOVER	299+375	16.859+33.201+16.859	8	8	8	8	16	8	8	1	28	8	14		6		268	
VUP	295+575	1x12	-	-	1	1	2	2	-		-				1	1	24	
VUP	303+830	1x12	-	-	1	1	2	2	-		-				1	1	24	
VUP	312+720	1x12	-	-	1	1	2	1	-		-				1		24	
VOP	307+193	1x2	3	3	3	1	3	-	3		-		8		2		24	
MNB	294+105	1x12.880	-	-	2	2	4	4	-		-		-		2	2	26	
MNB	296+450	1X27.846	-	-	4	-	4		4		14		-		2		111	

Structure Type	Location	Span Arrangement	Pile Group		Pile Cap/ Raft		Pier. Shaft/ Abutment /Wall		Pier/Abt. cap		RCC Girder		PSC Girder		Slab		Crash Barrier	
			Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp
MNB	297+472	1x17.688	-	-	4	2	4		-		-		-		2		35	
MNB	297+580	1x37.341	4	4	4	4	4	2	4	2	-		14		2		149	
MNB	304+450	1x22.687	-	-	4	-	4		4		14		-		2		91	
MNB	307+754	1x36.54	4	4	4	4	4	4	4	1	14	10	14	14	2		146	
MNB	309+090	1x45.200	4	-	4	-	4		4		-		44		2		181	
MNB	309+873	1x23.688	-	-	4	4	4		4		14		-		2		95	
MNB	310+752	1x21.35	-	-	4	4	4		4		-		44		2		85	
MNB	313+835	1x24.347	-	-	4	4	4		4		14				2		97	
MNB	314+340	1x19.103	-	-	4	4	4		-				-		2		38	

### 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	RHS Slab completed BHS Wall 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	RHS Slab completed BHS Wall completed
1	PUP	292+400	1x7.0	BHS	RHS Slab Completed, BHS Raft Done
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	LHS Slab Completed, BHS Raft Done
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 PCC Done
21	PUP	313+095	1x7.0	BHS	LHS Raft completed BHS PCC completed
22	PUP	314+850	1x7.0	BHS	BHS Slab Completed.
23	PUP	315+870	1x7.0	BHS	LHS Slab Completed BHS Raft completed
24	PUP	316+960	1x7.0	BHS	BHS Wall Completed.
25	PUP	317+650	1x7.0	BHS	LHS Slab Completed, BHS Raft Done.
26	PUP	318+245	1x7.0	BHS	LHS Wall completed BHS Raft Done
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 Raft Done.

#### Status of Box Culverts

Type of Culvert	Design Chainage As per CA	No of Vent	Span	Height	Status
BC	292+450	1	2.00	2.0	LHS Slab Completed, BHS Raft Done.
BC	294+750	2	4.00	4.0	BHS Raft Completed
BC	294+985	1	2.00	2.00	LHS Slab Completed, BHS Raft Done.
BC	295+585	1	2.00	2.00	BHS Slab Completed
BC	296+376	1	3.00	3.00	Work yet to start
BC	299+856	1	3.00	3.00	BHS Raft Completed.
BC	300+148	1	3.00	3.00	BHS Slab Completed
BC	301+247	1	2.00	2.00	Work yet to start
BC	303+403	1	3.00	3.00	BHS Slab Completed, Retaining wall works in progress

Type of Culvert	Design Chainage As per CA	No of Vent	Span	Height	Status
BC	305+437	1	2.00	2.00	BHS Slab Completed, Retaining wall works in progress
BC	307+709	1	2.00	2.00	BHS Raft Completed
BC	307+789	1	2.00	2.00	BHS PCC completed
BC	308+995	1	3.00	3.00	BHS Excavation Done.
BC	309+840	1	3.00	3.00	BHS PCC Done
BC	309+892	1	3.00	3.00	Work Yet to start
BC	314+148	1	3.00	3.00	BHS Slab Completed, Retaining wall works in progress
BC	315+247	1	5.00	3.00	LHS Raft Done.BHS PCC Completed
BC	316+427	1	2.00	2.00	BHS Excavation Done, RHS Slab Done.
BC	316+582	1	2.00	2.00	BHS Raft Completed
BC	317+485	1	3.00	3.00	BHS Raft Completed
BC	318+586	1	3.00	3.00	BHS Raft Completed
BC	322+750	1	2.00	2.00	BHS Excavation Done, Ground improvement in Progress
BC	323+087	1	2.00	2.0	Work yet to start
BC	269+883	1	2.00	2.0	
BC	270+373	1	2.00	2.0	
BC	270+731	1	2.00	2.0	
BC	0.250	1	2.00	2.0	
BC	0.650	1	2.00	2.0	

### Status of Hume Pipe Culverts

Type of Culvert	Design Chainage	Status
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	Work yet to start

Type of Culvert	Design Chainage	Status
HPC	313+369	BHS Pipe Laying Done
HPC	313+812	Work yet to start
HPC	314+669	BHS Pipe Laying Done
HPC	315+719	BHS Pipe Laying Done
HPC	316+069	BHS Pipe Laying Done
HPC	316+819	BHS Pipe Laying Done
HPC	317+470	BHS Excavation and PCC 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
HPC	322+778	BHS Excavation Done, Ground improvement in Progress



### 3.1 Detailed Scope of Work & Physical Progress by Component

Item	Stage for measurement	Unit	Qty.	Weightage in percentage to Contract Price	Quantity	% of Physical Progress	Remarks
1	2	3	4	5	6	7	8
Road works including culverts, minor bridges, underpasses, overpasses, approaches to ROB/RUB/ Major Bridges/ Structures (but excluding service roads / Connecting road)	<b>A- Widening and strengthening of Existing road</b>						
	1) Earthwork up to top of the subgrade						
	2) Granular work (Sub-base, shoulder) GSB						
	3) Shoulders						
	4) Bituminous work			Not in Scope			
	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%		8.91	13.28%	
(2) Granular work (sub-base, base, shoulders)							
(a) GSB	KM	29.371	3.46%		6.14	0.72%	
(3) Shoulders	KM	29.371	0.97%				
(4) Bituminous work							
(5) Rigid Pavement							
(a) DLC	KM	29.371	4.640%	5.46	0.86%		
(b) PQC	KM	29.371	22.972%	0.87	0.68%		
<b>C- New culverts, minor bridges, underpasses, overpasses on existing road, realignments, bypasses:</b>							
<b>(1) Culverts (Pipe &amp; Box)</b>	No.	62	2.32%	36.5	1.12%		
<b>(2) Minor bridges</b>							
(a) Foundation	No.	42	2.38%	28	1.77%		
(b) Sub-Structure	No.	44	1.16%	8	0.25%		
(c) Super- Structure	No.	22	1.94%	2	0.25%		

Item	Stage for measurement	Unit	Qty.	Weightage in percentage to Contract Price	Quantity	% of Physical Progress	Remarks
1	2	3	4	5	6	7	8
	(including crash barrier etc. complete)						
	<b>(3) Cattle/Pedestrian underpasses</b>						
	(a) Foundation	No.	30	2.98%	29	2.89%	
	(b) Sub-Structure	No.	60	1.30%	45.5	0.99%	
	(c) Super- Structure (including crash barrier etc. complete)	No.	30	1.38%	19.5	0.90%	
	<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	0.78%	
	(b) Sub-Structure	No.	20	0.46%	19	0.44%	
	(c) Super- Structure (including crash barrier etc. complete)	No.	10	0.52%	8	0.42%	
	<b>(b) Overpass (VOP)</b>						
	(a) Foundation	No.	3	0.12%	2	0.093%	
	(b) Sub-Structure	No.	3	0.02%			
	(c) Super- Structure (including crash barrier etc. complete)	No.	2	0.12%			
	<b>(c) Flyover</b>						
	(a) Foundation	No.	8	1.11%	8	1.11%	
	(b) Sub-Structure	No.	8	0.46%	1	0.24%	
	(c) Super- Structure (including crash barrier etc. complete)	No.	6	0.51%		0.03%	
	<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%	11	0.42%	
	(c) Super- Structure (including crash barrier etc. complete)	No.	16	1.39%		0.43%	
	<b>D- New rail-road bridges</b>						
	(a) ROB						
	(a) Foundation	No.	38	6.77%	30	6.01%	
	(b) Sub-Structure	No.	38	1.05%	15	0.48%	
	(c) Super- Structure (including crash barrier etc. complete)	No.	34	2.42%			
	(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%			
<b>Other works</b>	<b>(i) Service roads/ Slip Roads / Connecting Road</b>	KM	2.425	0.66%			
	<b>(ii) Toll Plaza</b>	No.	2	0.63%			
	<b>(iii) Road side drains</b>	KM	29.371	1.38%			
	<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%			
	(b) Concrete Crash Barrier / W- Beam Crash Barrier / Thrie Beam Steel Barriers in road works	KM	29.371	1.16%			
	<b>(v) Project facilities</b>						
	(a) Bus Bays	No.	0	-			
	(b) Truck Lay-byes	No.	2	1.08%			
	(c) Smaller Parking service area	No.	3	0.648%			
	(d) Operation & Maintenance Centre	No.	1	0.27%			
	(e) Lighting	KM	31.000	0.044%			
	(f) ATMS	KM	31.000	0.456%			
	(g) Noise Barrier	KM	10.500	0.397%			
(h) Rain Water Harvesting	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
	Structure						
	(i) Fencing	KM	29.371	1.094%			
	(j) Utilities ( future ducts )	No.	62	0.234%	56	0.21%	
<b>Other works</b>	<b>(vi)Repairs to bridges/structures</b>			Not in Scope			
	<b>(vii) Land Scaping and Tree plantation</b>	KM	29.371	0.176%			
	<b>(viii) Protection works</b>						
	(a) Boulder Pitching/Turfing /other protection measures on slopes	KM	29.371	0.29%			
	(b) Toe/Retaining wall	KM	1.890	3.12%	0.78	1.31%	
	<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>41.22%</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 (30.06.2020)	
					Quantity	Percentage Progress
1	2	3	7	9		
<b>1</b>	<b>Earth Work up to Top of Subgrade</b>					
1.1	Clearing and grubbing of -MCW	Hec	29.37	0.044%	26.78	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%	25.71	0.01%
1.4	Construction of embankment - MCW Height up to 1 Mtr	Cu.m.	29.37	5.183%	25.71	4.54%
1.5	Construction of embankment - MCW Height 1 mtr to 2 Mtr	Cu.m.	29.37	4.319%	23.68	3.48%
1.6	Construction of embankment - MCW Height 2 mtr to 3 Mtr	Cu.m.	29.37	3.456%	22.21	2.61%
1.7	Construction of embankment - MCW Height 3 mtr to Emb top Bottom	Cu.m.	29.37	2.592%	14.65	1.29%
1.8	Construction of embankment - MCW Embankment Top	Cu.m.	29.37	1.728%	11.4525	0.67%
1.9	Construction of Sub grade - MCW	Cu.m.	29.37	2.086%	8.905	0.63%
<b>2</b>	<b>Grannular Sub Base Courses and Base Courses</b>					
2.1	Constructing Grannular Sub-base	Cu.m.	29.37	3.46%	6.1425	0.72%
<b>3</b>	<b>Shoulders</b>					

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (30.06.2020)	
					Quantity	Percentage Progress
3.1	Earthwork in filling of median / island area	Cu.m.	29.37	0.245%		
3.2	Construction of modified Earthen / un paved shoulders	Cu.m.	29.37	0.036%		
3.3	Providing min 200 mm dia NP4 pipes along the road in 2 Rows in shoulder	LM	29.37	0.691%		
<b>4</b>	<b>Rigid Pavement</b>					
4.01	Providing xxx mm thick DLC (M15) for CW	Cum	29.37	4.640%	5.455	0.86%
4.02	Providing xxx mm thick PQC for CW	Cum	29.37	22.972%	0.875	0.68%
<b>5</b>	<b>Pipe Culverts</b>					
5.01	Culvert Excavation	Cum	35.00	0.006%	30.5	0.01%
5.02	Culvert PCC M15 grade	Cum	35.00	0.114%	30.5	0.10%
5.03	Providing , laying and jointing NP4 (as per IS:458) Hume pipes for culverts, - Dia 1200 mm (Internal)	LM	35.00	0.232%	29	0.19%
<b>5a</b>	<b>Box Culverts</b>					
5.01a	Culvert Excavation	Cum	27.00	0.022%	18.5	0.02%
5.02a	Culvert PCC M15 grade	Cum	27.00	0.209%	15.5	0.12%
5.03a	Foundation RCC M 30 - Culvert	Cum	27.00	0.405%	13.5	0.20%
5.04a	HYS D bar in Foundation-Culvert	MT	27.00	0.480%	13.5	0.24%
5.05a	Substructure RCC M 30 - Culvert	Cum	27.00	0.304%	8	0.09%
5.06a	HYS D bar in Substructure-Culvert	MT	27.00	0.267%	8	0.08%
5.07a	Super Structure RCC M 30 - Culvert	Cum	27.00	0.153%	7.5	0.04%

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (30.06.2020)	
					Quantity	Percentage Progress
5.08a	HYSD bar in Super Structure-Culvert	MT	27.00	0.127%	7.5	0.04%
5.09a	Finishing Work (10% cost of overall work)	Nos.	27.00	0.000%		
<b>6A</b>	<b>Bill No: 6A Minor Bridges</b>					
6A,01	Structure excavation Ordinary and soft Soils - MNBR	Cum	42.00	0.056%	28	0.04%
6A,02	MNBR - PCC M15 grade	Cum	42.00	0.124%	28	0.08%
6A,03	MNBR - RCC M35 - Foundation	Cum	34.00	0.887%	20	0.52%
6A,04	HYSD bar reinforcement - Foundation	Mt	34.00	1.034%	28	0.85%
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%	10	0.10%
6A,08	HYSD bar reinforcement - substructure Abutment	Mt	44.00	0.445%	10	0.10%
6A,09	MNBR - RCC M35 - Abutment Cap	Cum	44.00	0.128%	7	0.02%
6A,10	HYSD bar reinforcement - Abutment cap	Mt	44.00	0.144%	7	0.02%
6A,11	RCC M35 - RCC Girder	Cum	10.00	0.118%	1	0.01%
6A,12	PSC M45 - PSC Girder	Cum	8.00	0.239%	1.4	0.04%
6A,13	HYSD bar reinforcement - Super structure Girder	Mt	18.00	0.586%	2.4	0.08%
6A,14	HT Steel for PSC Girder	Mt	8.00	0.323%	1.4	0.06%
6A,15	RCC M35 - SLAB	Cum	22.00	0.278%	2	0.03%



Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (30.06.2020)	
					Quantity	Percentage Progress
6A,16	HYSD bar reinforcement - SLAB	Mt	22.00	0.398%	2	0.04%
<b>6B</b>	<b>Bill No. 6B : PUP</b>					
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%	29	1.18%
6B,04	HYSD bar reinforcement - RAFT	Mt	30.00	1.560%	29	1.51%
6B,05	PUP RCC M35 Wall	Cum	60.00	0.677%	52	0.59%
6B,06	HYSD bar reinforcement - Wall	Mt	60.00	0.623%	52	0.54%
6B,07	PUP - RCC M35 - TOP Slab	Cum	30.00	0.674%	25	0.56%
6B,08	HYSD bar reinforcement - TOP Slab	Mt	30.00	0.706%	25	0.59%
6B,09	Finishing Work (10% cost of overall work)	Nos	30.00	0.000%		
<b>6C</b>	<b>Bill No. 6C : VUP</b>					
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	<b>VUP - RCC M35 - Raft</b>	Cum	3.00	0.096%	3	0.10%
6C,04	<b>HYSD bar reinforcement - Raft</b>	Mt	3.00	0.123%	3	0.12%
6C,05	VUP - RCC M35 - WALL	Cum	6.00	0.086%	5	0.07%
6C,06	<b>HYSD bar reinforcement - WALL</b>	Mt	6.00	0.079%	5	0.07%
6C,07	RCC M35 - TOP SLAB	Cum	3.00	0.096%	2	0.06%

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (30.06.2020)	
					Quantity	Percentage Progress
6C,08	HYSD bar reinforcement - TOP Slab	Mt	3.00	0.082%	2	0.05%
<b>6D</b>	<b>Bill No. 6D : LVUP</b>					
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%	6	0.16%
6D,08	HYSD bar reinforcement - TOP Slab	Mt	7.00	0.159%	6	0.14%
<b>6E</b>	<b>Bill No. 6E : VOP</b>					
6E,01	Structure Excavation for foundation of VOP	Cum	3.00	0.000%	2	0.00%
6E,02	Foundation PCC M15 grade for levelling course	Cum	3.00	0.001%	2	0.00%
6E,04	HYSD bar reinforcement - Foundation	Mt	3.00	0.054%	2	0.04%
6E,05	RCC M35 Pile Cap	Cum	3.00	0.012%	2	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%	1	0.00%
6E,08	HYSD bar reinforcement - ABUTMENT/Return Wall	Mt	2.00	0.002%	1	0.00%

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (30.06.2020)	
					Quantity	Percentage Progress
6E,09	RCC M35 - ABUTMENT CAP	Cum	2.00	0.002%		0.00%
6E,10	HYSD bar reinforcement - ABUTMENT CAP	Mt	2.00	0.004%		0.00%
6E,11	RCC M35 - PIER	Cum	1.00	0.001%		0.00%
6E,12	HYSD bar reinforcement - PIER	Mt	1.00	0.001%		0.00%
6E,13	RCC M35 - PIER CAP	Cum	1.00	0.001%		0.00%
6E,14	HYSD bar reinforcement -PIER CAP	Mt	1.00	0.002%		0.00%
6E,15	HYSD bar reinforcement - Super structure Girder	Mt	2.00	0.050%		0.00%
6E,16	HT Steel for PSC - Girder	Mt	2.00	0.033%		0.00%
6E,17	PSC M45 - Box Girder/PSC Girder	Cum	2.00	0.025%		0.00%
6E,18	M-35 for SLAB super structure	Cum	2.00	0.015%		0.00%
<b>6F</b>	<b>Bill No: 6F Flyover</b>					
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%	0	0.00%

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (30.06.2020)	
					Quantity	Percentage Progress
6F,09	HYSD bar reinforcement - Abutment cap	Mt	4.00	0.053%	0	0.00%
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%	1	0.02%
6F,13	HYSD bar reinforcement - Pier CAP	Mt	4.00	0.110%	1	0.03%
6F,14	RCC M35 - RCC Girder	Cum	4.00	0.032%	0.8	0.01%
6F,15	PSC M45 - Girder	Cum	2.00	0.053%	0	0.00%
6F,16	HYSD bar reinforcement - Girder	Mt	6.00	0.144%	0.8	0.02%
6F,17	HT Steel for PSC - Girder	Mt	2.00	0.072%	0	0.00%
6F,18	RCC M35 - SLAB	Cum	6.00	0.084%	0	0.00%
6F,19	HYSD bar reinforcement - SLAB	Mt	6.00	0.126%	0	0.00%
<b>6G</b>	<b>Bill No: 6G Major Bridges</b>					
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%

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (30.06.2020)	
					Quantity	Percentage Progress
6G,08	RCC M35 - ABUTMENT CAP	Cum	12.00	0.032%	7	0.02%
6G,09	HYSD bar reinforcement - ABUTMENT CAP	Mt	12.00	0.036%	7	0.02%
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%	4	0.04%
6G,13	HYSD bar reinforcement - Pier CAP	Mt	10.00	0.137%	4	0.05%
6G,14	PSC M45 - Girder	Cum	16.00	0.261%	7.25	0.12%
6G,15	HYSD bar reinforcement -Girder	Mt	16.00	0.343%	7.25	0.16%
6G,16	HT Steel for PSC -Girder	Mt	16.00	0.340%	7.25	0.15%
6G,17	RCC M35 - SLAB	Cum	16.00	0.178%	0	0.00%
6G,18	HYSD bar reinforcement - SLAB	Mt	16.00	0.265%	0	0.00%
<b>6H</b>	<b>Bill No. 6H : ROB</b>					
6H,01	Structural Excavation in ROB foundation	Cum	36.00	0.017%	30	0.01%
6H,02	ROB - Foundation PCC M15 grade Levelling course	Cum	36.00	0.034%	30	0.03%
6H,03	HYSD bar reinforcement - Foundation	Mt	36.00	3.292%	31.495	2.88%
6H,04	RCC M35 Pile Cap	Cum	36.00	0.715%	30	0.60%
6H,05	RCC M35 1.2m dia piles	Rm	36.00	2.710%	32.99	2.48%
6H,06	RCC M35 - ABUTMENT/Return Wall	Cum	4.00	0.019%	2	0.01%
6H,07	HYSD bar reinforcement - ABUTMENT/Return Wall	Mt	4.00	0.023%	2	0.01%

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (30.06.2020)	
					Quantity	Percentage Progress
6H,08	RCC M35 - ABUTMENT CAP	Cum	4.00	0.012%	2	0.01%
6H,09	HYSD bar reinforcement - ABUTMENT CAP	Mt	4.00	0.020%	2	0.01%
6H,10	RCC M35 - PIER	Cum	32.00	0.195%	16	0.10%
6H,11	HYSD bar reinforcement - PIER	Mt	32.00	0.299%	16	0.15%
6H,12	RCC M35 - PIER CAP	Cum	32.00	0.179%	13	0.07%
6H,13	HYSD bar reinforcement - Pier CAP	Mt	32.00	0.301%	13	0.12%
6G,14	PSC M45 - Girder	Cum	30.00	0.246%	0	0.00%
6G,15	HYSD bar reinforcement -Girder	Mt	30.00	0.314%	0	0.00%
6G,16	HT Steel for PSC -Girder	Mt	30.00	0.332%	0	0.00%
6H,14	RCC M35 - SLAB	Cum	30.00	0.260%	0	0.00%
6H,15	HYSD bar reinforcement - SLAB	Mt	30.00	0.382%	0	0.00%
6H,16	Providing and Fixing <b>Steel Girder</b> for Superstructure as per Technical Specification	Mt	4.00	0.889%	0	0.00%
<b>7</b>	<b>Reinforced Earth Wall</b>					
7.01	PCC For RE Wall Foundation	Cum	26,446.00	0.018%		
7.02	Providing RCC Facia Panel / Block	Sqm	26,446.00	0.261%		
7.03	Filter media behind RE walls	Cum	26,446.00	0.094%		
7.04	Construction of embankment with Reinforced Earth	Cum	26,446.00	0.225%		
7.05	RCC crash barrier with friction slab M 40	Rmt	3,952.02	0.246%		
<b>8</b>	<b>Service roads/ Slip Roads</b>					

