

PVKEPL/HO/VKP3/IE/166/2020

Date: - 07.09.2020

To,

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

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

Subject:- Submission of Monthly Progress Report for the Month of August'20-Reg.

Ref: IE letter no. AA/VKE/PVKEPL/445/20-21/MPR /2126 dated 11.08.2020

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 August, 2020 for the aforesaid project work.

Further, the comments communicated vide your office letter no.2126 on Monthly Progress Report for the Month of July, 2020 has already incorporated in our submission of MPR for July'2020 month along with detailed compliance vide our letter no 146 Dt. 07.08.2020.

This is for your information and record please.

Thanking you,

Yours Faithfully,

For, Patel Vadodara Kim Expressway Pvt. Lt.d



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

Copy to: GM (Tech) & Project Director, National Highway Authority of India, PIU Bharuch
AAI-8, Rangkrishna Avenue Society, Near Zadeshwar chowkdi, Sukaltirth Road,
Bharuch (Gujrat)-392011 - For your information please.
Encl.:- As Above.

Patel Vadodara-Kim Expressway Private Limited

Regd. Office

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

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CIN : U45309GJ2018PTC101801



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

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

MONTHLY PROGRESS REPORT 18 FOR THE MONTH OF AUGUST-2020



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

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1.0 EXECUTIVE SUMMARY

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

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

This report covers the activities for the month of August 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 9.12 Km, Granular Sub base in 6.20 km, Dry Lean Concrete in 5.75 Km and Pavement Quality Concrete completed in 0.87 km. The overall Physical progress as on 31st August 2020 is assessed to be approximately 41.63%. The financial progress achieved as on 31st August 2020 is assessed to be 39.98 %.

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 (%)	66.85 %
Cumulative Physical Progress up to current month (%)	41.83%
Physical Progress Achieved during current month (%)	0.20 %
Financial progress (%)	40.16 %
Cumulative Expenditure till date (Rs Cr)	687.53 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	
		Total	31	Km	

1.3 Strip Plan (Summary)

1. Work front Unavailable & reason for Unavailability			2. Length completed by layer (MCW)				3. Length completed by layer (Service Road)		
	Length (km)	% Total Pending Length		Length (km)		% Total Length		Length (km)	%Total Length
				Completed	In Progress				
Total Length	31.00	100%	Total Length	29.37		100%	Total Length	-	-
Pending Land Acquisition(A)	0.335	1.08%	Total Length Completed (Till PQC)	0.875	-	2.98%	Total Length Completed (Till DBM)	-	-
Pending Clearances Encumbrances(Uilities like electrical, water ,tree cutting)(B)	0.3	0.97%		DLC	5.758	-	19.61%	BC	-
Total Work front Unavailable (C=A+B)	0.635	2.05%	GSB	6.20	2.92	21.11%	WMM	-	-
			Sub-Grade	9.12	2.33	31.05%	GSB	-	-
			Embankment Top	11.45	15.33	38.98%	Sub-Grade	-	-
			C&G	28.85		98.23%	C&G	-	-