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (30.06.2020)	
					Quantity	Percentage Progress
8.01	Construction of Subgrade	Cum	2.43	0.050%		
8.02	Construction of GSB	Cum	2.43	0.136%		
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%		
<b>9</b>	<b>Bill No.9: Toll Plaza</b>					
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 (30.06.2020)	
					Quantity	Percentage Progress
9.12	Toll Plaza Facilities	LS	2.00	0.043%		
<b>10</b>	<b>DRAINAGE</b>					
10.01	Drain Excavation	Cu.m.	29.37	0.066%		
10.02	Drain Lining	cum	29.37	0.479%		
10.03	RCC M 20 Grade Dain	Cum	29.37	0.241%		
10.04	HYSD bar reinforcement	Mt	29.37	0.117%		
10.05	Construction of chute lined drain in shoulder	L.M.	29.37	0.408%		
10.06	Construction of energy dissipation basin and sumps	Nos.	29.37	0.067%		
<b>11</b>	<b>Bill No. 11: Traffic signs, Road markings and other road appurtunences</b>					
11.01a	Providing Kerb M-20 grade	L.M.	29.37	0.116%		
11.01b	Painting on Kerbs	Sq.m	29.37	0.014%		
11.02a	Supplying & Fixing Sign Boards	KM	31.00	0.402%		
11.03a	Pavement marking	Sq.m	31.00	0.278%		
b)	<b>W-Beam Crash Barrier in Road work</b>					
11.06b	Providing and erecting " W " metal beam crash barrier	L.M.	29.37	1.160%		
<b>12</b>	<b>Wayside Amenities/Rest Area</b>					
12.01	Truck Parking service area	LS	2.00	1.08%		
12.02	Smaller Parking service area	LS	3.00	0.65%		
12.03	Providing operational and maintenance Center	No.	1.00	0.27%		
12.04	Providing & Placing Noise	Km.	9.30	0.40%		







Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (30.06.2020)	
					Quantity	Percentage Progress
	Barrier					
12.05	Providing lighting including all	Km.	31.00	0.04%		
12.06	Providing Advanced Traffic Management Systems (ATMS)	Km.	31.00	0.46%		
12.07	Providing min 600 mm dia NP4 pipes across the road for utility work	No.	50.00	0.23%	56	0.21%
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%		
<b>13</b>	<b>Road Side Plantation</b>					
	Land Scaping and Tree plantation	LS	29.37	0.176%		
<b>14</b>	<b>PROTECTION WORKS</b>					
I	<b>Boulder pitching on slopes</b>					
A	Providing and laying stone pitching on embankment slopes	cum	29.37	0.213%		
B	Providing and laying filter media underneath stone pitching	cum	29.37	0.077%		
II	<b>Toe/Retaining wall</b>					
A	Excavation of Retaining Wall + Toe Wall	Cu.m.	1.89	0.031%	1.168	0.02%
B	M-15 PCC Retaining Wall + Toe	Cu.m.	1.89	0.089%	1.168	0.05%


Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (30.06.2020)	
					Quantity	Percentage Progress
	Wall					
C	M-25 Retaining Wall + Toe Wall	Cum	1.89	1.626%	0.78	0.67%
D	HYSD - Retaining Wall + Toe Wall	MT	1.89	1.371%	0.78	0.57%
<b>15</b>	<b>MISCELLANEOUS WORKS</b>					
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%		
	<b>Total Amount</b>					<b>41.22 %</b>

## 4.0 Land Acquisition and Clearance

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

Land Status										
Sr. No	CHAINAGE		LENGTH (KM)	VILLAGE	SURVEY NO	Owner Name	UNCLEAR LENGTH (KM)		Hindrance Description	Photos
	FROM	TO					LHS	RHS		
1	296+350	296+450	0.100	Derol	519-old/ 749-new	Maniben W d/o Gambhirsinh Dadabhai and others	0.100	0.100	Mismatch of measurement due to promulgation of Re-survey By Gov of Gujarat. Ownership Issue.	
2	322+130	322+245	0.115	Matar Talpad	(468; 467-old ) (460,461 - new Survey no)	Jaydevprasad Ramanlal,Shree Bhikhabhai Laljibhai	0.115		Court Case and one side possession requested by Authority to CALA vide their letter dated 25.09.2019. Authority to obtain appropriate interim order to take possession for start of work & compensation may be disbursed when court procedure will be completed.However Authority has requested CALA for deposition of amount in court and provide possession vide their letter no.-503 dated 30.05.2020	

Land Status										
Sr. No	CHAINAGE		LENGTH (KM)	VILLAGE	SURVEY NO	Owner Name	UNCLEAR LENGTH (KM)		Hindrance Description	Photos
	FROM	TO					LHS	RHS		
3	313+630	313+735	0.105	Simaltha	303	Maheshbhai Vasava		0.105	Additional land required.CALA wrote to PIU for submitting proposal for additional land. Further PIU has written SECON for spot Survey & submission of report vide letter no.-145 dated 28/01/2020. No action has been taken by SECON so far.	
4	310+350	310+450	0.100	Kurchan	(480, 482, 490-old survey ni) (529/1,524 /1532/1,527 New Survey no.)	Vipul Patel	0.100	0.100	Land Compensation has been disbursed but owner has demanded for the compensation of Uciliptus trees. Authority has	

Land Status										
Sr. No	CHAINAGE		LENGTH (KM)	VILLAGE	SURVEY NO	Owner Name	UNCLEAR LENGTH (KM)		Hindrance Description	Photos
	FROM	TO					LHS	RHS		
5	310+110	310+160	0.050	Kurchan	(480, 482, 490-old survey ni) (529/1,524 /1532/1,527 New Survey no.)	Vipul Patel	0.050		Land Compensation has been disbursed but owner has demanded for the compensation of Uciliptus trees. Authority has	
<b>Length % of Project</b>			<b>31.000</b>				<b>0.335</b>			
			<b>100.00%</b>				<b>1.08%</b>			

**B)Area Wise:**

<b>Package - 3 (Sampa to Manubar)(Km 323.000 to Km 292.00)</b>							
<b>Sl. No.</b>	<b>Village Name</b>	<b>Taluka &amp; District</b>	<b>Area in Hec.</b>	<b>Award (Rs. In Cr.)</b>	<b>Disbus Area in Hec.</b>	<b>Disburs (Rs. In Cr.)</b>	<b>Disbus Area in %</b>
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)**

Sr No	Approvals as in Schedule -E	
a	Permission of the state Government for extraction of boulder from quarry	The company has given a subcontract to Mauni Minerals for supply of Aggregate and GSB material. They have already procured permission from State Government for extraction of boulders. Valid till 14.07.2025
B	Permission of Village panchayat and Pollution control board for installation of crusher.	Obtained. Valid till 14.07.2025
c	License for use of explosives	Work Agreement with Mauni Minerals (Agency) to Sub-agency (Sukhdev Enterprise) for quarrying of boulder is enclosed with its use, storage & transportation of explosives.  Valid till 31.03.2023
d	Permission from State government for drawing water from river/reservoir.	NA (For use of water, as per guideline of Ministry of water resource letter dated 26/10/2012, it is exempted from obtaining NOC if ground water used up to 100 cum/day i.e. 1 Lac liter/day in any Infrastructure Project., as our consumption is under the limit.)
E	License from Inspector of factories or competent authorities for setting up Batching Plant	Obtained. Valid till 17.09.2025.

Sr No	Approvals as in Schedule -E	
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	<i>Revised Drawing already submitted to All three Divisions of SSNL</i>	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	-	-	-	DGVCL has accepted 2.5% supervision charges as part payment and work is being carried out.
	GETCO	Estimate has been approved by competent authority of NHA I on 09.12.19	884 M			#342 on 01.05.2019						Estimates has been approved by NHA I on 05.12.19. Preliminary survey completed and drawing preparation is under progress.

Gas Pipe Lines	GAIL	<p><i>In the meeting held on 27<sup>th</sup> January 2020 with PD NHA I &amp; GM GAIL, accordingly revised GAD has been submitted by NHA I to GAIL on 03.02.2020 vide their letter no. 184</i></p>	300 M					Site Visit Charges Paid by NHA I without GST			<p>During meeting It is decided that at location of proposed minor bridges 296+432 &amp; 304+432 Gas pipe line protection will be done by HDD method. Cost towards HDD will be borne by NHA I and road will be constructed through earth work embankment at these locations. However for vertical clearance at 309+080 minor bridge GAIL will communicate later. (Affected Length -180M)</p>
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**4.3 A) Utility shifting/ Tree Cutting Progress Status-Length Wise**

<b>Utility Category</b>	<b>Name/ Department</b>	<b>Length affected (M)</b>	<b>Length Cleared (M)</b>	<b>Balance Affected Length (M)</b>
Water	GWSSB	80	80	0
	SSNNL	340	340	0
Electricity	DGVCL	2303	2303	0
	GETCO	884	0	884
Gas Pipe Lines	GAIL	300	120	180
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-2020	Balance to Completed	Remarks
<b>1</b>	<b>Electric Pole</b>						
	Bharuch Section						
	Bharuch division						
	i) Bharuch Subdivision	41		4	4	37	
	ii) Palej Subdivision	5				5	
	iii) Amod Subdivision	5				5	
	<b>Total</b>	<b>51</b>		<b>4</b>	<b>4</b>	<b>47</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	
	Total	0	0	0	0	0	
<b>4</b>	<b>H.T. Line crossing</b>						
	<b>Bharuch Section</b>	<b>6</b>			<b>6</b>	<b>6</b>	
	<b>Total</b>	<b>6</b>			<b>6</b>	<b>6</b>	
<b>5.</b>	<b>Water Utilities</b>						
	Bharuch Section						
	i) Bharuch Subdivision						
	ii) Jambusar Sub-division						
	<b>Total</b>	<b>64</b>			<b>11</b>	<b>53</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
1	Bharuch	Govt. Trees	All	164	Tree Cutting Permission is received vide letter No. NHAI/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	Current Status	COS Amount	Expected/Actual date of Approval
	NIL	NIL	NIL	NIL	NIL

## 6.0 Mobilization of Resources.

Sr. No	Equipment	Unit	Resource Required at peak	Deployed Machinery Month of June-2020
1	Excavator	Nos	16	21
2	Motor Grader	Nos	16	12
3	Dozer	Nos		4
4	Vibratory Roller	Nos	16	18
5	Tandem Roller	Nos	-	3
6	Baby roller	Nos	-	2
7	Wet Mix/ DLC Paver	Nos	1	2
8	Wet Mix Plant	Nos	1	1
9	PQC Paver	Nos	1	1
10	Pneumatic Tyre Roller	Nos	0	-
11	Dumpers/Tippers	Nos	107	71
12	FE Loaders/JCB	Nos	10	11
13	Water Tanker	Nos	23	20
14	Batching Plant CP60	Nos	2	2
15	Batching Plant CP 120	Nos	1	1
16	Batching Plant CP 240	Nos	1	1
17	Batching Plant 300 TPH (DLC)	Nos	1	1
18	Sand Washing plant	Nos	1	1
19	Transit Mixers	Nos	10	20
20	Boom Placer	Nos	1	2
21	Concrete Pump	Nos	1	2
22	Kerb Machine	Nos	1	0

## 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>OGI &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>	L.L.= 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	Specifications	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	5487	80	5567	3	0	3	1	0	1	5490	80	5570	
<b>Borrow Area (Embankment &amp; Subgrade)</b>																	
1	Free Swell Index	IS 2720 Part 40	2 test per 3000 m <sup>3</sup>	50 % Max	3494	0	3494	176	0	176	20	0	20	3670	0	3670	
2	Grain Size Analysis	IS 2720 Part 4	2 test per 3000 m <sup>3</sup>	-	3494	0	3494	176	0	176	20	0	20	3670	0	3670	
3	Plasticity Index	IS 2720 Part 5	2 test per 3000 m <sup>3</sup>	L.L.= Not>50 %,PI =Not> 25 %	3494	0	3494	176	0	176	20	0	20	3670	0	3670	
4	Max. Dry Density	IS 2720 Part 8	2 test per 3000 m <sup>3</sup>	Up to 3m 1.52 gm./cc More than 3m 1.60 gm./cc	3494	0	3494	176	0	176	20	0	20	3670	0	3670	



Sr. No.	Name of Test	Testing Method	Frequency of Test	Specifications	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	383	5	388	67	0	67	12	0	12	450	5	455	
<b>Earthwork Field test</b>																	
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	40645	819	41464	198	16	214	38	12	0	40843	835	41678	
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	582	47	629	46	6	52	26	4	0	628	53	681	
<b>GSB</b>																	
1	Sieve Analysis		1 Test /400M <sup>3</sup>	As per MORT&H Table 400-1	142	0	142	9	0	9	2	0	2	151	0	151	

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specifications	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	
2	Plasticity Index	IS 2720 Part 5	1 Test /400M <sup>3</sup>	LL=Not>25% PI=Not>6%	142	0	142	9	0	9	2	0	2	151	0	151	
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 Comp.Layer	IS 2720 Part 28	1 Test /1000M <sup>2</sup>	98% of Lab MDD	315	14	329	18	0	18	18	0	18	333	14	347	

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>PHYSICAL PROPERTIES OF AGGREGATE FOR CONCRETE</b>																	
1	Sieve Analysis of CA	IS 2386 Part 1	1 Test/Concrete ng Day	As per IS 383	683	0	683	31	0	31	7	0	7	714	0	714	
2	Sieve Analysis of FA	IS 2386 Part 1	1 Test/Concrete ng Day	As per IS 383	683	0	683	31	0	31	7	0	7	714	0	714	
3	Aggregate Impact Value	IS 2386 Part 4	1 Test/Concrete ng Day	As per IS 383	681	0	681	10	0	10	2	0	2	691	0	691	
4	Flakiness Index	IS 2386 Part 1	1 Test/Concrete ng Day	As per IS 383	681	0	681	10	0	10	2	0	0	691	0	691	
5	Silt Content	IS 383	As Required		513	0	513	31	0	31	0	0	0	544	0	544	

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specifications	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	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	<b>18 Cubes</b>	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				0	0	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	0	0	
3	M20 7 Days				3	0	3	0	0	0	0	0	0	0	0	3	0	3	
	28 Days				9	0	9	0	0	0	0	0	0	0	0	9	0	9	

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	M25 PCC 7 Days				46	0	46	0	0	0	0	0	0	46	0	46		
	28 Days				91	0	91	0	0	0	0	0	0	91	0	91		
5	M30 7 Days				80	0	80	0	0	0	0	0	0	0	80	0	80	
	28 Days				109	0	109	0	0	0	0	0	0	0	109	0	109	
6	M35 7 Days				155	0	155	0	0	0	0	0	0	0	155	0	155	
	28 Days				287	0	287	0	0	0	0	0	0	0	287	0	287	
7	M35 Pile 7 Days				93	0	93	0	0	0	0	0	0	0	93	0	93	
	28 Days				159	0	159	0	0	0	0	0	0	0	159	0	159	
8	M35 RE block	0	0	0	0	0	0	0	0	0	0	0	0	0				

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specifications	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		
9	7 Days	IS-516	36 cubes & 30 beams	As per MoRT&H															
	28 Days				0	0	0	0	0	0	0	0	0	0	0				
	M40 7 Days				55	0	55	0	0	0	0	0	0	55	0	55			
	28 Days				87	0	87	0	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	0	19	0	19			
11	M50 7 Days							25	0	25	0	0	0	0	0	25	0	25	
	28 Days				28	0	28	0	0	0	0	0	0	28	0	28			
12	M40 PQC 7 Days				58	0	58	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	
13	28 Days	M40 PQC Fl. Strength 7 Days	10 cubes	As per MoRT&H	290	0	290	0	0	0	0	0	0	290	0	290	
	58				0	58	0	0	0	0	0	0	58	0	58		
	290				0	290	0	0	0	0	0	0	290	0	290		
14	DLC 7 Days	IS-516	10 cubes	As per MoRT&H	97	29	126	0	0	0	0	0	0	97	29	126	
<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 -	As per MoRT&H	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	
2	M20 Kerb 7 Days				0	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
	28 Days		31- 50 m3 +1 test for every 50m3 concrete		0	0	0	0	0	0	0	0	0	0	0		
3	M25 PCC 7 Days			493	0	493	3	0	3	1	0	1	496	0	496		
	28 Days			1188	0	1188	11	0	11	3	0	3	1199	0	1199		
4	M30 7 Days			256	0	256	12	0	12	4	0	4	268	0	268		
	28 Days			873	0	873	103	0	103	25	0	25	976	0	976		
5	M35 7 Days			1054	0	1054	31	0	31	8	0	8	1085	0	1085		
	28 Days			3404	0	3404	218	0	218	58	0	58	3622	0	3622		
6	M35 Pile 7 Days			824	0	824	0	0	0	0	0	0	824	0	824		



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				2597	0	2597	0	0	0	0	0	0	2597	0	2597	
7	M35 RE block 7 Days				4	0	4	0	0	0	0	0	0	4	0	4	
	28 Days				14	0	14	0	0	0	0	0	0	14	0	14	
8	M40 7 Days				4	0	4	0	0	0	0	0	0	4	0	4	
	28 Days				12	0	12	0	0	0	0	0	0	12	0	12	
9	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	
10	M50 PSC 7 Days				63	0	63	5	0	5	1	0	1	68	0	68	

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				158	0	158	36	0	36	7	0	7	194	0	194		
11	M40 PQC 7 Days	IS-516	1 test of 2 cubes & 2beams for 150 m3 or Min. 6 cubes & 6 beams for the day	As per MoRT&H	9	0	9	0	0	0	0	0	0	9	0	9		
	28 Days				59	0	59	0	0	0	0	0	0	59	0	59		
12	M40 PQC F.S 7 Days				9	0	9	0	0	0	0	0	0	0	9	0	9	
	28 Days				59	0	59	0	0	0	0	0	0	0	59	0	59	
13	DLC 7 Days	IS-516	1set of 3cubes for 1000 m2	Asper MoRT&H	160	0	160	39	0	39	8	0	8	199	0	199		
14	DLC FDD	IS 2720 Part 28	1 Test /2000M <sup>2</sup>	98% of Ref. Density	95	0	95	17	0	17	4	0	4	112	0	112		

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specifications	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>Cement</b>																	
1	Fineness	IS 4031	1 Test/Week		153	0	153	14	0	14	2	0	2	167	0	167	
2	Consistency	IS 4031	1 Test/Week		153	0	153	14	0	14	2	0	2	167	0	167	
3	Setting Time	IS 4031	1 Test/Week		153	0	153	14	0	14	2	0	2	167	0	167	
4	Soundness	IS 4031	1 Test/Week		71	0	71	0	0	0	0	0	0	71	0	71	
5	Compressive Strength	IS 4031	1 Test/Week														
	a) 3 Days		01 set = 3 Cube		152	0	152	15	0	15	2	0	2	167	0	167	
	b) 7 Days		01 set = 3 Cube		154	0	154	12	0	12	2	0	2	166	0	166	
	c) 28 Days		01 set = 3		118	0	118	14	0	14	2	0	2	132	0	132	

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	
			Cube														

## 8.2 Weather report

<b><u>WEATHER REPORT (Month of June -2020)</u></b>								
Sl. No.	Date	Temperature °C		Humidity %		Rainfall (mm)	Cum. Rainfall (mm)	Weather Condition
		Min. Temp.	Max. Temp.	Min.	Max.			
1	01-Jun-20	29.0	41.0	23.0	58.0	0.0	0.0	Sunny
2	02-Jun-20	27.0	39.0	21.0	55.0	0.0	0.0	Sunny
3	03-Jun-20	28.0	39.0	25.0	57.0	0.0	0.0	Sunny
4	04-Jun-20	25.0	40.0	27.0	49.0	0.0	0.0	Sunny
5	05-Jun-20	26.0	38.0	23.0	53.0	0.0	0.0	Sunny/Cloudy
6	06-Jun-20	27.0	39.0	28.0	61.0	10.0	10.0	Rainy/Cloudy
7	07-Jun-20	28.0	36.0	30.0	60.0	0.0	10.0	Sunny/Cloudy
8	08-Jun-20	27.0	34.0	31.0	59.0	0.0	10.0	Sunny/Cloudy
9	09-Jun-20	26.0	33.0	31.0	57.0	3.0	13.0	Rainy/Cloudy
10	10-Jun-20	24.0	36.0	36.0	72.0	52.0	65.0	Rainy
11	11-Jun-20	27.0	41.0	37.0	78.0	0.0	65.0	Sunny/Cloudy
12	12-Jun-20	26.0	34.0	39.0	80.0	110.0	175.0	Rainy
13	13-Jun-20	29.0	42.0	42.0	75.0	0.0	175.0	Sunny/Cloudy
14	14-Jun-20	28.0	38.0	48.0	83.0	109.0	284.0	Rainy
15	15-Jun-20	29.0	35.0	49.0	85.0	0.0	284.0	Sunny/Cloudy
16	16-Jun-20	29.0	38.0	48.0	87.0	84.0	368.0	Rainy
17	17-Jun-20	27.0	37.0	45.0	87.0	0.0	368.0	Cloudy
18	18-Jun-20	29.0	38.0	47.0	88.0	0.0	368.0	Cloudy
19	19-Jun-20	29.0	39.0	49.0	87.0	0.0	368.0	Cloudy
20	20-Jun-20	26.0	37.0	51.0	86.0	0.0	368.0	Sunny
21	21-Jun-20	28.0	38.0	53.0	87.0	0.0	368.0	Sunny/Cloudy
22	22-Jun-20	29.0	37.0	52.0	85.0	0.0	368.0	Sunny/Cloudy

## WEATHER REPORT (Month of June -2020)

Sl. No.	Date	Temperature °C		Humidity %		Rainfall (mm)	Cum. Rainfall (mm)	Weather Condition
23	23-Jun-20	27.0	39.0	51.0	87.0	0.0	368.0	Sunny/Cloudy
24	24-Jun-20	26.0	37.0	54.0	88.0	0.0	368.0	Sunny/Cloudy
25	25-Jun-20	25.0	39.0	52.0	86.0	0.0	368.0	Sunny/Cloudy
26	26-Jun-20	24.0	40.0	55.0	89.0	0.0	368.0	Sunny/Cloudy
27	27-Jun-20	25.0	38.0	51.0	87.0	0.0	368.0	Sunny/Cloudy
28	28-Jun-20	29.0	40.0	41.0	76.0	0.0	368.0	Sunny/Cloudy
29	29-Jun-20	27.0	39.0	44.0	75.0	20.0	388.0	Rainy/Cloudy
30	30-Jun-20	29.0	39.0	42.0	82.0	21.0	409.0	Rainy/Cloudy
	<b>Average</b>	<b>27.2</b>	<b>38.0</b>	<b>40.8</b>	<b>75.3</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-10**

### 9.2 Accident report:

Accident Type: Minor Accident

Description: Accident Between Bharat Benz and Bolero coming from village road at Ch. 303+808.

## 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	18	-	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	18 Nos Approved, 4 Nos Under review with IE.
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

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
					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
5	Minor Bridge	11	11	6	294+085	Submitted via letter no. 189 dated 19.12.2019	Comments received via letter No. 1554 dated 03.03.2020	Pending with Concessionaire
					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	Pending with IE
					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.



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
								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
					309+100 -G	Submitted via letter no. 254 dated 17.10.2019	Comments received via letter No. 1003 dated 08.11.2019	In meeting held with GAIL, drawing with MONO pile has been proposed for concurrence. Under Review with IE.
					309+840	Submitted via letter no. 011 Dated 08.01.2020	Approved via mail dt. 25.11.2019	Approved
					310+752 -G	Submitted via letter no. 199 dated 31.12.2019	Comments received via letter No. 1465 dated 15.02.2020	Pending with concessionaire
					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	Pending with concessionaire

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	22	-	<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>	22 Nos approved
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

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
					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	-	307+193	Submitted via letter no. 003 dated 01.01.2020 & PVKEPL/HO/VKP3/IE/374/20 20 dt. 02.02.2020	Comments received via letter No. 1555 dated 03.03.2020	Under review with IE
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

## 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	<b>APPROVED</b>	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	<b>APPROVED</b>	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	<b>APPROVED</b>	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	<b>APPROVED</b>	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	<b>APPROVED</b>	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	<b>APPROVED</b>	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	<b>APPROVED</b>	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

### 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
<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>5</b>	<b>Fly Ash</b>		
i	Suyog Element India Pvt. Ltd	04.10.2019	AA/VKE/PVKEPL/193/19-20/Q & M /926
a)	Micro Silica/ GGBS		
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

<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
<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
<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
vi	M/s Vadol Corporation Ltd(Reinforcement couplers)	31.12.2019	AA/VKE/PVKEPL/266/19-20/Q & M /1243
vii	M/s Usha Martin Ltd(HT Strands)	07.01.2020	AA/VKE/PVKEPL/276/19-20/Q & M /1283

<b>Sr No</b>	<b>Description</b>	<b>Date of Approval</b>	<b>Approval Letter No.</b>
<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
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



<b>Sr No</b>	<b>Description</b>	<b>Date of Approval</b>	<b>Approval Letter No.</b>
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
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

<b>Sr No</b>	<b>Description</b>	<b>Date of Approval</b>	<b>Approval Letter No.</b>
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
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

<b>Sr No</b>	<b>Description</b>	<b>Date of Approval</b>	<b>Approval Letter No.</b>
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
<b>15</b>	<b>GSB Mix Design</b>	20.08.19	AA/VKE/PVKEPL/161/18-19/Q & M /751
<b>16</b>	<b>WMM Mix Design</b>	24.09.19	AA/VKE/PVKEPL/182/18-19/Q & M /880
<b>17</b>	<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	<b>20.03.20</b>	<b>AA/VKE/PVKEPL/349/19-20/Q&amp;M/1638</b>
4	PQC Mix Design with Saurashtra cement-43 grade, GGBS & BASF Admixture	<b>20.03.20</b>	<b>AA/VKE/PVKEPL/352/19-20/Q&amp;M/1641</b>
<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)	20.08.2019	AA/VKE/PVKEPL/163/18-19/Q & M /753

<b>Sr No</b>	<b>Description</b>	<b>Date of Approval</b>	<b>Approval Letter No.</b>
2	M30 RCC (Sidhee opc 53+ Kunal admixture)	20.08.2019	AA/VKE/PVKEPL/163/18-19/Q & M /753
3	M35 RCC (Sidhee opc 53+ Kunal admixture)	20.08.2019	AA/VKE/PVKEPL/163/18-19/Q & M /753
4	M35 PILE (Sidhee opc 53+ Kunal admixture)	20.08.2019	AA/VKE/PVKEPL/163/18-19/Q & M /753
5	M40 RCC (Sidhee opc 53+ Kunal admixture)	20.08.2019	AA/VKE/PVKEPL/163/18-19/Q & M /753
6	M25 PCC (Ultratech opc 53+ Kunal admixture)	20.08.2019	AA/VKE/PVKEPL/163/18-19/Q & M /753
7	M30 RCC (Ultratech opc 53+ Kunal admixture)	20.08.2019	AA/VKE/PVKEPL/163/18-19/Q & M /753
8	M35 RCC (Ultratech opc 53+ Kunal admixture)	20.08.2019	AA/VKE/PVKEPL/163/18-19/Q & M /753
9	M35 PILE (Ultratech opc 53+ Kunal admixture)	24.09.2019	AA/VKE/PVKEPL/178/18-19/Q & M /876
10	M40 RCC (Ultratech opc 53+ Kunal admixture)	24.09.2019	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
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

<b>Sr No</b>	<b>Description</b>	<b>Date of Approval</b>	<b>Approval Letter No.</b>
34	M50 PSC (Sourashtra OPC 53+Flyash+Fosroc admixture)	31.12.19	AA/VKE/PVKEPL/265/18-19/Q & M /1242

### **Borrow Area:-**

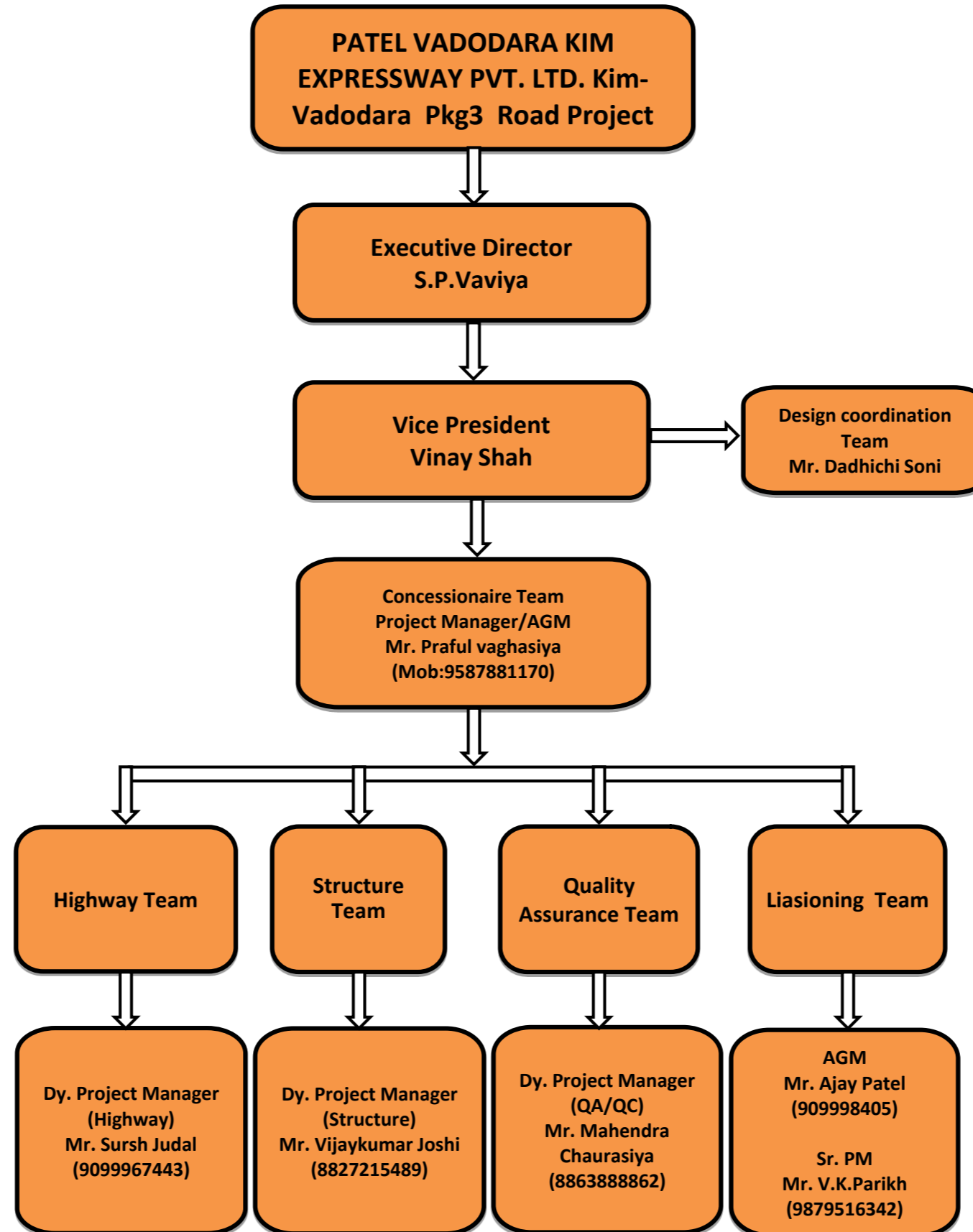
<b>Status</b>	<b>Number of Borrow areas</b>	<b>Qty(Cum)</b>
Approved	129	4513253
Submitted	40	1583907
<b>Total</b>	<b>169</b>	<b>6097160</b>

**NCR Status :-**

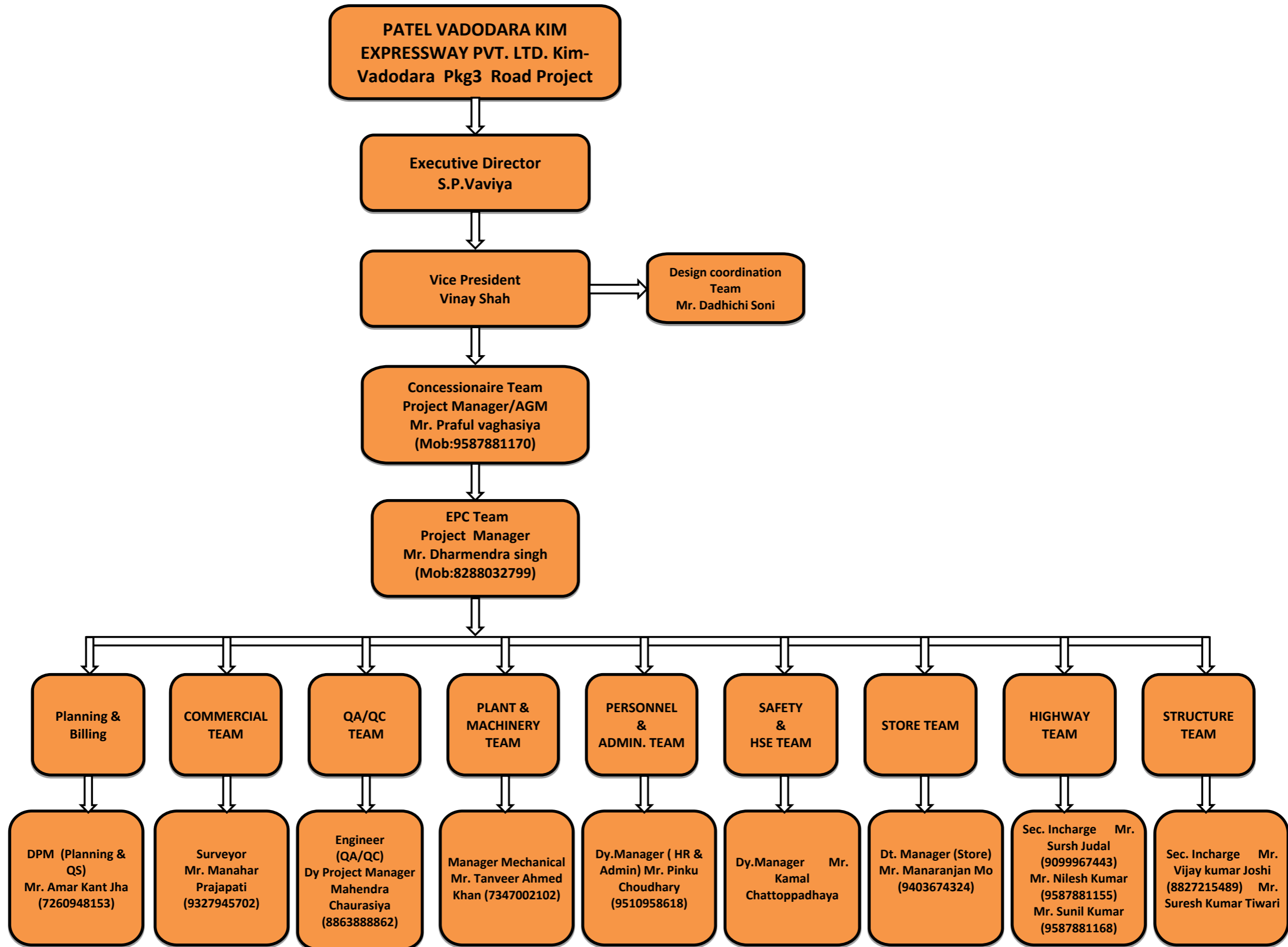
Sr. No.	NCPN NO	ISSUED DATE	DESCRIPTION OF NON-CONFORMANCE	DESCRIPTION OF REMEDIAL ACTION	REMEDIAL ACTION		CLOSED OUT DATE	REMARK
					YES	NO		
1	IE/NCR/PKG-III/001	12.11.2019	Embankment construction is carried out without treatment of OGL soil	Prooved OGL is Suitable	Yes		13.11.19	NCR Closed
2	IE/NCR/PKG-III/002	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	Done properly	Yes		12.08.19	NCR Closed

<b>Annexure -1 Impact of Covid -19 On Labour Strength</b>		
<b>Date</b>	<b>Labour Strength as on date</b>	<b>Number of Labour Mobilized/Left Site</b>
1-Jun-20	240	
2-Jun-20	232	24
3-Jun-20	256	12
4-Jun-20	268	-8
5-Jun-20	260	15
6-Jun-20	275	-20
7-Jun-20	255	26
8-Jun-20	281	3
9-Jun-20	284	4
10-Jun-20	288	-36
11-Jun-20	252	-7
12-Jun-20	245	-23
13-Jun-20	222	-32
14-Jun-20	190	22
15-Jun-20	212	-9
16-Jun-20	203	-15
17-Jun-20	188	3
18-Jun-20	191	2
19-Jun-20	193	1
20-Jun-20	194	-4
21-Jun-20	190	6
22-Jun-20	196	2
23-Jun-20	198	10
24-Jun-20	208	1
25-Jun-20	209	14
26-Jun-20	223	-12
27-Jun-20	211	-10
28-Jun-20	201	-15
29-Jun-20	186	-11
30-Jun-20	175	
<b>Note - Negative number indicates number of Labour Left Site on particular Day after Lock Down is Partially lifted</b>		

# Project Organization Chart







Structure RFI							
RFI NO.	Inspection date	Item Description	Chainage From	Chainage To	Side	Contact Person	Remarks
VKE-3/PIL/STR/9351	1-Jun-20	Checking of Reinforcement & Formwork for P1 Pile Cap	307+170				
VKE-3/PIL/STR/9352	1-Jun-20	Pouring M30 concrete for P1 Pile Cap	307+170				
VKE-3/PIL/STR/9353	1-Jun-20	Checking of Reinforcement & Formwork for Top Slab	306+820		LHS		
VKE-3/PIL/STR/9354	1-Jun-20	Pouring M35 concrete for Top Slab	306+820		LHS		
VKE-3/PIL/STR/9355	1-Jun-20	Checking of Reinforcement & Formwork for Ret. Wall footing	322+752	322+770	LHS		
VKE-3/PIL/STR/9356	1-Jun-20	Pouring M30 concrete for Ret. Wall footing	322+752	322+770	LHS		
VKE-3/PIL/STR/9357	1-Jun-20	Checking of Ground Improvement 1st layer	322+550		RHS		
VKE-3/PIL/STR/9358	2-Jun-20	Pouring M35 grade of concrete for slab	306+820		LHS		
VKE-3/PIL/STR/9359	3-Jun-20	Checking of Reinforcement & Formwork for Ret. Wall footing	322+752	322+770	LHS		
VKE-3/PIL/STR/9360	3-Jun-20	Pouring M30 concrete for Ret. Wall footing	322+752	322+770	LHS		
VKE-3/PIL/STR/9361	3-Jun-20	Checking of Reinforcement & Formwork for Ret. Wall final lift	322+470	322+490	LHS		
VKE-3/PIL/STR/9362	3-Jun-20	Pouring M30 concrete for Ret. Wall final lift	322+470	322+490	LHS		
VKE-3/PIL/STR/9363	3-Jun-20	1st stage cable stressing of girder-G4 for A1-A2 span	307+733		RHS		
VKE-3/PIL/STR/9364	3-Jun-20	1st stage cable stressing of girder-G5 for A1-A2 span	307+733		RHS		
VKE-3/PIL/STR/9365	3-Jun-20	1st stage cable stressing of girder-G6 for A1-A2 span	307+733		RHS		
VKE-3/PIL/STR/9366	3-Jun-20	Pouring M25 PCC for A2 pile cap	307+170				
VKE-3/PIL/STR/9367	4-Jun-20	Pouring M25 PCC for A2 pile cap	307+170				
VKE-3/PIL/STR/9368	4-Jun-20	Checking of Reinforcement & Formwork for Ret. Wall Raft	318+950	318+970	RHS		
VKE-3/PIL/STR/9369	4-Jun-20	Pouring M30 concrete for Ret. Wall Raft	318+950	318+970	RHS		
VKE-3/PIL/STR/9370	4-Jun-20	1st stage cable stressing of girder-G4 for A1-A2 span	307+733		RHS		
VKE-3/PIL/STR/9371	4-Jun-20	1st stage cable stressing of girder-G5 for A1-A2 span	307+733		RHS		
VKE-3/PIL/STR/9372	4-Jun-20	1st stage cable stressing of girder-G6 for A1-A2 span	307+733		RHS		
VKE-3/PIL/STR/9373	4-Jun-20	Profile checking of girder-G6 of P2-A2 span	302+713		LHS		
VKE-3/PIL/STR/9374	4-Jun-20	Checking of Reinforcement & Formwork for slab	294+985		RHS		
VKE-3/PIL/STR/9375	4-Jun-20	Pouring M30 concrete for slab	294+985		RHS		
VKE-3/PIL/STR/9376	4-Jun-20	Checking of Reinforcement & Formwork for A2 1st lift	297+472		LHS		
VKE-3/PIL/STR/9377	4-Jun-20	Pouring M35 concrete for A2 1st lift	297+472		LHS		
VKE-3/PIL/STR/9378	4-Jun-20	Checking of Reinforcement & Formwork for A2 1st lift	297+472		RHS		
VKE-3/PIL/STR/9379	4-Jun-20	Pouring M35 concrete for A2 1st lift	297+472		RHS		
VKE-3/PIL/STR/9380	5-Jun-20	Checking of Reinforcement & Formwork for A1 & Ret. Wall 3rd lift	309+840		L.H.S		
VKE-3/PIL/STR/9381	5-Jun-20	Pouring M35 concrete for A1 & Ret. Wall 3rd lift	309+840		L.H.S		
VKE-3/PIL/STR/9382	5-Jun-20	Checking of Reinforcement & Formwork for A2 & Ret. Wall 2nd lift	309+840		R.H.S		
VKE-3/PIL/STR/9383	5-Jun-20	Pouring M35 concrete for A2 & Ret. Wall 2nd lift	309+840		R.H.S		
VKE-3/PIL/STR/9384	5-Jun-20	Checking of Formwork & Pouring M50 concrete for Girder-G6 of A2-P2 span	302+713		L.H.S		
VKE-3/PIL/STR/9385	5-Jun-20	Checking of Reinforcement & Formwork for A1 & A2 final lift	313+055		L.H.S		
VKE-3/PIL/STR/9386	5-Jun-20	Pouring M35 RMC for A1 & A2 final lift	313+055		L.H.S		
VKE-3/PIL/STR/9387	5-Jun-20	Checking of Reinforcement & Formwork for A2 1st lift	314+314		RHS		
VKE-3/PIL/STR/9388	5-Jun-20	Pouring M35 concrete for A2 1st lift	314+314		RHS		
VKE-3/PIL/STR/9389	5-Jun-20	Checking of Reinforcement & Formwork for P2 2nd lift	314+314		RHS		
VKE-3/PIL/STR/9390	5-Jun-20	Pouring M35 concrete for P2 2nd lift	314+314		RHS		
VKE-3/PIL/STR/9391	5-Jun-20	Checking of Reinforcement & Formwork for A2 2nd lift	297+472		L.H.S		
VKE-3/PIL/STR/9392	5-Jun-20	Pouring M35 concrete for A2 2nd lift	297+472		L.H.S		
VKE-3/PIL/STR/9393	5-Jun-20	Checking of Reinforcement & Formwork for A2 1st lift	297+472		R.H.S		
VKE-3/PIL/STR/9394	5-Jun-20	Pouring M35 concrete for A2 1st lift	297+472		R.H.S		
VKE-3/PIL/STR/9395	6-Jun-20	Pouring M35 concrete for A2 1st lift	314+314		R.H.S		
VKE-3/PIL/STR/9396	6-Jun-20	Pouring M35 concrete for P2 2nd lift	314+314		L.H.S		
VKE-3/PIL/STR/9397	6-Jun-20	Pouring M35 concrete for A2 1st lift	297+472		L.H.S		
VKE-3/PIL/STR/9398	6-Jun-20	Pouring M35 concrete for A2 1st lift	297+472		R.H.S		
VKE-3/PIL/STR/9399	6-Jun-20	Checking of Formwork & Pouring M50 concrete for Girder-G6 of A2-P2 span	302+713		L.H.S		
VKE-3/PIL/STR/9400	6-Jun-20	Grouting of girder-G1, G2, G3 of cable no.-3 & 4 for A1-P1 span	302+713		L.H.S		
VKE-3/PIL/STR/9401	6-Jun-20	Grouting of girder-G4, G5, G6 of cable no.-3 & 4 for A1-P1 span	302+713		L.H.S		
VKE-3/PIL/STR/9402	07-Jun-20	Pouring M35 concrete for A2 2nd lift	314+314		R.H.S		
VKE-3/PIL/STR/9403	7-Jun-20	Pouring M35 concrete for P2 2nd lift	314+314		L.H.S		
VKE-3/PIL/STR/9404	07-Jun-20	Checking of Reinforcement & Formwork for A1 & A2 3rd lift	315+850		R.H.S		
VKE-3/PIL/STR/9405	7-Jun-20	Pouring M35 concrete for A1 & A2 3rd lift	315+850		R.H.S		
VKE-3/PIL/STR/9406	07-Jun-20	Checking of Reinforcement & Formwork for A1 & A2 final lift	299+858		R.H.S		
VKE-3/PIL/STR/9407	7-Jun-20	Pouring M30 concrete for A1 & A2 final lift	299+858		R.H.S		
VKE-3/PIL/STR/9408	07-Jun-20	Checking of Reinforcement & Formwork for A1 Shaft & Ret. Wall 2nd lift	310+725		L.H.S		
VKE-3/PIL/STR/9409	7-Jun-20	Pouring M35 concrete for A1 Shaft & Ret. Wall 2nd lift	310+725		L.H.S		
VKE-3/PIL/STR/9410	8-Jun-20	Checking of Reinforcement & Formwork for Raft	307+778		R.H.S		
VKE-3/PIL/STR/9411	8-Jun-20	Pouring M30 concrete for Raft	307+778		R.H.S		
VKE-3/PIL/STR/9412	8-Jun-20	Checking of Reinforcement & Formwork for A1 & A2 final lift	292+400		R.H.S		
VKE-3/PIL/STR/9413	8-Jun-20	Pouring M35 concrete for A1 & A2 final lift	292+400		R.H.S		
VKE-3/PIL/STR/9414	8-Jun-20	Checking of Reinforcement & Formwork for Slab	299+858		R.H.S		
VKE-3/PIL/STR/9415	8-Jun-20	Pouring M30 concrete for Slab	299+858		R.H.S		
VKE-3/PIL/STR/9416	9-Jun-20	Checking of Reinforcement & Formwork for Ret. Wall final lift	318+930	318+950	R.H.S		
VKE-3/PIL/STR/9417	9-Jun-20	Pouring M30 concrete for Ret. Wall final lift	318+930	318+950	R.H.S		
VKE-3/PIL/STR/9418	9-Jun-20	Checking of Reinforcement & Formwork for A2 & return wall 2nd lift	313+809		L.H.S		
VKE-3/PIL/STR/9419	9-Jun-20	Pouring M35 concrete for A2 & return wall 2nd lift	313+809		L.H.S		
VKE-3/PIL/STR/9420	9-Jun-20	Grouting at girder-G7 of cable no.-3 & 4 for A1-P1 span	302+713		L.H.S		