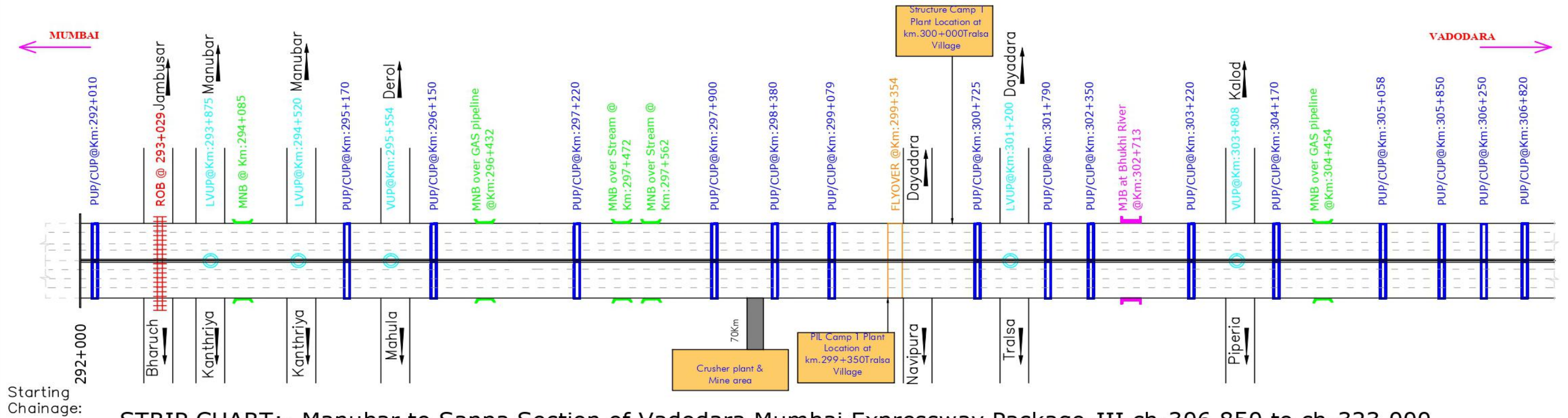
Land Acquisition- 0.335 Km

Gas Pipe line 0.180 Km

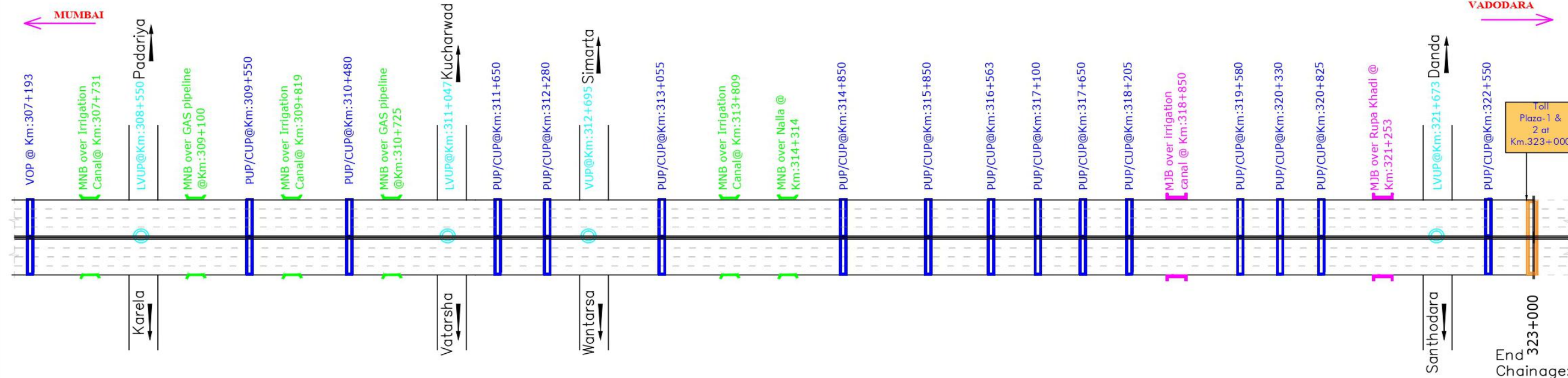
DGVCL 0.120 Km

Total Hindered Length 0.635 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)		Under Pass (PUP/CUP)
	Minor Bridge(MNB)		Flyover
	Grade Separated Structure (VUP/LVUP)		Toll Plaza
	Railway Over Bridge (ROB)		Rigid Pavement

Salient Features of Project:

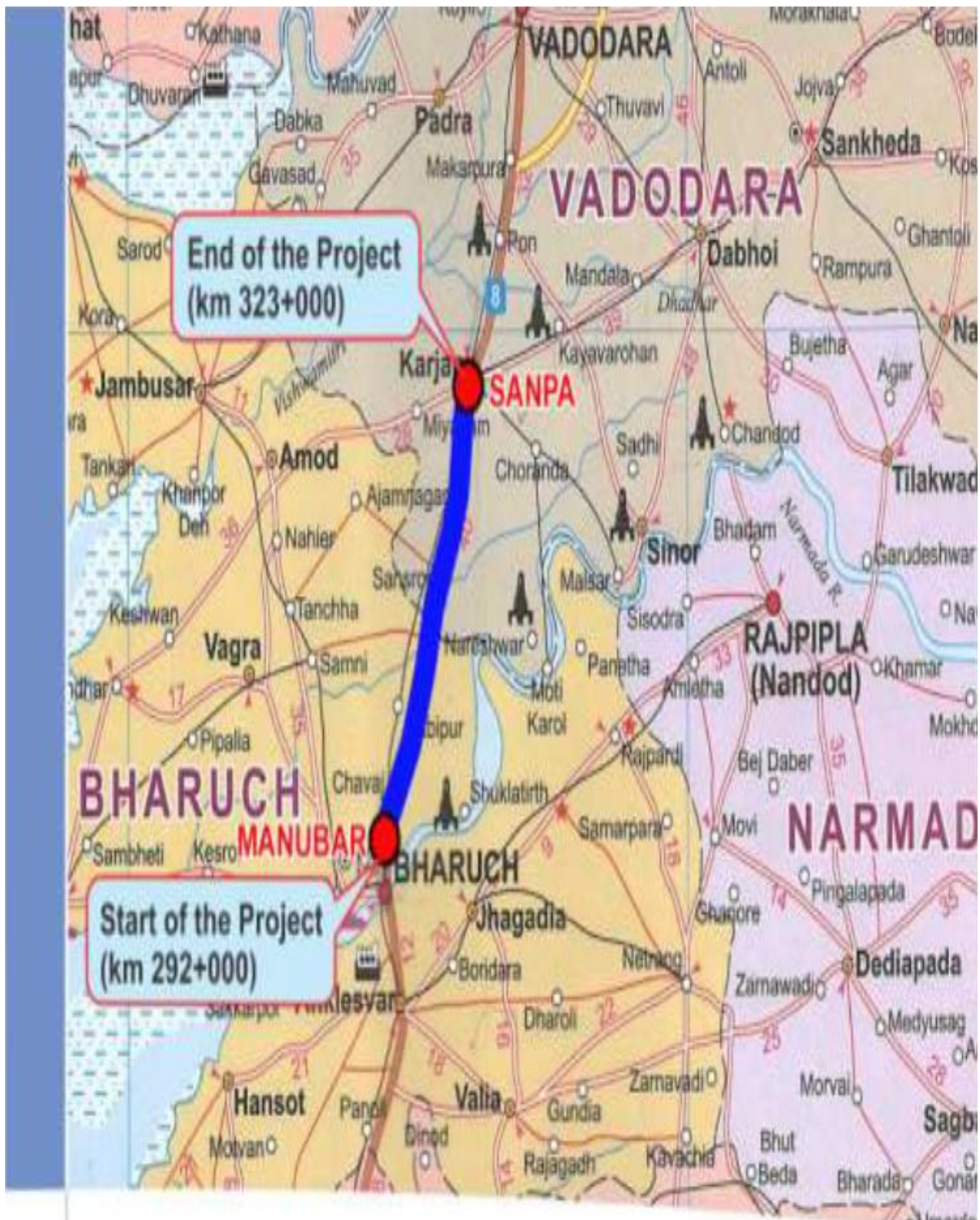
SI No	Description	Unit	Scope	SI No	Description	Unit	Scope	SI No	Description	Unit	Scope
1.	Total Length of Project	Km	31.000	5.	Hume Pipe Culvert	Nos.	35	9.	Flyover	Nos.	01
2.	Length of Connecting Road	Km	1.495	iii.	Minor Bridge (over stream)	Nos.	07	10.	Major Intersection	Nos.	01
3.	Length of Cross Road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

Drawing Title

Strip Plan - Manubar to Sanpa Section of Vadodara Mumbai Expressway Package-III CH.-292.000 to CH.-323.000

Date.	Project No.
14-02-2019	

Figure1 Location MAP



2.0 Project Overview

2.1 Salient Features of Project

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

2.2 Project Overview

2.2.1 Structures & Other Works

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

2.2.2 Highway

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

2.2.3 PROJECT LOCATION

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

2.2.4 PROJECT DESCRIPTION

The road passes through plain and rolling terrain. Land use is mostly agricultural 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 Th DAY	20%	05/08/2019	342.4
2	Milestone – 2	330 Th DAY	35%	01/02/2020	599.2
3	Milestone – 3	480 Th DAY	75%	30/06/2020	1284.0
4	Milestone – 4	730 Th DAY	100%	07/03/2021	1712.0

2.4 Critical Issues & Action Log

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

3.0 Physical Progress

Component	% Weightage	Physical Progress (Cumulative Up to Current Month)
Road Work	69.024%	27.73%
Major Bridge Works	17.368 %	12.58%
Structures	0.84 %	-
Others	12.768 %	1.52%
Total Physical Progress		41.83%