Structure RFI							
RFI NO.	Inspection date	Item Description	Chainage From	Chainage To	Side	Contact Person	Remarks
VKE-3/PIL/STR/9421	9-Jun-20	Grouting at girder-G1 of cable no.-3 & 4 for A2-P2 span	302+713		L.H.S		
VKE-3/PIL/STR/9422	9-Jun-20	Girder-G7 cable stressing of cable no.-3 & 4 for A1-A2 span	307+733		R.H.S		
VKE-3/PIL/STR/9423	9-Jun-20	Girder-G1, G2 cable stressing of cable no.-3 & 4 for A1-A2 span	307+733		L.H.S		
VKE-3/PIL/STR/9424	9-Jun-20	Girder-G3, G4 cable stressing of cable no.-3 & 4 for A1-A2 span	307+733		L.H.S		
VKE-3/PIL/STR/9425	9-Jun-20	Checking of Reinforcement & Formwork for A2 1st lift	302+055		R.H.S		
VKE-3/PIL/STR/9426	9-Jun-20	Pouring M35 concrete for A2 1st lift	302+055		R.H.S		
VKE-3/PIL/STR/9427	10-Jun-20	Checking of Reinforcement & Formwork for Slab	313+055		L.H.S		
VKE-3/PIL/STR/9428	10-Jun-20	Checking of Reinforcement & Formwork for A1 Pile Cap	307+193				
VKE-3/PIL/STR/9429	10-Jun-20	Pouring M35 concrete for A1 Pile Cap	307+193				
VKE-3/PIL/STR/9430	10-Jun-20	Checking of Reinforcement & Formwork for Slab	301+214		R.H.S		
VKE-3/PIL/STR/9431	10-Jun-20	Grouting at girder-G1 of cable no.-3 & 4 for A1-A2 span	307+733		L.H.S		
VKE-3/PIL/STR/9432	10-Jun-20	Grouting at girder-G4, G5 of cable no.-3 & 4 for A1-A2 span	307+733		R.H.S		
VKE-3/PIL/STR/9433	10-Jun-20	Grouting at girder-G6, G7 of cable no.-3 & 4 for A1-A2 span	307+733		R.H.S		
VKE-3/PIL/STR/9434	10-Jun-20	Girder-G5, G6 cable stressing of cable no.-3 & 4 for A1-A2 span	307+733		L.H.S		
VKE-3/PIL/STR/9435	10-Jun-20	Girder-G7 cable stressing of cable no.-3 & 4 for A1-A2 span	307+733		L.H.S		
VKE-3/PIL/STR/9436	11-Jun-20	Routine Pile Load Test of Pile no.-5 at A2	307+170				
VKE-3/PIL/STR/9437	11-Jun-20	Grouting at girder-G2, G3 of cable no.-3 & 4 for A1-A2 span	307+733		L.H.S		
VKE-3/PIL/STR/9438	11-Jun-20	Grouting at girder-G4, G5 of cable no.-3 & 4 for A1-A2 span	307+733		L.H.S		
VKE-3/PIL/STR/9439	11-Jun-20	Grouting at girder-G6, G7 of cable no.-3 & 4 for A1-A2 span	307+733		L.H.S		
VKE-3/PIL/STR/9440	11-Jun-20	Checking of Reinforcement & Formwork for Slab	313+055		L.H.S		
VKE-3/PIL/STR/9441	11-Jun-20	Checking of Reinforcement & Formwork for Slab	301+214		R.H.S		
VKE-3/PIL/STR/9442	12-Jun-20	Checking of Reinforcement & Formwork for Slab	301+214		R.H.S		
VKE-3/PIL/STR/9443	12-Jun-20	Pouring M35 concrete for Slab	301+214		R.H.S		
VKE-3/PIL/STR/9444	12-Jun-20	Checking of Reinforcement & Formwork for Slab	292+400		R.H.S		
VKE-3/PIL/STR/9445	12-Jun-20	Girder-G2, G3 cable stressing of cable no.-3 & 4 for A1-P1 span	318+870		R.H.S		
VKE-3/PIL/STR/9446	12-Jun-20	Girder-G4, G5 cable stressing of cable no.-3 & 4 for A1-P1 span	318+870		R.H.S		
VKE-3/PIL/STR/9447	12-Jun-20	Pouring M35 concrete for top Slab	313+055		L.H.S		
VKE-3/PIL/STR/9448	13-Jun-20	Checking of Reinforcement & Formwork for Slab	292+400		R.H.S		
VKE-3/PIL/STR/9449	13-Jun-20	Pouring M35 concrete for Slab	292+400		R.H.S		
VKE-3/PIL/STR/9450	13-Jun-20	Checking of Reinforcement & Formwork for A2 pier 1st lift	307+193				
VKE-3/PIL/STR/9451	13-Jun-20	Pouring M35 concrete for A2 pier 1st lift	307+193				
VKE-3/PIL/STR/9452	13-Jun-20	Girder-G6, G7 cable stressing of cable no.-3 & 4 for A1-P1 span	321+253		R.H.S		
VKE-3/PIL/STR/9453	13-Jun-20	Girder-G1 cable stressing of cable no.-3 & 4 for A1-P1 span	321+253		L.H.S		
VKE-3/PIL/STR/9454	13-Jun-20	Girder-G5, G6 cable stressing of cable no.-3 & 4 for A1-P1 span	321+253		L.H.S		
VKE-3/PIL/STR/9455	14-Jun-20	Girder-G5, G6 cable stressing of cable no.-3 & 4 for P1-A2 span	321+253		L.H.S		
VKE-3/PIL/STR/9456	14-Jun-20	Girder-G7 cable stressing of cable no.-3 & 4 for P1-A2 span	321+253		L.H.S		
VKE-3/PIL/STR/9457	14-Jun-20	Girder-G4 cable stressing of cable no.-3 & 4 for A1-P1 span	318+870		R.H.S		
VKE-3/PIL/STR/9458	15-Jun-20	Checking of Reinforcement & Formwork for A2 2nd lift	307+170				
VKE-3/PIL/STR/9459	15-Jun-20	Pouring M35 concrete for A2 2nd lift	307+170				
VKE-3/PIL/STR/9460	15-Jun-20	Routine Pile Load Test of Pile no.5 at A2	307+170				
VKE-3/PIL/STR/9461	15-Jun-20	Checking of Formwork & pouring M50 PSC for Girder-G7 of A2-P2 span	302+713		L.H.S		
VKE-3/PIL/STR/9462	15-Jun-20	Pouring M35 concrete for Slab	301+214		R.H.S		
VKE-3/PIL/STR/9463	15-Jun-20	Checking of Reinforcement & Formwork for Slab	302+055		L.H.S		
VKE-3/PIL/STR/9464	15-Jun-20	Pouring M35 concrete for Slab	302+055		L.H.S		
VKE-3/PIL/STR/9465	15-Jun-20	Girder-G4 cable stressing of cable no.-3 & 4 for A1-P1 span	318+870		R.H.S		
VKE-3/PIL/STR/9466	15-Jun-20	Grouting at girder-G2, G3 of cable no.-3 & 4 for A1-P1 span	321+253		R.H.S		
VKE-3/PIL/STR/9467	15-Jun-20	Grouting at girder-G4, G5 of cable no.-3 & 4 for A1-P1 span	321+253		R.H.S		
VKE-3/PIL/STR/9468	15-Jun-20	Grouting at girder-G6, G7 of cable no.-3 & 4 for A1-P1 span	321+253		R.H.S		
VKE-3/PIL/STR/9469	15-Jun-20	Grouting at girder-G1 of cable no.-3 & 4 for A1-P1 span	321+253		L.H.S		
VKE-3/PIL/STR/9470	16-Jun-20	P1-A2 Grouting for girder no. G5,G6,G7 Cable no.3&4	321+253		L.H.S		
VKE-3/PIL/STR/9471	16-Jun-20	A1-P1 Grouting for girder no. G4 Cable no.3 & 4	318+870		L.H.S		
VKE-3/PIL/STR/9472	16-Jun-20	Checking of Reinforcement & shuttering	307+193				
VKE-3/PIL/STR/9473	16-Jun-20	Pouring M35 concrete	307+193				
VKE-3/PIL/STR/9474	16-Jun-20	Top slab chechking reinforcement & shuttering	301+214		L.H.S		
VKE-3/PIL/STR/9475	16-Jun-20	Pouring M35 concrete	301+214		L.H.S		
VKE-3/PIL/STR/9476	16-Jun-20	Checking of Reinforcement & shuttering	302+055		L.H.S		
VKE-3/PIL/STR/9477	16-Jun-20	Pouring M35 concrete	302+055		L.H.S		
VKE-3/PIL/STR/9478	17-Jun-20	P1, 1st lift Checking of Reinforcement & shuttering	307+193				
VKE-3/PIL/STR/9479	17-Jun-20	Pouring for concrete M35 Grade	307+193				
VKE-3/PIL/STR/9480	17-Jun-20	PUP top slab Checking of Reinforcement & shuttering	302+055		L.H.S		
VKE-3/PIL/STR/9481	17-Jun-20	Pouring for concrete M35 Grade	302+055		L.H.S		
VKE-3/PIL/STR/9482	18-Jun-20	Checking of Reinforcement & shuttering For top slab	302+055		L.H.S		
VKE-3/PIL/STR/9483	18-Jun-20	Pouring for concrete M35 Grade for top slab	302+055		L.H.S		
VKE-3/PIL/STR/9484	18-Jun-20	Checking of Reinforcement & shuttering for pier shaft p1 1st lift	307+170		L.H.S		
VKE-3/PIL/STR/9485	18-Jun-20	Pouring for concrete M35 Grade for pier shaft p1 1st lift	307+170		L.H.S		
VKE-3/PIL/STR/9486	18-Jun-20	Checking of Reinforcement & shuttering for shaft A2 3rd lift	307+170		L.H.S		
VKE-3/PIL/STR/9487	18-Jun-20	Pouring for concrete M35 Grade for shaft A2 3rd lift	307+170		L.H.S		
VKE-3/PIL/STR/9488	19-Jun-20	Checking of Reinforcement & shuttering for pier shaft p1 1st lift	307+170		L.H.S		

Structure RFI							
RFI NO.	Inspection date	Item Description	Chainage From	Chainage To	Side	Contact Person	Remarks
VKE-3/PIL/STR/9489	19-Jun-20	Pouring for concrete M35 Grade for pier shaft p1 1st lift	307+170		L.H.S		
VKE-3/PIL/STR/9490	19-Jun-20	Checking of reinforcement & formwork of bottam haunch A1 & P2	312+695		R.H.S		
VKE-3/PIL/STR/9491	19-Jun-20	Pouring for concrete M35 Grade for bottam haunch A1 & P2	312+695		R.H.S		
VKE-3/PIL/STR/9492	19-Jun-20	Checking of reinforcement & formwork of ABUTMENT SHAFT A2 2nd lift	313+809		L.H.S		
VKE-3/PIL/STR/9493	19-Jun-20	Pouring for concrete M35 Grade for ABUTMENT SHAFT A2 2nd lift	313+809		L.H.S		
VKE-3/PIL/STR/9494	19-Jun-20	Checking of formwork and pouring of M50 concrete for GIRDER G-1 of spam p1-p2	302+713		L.H.S		
VKE-3/PIL/STR/9495	19-Jun-20	Checking of Reinforcement & shuttering for Box culvert bottom haunch A1 & A2	307+778		B.H.S		
VKE-3/PIL/STR/9496	19-Jun-20	Pouring for concrete M35 Grade for Box culvert bottom haunch	307+778		B.H.S		
VKE-3/PIL/STR/9497	20-Jun-20	Checking of Reinforcement & shuttering for Box culvert bottom haunch A1 & A2	307+778		B.H.S		
VKE-3/PIL/STR/9498	20-Jun-20	Pouring for concrete M35 Grade for Box culvert bottom haunch	307+778		B.H.S		
VKE-3/PIL/STR/9499	20-Jun-20	Checking of reinforcement & formwork of TOP SLAB	292+400		R.H.S		
VKE-3/PIL/STR/9500	20-Jun-20	Pouring for concrete M35 Grade for TOP SLAB	292+400		R.H.S		
VKE-3/PIL/STR/9501	21-Jun-20	Checking of Reinforcement & shuttering for PUP A1 & A2 Wall 2nd Lift	322+550		L.H.S		
VKE-3/PIL/STR/9502	21-Jun-20	Pouring for concrete M35 Grade for PUP A1 & A2 Wall 2nd Lift	322+550		L.H.S		
VKE-3/PIL/STR/9503	22-Jun-20	Checking of Reinforcement & shuttering for VOP P1 2ND LIFT	307+170				
VKE-3/PIL/STR/9504	22-Jun-20	Pouring for concrete M35 Grade for VOP P1 2ND LIFT	307+170				
VKE-3/PIL/STR/9505	23-Jun-20	Checking of Reinforcement & shuttering for VOP P1 2ND LIFT	307+170				
VKE-3/PIL/STR/9506	23-Jun-20	Pouring for concrete M35 Grade for VOP P1 2ND LIFT	307+170				
VKE-3/PIL/STR/9507	23-Jun-20	Checking of Reinforcement & shuttering for box culvert A1 1st lift	307+778		L.H.S		
VKE-3/PIL/STR/9508	23-Jun-20	Pouring for concrete M35 Grade for box culvert A1 1st lift	307+778		L.H.S		
VKE-3/PIL/STR/9509	24-Jun-20	Checking of Reinforcement & shuttering for PUP A1&A2 wall final lift	315+850		R.H.S		
VKE-3/PIL/STR/9510	24-Jun-20	Pouring for concrete M35 Grade for PUP A1&A2 wall final lift	315+850		R.H.S		
VKE-3/PIL/STR/9511	24-Jun-20	Checking of Reinforcement & shuttering for Box culvert top slab	307+687		L.H.S		
VKE-3/PIL/STR/9512	24-Jun-20	Pouring for concrete M35 Grade for Box culvert top slab	307+687		L.H.S		
VKE-3/PIL/STR/9513	24-Jun-20	Checking of Reinforcement & shuttering for VOP P1 3RD LIFT	307+170				
VKE-3/PIL/STR/9514	24-Jun-20	Pouring for concrete M35 Grade for VOP P1 3RD LIFT	307+170				
VKE-3/PIL/STR/9515	24-Jun-20	Checking of Reinforcement & shuttering for PUP A1&A2 wall 3rd lift	309+550		L.H.S		
VKE-3/PIL/STR/9516	24-Jun-20	Pouring for concrete M35 Grade for PUP A1&A2 wall 3rd lift	309+550		L.H.S		
VKE-3/PIL/STR/9517	24-Jun-20	Checking of Reinforcement & shuttering for Box culvert separation wall	307+778		B.H.S		
VKE-3/PIL/STR/9518	24-Jun-20	Pouring for concrete M35 Grade for Box culvert separation wall	307+778		B.H.S		
VKE-3/PIL/STR/9519	24-Jun-20	Span A1 -P1 profile checking for girder no:- G2	321+253		L.H.S		
VKE-3/PIL/STR/9520	25-Jun-20	Checking of Reinforcement & shuttering for A1&A2 Wall 3rd lift	309+550		L.H.S		
VKE-3/PIL/STR/9521	25-Jun-20	Pouring for concrete M35 Grade for A1&A2 Wall 3rd lift	309+550		L.H.S		
VKE-3/PIL/STR/9522	25-Jun-20	Pouring for concrete M30 Grade for Box culvert TOP SLAB	307+687		L.H.S		
VKE-3/PIL/STR/9523	25-Jun-20	A1 -P1 profile checking for girder no:- G2	321+253		L.H.S		
VKE-3/PIL/STR/9524	26-Jun-20	Checking of Reinforcement & formwork for 1st lift wall A1	302+055		R.H.S		
VKE-3/PIL/STR/9525	26-Jun-20	Pouring for concrete M35 Grade for 1st lift wall A1	302+055		R.H.S		
VKE-3/PIL/STR/9526	26-Jun-20	Pouring for concrete M30 Grade for Box culvert seperation wall	307+778		B.H.S		
VKE-3/PIL/STR/9527	26-Jun-20	Pouring for concrete M35 Grade for ret.wall final lift	318+930	318+950	R.H.S		
VKE-3/PIL/STR/9528	27-Jun-20	Checking of Reinforcement & formwork of pup top slab	309+550		L.H.S		
VKE-3/PIL/STR/9529	27-Jun-20	Pouring for concrete M35 Grade for pup top slab	309+550		L.H.S		
VKE-3/PIL/STR/9530	27-Jun-20	A1-P1 -G2 PC GIRDER checking shuttering	321+253		L.H.S		
VKE-3/PIL/STR/9531	27-Jun-20	Pouring for concrete M35 Grade for A1-P1 -G2 PC GIRDER	321+253		L.H.S		
VKE-3/PIL/STR/9532	28-Jun-20	Checking of Reinforcement & formwork of PUP final lift A1&A2	322+550		R.H.S		
VKE-3/PIL/STR/9533	28-Jun-20	Pouring for concrete M35 Grade for PUP final lift A1&A2	322+550		R.H.S		
VKE-3/PIL/STR/9534	28-Jun-20	Checking of Reinforcement & formwork of pup top slab	309+550		L.H.S		
VKE-3/PIL/STR/9535	28-Jun-20	Pouring for concrete M35 Grade for pup top slab	309+550		L.H.S		
VKE-3/PIL/STR/9536	28-Jun-20	Checking of Reinforcement & shuttering A1-P1 -G2 PSC GIRDER	321+253		L.H.S		
VKE-3/PIL/STR/9537	28-Jun-20	Pouring for concrete M35 Grade for A1-P1 -G2 PSC GIRDER	321+253		L.H.S		
VKE-3/PIL/STR/9538	29-Jun-20	Checking of Reinforcement & formwork FOR PUP Top Slab	315+850		R.H.S		
VKE-3/PIL/STR/9539	29-Jun-20	Pouring M35 Grade Of concrete for PUP Top Slab	315+850		R.H.S		
VKE-3/PIL/STR/9540	30-Jun-20	Checking of Reinforcement & formwork for PUP A1&A2 WALL 2ND LIFT	302+055		R.H.S		
VKE-3/PIL/STR/9541	30-Jun-20	Pouring M35 concrete for PUP A1&A2 WALL 2ND LIFT	302+055		RHS		