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

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

Sr. No	From	To	Side	Length	TCS Type
1	292+000	292+600	BHS	600.00	TCS 1
2	292+600	292+790	BHS	190.00	TCS 4
3	292+790	293+310	BHS	520.00	ROB/ Structure
4	293+310	293+500	BHS	190.00	TCS 4
5	293+500	294+270	BHS	770.00	TCS 1
6	294+270	294+520	BHS	250.00	TCS 2
7	294+520	299+100	BHS	4580.00	TCS 1
8	299+100	299+350	BHS	250.00	TCS 4 / Structure
9	299+350	299+750	BHS	400.00	TCS 6/ Structure
10	299+750	299+770	BHS	20.00	TCS 5
11	299+770	306+250	BHS	6480.00	TCS 1
12	306+250	306+380	BHS	130.00	TCS 2
13	306+380	308+275	BHS	1895.00	TCS 1
14	308+275	308+550	BHS	275.00	TCS 2
15	308+550	311+550	BHS	3000.00	TCS 1
16	311+550	311+750	BHS	200.00	TCS 2
17	311+750	314+350	BHS	2600.00	TCS 1
18	314+350	314+510	BHS	160.00	TCS 3
19	314+510	318+900	BHS	4390.00	TCS 1
20	318+900	318+980	BHS	80.00	TCS 2
21	318+980	322+450	BHS	3470.00	TCS 1
22	322+450	323+000	BHS	550.00	TCS 5
	Total			31000	

Connecting Road (Appendix B-III (A))

1	299+350	299+750	LHS	400.00	TCS-6
2	314+350	314+510	LHS	160.00	TCS 3
3	294+270	294+520	RHS	250.00	TCS 2
4	306+250	306+380	RHS	130.00	TCS 2
5	308+275	308+550	RHS	275.00	TCS 2
6	311+550	311+750	RHS	200.00	TCS 2
7	318+900	318+980	RHS	80.00	TCS 2

Cross Road at VOP Locations (Appendix B-I (C))

1	000+000	000+075		75.00	TCS 8
2	000+075	000+825		750.00	TCS 9
3	000+825	000+930		105.00	TCS 8

3.0 B) STRUCTURE WORKS: -

Sr. No.	Type of Structure	Total No. of Structures	No. of Structures Tackled	No. of Structures Completed	No. of Structures in Balance	
					In Progress	Balance
1	ROB	1	1	0	1	0
2	Major Bridge	3	3	0	3	0
3	Minor Bridges	11	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	6.5	0.5	0
7	Cattle Underpass	30	30	26	4	0
8	Vehicular Overpass	1	1	0	1	0
9	Box Culverts	27	21	8.5	12.5	6
10	Pipe Culverts	35	33	31	2	2

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			196	15	34		2097	
MJB	302+732	37.847+38.045+37.847	8	8	8	8	8	8	8	3			42	16	6		455	
MJB	318+875	2x32.2+1x15.85	4	4	8	8	8	8	8	3	14	14	28	21	6		321	
MJB	321+280	2x37.658	6	6	6	6	6	6	6	5			28	28	4		301	0
FLYOVER	299+375	16.859+33.201+16.859	8	8	8	8	16	8	8	1	28	14	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	2	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		-		14	3	-		2		35	
MNB	297+580	1x37.341	4	4	4	4	4	2	4	2	-		14	2	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	14	2		146	
MNB	309+090	1x45.200	4	-	4	-	4		4		-		34		2		181	
MNB	309+873	1x23.688	-	-	4	4	4		4		14		-		2		95	
MNB	310+752	1x21.35	-	-	4	4	4		4		-				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	BHS Slab completed
5	LVUP	311+047	1x10.5	BHS	BHS Slab Completed
6	LVUP	316+563	1x10.5	BHS	BHS Slab Completed
7	LVUP	321+700	1x10.5	BHS	RHS Slab completed BHS Wall completed
1	PUP	292+400	1x7.0	BHS	RHS Slab Completed, BHS Wall Completed
2	PUP	295+151	1x7.0	BHS	BHS Slab Completed.
3	PUP	295+990	1x7.0	BHS	BHS Slab Completed.
4	PUP	297+220	1x7.0	BHS	BHS Slab Completed.
5	PUP	297+900	1x7.0	BHS	BHS Slab Completed
6	PUP	298+380	1x7.0	BHS	BHS Slab Completed
7	PUP	299+100	1x7.0	BHS	BHS Slab Completed
8	PUP	300+725	1x7.0	BHS	BHS Slab Completed
9	PUP	301+790	1x7.0	BHS	BHS Slab Completed
10	PUP	302+055	1x7.0	BHS	BHS Slab Completed
11	PUP	303+220	1x7.0	BHS	BHS Slab Completed
12	PUP	304+170	1x7.0	BHS	BHS Slab Completed
13	PUP	305+058	1x7.0	BHS	BHS Slab Completed
14	PUP	305+850	1x7.0	BHS	BHS Slab Completed
15	PUP	306+060	1x7.0	BHS	BHS Slab Completed
16	PUP	306+820	1x7.0	BHS	BHS Slab Completed
17	PUP	309+550	1x7.0	BHS	BHS Slab Completed.

Sr.No.	Type of Structure	Chainage	Span	Side	Status
18	PUP	310+480	1x7.0	BHS	BHS Slab Completed
19	PUP	311+650	1x7.0	BHS	BHS Slab Completed.
20	PUP	312+280	1x7.0	BHS	BHS PCC Done
21	PUP	313+095	1x7.0	BHS	BHS Slab Completed.
22	PUP	314+850	1x7.0	BHS	BHS Slab Completed.
23	PUP	315+870	1x7.0	BHS	BHS Slab Completed
24	PUP	316+960	1x7.0	BHS	RHS Slab Completed. 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 Wall 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	RHS Slab Completed, BHS Wall completed.

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	BHS Slab Completed
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	
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+482 (VOP Approach)	1	2.00	2.0	BHS Excavation Done.
BC	0+716 (VOP Approach)	1	2.00	2.0	BHS Excavation Done.