## Annexure 03 RFI Summary

Highway RFI								
Sr. NO.	RFI NO.	Inspection date	Item Description	Chainage		Side	Contact Person	Contact Number
				From	To			
1	VKE-3/PIL/HW/8794	01-06-2020	EMB 8th. Layer F.D.D	292450	292600	RHS	Mr. Shailendra	9463989989
2	VKE-3/PIL/HW/8795	01-06-2020	EMB 17th. Layer F.D.D	294730	294960	RHS		
3	VKE-3/PIL/HW/8796	01-06-2020	EMB 1st. Layer F.D.D	297570	297670	RHS		
4	VKE-3/PIL/HW/8797	01-06-2020	EMB 9th. Layer F.D.D	297670	297760	RHS		
5	VKE-3/PIL/HW/8798	01-06-2020	EMB 10th. Layer F.D.D	297670	297760	LHS		
6	VKE-3/PIL/HW/8799	01-06-2020	Subgrade 1st. Layer F.D.D	298800	298850	LHS		
7	VKE-3/PIL/HW/8800	01-06-2020	Subgrade 1st. Layer F.D.D	298800	298850	RHS		
8	VKE-3/PIL/HW/8801	01-06-2020	EMB 12th. Layer F.D.D	301250	301360	LHS		
9	VKE-3/PIL/HW/8802	01-06-2020	EMB 9th. Layer F.D.D	301250	301360	RHS		
10	VKE-3/PIL/HW/8803	01-06-2020	EMB 2nd. Layer F.D.D	302600	302680	LHS		
11	VKE-3/PIL/HW/8804	01-06-2020	EMB 2nd. Layer F.D.D	302600	302640	RHS		
12	VKE-3/PIL/HW/8805	01-06-2020	rectification EMB 8th. Layer F.D.D	304000	304120	LHS		
13	VKE-3/PIL/HW/8806	01-06-2020	EMB 2nd. Layer F.D.D	304000	304120	RHS		
14	VKE-3/PIL/HW/8807	01-06-2020	EMB 9th. Layer F.D.D	304000	304120	LHS		
15	VKE-3/PIL/HW/8808	01-06-2020	EMB 3rd. Layer F.D.D	304000	304160	RHS		
16	VKE-3/PIL/HW/8809	01-06-2020	EMB Top Layer F.D.D & level checking	311680	311980	RHS		
17	VKE-3/PIL/HW/8810	01-06-2020	EMB Top Layer F.D.D & level checking	311980	312260	RHS		
18	VKE-3/PIL/HW/8811	01-06-2020	Subgrade Top Layer F.D.D & level checking	317700	317800	RHS		
19	VKE-3/PIL/HW/8812	01-06-2020	Subgrade Top Layer F.D.D & level checking	317800	318000	RHS		
20	VKE-3/PIL/HW/8813	01-06-2020	Trucklay parking EMB 2nd. Layer F.D.D	317890	317940	RHS		
21	VKE-3/PIL/HW/8814	01-06-2020	Trucklay parking EMB 2nd. Layer F.D.D	317940	317990	RHS		
22	VKE-3/PIL/HW/8815	01-06-2020	EMB 7th. Layer F.D.D	319500	319550	LHS		
23	VKE-3/PIL/HW/8816	01-06-2020	EMB 11th. Layer F.D.D	319600	319700	RHS		
24	VKE-3/PIL/HW/8817	01-06-2020	EMB 6th. Layer F.D.D	320000	320100	RHS		
25	VKE-3/PIL/HW/8818	02-06-2020	EMB 7th. Layer F.D.D	292450	292600	LHS		
26	VKE-3/PIL/HW/8819	02-06-2020	Subgrade Top Layer F.D.D & level checking	294240	294400	LHS		
27	VKE-3/PIL/HW/8820	02-06-2020	EMB 14th. Layer F.D.D	294400	294500	LHS		
28	VKE-3/PIL/HW/8821	02-06-2020	EMB 10th. Layer F.D.D	294400	294500	RHS		
29	VKE-3/PIL/HW/8822	02-06-2020	EMB 14th. Layer F.D.D	297920	298000	LHS		
30	VKE-3/PIL/HW/8823	02-06-2020	EMB 14th. Layer F.D.D	297920	298000	RHS		
31	VKE-3/PIL/HW/8824	02-06-2020	Subgrade Top Layer F.D.D & level checking	298000	298020	RHS		
32	VKE-3/PIL/HW/8825	02-06-2020	Subgrade Top Layer F.D.D & level checking	298000	298020	LHS		
33	VKE-3/PIL/HW/8826	02-06-2020	Subgrade 1st. Layer F.D.D	298320	298340	RHS		
34	VKE-3/PIL/HW/8827	02-06-2020	Subgrade Top Layer F.D.D & level checking	298750	298850	RHS		
35	VKE-3/PIL/HW/8828	02-06-2020	EMB 16th. Layer F.D.D	298850	298940	RHS		
36	VKE-3/PIL/HW/8829	02-06-2020	EMB 4th. Layer F.D.D	300620	300700	LHS		
37	VKE-3/PIL/HW/8830	02-06-2020	EMB 4th. Layer F.D.D	300620	300700	RHS		
38	VKE-3/PIL/HW/8831	02-06-2020	EMB 5th. Layer F.D.D	301810	301860	LHS		
39	VKE-3/PIL/HW/8832	02-06-2020	EMB 5th. Layer F.D.D	301810	301860	RHS		
40	VKE-3/PIL/HW/8833	02-06-2020	EMB 4th. Layer F.D.D	304000	304160	RHS		
41	VKE-3/PIL/HW/8834	02-06-2020	EMB Top Layer F.D.D & level checking	311980	312260	RHS		
42	VKE-3/PIL/HW/8835	02-06-2020	EMB 1st. Layer F.D.D	312500	312670	RHS		
43	VKE-3/PIL/HW/8836	02-06-2020	EMB 1st. Layer F.D.D	312500	312670	LHS		
44	VKE-3/PIL/HW/8837	02-06-2020	EMB 9th. Layer F.D.D	316040	316100	LHS		
45	VKE-3/PIL/HW/8838	02-06-2020	EMB 13th. Layer F.D.D	316100	316280	LHS		
46	VKE-3/PIL/HW/8839	02-06-2020	EMB 15th. Layer F.D.D	316280	316390	LHS		
47	VKE-3/PIL/HW/8840	02-06-2020	C&G and OGL Recording of Pond Area	316410		LHS		
48	VKE-3/PIL/HW/8841	02-06-2020	Subgrade Top Layer F.D.D & level checking	317700	317800	RHS		
49	VKE-3/PIL/HW/8842	02-06-2020	EMB 27th. Layer F.D.D	318440	318560	LHS		
50	VKE-3/PIL/HW/8843	02-06-2020	EMB 27th. Layer F.D.D	318440	318560	RHS		
51	VKE-3/PIL/HW/8844	02-06-2020	EMB 11th. Layer F.D.D	319260	319500	RHS		
52	VKE-3/PIL/HW/8845	02-06-2020	EMB 5th. Layer F.D.D	320150	320200	RHS		
53	VKE-3/PIL/HW/8846	02-06-2020	EMB 10th. Layer F.D.D	320350	320400	RHS		
54	VKE-3/PIL/HW/8847	02-06-2020	EMB 12th. Layer F.D.D	320400	320500	RHS		
55	VKE-3/PIL/HW/8848	02-06-2020	EMB 12th. Layer F.D.D	320500	320600	RHS		
56	VKE-3/PIL/HW/8849	02-06-2020	EMB 5th. Layer F.D.D	320860	321030	RHS		
57	VKE-3/PIL/HW/8850	02-06-2020	EMB 6th. Layer F.D.D	320900	321040	LHS		
58	VKE-3/PIL/HW/8851	02-06-2020	Laying & FDD Checking of DLC	322000	322140	LHS		
59	VKE-3/PIL/HW/8852	03-06-2020	EMB 9th. Layer F.D.D	292450	292600	RHS		
60	VKE-3/PIL/HW/8853	03-06-2020	EMB 7th. Layer F.D.D	292450	292600	LHS		
61	VKE-3/PIL/HW/8854	03-06-2020	Subgrade Top Layer F.D.D & level checking	294240	294400	LHS		
62	VKE-3/PIL/HW/8855	03-06-2020	EMB 25th. Layer F.D.D	295600	295700	RHS		
63	VKE-3/PIL/HW/8856	03-06-2020	EMB 25th. Layer F.D.D	295700	295880	RHS		
64	VKE-3/PIL/HW/8857	03-06-2020	Subgrade Top Layer F.D.D & level checking	298000	298020	RHS		
65	VKE-3/PIL/HW/8858	03-06-2020	Subgrade Top Layer F.D.D & level checking	298000	298020	LHS		
66	VKE-3/PIL/HW/8859	03-06-2020	Subgrade Top Layer F.D.D & level checking	298320	298340	RHS		
67	VKE-3/PIL/HW/8860	03-06-2020	Subgrade Top Layer F.D.D & level checking	298750	298850	LHS		
68	VKE-3/PIL/HW/8861	03-06-2020	EMB 14th. Layer F.D.D	298850	298940	LHS		
69	VKE-3/PIL/HW/8862	03-06-2020	EMB 5th. Layer F.D.D	301810	301860	LHS		
70	VKE-3/PIL/HW/8863	03-06-2020	EMB 5th. Layer F.D.D	301810	301860	RHS		
71	VKE-3/PIL/HW/8864	03-06-2020	EMB 3rd. Layer F.D.D	302600	302680	LHS		
72	VKE-3/PIL/HW/8865	03-06-2020	EMB 3rd. Layer F.D.D	302600	302640	RHS		
73	VKE-3/PIL/HW/8866	03-06-2020	EMB 4th. Layer F.D.D	304000	304160	RHS		
74	VKE-3/PIL/HW/8867	03-06-2020	EMB 5th. Layer F.D.D	304000	304160	RHS		
75	VKE-3/PIL/HW/8868	03-06-2020	EMB Top Layer F.D.D & level checking	305500	305670	RHS		
							Mr. Shailendra	9463989989

## Annexure 03 RFI Summary

Highway RFI										
Sr.	REF NO	Inspection	Item Description	Chainage		Side	Contact Person	Contact		
76	VKE-3/PIL/HW/8869	03-06-2020	Subgrade 1st. Layer F.D.D	305500	305670	LHS				
77	VKE-3/PIL/HW/8870	03-06-2020	EMB 1st. Layer F.D.D	312300	312500	RHS				
78	VKE-3/PIL/HW/8871	03-06-2020	SANDY SOIL EMB 1st. Layer F.D.D	312500	312670	RHS				
79	VKE-3/PIL/HW/8872	03-06-2020	SANDY SOIL EMB 1st. Layer F.D.D	312500	312670	LHS				
80	VKE-3/PIL/HW/8873	03-06-2020	EMB 14th. Layer F.D.D	313100	313340	LHS				
81	VKE-3/PIL/HW/8874	03-06-2020	EMB 14th. Layer F.D.D	313100	313340	RHS				
82	VKE-3/PIL/HW/8875	03-06-2020	EMB 15th. Layer F.D.D	315700	315820	LHS				
83	VKE-3/PIL/HW/8876	03-06-2020	EMB 15th. Layer F.D.D	315700	315820	RHS				
84	VKE-3/PIL/HW/8877	03-06-2020	EMB 5th. Layer F.D.D	315920	316000	LHS				
85	VKE-3/PIL/HW/8878	03-06-2020	EMB 5th. Layer F.D.D	315920	316000	RHS				
86	VKE-3/PIL/HW/8879	03-06-2020	EMB 10th. Layer F.D.D	316040	316100	LHS				
87	VKE-3/PIL/HW/8880	03-06-2020	EMB 27th. Layer F.D.D	318440	318560	RHS				
88	VKE-3/PIL/HW/8881	03-06-2020	EMB 22nd. Layer F.D.D	319100	319300	LHS				
89	VKE-3/PIL/HW/8882	03-06-2020	EMB Top Layer F.D.D & level checking	321400	321465	RHS				
90	VKE-3/PIL/HW/8883	03-06-2020	EMB 10th. Layer F.D.D	321400	321465	LHS				
91	VKE-3/PIL/HW/8884	03-06-2020	Laying & FDD Checking of DLC	321800	322000	LHS				
92	VKE-3/PIL/HW/8885	04-06-2020	EMB 6th. Layer F.D.D	292200	292380	LHS			Mr. Shailendra	9463989989
93	VKE-3/PIL/HW/8886	04-06-2020	Subgrade Top Layer F.D.D & level checking	294240	294400	LHS				
94	VKE-3/PIL/HW/8887	04-06-2020	EMB 14th. Layer F.D.D	294400	294500	LHS				
95	VKE-3/PIL/HW/8888	04-06-2020	EMB 20th. Layer F.D.D	294730	294980	LHS				
96	VKE-3/PIL/HW/8889	04-06-2020	EMB 14th. Layer F.D.D	296100	296150	RHS				
97	VKE-3/PIL/HW/8890	04-06-2020	EMB 14th. Layer F.D.D	296100	296150	LHS				
98	VKE-3/PIL/HW/8891	04-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	296150	296340	LHS				
99	VKE-3/PIL/HW/8892	04-06-2020	EMB 10th. Layer F.D.D	297670	297760	LHS				
100	VKE-3/PIL/HW/8893	04-06-2020	EMB 10th. Layer F.D.D	301250	301360	RHS				
101	VKE-3/PIL/HW/8894	04-06-2020	EMB 5th. Layer F.D.D	301810	301860	LHS				
102	VKE-3/PIL/HW/8895	04-06-2020	EMB 5th. Layer F.D.D	301810	301860	RHS				
103	VKE-3/PIL/HW/8896	04-06-2020	EMB 3rd. Layer F.D.D	302600	302680	LHS				
104	VKE-3/PIL/HW/8897	04-06-2020	EMB 3rd. Layer F.D.D	302600	302640	RHS				
105	VKE-3/PIL/HW/8898	04-06-2020	EMB Top Layer F.D.D & level checking	307500	307670	RHS				
106	VKE-3/PIL/HW/8899	04-06-2020	Subgrade 1st. Layer F.D.D	307500	307670	LHS				
107	VKE-3/PIL/HW/8900	04-06-2020	EMB 13th. Layer F.D.D	307800	307900	LHS				
108	VKE-3/PIL/HW/8901	04-06-2020	EMB 14th. Layer F.D.D	307800	307900	RHS				
109	VKE-3/PIL/HW/8902	04-06-2020	EMB 14th. Layer F.D.D	307900	307960	LHS				
110	VKE-3/PIL/HW/8903	04-06-2020	EMB 14th. Layer F.D.D	307900	307960	RHS				
111	VKE-3/PIL/HW/8904	04-06-2020	EMB 13th. Layer F.D.D	307980	308200	RHS				
112	VKE-3/PIL/HW/8905	04-06-2020	EMB 14th. Layer F.D.D	307980	308200	LHS				
113	VKE-3/PIL/HW/8906	04-06-2020	Subgrade 1st. Layer F.D.D	311680	311980	LHS				
114	VKE-3/PIL/HW/8907	04-06-2020	Subgrade 1st. Layer F.D.D	311980	312270	LHS				
115	VKE-3/PIL/HW/8908	04-06-2020	SANDY SOIL EMB 1st. Layer F.D.D	312300	312500	RHS				
116	VKE-3/PIL/HW/8909	04-06-2020	EMB 1st. Layer F.D.D of Pond Area filling	316410		LHS				
117	VKE-3/PIL/HW/8910	04-06-2020	EMB 2nd. Layer F.D.D of Pond Area filling	316410		LHS				
118	VKE-3/PIL/HW/8911	04-06-2020	EMB 3rd. Layer F.D.D of Pond Area filling	316410		LHS				
119	VKE-3/PIL/HW/8912	04-06-2020	Subgrade Top Layer F.D.D & level checking	318000	318200	LHS				
120	VKE-3/PIL/HW/8913	04-06-2020	EMB 12th. Layer F.D.D	320400	320500	RHS				
121	VKE-3/PIL/HW/8914	04-06-2020	EMB 12th. Layer F.D.D	320500	320600	RHS				
122	VKE-3/PIL/HW/8915	04-06-2020	EMB 10th. Layer F.D.D	321040	321160	LHS				
123	VKE-3/PIL/HW/8916	04-06-2020	EMB 10th. Layer F.D.D	321040	321160	RHS				
124	VKE-3/PIL/HW/8917	04-06-2020	EMB 7th. Layer F.D.D	321160	321200	LHS				
125	VKE-3/PIL/HW/8918	04-06-2020	EMB 8th. Layer F.D.D	321160	321230	RHS				
126	VKE-3/PIL/HW/8919	04-06-2020	EMB 12th. Layer F.D.D	321400	321465	RHS				
127	VKE-3/PIL/HW/8920	05-06-2020	EMB 9th. Layer F.D.D	292450	292600	RHS	Mr. Shailendra	9463989989		
128	VKE-3/PIL/HW/8921	05-06-2020	EMB 7th. Layer F.D.D	292450	292600	LHS				
129	VKE-3/PIL/HW/8922	05-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	296100	296150	LHS				
130	VKE-3/PIL/HW/8923	05-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	296100	296200	RHS				
131	VKE-3/PIL/HW/8924	05-06-2020	EMB 10th. Layer F.D.D	301250	301360	RHS				
132	VKE-3/PIL/HW/8925	05-06-2020	EMB 5th. Layer F.D.D	301810	301860	LHS				
133	VKE-3/PIL/HW/8926	05-06-2020	EMB 5th. Layer F.D.D	301810	301860	RHS				
134	VKE-3/PIL/HW/8927	05-06-2020	EMB 4th. Layer F.D.D	304000	304160	RHS				
135	VKE-3/PIL/HW/8928	05-06-2020	EMB 4th. Layer F.D.D	304000	304160	RHS				
136	VKE-3/PIL/HW/8929	05-06-2020	EMB 14th. Layer F.D.D	309200	309500	RHS				
137	VKE-3/PIL/HW/8930	05-06-2020	Subgrade 1st. Layer F.D.D	311680	311980	LHS				
138	VKE-3/PIL/HW/8931	05-06-2020	Subgrade 1st. Layer F.D.D	311680	311980	RHS				
139	VKE-3/PIL/HW/8932	05-06-2020	Subgrade 1st. Layer F.D.D	311980	312270	LHS				
140	VKE-3/PIL/HW/8933	05-06-2020	Subgrade 1st. Layer F.D.D	311980	312260	RHS				
141	VKE-3/PIL/HW/8934	05-06-2020	Subgrade 1st. Layer F.D.D	312780	313020	LHS				
142	VKE-3/PIL/HW/8935	05-06-2020	Subgrade 1st. Layer F.D.D	312780	313020	RHS				
143	VKE-3/PIL/HW/8936	05-06-2020	EMB Top Layer F.D.D & level checking	313190	313350	LHS				
144	VKE-3/PIL/HW/8937	05-06-2020	EMB Top Layer F.D.D & level checking	313190	313350	RHS				
145	VKE-3/PIL/HW/8938	05-06-2020	EMB 6th. Layer F.D.D	313450	313580	RHS				
146	VKE-3/PIL/HW/8939	05-06-2020	GSB Top. Layer F.D.D & Level Checking	314880	315160	RHS				
147	VKE-3/PIL/HW/8940	05-06-2020	Subgrade Top Layer F.D.D & level checking	318000	318200	LHS				
148	VKE-3/PIL/HW/8941	05-06-2020	Subgrade 1st. Layer F.D.D	318300	318350	RHS				
149	VKE-3/PIL/HW/8942	05-06-2020	EMB 22nd. Layer F.D.D	319100	319260	RHS				
150	VKE-3/PIL/HW/8943	05-06-2020	EMB 12th. Layer F.D.D	319300	319500	RHS				
151	VKE-3/PIL/HW/8944	05-06-2020	recti EMB 5th. Layer F.D.D	320150	320200	RHS				