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)	A- Widening and strengthening of Existing road						
	1) Earthwork up to top of the subgrade						
	2) Granular work (Sub-base, shoulder) GSB						
	3) Shoulders						
	4) Bituminous work						
	5) Rigid Pavement						
	a) DLC						
	b) PQC						
	6) Widening and repair of culverts						
	7) Widening and repair of minor bridges						
	B- New realignment/bypass						
	(1) Earthwork up to top of the sub-grade	KM	29.371	19.42%	9.12	13.32%	
	(2) Granular work (sub-base, base, shoulders)						
	(a) GSB	KM	29.371	3.46%	6.20	0.73%	
	(3) Shoulders	KM	29.371	0.97%			
	(4) Bituminous work						
	(5) Rigid Pavement						
	(a) DLC	KM	29.371	4.640%	5.75	0.91%	
	(b) PQC	KM	29.371	22.972%	0.87	0.68%	
	C- New culverts, minor bridges, underpasses, overpasses on existing road, realignments, bypasses:						
	(1) Culverts (Pipe & Box)	No.	62	2.32%	39.5	1.21%	
	(2) Minor bridges						
	(a) Foundation	No.	42	2.38%	28	1.78%	
	(b) Sub-Structure	No.	44	1.16%	10	0.36%	

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
	(c) Super- Structure (including crash barrier etc. complete)	No.	22	1.94%	2	0.27%	
	(3) Cattle/Pedestrian underpasses						
	(a) Foundation	No.	30	2.98%	29	2.89%	
	(b) Sub-Structure	No.	60	1.30%	56	1.21%	
	(c) Super- Structure (including crash barrier etc. complete)	No.	30	1.38%	26	1.19%	
	(4) Pedestrian overpasses			Not in Scope			
	(a) Foundation	No.	0	-			
	(b) Sub-Structure	No.	0	-			
	(c) Super- Structure (including crash barrier etc. complete)	No.	0	-			
	(5) Grade separated structures						
	(a) Underpasses (VUP & LVUP)						
	(a) Foundation	No.	10	0.77%	10	0.77%	
	(b) Sub-Structure	No.	20	0.46%	19	0.44%	
	(c) Super- Structure (including crash barrier etc. complete)	No.	10	0.52%	8.5	0.44%	
	(b) Overpass (VOP)						
	(a) Foundation	No.	3	0.12%	2	0.10%	
	(b) Sub-Structure	No.	3	0.02%		0.004%	
	(c) Super- Structure (including crash barrier etc. complete)	No.	2	0.12%			
	(c) Flyover						
	(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%		0.04%	
	(d) Foot Over Bridge			Not in Scope			
Major Bridge works and ROB/RUB	A - Widening and repairs of Major Bridges			Not in Scope			
	(a) Foundation						
	(a) Open Foundation	No.	0	-			
	(b) Pile Foundation/Well	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
	Foundation						
	(b) Sub-Structure	No.	0	-			
	(c) Super- Structure (including crash barrier etc. complete)	No.	0	-			
	B - Widening and repairs of						
	a) ROB			Not in Scope			
	(a) Foundation						
	(a) Open Foundation	No.	0	-			
	(b) Pile Foundation/Well Foundation	No.	0	-			
	(b) Sub-Structure	No.	0	-			
	(c) Super- Structure (including crash barrier etc. complete)	No.	0	-			
	b) RUB			Not in Scope			
	(a) Foundation	No.	0	-			
	(b) Sub-Structure	No.	0	-			
	(c) Super- Structure (including crash barrier etc. complete)	No.	0	-			
	C- New Major Bridges						
	(a) Foundation	No.					
	(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%		0.47%	
	D- New rail-road bridges						
	(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%		0.04%	
	(b) RUB			Not in Scope			
	(a) Foundation	No.	0	-			
	(b) Sub-Structure	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
	(c) Super- Structure (including crash barrier etc. complete)	No.	0	-			
Structures (elevated sections, reinforced earth, Interchange)	Interchange			Not in Scope			
	(a) Foundation	No.	0	-			
	(b) Sub-Structure	No.	0	-			
	(c) Super- Structure (including crash barrier etc. complete)	No.	0	-			
	(d) Reinforced earth Wall (includes Approaches of ROB, Underpasses, Overpasses, Flyover etc)	Sqm	26446	0.84%			
Other works	(i) Service roads/ Slip Roads / Connecting Road	KM	2.425	0.66%			
	(ii) Toll Plaza	No.	2	0.63%			
	(iii) Road side drains	KM	29.371	1.38%			
	(iv) Road signs, markings, km stones, safety devices,						
Other works	(a) Road signs, markings, km stones, Road Delineators, Reflective Pavement Markers & Solar Studs, Traffic Impact Attenuators, Road Boundary Stone, Kilometer and Hectometer Stones.	KM	31.000	0.81%			
	(b) Concrete Crash Barrier / W- Beam Crash Barrier / Thrie Beam Steel Barriers in road works	KM	29.371	1.16%			
	(v) Project facilities						
	(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%			

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
	(h) Rain Water Harvesting Structure	No.	62	0.074%			
	(i) Fencing	KM	29.371	1.094%			
	(j) Utilities (future ducts)	No.	62	0.234%	56	0.21%	
Other works	(vi) Repairs to bridges/structures			Not in Scope			
	(vii) Land Scaping and Tree plantation	KM	29.371	0.176%			
	(viii) Protection works						
	(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%	
	(ix) Tunnel			Not in Scope			
	(a) Excavation	Meter	0	-			
	(b) Construction of support system including Rock bolting, lining etc.	Meter	0	-			
	(c) On Complete completion of Tunnel	Meter	0	-			
	(x) Miscellaneous						
	(a) Overhead Signs	KM	31.000	0.001%			
	(b) Traffic Aid Booth	No.	1	0.017%			
	(c) Medical Aid Booth	No.	1	0.017%			
	(d) Emergengy Cross Over	No.	6	0.018%			
(d) Helipad	No.	1	0.017%				
(e) Wearing Course	KM	31.00	0.173%				
	Total			100.00%		41.83%	

3.1.1 : Details breakup of physical progress

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.08.2020)	
					Quantity	Percentage Progress
1	2	3	7	9		
1	Earth Work up to Top of Subgrade					
1.1	Clearing and grubbing of -MCW	Hec	29.37	0.044%	28.85	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%	14.88	1.31%
1.8	Construction of embankment - MCW Embankment Top	Cu.m.	29.37	1.728%	11.453	0.67%
1.9	Construction of Sub grade - MCW	Cu.m.	29.37	2.086%	9.12	0.65%
2	Grannular Sub Base Courses and Base Courses					
2.1	Constructing Grannular Sub-base	Cu.m.	29.37	3.46%	6.198	0.73%
3	Shoulders					

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.08.2020)	
					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%		
4	Rigid Pavement					
4.01	Providing xxx mm thick DLC (M15) for CW	Cum	29.37	4.640%	5.758	0.91%
4.02	Providing xxx mm thick PQC for CW	Cum	29.37	22.972%	0.875	0.68%
5	Pipe Culverts					
5.01	Culvert Excavation	Cum	35.00	0.006%	32	0.01%
5.02	Culvert PCC M15 grade	Cum	35.00	0.114%	32	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%	31	0.21%
5a	Box Culverts					
5.01a	Culvert Excavation	Cum	27.00	0.022%	20	0.02%
5.02a	Culvert PCC M15 grade	Cum	27.00	0.209%	17.5	0.14%
5.03a	Foundation RCC M 30 - Culvert	Cum	27.00	0.405%	13.5	0.20%
5.04a	HYSD 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%	10	0.11%
5.06a	HYSD bar in Substructure-Culvert	MT	27.00	0.267%	10	0.10%
5.07a	Super Structure RCC M 30 - Culvert	Cum	27.00	0.153%	8.5	0.05%

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.08.2020)	
					Quantity	Percentage Progress
5.08a	HYSD bar in Super Structure-Culvert	MT	27.00	0.127%	8.5	0.04%
5.09a	Finishing Work (10% cost of overall work)	Nos.	27.00	0.000%		
6A	Bill No: 6A Minor Bridges					
6A,01	Structure excavation Ordinary and soft Soils - MNBR	Cum	42.00	0.056%	29	0.04%
6A,02	MNBR - PCC M15 grade	Cum	42.00	0.124%	29	0.09%
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%	28.5	0.87%
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%	14	0.14%
6A,08	HYSD bar reinforcement - substructure Abutment	Mt	44.00	0.445%	14	0.14%
6A,09	MNBR - RCC M35 - Abutment Cap	Cum	44.00	0.128%	12	0.03%
6A,10	HYSD bar reinforcement - Abutment cap	Mt	44.00	0.144%	12	0.04%
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%	1.6	0.05%
6A,13	HYSD bar reinforcement - Super structure Girder	Mt	18.00	0.586%	2.6	0.08%
6A,14	HT Steel for PSC Girder	Mt	8.00	0.323%	1.6	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 (31.08.2020)	
					Quantity	Percentage Progress
6A,16	HYSD bar reinforcement - SLAB	Mt	22.00	0.398%	2	0.04%
6B	Bill No. 6B : PUP					
6B,01	Structure excavation Ordinary and soft Soils - PUP	Cum	30.00	0.025%	30	0.03%
6B,02	PUP - PCC M15 grade Levelling course	Cum	30.00	0.184%	30	0.18%
6B,03	PUP - RCC M35 Raft	Cum	30.00	1.216%	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%	56	0.63%
6B,06	HYSD bar reinforcement - Wall	Mt	60.00	0.623%	56	0.58%
6B,07	PUP - RCC M35 - TOP Slab	Cum	30.00	0.674%	26	0.58%
6B,08	HYSD bar reinforcement - TOP Slab	Mt	30.00	0.706%	26	0.61%
6B,09	Finishing Work (10% cost of overall work)	Nos	30.00	0.000%		
6C	Bill No. 6C : VUP					
6C,01	Structure excavation Ordinary and soft Soils - VUP	Cum	3.00	0.003%	3	0.00%
6C,02	VUP - PCC M15 grade - Levelling course	Cum	3.00	0.013%	3	0.01%
6C,03	VUP - RCC M35 - Raft	Cum	3.00	0.096%	3	0.10%
6C,04	HYSD bar reinforcement - Raft	Mt	3.00	0.123%	3	0.12%
6C,05	VUP - RCC M35 - WALL	Cum	6.00	0.086%	5	0.07%
6C,06	HYSD bar reinforcement - WALL	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 (31.08.2020)	
					Quantity	Percentage Progress
6C,08	HYSD bar reinforcement - TOP Slab	Mt	3.00	0.082%	2	0.05%
6D	Bill No. 6D : LVUP					
6D,01	Structure excavation Ordinary and soft Soils - LVUP	Cum	7.00	0.005%	7	0.01%
6D,02	LVUP - PCC M15 grade levelling course	Cum	7.00	0.033%	7	0.03%
6D,03	LVUP - RCC M35 Raft	Cum	7.00	0.220%	7	0.22%
6D,04	HYSD bar reinforcement - Raft	Mt	7.00	0.282%	7	0.28%
6D,05	LVUP - RCC M35 - Wall	Cum	14.00	0.155%	14	0.16%
6D,06	HYSD bar reinforcement - WALL	Mt	14.00	0.143%	14	0.14%
6D,07	LVUP - RCC M35 - Top Slab	Cum	7.00	0.187%	6.5	0.17%
6D,08	HYSD bar reinforcement - TOP Slab	Mt	7.00	0.159%	6.5	0.15%
6E	Bill No. 6E : VOP					
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%	2.5	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 (31.08.2020)	
					Quantity	Percentage Progress
6E,09	RCC M35 - ABUTMENT CAP	Cum	2.00	0.002%	0	0.00%
6E,10	HYSD bar reinforcement - ABUTMENT CAP	Mt	2.00	0.004%	0	0.00%
6E,11	RCC M35 - PIER	Cum	1.00	0.001%	1	0.001%
6E,12	HYSD bar reinforcement - PIER	Mt	1.00	0.001%	1	0.001%
6E,13	RCC M35 - PIER CAP	Cum	1.00	0.001%	0	0.00%
6E,14	HYSD bar reinforcement -PIER CAP	Mt	1.00	0.002%	0	0.00%
6E,15	HYSD bar reinforcement - Super structure Girder	Mt	2.00	0.050%	0	0.00%
6E,16	HT Steel for PSC - Girder	Mt	2.00	0.033%	0	0.00%
6E,17	PSC M45 - Box Girder/PSC Girder	Cum	2.00	0.025%	0	0.00%
6E,18	M-35 for SLAB super structure	Cum	2.00	0.015%	0	0.00%
6F	Bill No: 6F Flyover					
6F,01	Structure excavation Ordinary and soft Soils - Flyover	Cum	8.00	0.003%	8	0.00%
6F,02	Flyover - PCC M15 grade - levelling course under fdn.	Cum	8.00	0.005%	8	0.01%
6F,03	HYSD bar reinforcement - Foundation	Mt	8.00	0.575%	8	0.58%
6F,04	RCC M35 Pile Cap	Cum	8.00	0.114%	8	0.11%
6F,05	RCC M35 1.2m dia piles	Rm	8.00	0.414%	8	0.41%
6F,06	RCC M35 - ABUTMENT	Cum	4.00	0.047%	4	0.05%
6F,07	HYSD bar reinforcement - ABUTMENT	Mt	4.00	0.058%	4	0.06%
6F,08	RCC M35 - ABUTMENT CAP	Cum	4.00	0.031%	0	0.00%