## Annexure 03 RFI Summary

Highway RFI								
Sr.	REF NO	Inspection	Item Description	Chainage		Side	Contact Person	Contact
152	VKE-3/PIL/HW/8945	05-06-2020	recti EMB 6th. Layer F.D.D	320200	320300	RHS		
153	VKE-3/PIL/HW/8946	05-06-2020	EMB 13th. Layer F.D.D	321300	321400	LHS		
154	VKE-3/PIL/HW/8947	05-06-2020	EMB 11th. Layer F.D.D	321400	321465	LHS		
155	VKE-3/PIL/HW/8948	05-06-2020	EMB 13th. Layer F.D.D	321400	321465	RHS		
156	VKE-3/PIL/HW/8949	05-06-2020	Cleaning & Grubbing	316430	316520	LHS		
157	VKE-3/PIL/HW/8950	05-06-2020	Cleaning & Grubbing	316430	316520	RHS		
158	VKE-3/PIL/HW/8951	06-06-2020	EMB 8th. Layer F.D.D	292450	292600	LHS		
159	VKE-3/PIL/HW/8952	06-06-2020	EMB 18th. Layer F.D.D	294730	294980	RHS		
160	VKE-3/PIL/HW/8953	06-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	296200	296340	RHS		
161	VKE-3/PIL/HW/8954	06-06-2020	Subgrade Top Layer F.D.D & level checking	297260	297340	RHS		
162	VKE-3/PIL/HW/8955	06-06-2020	EMB 11th. Layer F.D.D	301250	301360	RHS		
163	VKE-3/PIL/HW/8956	06-06-2020	EMB 6th. Layer F.D.D	301810	301860	LHS		
164	VKE-3/PIL/HW/8957	06-06-2020	EMB 6th. Layer F.D.D	301810	301860	RHS		
165	VKE-3/PIL/HW/8958	06-06-2020	EMB 4th. Layer F.D.D	302600	302680	LHS		
166	VKE-3/PIL/HW/8959	06-06-2020	EMB 4th. Layer F.D.D	302600	302640	RHS		
167	VKE-3/PIL/HW/8960	06-06-2020	EMB 4th. Layer F.D.D	304000	304160	RHS		
168	VKE-3/PIL/HW/8961	06-06-2020	EMB 5th. Layer F.D.D	304000	304160	RHS		
169	VKE-3/PIL/HW/8962	06-06-2020	EMB 14th. Layer F.D.D	309200	309350	RHS		
170	VKE-3/PIL/HW/8963	06-06-2020	Subgrade 1st. Layer F.D.D	311680	311980	LHS		
171	VKE-3/PIL/HW/8964	06-06-2020	Subgrade 1st. Layer F.D.D	311680	311980	RHS		
172	VKE-3/PIL/HW/8965	06-06-2020	Subgrade 1st. Layer F.D.D	311980	312270	LHS		
173	VKE-3/PIL/HW/8966	06-06-2020	Subgrade 1st. Layer F.D.D	311980	312260	RHS		
174	VKE-3/PIL/HW/8967	06-06-2020	EMB Top Layer F.D.D & level checking	312300	312500	RHS		
175	VKE-3/PIL/HW/8968	06-06-2020	EMB Top Layer F.D.D & level checking	312500	312670	LHS		
176	VKE-3/PIL/HW/8969	06-06-2020	EMB Top Layer F.D.D & level checking	312500	312670	RHS		
177	VKE-3/PIL/HW/8970	06-06-2020	Subgrade 1st. Layer F.D.D	312780	313020	LHS		
178	VKE-3/PIL/HW/8971	06-06-2020	Subgrade 1st. Layer F.D.D	312780	313020	RHS		
179	VKE-3/PIL/HW/8972	06-06-2020	EMB 7th. Layer F.D.D	313450	313580	RHS		
180	VKE-3/PIL/HW/8973	06-06-2020	GSB Top. Layer F.D.D & Level Checking	314880	315160	RHS		
181	VKE-3/PIL/HW/8974	06-06-2020	EMB 6th. Layer F.D.D	315920	316000	LHS		
182	VKE-3/PIL/HW/8975	06-06-2020	EMB 6th. Layer F.D.D	315920	316000	RHS		
183	VKE-3/PIL/HW/8976	06-06-2020	Cleaning & Grubbing	316430	316520	LHS		
184	VKE-3/PIL/HW/8977	06-06-2020	Cleaning & Grubbing	316430	316520	RHS		
185	VKE-3/PIL/HW/8978	06-06-2020	Laying & FDD Checking of DLC	317080	317360	LHS		
186	VKE-3/PIL/HW/8979	06-06-2020	Subgrade Top Layer F.D.D & level checking	318000	318200	LHS		
187	VKE-3/PIL/HW/8980	06-06-2020	Subgrade 1st. Layer F.D.D	318300	318350	RHS		
188	VKE-3/PIL/HW/8981	06-06-2020	EMB 3rd. Layer F.D.D	319500	319550	RHS		
189	VKE-3/PIL/HW/8982	06-06-2020	EMB 8th. Layer F.D.D	319500	319550	LHS		
190	VKE-3/PIL/HW/8983	06-06-2020	EMB 12th. Layer F.D.D	319600	319700	RHS		
191	VKE-3/PIL/HW/8984	06-06-2020	EMB 12th. Layer F.D.D	320400	320600	RHS		
192	VKE-3/PIL/HW/8985	06-06-2020	EMB 10th. Layer F.D.D	321040	321160	LHS		
193	VKE-3/PIL/HW/8986	06-06-2020	EMB 10th. Layer F.D.D	321040	321160	RHS		
194	VKE-3/PIL/HW/8987	06-06-2020	EMB 8th. Layer F.D.D	321160	321200	LHS		
195	VKE-3/PIL/HW/8988	06-06-2020	EMB 8th. Layer F.D.D	321160	321230	RHS		
196	VKE-3/PIL/HW/8989	07-06-2020	EMB 7th. Layer F.D.D	292000	292200	LHS		
197	VKE-3/PIL/HW/8990	07-06-2020	EMB 7th. Layer F.D.D	292000	292200	RHS		
198	VKE-3/PIL/HW/8991	07-06-2020	EMB 10th. Layer F.D.D	292450	292600	RHS		
199	VKE-3/PIL/HW/8992	07-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	295600	295800	LHS		
200	VKE-3/PIL/HW/8993	07-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	296200	296340	RHS		
201	VKE-3/PIL/HW/8994	07-06-2020	Subgrade Top Layer F.D.D & level checking	297260	297340	RHS		
202	VKE-3/PIL/HW/8995	07-06-2020	EMB 11th. Layer F.D.D	301250	301360	RHS		
203	VKE-3/PIL/HW/8996	07-06-2020	EMB 13th. Layer F.D.D	301250	301360	LHS		
204	VKE-3/PIL/HW/8997	07-06-2020	EMB 4th. Layer F.D.D	302600	302680	LHS		
205	VKE-3/PIL/HW/8998	07-06-2020	EMB 4th. Layer F.D.D	302600	302640	RHS		
206	VKE-3/PIL/HW/8999	07-06-2020	EMB 10th. Layer F.D.D	304000	304150	LHS		
207	VKE-3/PIL/HW/9000	07-06-2020	EMB 5th. Layer F.D.D	304000	304150	RHS		
208	VKE-3/PIL/HW/9001	07-06-2020	EMB 13th. Layer F.D.D	309200	309350	LHS		
209	VKE-3/PIL/HW/9002	07-06-2020	EMB 15th. Layer F.D.D	309200	309350	RHS		
210	VKE-3/PIL/HW/9003	07-06-2020	Subgrade 1st. Layer F.D.D	312780	313020	RHS		
211	VKE-3/PIL/HW/9004	07-06-2020	Subgrade 1st. Layer F.D.D	312780	313020	LHS		
212	VKE-3/PIL/HW/9005	07-06-2020	Laying & FDD Checking of DLC	317080	317360	RHS		
213	VKE-3/PIL/HW/9006	07-06-2020	EMB 8th. Layer F.D.D	320860	321040	RHS		
214	VKE-3/PIL/HW/9007	07-06-2020	EMB 18th. Layer F.D.D	321300	321400	RHS		
215	VKE-3/PIL/HW/9008	07-06-2020	EMB 14th. Layer F.D.D	321300	321400	LHS		
216	VKE-3/PIL/HW/9009	07-06-2020	EMB 13th. Layer F.D.D	321400	321500	LHS		
217	VKE-3/PIL/HW/9010	08-06-2020	EMB 7th. Layer F.D.D	292000	292200	LHS		
218	VKE-3/PIL/HW/9011	08-06-2020	EMB 7th. Layer F.D.D	292000	292200	RHS		
219	VKE-3/PIL/HW/9012	08-06-2020	EMB 10th. Layer F.D.D	292450	292600	RHS		
220	VKE-3/PIL/HW/9013	08-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	295600	295800	LHS		
221	VKE-3/PIL/HW/9014	08-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	296200	296340	RHS		
222	VKE-3/PIL/HW/9015	08-06-2020	Subgrade Top Layer F.D.D & level checking	297260	297340	RHS		
223	VKE-3/PIL/HW/9016	08-06-2020	EMB 11th. Layer F.D.D	301250	301360	RHS		
224	VKE-3/PIL/HW/9017	08-06-2020	EMB 13th. Layer F.D.D	301250	301360	LHS		
225	VKE-3/PIL/HW/9018	08-06-2020	EMB 4th. Layer F.D.D	302600	302680	LHS		
226	VKE-3/PIL/HW/9019	08-06-2020	EMB 4th. Layer F.D.D	302600	302640	RHS		
227	VKE-3/PIL/HW/9020	08-06-2020	EMB 6th. Layer F.D.D	304000	304150	RHS		

Mr. Shailendra

9463989989

Mr. Shailendra

9463989989

## Annexure 03 RFI Summary

Highway RFI								
Sr.	REF NO	Inspection	Item Description	Chainage		Side	Contact Person	Contact
228	VKE-3/PIL/HW/9021	08-06-2020	EMB 11th. Layer F.D.D	304000	304150	LHS	Mr. Shailendra	9463989989
229	VKE-3/PIL/HW/9022	08-06-2020	Laying of Geo Textile after Subgrade Top	306860	307120	LHS		
230	VKE-3/PIL/HW/9023	08-06-2020	Laying of Geo Textile after Subgrade Top	306860	307120	RHS		
231	VKE-3/PIL/HW/9024	08-06-2020	GSB Top. Layer F.D.D & Level Checking	306860	307120	LHS		
232	VKE-3/PIL/HW/9025	08-06-2020	EMB 15th. Layer F.D.D	307800	307900	RHS		
233	VKE-3/PIL/HW/9026	08-06-2020	EMB 14th. Layer F.D.D	307800	307900	LHS		
234	VKE-3/PIL/HW/9027	08-06-2020	EMB 16th. Layer F.D.D	309560	309700	RHS		
235	VKE-3/PIL/HW/9028	08-06-2020	Subgrade 1st. Layer F.D.D	311680	311980	LHS		
236	VKE-3/PIL/HW/9029	08-06-2020	Subgrade 1st. Layer F.D.D	311680	311980	RHS		
237	VKE-3/PIL/HW/9030	08-06-2020	Subgrade 1st. Layer F.D.D	311980	312270	LHS		
238	VKE-3/PIL/HW/9031	08-06-2020	Subgrade 1st. Layer F.D.D	311980	312260	RHS		
239	VKE-3/PIL/HW/9032	08-06-2020	EMB Top Layer F.D.D & level checking	312300	312500	RHS		
240	VKE-3/PIL/HW/9033	08-06-2020	EMB Top Layer F.D.D & level checking	312500	312670	LHS		
241	VKE-3/PIL/HW/9034	08-06-2020	EMB Top Layer F.D.D & level checking	312500	312670	RHS		
242	VKE-3/PIL/HW/9035	08-06-2020	Subgrade 1st. Layer F.D.D	312780	313020	RHS		
243	VKE-3/PIL/HW/9036	08-06-2020	Subgrade 1st. Layer F.D.D	312780	313020	LHS		
244	VKE-3/PIL/HW/9037	08-06-2020	EMB Top Layer F.D.D & level checking	313190	313340	LHS		
245	VKE-3/PIL/HW/9038	08-06-2020	EMB Top Layer F.D.D & level checking	313190	313340	RHS		
246	VKE-3/PIL/HW/9039	08-06-2020	EMB 8th. Layer F.D.D	313450	313580	LHS		
247	VKE-3/PIL/HW/9040	08-06-2020	EMB 8th. Layer F.D.D	313450	313580	RHS		
248	VKE-3/PIL/HW/9041	08-06-2020	EMB 16th. Layer F.D.D	315700	315820	RHS		
249	VKE-3/PIL/HW/9042	08-06-2020	EMB 6th. Layer F.D.D	315920	316000	LHS		
250	VKE-3/PIL/HW/9043	08-06-2020	EMB 6th. Layer F.D.D	315920	316000	RHS		
251	VKE-3/PIL/HW/9044	08-06-2020	EMB 1st. Layer F.D.D	316430	316500	LHS		
252	VKE-3/PIL/HW/9045	08-06-2020	EMB 1st. Layer F.D.D	316430	316500	RHS		
253	VKE-3/PIL/HW/9046	08-06-2020	Trucklay parking EMB 2nd. Layer F.D.D	317890	317940	RHS		
254	VKE-3/PIL/HW/9047	08-06-2020	Trucklay parking EMB 2nd. Layer F.D.D	317940	317990	RHS		
255	VKE-3/PIL/HW/9048	08-06-2020	Subgrade Top Layer F.D.D & level checking	318000	318150	RHS		
256	VKE-3/PIL/HW/9049	08-06-2020	Subgrade Top Layer F.D.D & level checking	318000	318150	LHS		
257	VKE-3/PIL/HW/9050	08-06-2020	EMB 27th. Layer F.D.D	318420	318560	RHS		
258	VKE-3/PIL/HW/9051	08-06-2020	Laying of Geo Textile after Subgrade Top	318000	318545	LHS		
259	VKE-3/PIL/HW/9052	08-06-2020	EMB 8th. Layer F.D.D	319500	319550	LHS		
260	VKE-3/PIL/HW/9053	08-06-2020	EMB 3rd. Layer F.D.D	319500	319550	RHS		
261	VKE-3/PIL/HW/9054	08-06-2020	EMB 12th. Layer F.D.D	319600	319700	RHS		
262	VKE-3/PIL/HW/9055	08-06-2020	EMB 12th. Layer F.D.D	320400	320600	RHS		
263	VKE-3/PIL/HW/9056	09-06-2020	EMB 18th. Layer F.D.D	294730	294960	RHS		
264	VKE-3/PIL/HW/9057	09-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	295600	295700	LHS		
265	VKE-3/PIL/HW/9058	09-06-2020	Subgrade Top Layer F.D.D & level checking	297260	297340	LHS		
266	VKE-3/PIL/HW/9059	09-06-2020	EMB 10th. Layer F.D.D	297670	297760	LHS		
267	VKE-3/PIL/HW/9060	09-06-2020	EMB 13th. Layer F.D.D	301250	301360	LHS		
268	VKE-3/PIL/HW/9061	09-06-2020	EMB 11th. Layer F.D.D	301250	301360	RHS		
269	VKE-3/PIL/HW/9062	09-06-2020	EMB 24th. Layer F.D.D	302980	303020	LHS		
270	VKE-3/PIL/HW/9063	09-06-2020	EMB 24th. Layer F.D.D	302980	303020	RHS		
271	VKE-3/PIL/HW/9064	09-06-2020	EMB 24th. Layer F.D.D	303850	304000	LHS		
272	VKE-3/PIL/HW/9065	09-06-2020	EMB 24th. Layer F.D.D	303850	304000	RHS		
273	VKE-3/PIL/HW/9066	09-06-2020	EMB 6th. Layer F.D.D	304000	304150	RHS		
274	VKE-3/PIL/HW/9067	09-06-2020	EMB 12th. Layer F.D.D	304000	304150	LHS		
275	VKE-3/PIL/HW/9068	09-06-2020	EMB 15th. Layer F.D.D	307800	307900	RHS		
276	VKE-3/PIL/HW/9069	09-06-2020	EMB 14th. Layer F.D.D	309300	309350	LHS		
277	VKE-3/PIL/HW/9070	09-06-2020	Subgrade 1st. Layer F.D.D	312780	313020	RHS		
278	VKE-3/PIL/HW/9071	09-06-2020	EMB Top Layer F.D.D & level checking	313190	313340	RHS		
279	VKE-3/PIL/HW/9072	09-06-2020	EMB Top Layer F.D.D & level checking	313190	313340	LHS		
280	VKE-3/PIL/HW/9073	09-06-2020	GSB Top. Layer F.D.D & Level Checking	314900	315170	LHS		
281	VKE-3/PIL/HW/9074	09-06-2020	EMB 6th. Layer F.D.D	315920	316000	RHS		
282	VKE-3/PIL/HW/9075	09-06-2020	EMB 6th. Layer F.D.D	315920	316000	LHS		
283	VKE-3/PIL/HW/9076	09-06-2020	EMB 4th. Layer F.D.D of Pond Area filling	316410		LHS		
284	VKE-3/PIL/HW/9077	09-06-2020	EMB 5th. Layer F.D.D of Pond Area filling	316410		LHS		
285	VKE-3/PIL/HW/9078	09-06-2020	EMB 6th. Layer F.D.D of Pond Area filling	316410		LHS		
286	VKE-3/PIL/HW/9079	09-06-2020	Subgrade Top Layer F.D.D & level checking	316640	316780	RHS		
287	VKE-3/PIL/HW/9080	09-06-2020	Subgrade Top Layer F.D.D & level checking	318000	318150	RHS		
288	VKE-3/PIL/HW/9081	10-06-2020	EMB 18th. Layer F.D.D	294730	294960	RHS		
289	VKE-3/PIL/HW/9082	10-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	295600	295700	LHS		
290	VKE-3/PIL/HW/9083	10-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	295700	295800	LHS		
291	VKE-3/PIL/HW/9084	10-06-2020	Subgrade Top Layer F.D.D & level checking	297260	297340	LHS		
292	VKE-3/PIL/HW/9085	10-06-2020	EMB 11th. Layer F.D.D	301250	301360	RHS		
293	VKE-3/PIL/HW/9086	10-06-2020	EMB 13th. Layer F.D.D	301250	301360	LHS		
294	VKE-3/PIL/HW/9087	10-06-2020	EMB 25th. Layer F.D.D	303850	304000	LHS		
295	VKE-3/PIL/HW/9088	10-06-2020	EMB 25th. Layer F.D.D	303850	304000	RHS		
296	VKE-3/PIL/HW/9089	10-06-2020	EMB 6th. Layer F.D.D	304000	304150	RHS		
297	VKE-3/PIL/HW/9090	10-06-2020	EMB 11th. Layer F.D.D	304000	304150	LHS		
298	VKE-3/PIL/HW/9091	10-06-2020	EMB 12th. Layer F.D.D	309350	309500	RHS		
299	VKE-3/PIL/HW/9092	10-06-2020	EMB 15th. Layer F.D.D	307800	307900	RHS		
300	VKE-3/PIL/HW/9093	10-06-2020	EMB 16th. Layer F.D.D	309560	309700	LHS		
301	VKE-3/PIL/HW/9094	10-06-2020	Subgrade 1st. Layer F.D.D	312780	313020	RHS		
302	VKE-3/PIL/HW/9095	10-06-2020	EMB 9th. Layer F.D.D	313450	313580	RHS		
303	VKE-3/PIL/HW/9096	10-06-2020	EMB 7th. Layer F.D.D	315920	316000	LHS		
							Mr. Shailendra	9463989989