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.08.2020)	
					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%	1.4	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%	1.4	0.03%
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%
6G	Bill No: 6G Major Bridges					
6G,01	Structure excavation Ordinary and soft Soils - MJB	Cum	22.00	0.014%	22	0.01%
6G,02	Major Bridge PCC M15 grade - Levelling course	Cum	22.00	0.026%	22	0.03%
6G,03	HYSD bar reinforcement - Foundation	Mt	22.00	2.746%	22	2.75%
6G,04	RCC M35 Pile Cap	Cum	22.00	0.708%	22	0.71%
6G,05	RCC M35 1.2m dia piles	Rm	22.00	1.661%	22	1.66%
6G,06	RCC M35 - Abutment substructure	Cum	12.00	0.100%	12	0.10%
6G,07	HYSD bar reinforcement - Abutment Substructure	Mt	12.00	0.099%	12	0.10%

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.08.2020)	
					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%	8.075	0.13%
6G,15	HYSD bar reinforcement -Girder	Mt	16.00	0.343%	8.075	0.17%
6G,16	HT Steel for PSC -Girder	Mt	16.00	0.340%	8.075	0.17%
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%
6H	Bill No. 6H : ROB					
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 (31.08.2020)	
					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%	1.61	0.01%
6G,15	HYSD bar reinforcement -Girder	Mt	30.00	0.314%	1.61	0.02%
6G,16	HT Steel for PSC -Girder	Mt	30.00	0.332%	1.61	0.02%
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 Steel Girder for Superstructure as per Technical Specification	Mt	4.00	0.889%	0	0.00%
7	Reinforced Earth Wall					
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%		

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.08.2020)	
					Quantity	Percentage Progress
8	Service roads/ Slip Roads					
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%		
9	Bill No.9: Toll Plaza					
9.01	Clearing and grubbing - Toll Plaza	Hec	2.00	0.000%		
9.02	Construction of embankment - Toll Plaza	Cum	2.00	0.087%		
9.03	Construction of Subgrade - Toll Plaza	cum	2.00	0.019%		
9.04	Constructing Grannular Sub-base - Toll Plaza	Cu.m.	2.00	0.031%		
9.05	Providing xxx mm thick DLC (M15) for Toll plaza	cum	2.00	0.052%		
9.06	Providing xxx mm thick PQC for Toll plaza	cum	2.00	0.288%		
9.07	Providing and fixing of Tool booth	Nos.	2.00	0.009%		
9.08	Roof over Toll plaza	Sq.m	2.00	0.050%		
9.09	Operation & Office building at toll plaza	Sq.m	1.00	0.022%		



Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.08.2020)	
					Quantity	Percentage Progress
9.11	Toll plaza sign boards	LS	2.00	0.032%		
9.12	Toll Plaza Facilities	LS	2.00	0.043%		
10	DRAINAGE					
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%		
11	Bill No. 11: Traffic signs, Road markings and other road appurtunences					
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)	W-Beam Crash Barrier in Road work					
11.06b	Providing and erecting " W " metal beam crash barrier	L.M.	29.37	1.160%		
12	Wayside Amenities/Rest Area					
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%		



Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.08.2020)	
					Quantity	Percentage Progress
12.04	Providing & Placing Noise Barrier	Km.	9.30	0.40%		
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%		
13	Road Side Plantation					
	Land Scaping and Tree plantation	LS	29.37	0.176%		
14	PROTECTION WORKS					
I	Boulder pitchin on slopes					
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	Toe/Retaining wall					
A	Excavation of Retaining Wall + Toe Wall	Cu.m.	1.89	0.031%	1.168	0.02%


Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.08.2020)	
					Quantity	Percentage Progress
B	M-15 PCC Retaining Wall + Toe Wall	Cu.m.	1.89	0.089%	1.168	0.05%
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%
15	MISCELLANEOUS WORKS					
15.01	Overhead Signs	Km.	31.00	0.001%		
15.02	Traffic Aid Booth	No.	1.00	0.017%		
15.03	Medical Aid Booth	No.	1.00	0.017%		
15.04	Wearing courses	Km.	31.00	0.173%		
15.05	ROW Survey, centerline fixing along with fixing of ROW pillar and obtaining pusion of ROW.....	Km.	31.00	0.000%		
15.06	Emergency Cross Over	Nos.	6.00	0.018%		
15.07	Helipad	Nos.	1.00	0.017%		
	Total Amount					41.83 %

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	
Length % of Project			31.000				0.335			
			100.00%				1.08%			

B)Area Wise:

Package - 3 (Sampa to Manubar)(Km 323.000 to Km 292.00)							
Sl. No.	Village Name	Taluka & District	Area in Hec.	Award (Rs. In Cr.)	Disbus Area in Hec.	Disburs (Rs. In Cr.)	Disbus Area in %
1	Matar Talpad	Tal.-Amod Dist.-Bharuch	19.8612	10.02	17.5881	8.94	89%
2	Vanta Matar		1.6709	1.64	0.6865	1.63	41%
3	Sunthodara		14.4691	1.77	11.8723	1.62	82%
4	Telod		3.4501	1.24	3.0758	1.24	89%
5	Danda		29.1681	19.81	28.6605	19.46	98%
6	Dora		38.5582	22.58	36.5203	22.17	95%
7	Simlatha		21.5547	42.05	19.6934	38.39	91%
8	Vantarsa		0.2261	0.04	0.2261	0.04	100%
9	Kurchan		18.1568	3.21	17.3950	3.07	96%
10	Padariya	Tal. & Dist.-Bharuch	5.7697	2.78	5.7697	2.78	100%
11	Karela		42.2357	20.7	41.5702	20.53	98%
12	Pipaliya		12.4403	3.78	12.2705	3.71	99%
13	Kelod		25.5545	24.16	23.9498	24.16	94%
14	Taralsa		16.5034	11.56	16.5034	11.56	100%
15	Dayadara		21.1308	8.48	19.0856	7.64	90%
16	Derol		35.4004	35.89	32.6372	35.12	92%
17	Tham		8.1923	4.14	8.1923	4.14	100%
18	Kanthariya		8.6506	11.01	7.5455	10.49	87%
TOTAL AWARD PKG #3			322.9929	224.86	301.25	216.69	94%

4.2 Clearances Summary: -

4.2 A) STATUS OF PERMISSION AND APPROVALS

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

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

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

Sr No	Approvals as in Schedule -E	
	Batching Plant	
F	Clearance from Pollution control board for Setting up Batching Plant	Obtained. Valid till 17.09.2025.
G	Permission of Village Panchayat and Pollution control board for Asphalt Plant	N.A.
H	Permission of Village Panchayat and State Government for Borrow earth.	Some Village Panchayats Obtained. Others in progress
I	Permission of State Government for Cutting trees	Obtained Forest trees cutting permission received vid letter no. NHAI/PIU Surat (Expressway)/FR-02/2019/1717 on dated 25.03.2019
J	Consent to establish issued by the Sate Pollution Control Board for the Project;	Obtained

4.3 Status of utility shifting: -

Utility Category	Name/ Department	Status	Length affected as on appointed Date	Date & letter of request by Authority for estimate	Date & letter when Estimate was Received from concerned dept.	Date & letter when Estimate was Verified By IE.	Date & letter of Approval by Authority RO/ HQ	Date & letter of Deposit of supervision charge	Progress of Physical Shifting	Date of Certification from Agency for Completion	Estimate Amount	Issue/ Comments
Water	GWSSB	All Estimates submitted	80 M	-	-		-	-	-	-	-	Issue resolved through change in design
	SSNNL	<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	-	-	-	At 4 Location (120 m) estimates are under Review. Other locations work in progress.
	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. Two Drawings are approved, Request has been raised or material inspection..

Gas Pipe Lines	GAIL	<i>In the meeting held on 27th January 2020 with PD NHA I & GM GAIL, accordingly revised GAD has been submitted by NHA I to GAIL on 03.02.2020 vide their letter no. 184</i>	300 M					Site Visit Charges Paid by NHA I without GST			During meeting It is decided that at location of proposed minor bridges 296+432 & 304+432 Gas pipe line protection will be done by HDD method. 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)
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4.3 A) Utility shifting/ Tree Cutting Progress Status-Length Wise

Utility Category	Name/ Department	Length affected (M)	Length Cleared (M)	Balance Affected Length (M)
Water	GWSSB	80	80	0
	SSNNL	340	340	0
Electricity	DGVCL	2303	2183	120
	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 July-2020	Balance to Completed	Remarks
1	Electric Pole						
	Bharuch Section						
	Bharuch division						
	i) Bharuch Subdivision	41	7	3	10	31	
	ii) Palej Subdivision	5				5	
	iii) Amod Subdivision	5				5	
	Total	51	7	3	10	41	
2	Structures (Nos.)						
	Bharuch Section	7	7	-	7	0	
	Total	7	7	-	7	0	
3	Religious Str. (Nos.)						
	Bharuch Section	0	0	0	0	0	
	Total	0	0	0	0	0	
4	H.T. Line crossing						
	Bharuch Section	6			0	6	
	Total	6			0	6	
5.	Water Utilities						
	Bharuch Section						
	i) Bharuch Subdivision						
	ii) Jambusar Sub-division						
	Total	64	7	3	17	47	

Tree Cutting Progress Status-Nos

Sr. No.	District	Category		Total Nos.	Status of Cutting Permission	No. of Cutting Permission	No of Trees cut	Balance No of Trees	Remark
		Govt. Trees	All						
1	Bharuch	Govt. Trees	All	164	Tree Cutting Permission is received vide letter No. 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 August-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	1
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	1

7.0 Financial Progress Details

7.1 Pen Picture - Escrow

Total Bid Project Cost (Cr.)	Total Project Cost (Cr.)	Cumulative inflow to Escrow till previous month (Cr)	Cumulative outflow from Escrow till previous month (Cr)	Inflow to Escrow During the July-20 (Cr)	Outflow from Escrow during the July-20 (Cr)
1712	1027.2	643.21	640.19	14.21	13.01

7.2 Escrow detail

Total Bid Project Cost (Cr.)	Total Project Cost (Cr.)	Escrow Plan till date-Debt (HAM)(Cr)	Escrow Plan till date-Equity (HAM)(Cr)	Escrow Plan till date- VGF (HAM)(Cr)	Escrow Actual till date-Debt (HAM)(Cr)	Escrow Actual till date- Equity (HAM)(Cr)	Escrow Actual till date- YGF (HAM)(Cr)
1712	1027.2	705.78	182.33	547.84	100.00	171.72	313.22

8.0 QA/QC Report.

8.1 Test conducted on site.



8.2 Weather report

Sl. No.	Date	Temperature °C		Humidity %		Rainfall (mm)	Cum. Rainfall (mm)	Weather Condition
		Min. Temp.	Max. Temp.	Min.	Max.			
1	01-Aug-20	29.0	37.0	69.0	84.0	0.0	0.0	Sunny/Cloudy
2	02-Aug-20	29.5	35.8	58.0	79.0	0.0	0.0	Sunny/Cloudy
3	03-Aug-20	29.0	36.0	58.0	89.0	0.0	0.0	Sunny/Cloudy
4	04-Aug-20	28.0	37.0	57.0	90.0	5.0	5.0	Rainy/Cloudy
5	05-Aug-20	29.0	38.5	59.0	94.0	20.0	25.0	Rainy/Cloudy
6	06-Aug-20	27.0	36.0	58.0	89.0	15.0	40.0	Rainy/Cloudy
7	07-Aug-20	28.0	37.0	56.0	91.0	22.0	62.0	Rainy/Cloudy
8	08-Aug-20	29.0	35.0	57.0	93.0	10.0	72.0	Rainy/Cloudy
9	09-Aug-20	27.0	36.0	59.0	94.0	0.0	72.0	Sunny/Cloudy
10	10-Aug-20	26.0	38.0	56.0	92.0	0.0	72.0	Sunny/Cloudy
11	11-Aug-20	28.0	36.0	58.0	80.0	32.0	104.0	Rainy/Cloudy
12	12-Aug-20	27.0	35.0	54.0	99.0	108.0	212.0	Rainy/Cloudy
13	13-Aug-20	27.0	36.4	58.0	99.0	118.0	330.0	Rainy/Cloudy
14	14-Aug-20	27.0	36.4	58.0	94.0	82.0	412.0	Rainy/Cloudy
15	15-Aug-20	26.0	35.0	57.0	99.0	44.0	456.0	Rainy/Cloudy
16	16-Aug-20	28.0	36.0	59.0	98.0	42.0	498.0	Rainy/Cloudy
17	17-Aug-20	27.0	34.0	58.0	99.0	26.0	524.0	Rainy/Cloudy
18	18-Aug-20	26.0	36.0	56.0	97.0	102.0	626.0	Rainy/Cloudy
19	19-Aug-20	27.0	33.0	57.0	99.0	52.0	678.0	Rainy/Cloudy
20	20-Aug-20	26.0	34.0	58.0	98.0	25.0	703.0	Rainy/Cloudy
21	21-Aug-20	28.0	34.0	55.0	96.0	12.0	715.0	Rainy/Cloudy
22	22-Aug-20	26.0	33.0	57.0	97.0	19.0	734.0	Rainy/Cloudy