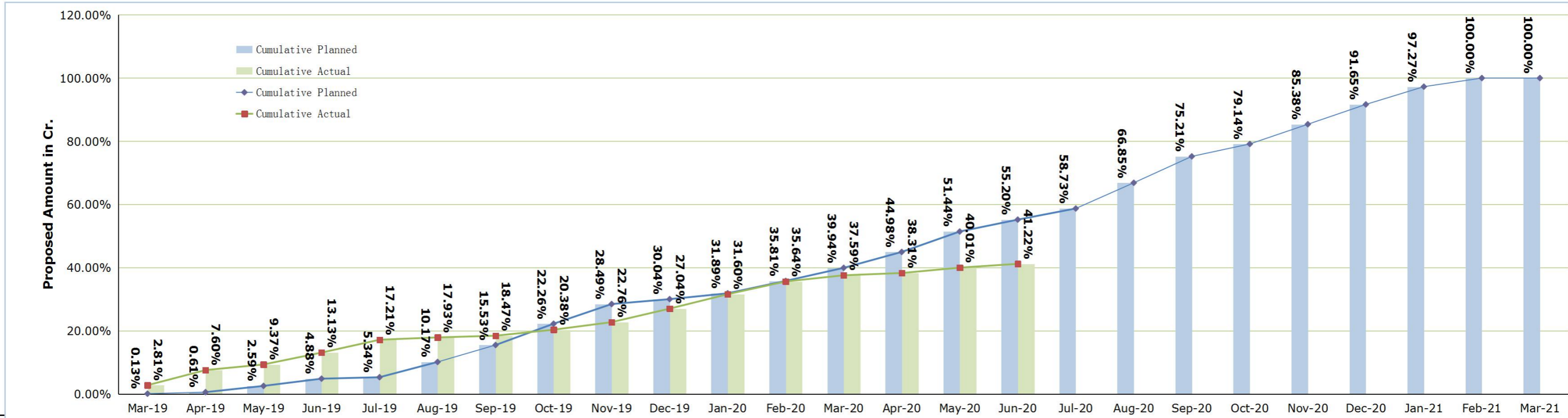
**Annexure 03 RFI Summary**

Highway RFI								
Sr.	DEL NO	Inspection	Item Description	Chainage		Side	Contact Person	Contact
304	VKE-3/PIL/HW/9097	10-06-2020	EMB 7th. Layer F.D.D	315920	316000	RHS	Mr. Shailendra	9463989989
305	VKE-3/PIL/HW/9098	10-06-2020	EMB 1st. Layer F.D.D	316430	316500	LHS		
306	VKE-3/PIL/HW/9099	10-06-2020	EMB 1st. Layer F.D.D	316430	316500	RHS		
307	VKE-3/PIL/HW/9100	12-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	295170	295300	RHS		
308	VKE-3/PIL/HW/9101	12-06-2020	EMB 13th. Layer F.D.D	295300	295360	RHS		
309	VKE-3/PIL/HW/9102	12-06-2020	Subgrade Top Layer F.D.D & level checking	297260	297340	LHS		
310	VKE-3/PIL/HW/9103	12-06-2020	EMB 11th. Layer F.D.D	301250	301360	RHS		
311	VKE-3/PIL/HW/9104	12-06-2020	EMB 14th. Layer F.D.D	301250	301360	LHS		
312	VKE-3/PIL/HW/9105	12-06-2020	EMB 16th. Layer F.D.D	307800	307900	RHS		
313	VKE-3/PIL/HW/9106	12-06-2020	EMB 7th. Layer F.D.D	304000	304150	RHS		
314	VKE-3/PIL/HW/9107	12-06-2020	EMB 12th. Layer F.D.D	304000	304150	LHS		
315	VKE-3/PIL/HW/9108	12-06-2020	EMB 16th. Layer F.D.D	309160	309350	RHS		
316	VKE-3/PIL/HW/9109	13-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	295170	295300	RHS		
317	VKE-3/PIL/HW/9110	13-06-2020	EMB Top Layer F.D.D & level checking	296100	296200	LHS		
318	VKE-3/PIL/HW/9111	13-06-2020	EMB Top Layer F.D.D & level checking	296200	296340	LHS		
319	VKE-3/PIL/HW/9112	13-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	296200	296340	RHS		
320	VKE-3/PIL/HW/9113	13-06-2020	EMB Top Layer F.D.D & level checking	303840	304000	RHS		
321	VKE-3/PIL/HW/9114	13-06-2020	EMB Top Layer F.D.D & level checking	303840	304000	LHS		
322	VKE-3/PIL/HW/9115	13-06-2020	EMB Top Layer F.D.D & level checking	312300	312500	RHS		
323	VKE-3/PIL/HW/9116	13-06-2020	EMB Top Layer F.D.D & level checking	312500	312670	LHS		
324	VKE-3/PIL/HW/9117	13-06-2020	EMB Top Layer F.D.D & level checking	312500	312670	RHS		
325	VKE-3/PIL/HW/9118	13-06-2020	GSB Top. Layer F.D.D & level checking	314910	315160	LHS		
326	VKE-3/PIL/HW/9119	13-06-2020	GSB Top. Layer F.D.D & level checking	317540	317650	LHS		
327	VKE-3/PIL/HW/9120	13-06-2020	EMB 8th. Layer F.D.D	319500	319550	LHS		
328	VKE-3/PIL/HW/9121	13-06-2020	EMB 12th. Layer F.D.D	319600	319700	RHS		
329	VKE-3/PIL/HW/9122	13-06-2020	EMB 10th. Layer F.D.D	320100	320200	LHS		
330	VKE-3/PIL/HW/9123	13-06-2020	EMB 15th. Layer F.D.D	320200	320300	LHS		
331	VKE-3/PIL/HW/9124	13-06-2020	EMB 12th. Layer F.D.D	320400	320600	RHS		
332	VKE-3/PIL/HW/9125	19-06-2020	GSB Top. Layer F.D.D & level checking	306850	307120	LHS		
333	VKE-3/PIL/HW/9126	19-06-2020	GSB Top. Layer F.D.D & level checking	306850	307120	RHS		
334	VKE-3/PIL/HW/9127	20-06-2020	GSB Top. Layer F.D.D & level checking	306850	307120	LHS		
335	VKE-3/PIL/HW/9128	20-06-2020	GSB Top. Layer F.D.D & Level Checking	306850	307120	RHS		
336	VKE-3/PIL/HW/9129	21-06-2020	GSB Top. Layer F.D.D & level checking	306850	307120	LHS		
337	VKE-3/PIL/HW/9130	21-06-2020	Laying & FDD Checking of DLC	306850	307120	RHS		
338	VKE-3/PIL/HW/9131	21-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	295170	295300	RHS		
339	VKE-3/PIL/HW/9132	21-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	295850	295960	RHS		
340	VKE-3/PIL/HW/9133	21-06-2020	EMB Top Layer F.D.D & level checking	296150	296340	LHS		
341	VKE-3/PIL/HW/9134	22-06-2020	EMB 18th. Layer F.D.D	294730	294960	RHS		
342	VKE-3/PIL/HW/9135	22-06-2020	EMB Top Layer F.D.D & level checking	296100	296150	LHS		
343	VKE-3/PIL/HW/9136	22-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	296200	296340	RHS		
344	VKE-3/PIL/HW/9137	22-06-2020	GSB Top. Layer F.D.D & Level Checking	306850	307120	LHS		
345	VKE-3/PIL/HW/9138	23-06-2020	Laying & FDD Checking of DLC	306850	307120	LHS		
346	VKE-3/PIL/HW/9139	23-06-2020	GSB Top. Layer F.D.D & Level Checking	307200	307500	RHS		
347	VKE-3/PIL/HW/9140	23-06-2020	EMB 18th. Layer F.D.D	294730	294960	RHS		
348	VKE-3/PIL/HW/9141	23-06-2020	EMB Top Layer F.D.D & level checking	295600	295700	LHS		
349	VKE-3/PIL/HW/9142	23-06-2020	EMB Top Layer F.D.D & level checking	295600	295740	RHS		
350	VKE-3/PIL/HW/9143	23-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	295700	295880	LHS		
351	VKE-3/PIL/HW/9144	23-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	295880	295960	LHS		
352	VKE-3/PIL/HW/9145	23-06-2020	EMB 12th. Layer F.D.D	319600	319700	RHS		
353	VKE-3/PIL/HW/9146	23-06-2020	EMB 12th. Layer F.D.D	320400	320600	RHS		
354	VKE-3/PIL/HW/9147	24-06-2020	EMB 9th. Layer F.D.D	320000	320100	LHS		
355	VKE-3/PIL/HW/9148	24-06-2020	EMB 10th. Layer F.D.D	320100	320200	LHS		
356	VKE-3/PIL/HW/9149	24-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	295750	295850	RHS		
357	VKE-3/PIL/HW/9150	24-06-2020	EMB Top Layer F.D.D & level checking	295850	295960	RHS		
358	VKE-3/PIL/HW/9151	24-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	296200	296340	RHS		
359	VKE-3/PIL/HW/9152	24-06-2020	Laying & FDD Checking of DLC	306850	307120	LHS		
360	VKE-3/PIL/HW/9153	24-06-2020	EMB 18th. Layer F.D.D	294730	294960	RHS		
361	VKE-3/PIL/HW/9154	25-06-2020	Laying of Geo Textile after Subgrade Top	307200	307500	LHS		
362	VKE-3/PIL/HW/9155	25-06-2020	GSB Top. Layer F.D.D & level checking	307200	307500	LHS		
363	VKE-3/PIL/HW/9156	25-06-2020	EMB 9th. Layer F.D.D	320000	320100	LHS		
364	VKE-3/PIL/HW/9157	25-06-2020	EMB 10th. Layer F.D.D	320100	320200	LHS		
365	VKE-3/PIL/HW/9158	25-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	295750	295850	RHS		
366	VKE-3/PIL/HW/9159	25-06-2020	EMB Top Layer F.D.D & level checking	295850	295960	RHS		
367	VKE-3/PIL/HW/9160	25-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	296200	296340	RHS		
368	VKE-3/PIL/HW/9161	26-06-2020	EMB 18th. Layer F.D.D	294730	294960	RHS		
369	VKE-3/PIL/HW/9162	26-06-2020	EMB Top Layer F.D.D & level checking	296100	296150	LHS		
370	VKE-3/PIL/HW/9163	26-06-2020	EMB Top Layer F.D.D & level checking	296100	296200	RHS		
371	VKE-3/PIL/HW/9164	26-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	296200	296340	RHS		
372	VKE-3/PIL/HW/9165	26-06-2020	Laying & FDD Checking of DLC	307350	307480	RHS		
373	VKE-3/PIL/HW/9166	27-06-2020	EMB Top Layer F.D.D & level checking	295170	295300	RHS		
374	VKE-3/PIL/HW/9167	27-06-2020	Subgrade 1st. Layer F.D.D	296150	296340	LHS		
375	VKE-3/PIL/HW/9168	27-06-2020	EMB Top Layer F.D.D & level checking	295170	295300	RHS		
376	VKE-3/PIL/HW/9169	27-06-2020	EMB Top Layer F.D.D & level checking	295750	295800	RHS		
377	VKE-3/PIL/HW/9170	27-06-2020	GSB Top. Layer F.D.D & level checking	314910	315150	LHS		
378	VKE-3/PIL/HW/9171	28-06-2020	Subgrade 1st. Layer F.D.D	295600	295740	RHS		
379	VKE-3/PIL/HW/9172	28-06-2020	Subgrade 1st. Layer F.D.D	295600	295680	LHS		
380	VKE-3/PIL/HW/9173	28-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	295960	296700	RHS		

Highway RFI								
Sr.	RFI NO	Inspection	Item Description	Chainage		Side	Contact Person	Contact
381	VKE-3/PIL/HW/9174	29-06-2020	EMB 10th. Layer F.D.D	294400	294500	RHS		
382	VKE-3/PIL/HW/9175	29-06-2020	EMB Top. Layer F.D.D & level checking	295750	295850	RHS		
383	VKE-3/PIL/HW/9176	29-06-2020	Subgrade 1st. Layer F.D.D	295850	295960	RHS		
384	VKE-3/PIL/HW/9177	29-06-2020	GSB Top. Layer F.D.D & level checking	314910	315150	LHS		
385	VKE-3/PIL/HW/9178	30-06-2020	GSB Top. Layer F.D.D & level checking	314910	315150	LHS		
386	VKE-3/PIL/HW/9179	30-06-2020	EMB 12th. Layer F.D.D	293700	293850	LHS		
387	VKE-3/PIL/HW/9180	30-06-2020	EMB 10th. Layer F.D.D	294400	294500	RHS		
388	VKE-3/PIL/HW/9181	30-06-2020	EMB Top. Layer F.D.D & level checking	296200	296340	RHS		

S- Curve (Physical Progress for Project Milestone)

Date:

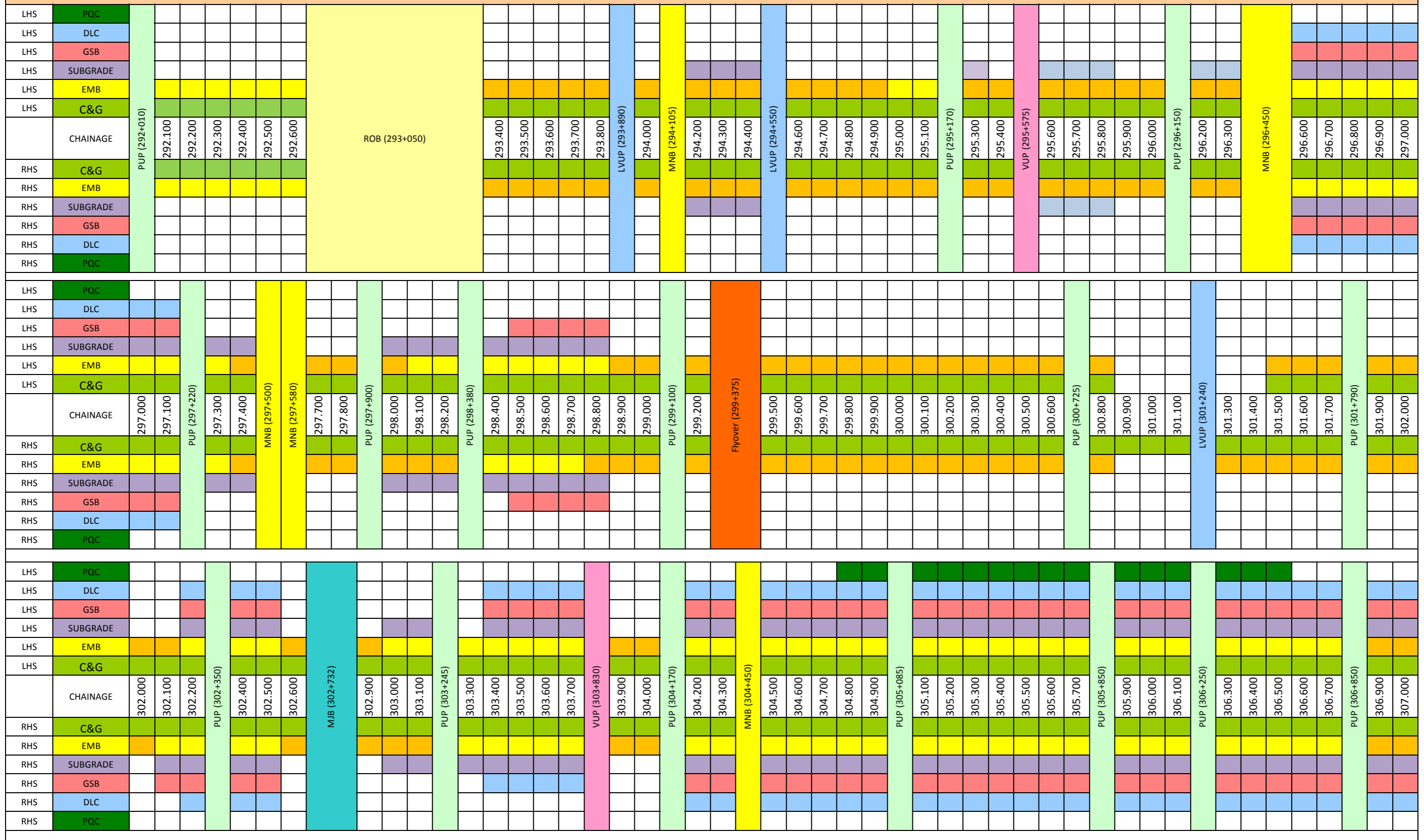


		MS-I								MS-II								MS-III								MS-IV	
Months		Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	
Monthly Planned	Value(Cr)	2.00	7.50	30.51	35.39	7.11	74.56	82.84	104.03	96.26	23.99	28.48	60.61	63.85	77.77	99.81	58.15	54.50	125.54	129.12	60.77	96.28	96.93	86.79	42.16	0.00	
	Percentage(%)	0.13%	0.49%	1.97%	2.29%	0.46%	4.83%	5.36%	6.73%	6.23%	1.55%	1.84%	3.92%	4.13%	5.03%	6.46%	3.76%	3.53%	8.13%	8.36%	3.93%	6.23%	6.27%	5.62%	2.73%	0.00%	
Cumulative Planned	Value(Cr)	2.00	9.50	40.01	75.39	82.50	157.07	239.91	343.94	440.20	464.19	492.67	553.28	617.13	694.89	794.71	852.85	907.35	1032.89	1162.02	1222.78	1319.06	1415.99	1502.78	1545.00	1545.00	
	Percentage(%)	0.13%	0.61%	2.59%	4.88%	5.34%	10.17%	15.53%	22.26%	28.49%	30.04%	31.89%	35.81%	39.94%	44.98%	51.44%	55.20%	58.73%	66.85%	75.21%	79.14%	85.38%	91.65%	97.27%	100.00%	100.00%	
Mile stone Ach. Actual										MS-I (02.11.2019)				MS-II (04.03.2020)													
Monthly Actual	Value(Cr)	43.36	74.02	27.44	58.03	62.99	11.24	8.34	29.46	36.81	66.11	70.52	62.44	30.13	11.09	26.30	18.66										
	Percentage(%)	2.81%	4.79%	1.78%	3.76%	4.08%	0.73%	0.54%	1.91%	2.38%	4.28%	4.56%	4.04%	1.95%	0.72%	1.70%	1.21%										
Cumulative Actual	Value(Cr)	43.36	117.38	144.82	202.85	265.83	277.07	285.40	314.87	351.68	417.79	488.20	550.64	580.77	591.86	618.15	636.81										
	Percentage(%)	2.81%	7.60%	9.37%	13.13%	17.21%	17.93%	18.47%	20.38%	22.76%	27.04%	31.60%	35.64%	37.59%	38.31%	40.01%	41.22%										

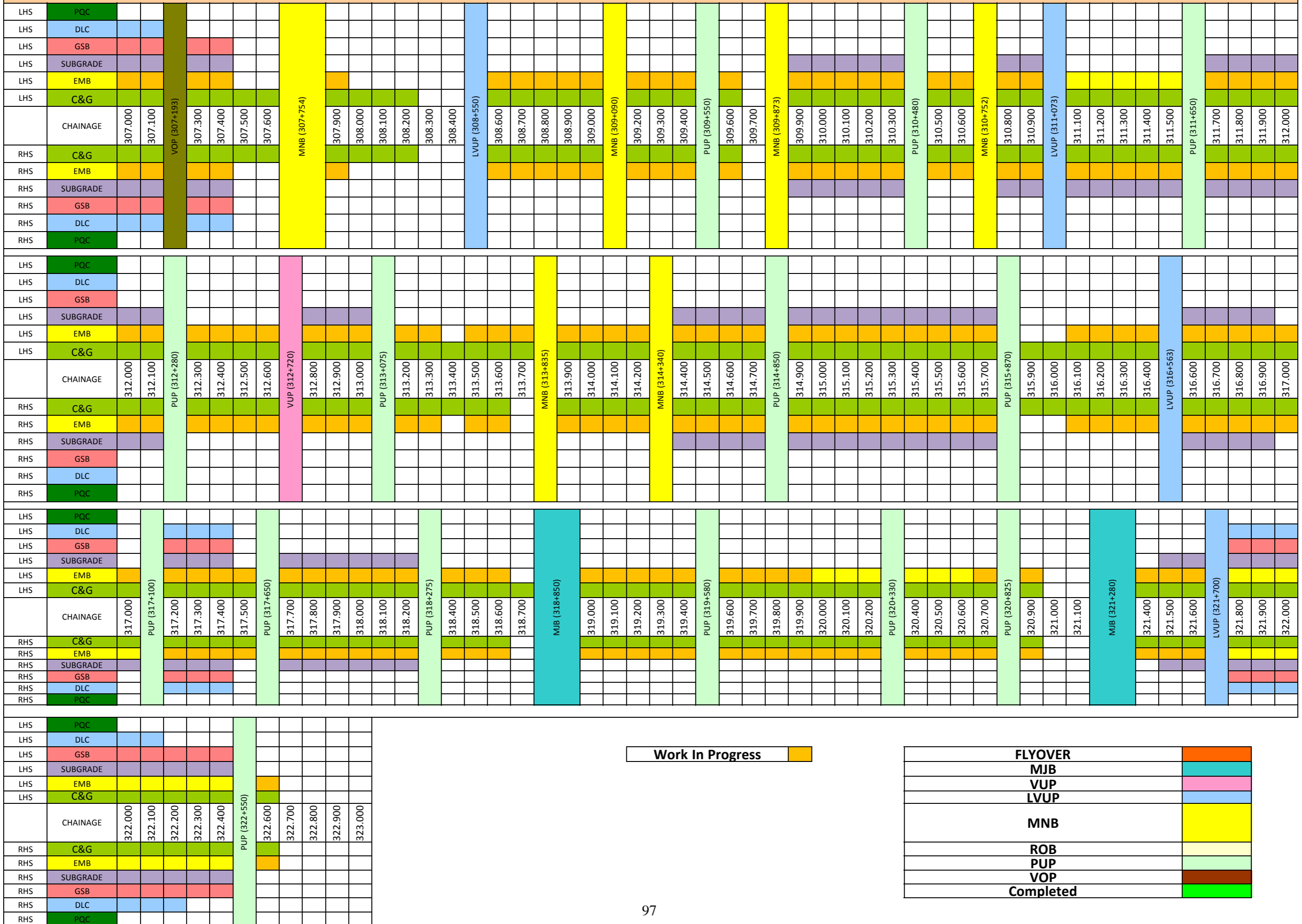




VADODARA-KIM EXPRESSWAY PROJECT  
 FROM CHAINAGE 292+000 TO 323+000  
 MCW STRIP CHART



VADODARA-KIM EXPRESSWAY PROJECT  
FROM CHAINAGE 292+000 TO 323+000  
MCW STRIP CHART



**VADODARA-KIM EXPRESSWAYPROJECT  
FROM CHAINAGE 292+000 TO 323+000  
SERVICE ROAD STRIP CHART**

LHS	BC																																		
LHS	DBM																																		
LHS	WMM																																		
LHS	GSB																																		
LHS	SUBGRADE																																		
LHS	EMB																																		
	CHAINAGE	294.270	294.370	294.470	294.520	299.350	299.450	299.550	299.650	299.750	306.250	306.350	306.380	308.270	308.370	308.470	308.550	311.550	311.650	311.750	314.350	314.450	314.510	318.900	318.980										
RHS	EMB																																		
RHS	SUBGRADE																																		
RHS	GSB																																		
RHS	WMM																																		
RHS	DBM																																		
RHS	BC																																		

Progress During Month



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												Ch: 293+014 (17 spans) 6x30 +1x24.6 +2x8.7 to 30 +1x33.75 +1x33 +5x33	RHS												
Super structure					Sub Structure (Abtmt/Pier Cap)				Foundation (Pile Cap)			Foundation (Pile Cap)			Sub Structure (Abtmt/Pier Cap)			Super structure							
Completed					Completed				Completed			Completed			Completed			Completed							
Crash Barrier	Exp Joint	Slab	Cross Girder	Main Girder	Scope		Pedestals	Cap	Stem	Scope	Completed	Scope	Scope	Completed	Scope	Stem	Cap	Pedestals	Scope	Main Girder	Cross Girder	Slab	Exp Joint	Crash Barrier	
																									Completed
					A1-P1	1		1	1	1	1	1	A1	1	1	1	1	1	1	1	A1-P1				
					P1-P2	1		1	1	1	1	1	P1	1	1	1	1	1	1	1	P1-P2				
					P2-P3	1		1	1	1	1	1	P2	1	1	1	1	1	1	1	P2-P3				
					P3-P4	1		1	1	1	1	1	P3	1	1	1	1	1	1	1	P3-P4				
					P4-P5	1		1	1	1	1	1	P4	1	1	1	1	1	1	1	P4-P5				
					P5-P6	1		1	1	1	1	1	P5	1	1	1	1	1	1	1	P5-P6				
					P6-P6a	1		1	1	1	1	1	P6	1		1									
					P6a-P7	1				1		1	P6a	↑						1	P6-P7				
					P7-P8	1				1	1	1	P7	1	1	1	1	1	1	1	P7-P8				
					P8-P9	1				1		1	P8	1		1			1	1	P8-P9				
					P9-P10	1				1		1	P9	1		1			1	1	P9-P9				
												1		1	P9a	1	1	1			1	P9a-P10			
					P10-P11	1		1	1	1	1	1	P10	1	1	1			1	1	P10-P11				
					P11-P12	1				1	1	1	P11	1	1	1	1	1	1	1	P11-P12				
					P12-P13	1				1	1	1	P12	1	1	1			1	1	P12-P13				
					P13-P14	1				1	1	1	P13	1	1	1			1	1	P13-P14				
					P14-P15	1				1	1	1	P14	1	1	1			1	1	P14-P15				
					P15-A2	1				1	1	1	P15	1	1	1			1	1	P15-A2				
						17	0	8	8	18	15	18			18	15	18	9	7	0	17				

CONSTRUCTION OF EIGHT LANE VADODARA KIM EXPRESSWAY PKG III (From Km 292.00 To Km 323.00)																					
Major Bridges (Total 3 nos.)																					
LHS											Chainage	RHS									
Super Structure					Sub Structure				Foundation (Pile Cap/ Open)			Foundation (Pile Cap/ Open)		Sub Structure			Super Structure				
Completed					Completed				Scope	Completed		Scope	Scope	Completed	Scope	Completed	Scope	Completed	Scope	Completed	Scope
Crash Barrier	Exp Joint	Slab	Cross Girder	Main Girder	Pedestals	Cap	Stem	Main Girder													
											<b>302+713</b> Bhukhi Khadi 2x37.847+ 1x38.045										
							1	1	1	1	<b>A1</b>	1	1	1	1	1					
							1	1	1	1	<b>P1</b>	1	1	1	1						
						1	1	1	1	1	<b>P2</b>	1	1	1	1	1					
							1	1	1	1	<b>A2</b>	1	1	1	1						
						1	4	4	4	4		4	4	4	4	2					
											<b>318+870</b> SSNNL Canal 2x32.20+ 1x15.85										
							1	1	1	1	<b>A1</b>	1	1	1	1						
							1	1	1	1	<b>P1</b>	1	1	1	1						
						1	1	1	1	1	<b>P2</b>	1	1	1	1						
						1	1	1	1	1	<b>A2</b>	1	1	1	1	1					
						2	4	4	4	4		4	4	4	4	1					
											<b>321+253</b> Rupa Khadi 2x37.658										
						1	1	1	1	1	<b>A1</b>	1	1	1	1	1					
						1	1	1	1	1	<b>P</b>	1	1	1	1						
						1	1	1	1	1	<b>A2</b>	1	1	1	1	1					
						3	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													Chainage	RHS												
Super Structure					Scope	Sub Structure				Foundation (Pile cap/ Open/Raft)		Sl. No.		Foundation (Pile cap/ Open/Raft)		Sub Structure			Super Structure							
Completed						Completed				Completed	Scope			Scope	Completed	Scope	Completed			Scope	Completed					
Crash Barrier	Exp Joint	Slab	Cross Girder	Main Girder	Pedestal	Cap	Stem	Scope	Scope	Scope	Scope	Scope		Scope	Scope	Stem	Cap	Pedestal	Scope	Main Girder	Cross Girder	Slab	Exp Joint	Crash Barrier		
		1	NA	NA	1	NA	NA	1	2	1	1	1	294+085 Box 1x12	1	1	2	1	NA	NA	1	NA	NA	1			
					1				2		2	2	296+432 (GAIL) 1x27.846	2		2				1						
					1				2	1	2	3	297+472 1x17.688	2	1	2				1						
					1			2	2	2	2	4	297+562 1x37.394	2	2	2	2	1		1						
					1				2		2	5	304+454 (GAIL) 1x22.687	2		2				1						
					1			2	2	2	2	6	307+731 (SSNNL) 1x22.687	2	2	2	2			1						
					1				2		2	7	309+100 (GAIL) 1x45.200	2		2				1						
					1				2	2	2	8	309+840 (SSNNL) 1x23.740	2	2	2				1						
					1				2	2	2	9	310+720 (GSPL) Portal 1x21.35	2	2	2				1						
					1				2	2	2	10	313+809 (SSNNL) 1x24.410	2	2	2				1						
			NA	NA	1	NA	NA		2	1	1	11	314+314 Box 3x4.800	1	1	2		NA	NA	1	NA	NA				
		1			11			5	22	13	20		Total	20	13	22	5	1		11			1			

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												Chainage	RHS												
Super structure					Sub structure				Foundation (Pile Cap)				Foundation (Pile Cap)			Sub structure			Super structure						
Completed					Completed				Completed			299+354 (12.877+3 6.208+ 16.817)	Completed			Completed									
Crash Barrier	Exp Joint	Slab	Cross Girder	Main Girder	Scope	Pedestal	Cap	Stem	Scope	Completed	Scope		Scope	Completed	Scope	Completed	Scope	Stem	Cap	Pedestal	Scope	Main Girder	Cross Girder	Slab	Exp Joint
								1	1	1	1	A1	1	1	1	1									
								1	1	1	1	P1	1	1	1	1									
							1	1	1	1	1	P2	1	1	1	1									
								1	1	1	1	A2	1	1	1	1									
					3			4	4	4	4		4	4	4	4					3				

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		Completed			Scope	Completed				
	Scope	Completed	Scope	Completed	Scope	Stem	Cap		Pedestal		Girders	Slab	Exp Joint
307+170 (2x41.35)													
A1	12	12	1		1				A1-P1				
P1	16	16	1	1	1	1							
A2	12	12	1	1	1	1			P1-A2				
	40	40	3	2	3								

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	RHS						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	292+400	1	1	1	1	1		
		1	1	1	1	1	2	295+151	1	1	1	1	1		
		1	1	1	1	1	3	295+990	1	1	1	1	1		
		1	1	1	1	1	4	297+220	1	1	1	1	1		
		1	1	1	1	1	5	297+900	1	1	1	1	1		
		1	1	1	1	1	6	298+380	1	1	1	1	1		
		1	1	1	1	1	7	299+079	1	1	1	1	1		
		1	1	1	1	1	8	300+725	1	1	1	1	1		
		1	1	1	1	1	9	301+790	1	1	1	1	1		
		1	1	1	1	1	10	302+055	1	1					
		1	1	1	1	1	11	303+220	1	1	1	1	1		
		1	1	1	1	1	12	304+170	1	1	1	1	1		
		1	1	1	1	1	13	305+058	1	1	1	1	1		
		1	1	1	1	1	14	305+850	1	1	1	1	1		
		1	1	1	1	1	15	306+060	1	1	1	1	1		
		1	1	1	1	1	16	306+820	1	1	1	1	1		
		1	1	1	1	1	17	309+550	1	1	1	1	1		
		1	1	1	1	1	18	310+480	1	1	1	1	1		
		1	1	1	1	1	19	311+650	1	1	1	1	1		
						1	20	312+280	1						
		1	1	1	1	1	21	313+075	1	1					
		1	1	1	1	1	22	314+850	1	1	1	1	1		
		1	1	1	1	1	23	315+870	1	1	1	1	1		
					1	1	24	316+960	1	1	1	1	1		
		1	1	1	1	1	25	317+460	1	1					
		1	1	1	1	1	26	318+400	1	1					
		1	1	1	1	1	27	319+580	1	1	1	1	1		
		1	1	1	1	1	28	320+330	1	1	1	1	1		
		1	1	1	1	1	29	320+825	1	1	1	1	1		
			1	1	1	1	30	322+550	1	1					
	0	26	27	27	29	30			30	29	24	24	24		

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																
Ret./ RE Wall	LHS						Sl. No.	VUP/ LVUP	Chainage	RHS						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	VUP	295+554	1	1	1	1	1		
		1	1	1	1	1	2	VUP	303+808	1	1	1	1	1		
			1	1	1	1	3	VUP	312+695	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	3	LVUP	301+214	1	1	1	1	1		
			1	1	1	1	4	LVUP	308+550	1	1	1	1	1		
		1	1	1	1	1	5	LVUP	311+047	1	1	1	1	1		
		1	1	1	1	1	6	LVUP	316+536	1	1	1	1	1		
			1	1	1	1	7	LVUP	321+673	1	1	1	1	1		
		7	10	10	10	10				10	10	9	9	9		

CONSTRUCTION OF EIGHT LANE VADODARA KIM EXPRESSWAY PKG III (From Km 292.00 To Km 323.00)																			
BOX CULVERTS (Total 27 nos.)																			
LHS								Sl. No.	Chainage			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	292+450		1x2x2	1	1	1	1	1			
						1	1	2	294+730	SSNNL	2x4x4	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	4	295+585		1x3x3	1	1	1	1	1	1	1	
								5	296+376		1x3x3								
						1	1	6	299+858	SSNNL	1x3x3	1	1	1	1	1			
1	1	1	1	1	1	1	1	7	300+148		1x3x4	1	1	1	1	1	1	1	
								8	301+220	SSNNL	1x5x3								
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	10	305+437		1x2x2	1	1	1	1	1	1	1	
								11	307+193 (0+250)		1x2x2								
								12	307+193 (0+650)		1x2x2								
			1	1	1	1	1	13	307+709	SSNNL	1x2.55x2	1	1						
						1	1	14	307+778	SSNNL	1x3.45x3	1	1						
								15	308+995	SSNNL	1x3.65x3								
						1		16	309+819	SSNNL	1x2x2	1							
								17	309+858	SSNNL	1x3x3								
1	1	1	1	1	1	1	1	18	314+148		1x3x4	1	1	1	1	1	1	1	
						1	1	19	315+225	SSNNL	1x2.45x2	1	1						
								20	316+420		1x2x2	1	1	1	1	1			
				1	1	1	1	21	316+558	SSNNL	1x2.45x2	1	1	1	1				
				1	1	1	1		317+485		1x3x3	1	1	1	1				
				1	1	1	1	22	318+586	SSNNL	1x3x3	1	1						



								<b>23</b>	322+750		1x2x2								
								<b>24</b>	Ramp 1(0+460)		1x2x2								
								<b>25</b>	Ramp 1(0+740)		1x2x2								
								<b>26</b>	Ramp 1(0+770)		1x2x2								
								<b>27</b>	Ramp 1(1+090)		1x2x2								
<b>5</b>	<b>5</b>		<b>7</b>	<b>10</b>	<b>10</b>	<b>15</b>	<b>16</b>					<b>17</b>	<b>16</b>	<b>11</b>	<b>11</b>	<b>9</b>		<b>5</b>	<b>5</b>

CONSTRUCTION OF EIGHT LANE VADODARA KIM EXPRESSWAY PKG III (From Km 292.00 To Km 323.00)											
HP CULVERTS (Total 35 nos.)											
Chamber	LHS				Sl. No.	Chainage	RHS				Chamber
	Cradle	Pipe Laying	PCC Bedding	Excavation			Excavation	PCC Bedding	Pipe Laying	Cradle	
	1	1	1	1	1	293+620	1	1	1	1	
	1	1	1	1	2	294+420	1	1	1	1	
	1	1	1	1	3	295+870	1	1	1	1	
	1	1	1	1	4	296+720	1	1	1	1	
	1	1	1	1	5	298+120	1	1	1	1	
	1	1	1	1	6	298+819	1	1	1	1	
	1	1	1	1	7	300+445	1	1	1	1	
	1	1	1	1	8	300+970	1	1	1	1	
	1	1	1	1	9	301+500	1	1	1	1	
	1	1	1	1	10	302+270	1	1	1	1	
	1	1	1	1	11	302+578	1	1	1	1	
	1	1	1	1	12	303+608	1	1	1	1	
	1	1	1	1	13	304+069	1	1	1	1	
	1	1	1	1	14	304+649	1	1	1	1	
	1	1	1	1	15	307+340	1	1	1	1	
	1	1	1	1	16	307+969	1	1	1	1	
	1	1	1	1	17	308+320	1	1	1	1	

HP CULVERTS (Total 35 nos.)											
Chamber	LHS				Sl. No.	Chainage	RHS				Chamber
	Cradle	Pipe Laying	PCC Bedding	Excavation			Excavation	PCC Bedding	Pipe Laying	Cradle	
	1	1	1	1	18	308+794	1	1	1	1	
	1	1	1	1	19	309+368	1	1	1	1	
	1	1	1	1	20	310+119	1	1	1	1	
	1	1	1	1	21	311+329	1	1	1	1	
	1	1	1	1	22	311+969	1	1	1	1	
					23	312+679					
	1	1	1	1	24	313+369	1	1	1	1	
					25	313+812					
	1	1	1	1	26	314+669	1	1	1	1	
	1	1	1	1	27	315+719	1	1	1	1	
	1	1	1	1	28	316+069	1	1	1	1	
	1	1	1	1	29	316+819	1	1	1	1	
		1	1	1	30	317+430	1	1	1		
	1	1	1	1	31	319+268	1	1	1	1	
	1	1	1	1	32	319+969	1	1	1	1	
	1	1	1	1	33	320+719	1	1	1	1	
	1	1	1	1	34	322+294	1	1	1	1	
					35	322+778					
	31	32	32	32			32	32	32	31	

**PROJECT : Construction of Eight lane Vadodara Mumbai Expressway from km 292.00 to km 323.00 (Manubar to Sapna Section of Vadodara Mumbai Expressway) in the state of Gujrat under NHDP Phase -VI on Hybrid annuity Mode (Phase IA- Package-III)**

**LAB. EQUIPMENTS CALIBRATION PLAN FOR THE MONTH OF JUNE-2020**

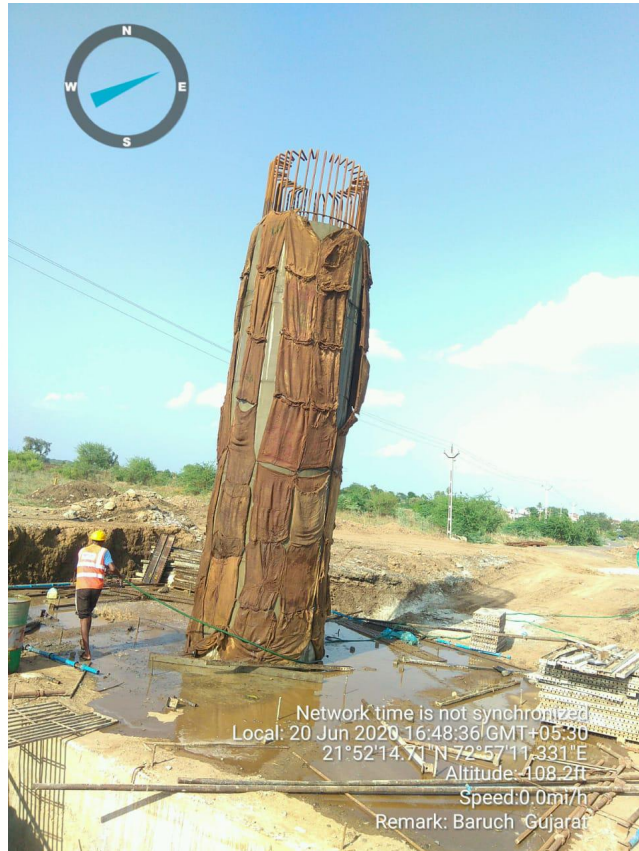
SL No	ITEM NAME	CAPACITY / SIZE	MAKE	ID NO	Date of Calibration	Due Date of Calibration	REMARK
1	Compression Testing Machine (CTM)	2000 KN	Haridarshan Instruments Lts	SL. No-201818	25.06.2020	24.06.2021	
2	Flexural Testing Machine (FTM)	100 KN	EIE Instruments	SL. No-1605180	18.12.2019	17.12.2020	
3	Proving Ring	25 KN	EIE Instruments	PR-25KN-01884	06.02.2020	05.04.2022	
4	Electronic Balance	100 Kg	Swisser	SL. No-2190647	05.07.2019	04.07.2020	
5	Electronic Balance	50 Kg	Swisser	SL. No-2191210	24.12.2019	23.12.2020	
6	Electronic Balance	50 Kg	Swisser	SL. No-2191211	24.12.2019	23.12.2020	
7	Electronic Balance	50 Kg	Swisser	SL. No-2190683	05.07.2019	04.07.2020	
8	Electronic Balance	30 Kg	Swisser	SL. No-2190713	10.07.2019	07.07.2020	
9	Electronic Balance	30 Kg	Swisser	SL. No-2190714	10.07.2019	07.07.2020	
10	Electronic Balance	20 Kg	Swisser	SL. No-2190701	05.07.2019	04.07.2020	
11	Rapid Moisture Meter (RMM)	0-25 %	EIE Instruments		24.12.2019	23.12.2020	
12	Digital Multi Thermometer	-50 to 300 o <sup>c</sup>	ACETEQ	ST-9283B	17.02.2020	16.02.2021	
13	Vicat Needle Apparatus		EIE Instruments		04.07.2019	03.07.2020	
14	CBR Mould	150 mm	EIE Instruments		24.12.2019	23.12.2020	
15	Proctor Rammer	4.89 Kg.	EIE Instruments		12.06.2020	11.06.2021	
16	Rain Gauge		EIE Instruments		02.07.2019	01.07.2020	
17	Nuclear Density Gauge	Model No-H5001EZ	Humboldt	Sr. No-5458	09.09.2019	08.09.2020	
<b>IN-HOUSE CALIBRATION</b>							
1	Concrete Batching Plant (Patel)	240 M <sup>3</sup> /Hour	Schwing Stetter	H6N	21.06.2020	20.09.2020	
2	Concrete Batching Plant (Patel)	112 M <sup>3</sup> /Hour	Schwing Stetter	M-2.5 C	17.04.2020	16.07.2020	
3	Concrete Batching Plant (Patel)	60 M <sup>3</sup> /Hour	Schwing Stetter	M-1.0 C	02.06.2020	01.09.2020	
4	Concrete Batching Plant (Keya)	60 M <sup>3</sup> /Hour	Schwing Stetter	M-1.0 C	23.05.2020	22.08.2020	
5	DLC Plant (Patel)	300 MT/Hour	Maxmech	MCMT300	21.06.2020	20.09.2020	
6	Moisture Container (Big Size)	100x75 cm	EIE Instruments		13.06.2020	12.12.2020	
7	CBR Mould	150 mm	EIE Instruments		12.06.2020	12.12.2020	
8	Moisture Container (Mideum Size)	75x50 cm	EIE Instruments		13.06.2020	12.12.2020	
9	Moisture Container (Small Size)	50x50 cm	EIE Instruments		13.06.2020	12.12.2020	
10	Sand Pouring Cylinder No-01	200 mm	EIE Instruments		19.04.2020	18.07.2020	
11	Sand Pouring Cylinder No-02	200 mm	EIE Instruments		16.06.2020	15.09.2020	
12	Sand Pouring Cylinder No-03	200 mm	EIE Instruments		19.05.2020	18.08.2020	
13	Sand Pouring Cylinder No-04	200 mm	EIE Instruments		16.06.2020	15.09.2020	
14	Sand Pouring Cylinder No-02	150 mm	EIE Instruments		01.05.2020	30.07.2020	
15	Rapid Moisture Meter(RMM) No-01	0-25 %	EIE Instruments		20.02.2020	19.08.2020	
16	Rapid Moisture Meter(RMM) No-02	0-25 %	EIE Instruments		08.07.2019	07.07.2020	
17	Proctor Mould	1000 cc	EIE Instruments		06.04.2020	05.10.2020	
18	CBR Mould	150 mm dia	EIE Instruments		06.04.2020	05.10.2020	
19	Concrete cube Mould	15x15x15 cm	EIE Instruments		28.02.2020	27.02.2021	
20	Cement Mortar Mould	7.06x7.06x7.06 cm	EIE Instruments		23.12.2019	22.12.2020	
21	Beam Mould	70x15x15 cm	EIE Instruments		14.07.2019	13.07.2020	
22	Slump Cone	30x20x10 cm	EIE Instruments		23.12.2019	22.12.2020	

# Annexure - 9 Project Photographs

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

MPR  
(Photographic)

JUNE



307+193

VOP pier P1 curing work in progress



318+840

MJBR girder formwork fixing in progress



Conducted drill on fire



Conducted TBT

MPR  
(Photographic)

JUNE



312+500  
To  
312+670

FDD checking of E top by IE

**LHS**

312+500  
To  
312+670

FDD checking of E top by IE

**RHS**

MPR  
(Photographic)

JUNE



Jun 25, 2020 10:11:05 AM

<p>307+250 To 307+480</p>	<p>GSB compaction work in progress</p>	<p>RHS</p>	<p>307+200 To 307+500</p>	<p>GSB bed curing in progress</p>	<p>LHS</p>
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MPR  
(Photographic)

JUNE



Jun 25, 2020 12:32:32 PM



<p>306+870 To 307+100</p>	<p>DLC curing in progress</p>		<p>306+870 To 307+100</p>	<p>DLC laying in progress</p>	<p>LHS</p>
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**Patel Infrastructure Limited**  
**Vadodara Kim Expressway PKG3**  
**Site Safety Report**

**CH- 312 Diversions (VUP) LHS SIDE**



**CH- 312+695 RHS SIDE**



R  
Shot on realme 2 Pro

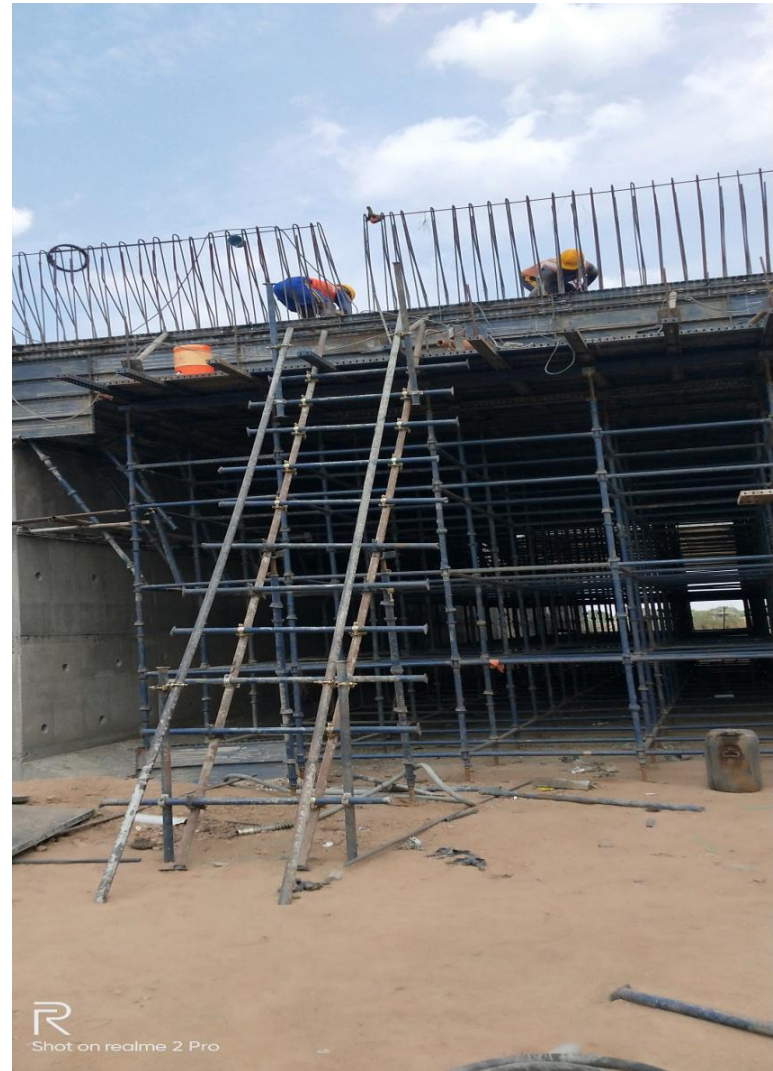
**CH-307+193 (VOP)**



**LADDER ARRANGMENT**



**CH-306+820**



**CH-301+790**

Annexure 10- Site Safety report

**FLY OVER CH-299+354**



**CH-318+850 (MAJOR BRIDGE)**



Annexure 10- Site Safety report



**CH-302 CANAL**



**USE OF SAFETY AT HEIGHT WORK**



**SAFETY TOOL BOX TALK ON DAILY BASIS**



**MONTHLY SAFETY MEETING**

Annexure 10- Site Safety report



**Patel Infrastructure Limited**

**Vadodara Kim Expressway**

**Environment Report (Month of June-2020)**

**Display Environment day banner at Office**



**At ROB Site**



**Tree planting by Project Director (NHA) & Team Leader**



### Tree planting by Management label staff (PIL)



### Environment Checking



## Soil, Water & DG Set Testing



## Good Housekeeping & Sprinkling Hypochlorite (On daily basis)





<b>Annexure 12 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.	
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.	
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.	No COS as on date	
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 0.335 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 1.399 Km, comprising of 0.335 km Land acquisition and 1.064 km affected due to utility shifting.	