Sl. No.	Date	Temperature °C		Humidity %		Rainfall (mm)	Cum. Rainfall (mm)	Weather Condition
		Min. Temp.	Max. Temp.	Min.	Max.			
23	23-Aug-20	27.0	32.0	59.0	99.0	14.0	748.0	Rainy/Cloudy
24	24-Aug-20	26.0	31.0	55.0	95.0	15.0	763.0	Rainy/Cloudy
25	25-Aug-20	27.0	33.0	75.0	99.0	12.0	775.0	Rainy/Cloudy
26	26-Aug-20	27.0	32.0	77.0	98.0	5.0	780.0	Rainy/Cloudy
27	27-Aug-20	26.0	33.0	70.0	99.0	5.0	785.0	Rainy/Cloudy
28	28-Aug-20	27.0	34.0	72.0	97.0	12.0	797.0	Rainy/Cloudy
29	29-Aug-20	26.0	33.0	70.0	98.0	31.0	828.0	Rainy/Cloudy
30	30-Aug-20	26.0	34.0	71.0	99.0	27.0	855.0	Rainy/Cloudy
31	31-Aug-20	28.0	35.0	90.0	98.0	0.0	855.0	Cloudy
	Average	27.2	34.9	60.7	94.5			

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: No Accident This Month

10.0 Review status of drawings/design reports

10.1 Structure drawing status

Sr. No	Type of Structure	Total scope [Nos.]	Nos. of structures Submitted to IE	Nos. of structures Approved by IE	Chainage	Submission to IE	Comments from IE	Remarks
1	Pipe Culvert	35	35	35	-	Submitted via direct mail from Designer to IE dated 15.05.2019 at 2:36 PM	Found in order as per MOM dt. 17.05.2019	Approved
2	Box Culvert	27	27	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, 5 Nos SSNNL consent pending, 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
					318+875	Submitted via letter no. 239 dated 04.10.2019	-	Approved vide letter no. 1084 dt. 02.12.2020
					321+280	Submitted via letter no. 179 dated 24.07.2019	-	Approved in MOM dt. 30.08.2019

Sr. No	Type of Structure	Total scope [Nos.]	Nos. of structures Submitted to IE	Nos. of structures Approved by IE	Chainage	Submission to IE	Comments from IE	Remarks
5	Minor Bridge	11	11	8	294+085	Submitted via letter no. 189 dated 19.12.2019	Comments received via letter No. 1554 dated 03.03.2020	Approved vide letter no. 1554 dt. 03.03.2020
					296+432 -G	Submitted via letter no. 184 dated 06.08.2019	-	In meeting with GAIL, they have given concurrence on GAD with SDD method. Therefore no needs to provide structure
					297+472	Submitted via letter no. 049 dated 03.03.2020 & 194 Dt. 24.12.2019	Letter No. 1364 dated 30.01.2020	Approved by IE via ltr. 1660 dt. 04.04.2020
					297+562	Submitted via letter no. 185 dated 06.08.2019	-Comments received on Hyd. Report via letter No. 905 dated 27.09.2019	Approved in MOM dt. 30.08.2019
					304+450 -G	Submitted via letter no. 145 dated 17.08.2019	-	In meeting with GAIL, they have given concurrence on GAD with SDD method. Therefore no needs to provide structure
					307+731	Submitted via letter no. 260 dated 21.10.2019 (GFC)	-	Approved by IE via ltr. 1006 dt. 08.11.2019

Sr. No	Type of Structure	Total scope [Nos.]	Nos. of structures Submitted to IE	Nos. of structures Approved by IE	Chainage	Submission to IE	Comments from IE	Remarks
					309+100 -G	Submitted via letter no. 254 dated 17.10.2019	Comments received via letter No. 1003 dated 08.11.2019	Approved by IE ltr. 1813 dt. 05.06.2020, Bearing compliance submitted vide letter no. 115 dt. 12.06.2020
					309+840	Submitted via letter no. 011 Dated 08.01.2020	Approved via mail dt. 25.11.2019	Approved vide IE letter No. 1705 dated 24.04.2020
					310+752 -G	Submitted via letter no. 199 dated 31.12.2019	Comments received via letter No. 1465 dated 15.02.2020	Approved vide IE letter No. 2097 dated 06.08.2020
					313+835	Submitted via letter no. 145 dated 17.08.2019	-	Approved in MOM dt. 30.08.2019
					314+314	Submitted via letter no. 334 dated 23.12.2019	Comments received via letter No. 1226 dated 24.12.2019	Under Review with IE
6	PUP	30	30	22	-	-29 Nos via letter No. 21 dated 22.10.2018 - 1 No via letter No. 37 dated 12.12.2018 -Further 18 Nos revised Submitted Via ltr no. 18 on	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	22 Nos approved

Sr. No	Type of Structure	Total scope [Nos.]	Nos. of structures Submitted to IE	Nos. of structures Approved by IE	Chainage	Submission to IE	Comments from IE	Remarks
						28.02.2019, also Directly submitted by Designer to Aarvee via mail dt. 23.05.2019 at 6:41 pm R3-PVKEPL/HO/VKP3/IE/093/2019 dt. 28.05.2019 - Further revised 12 Nos submitted via 049 on 17.04.2019 -Directly by Designer to Aarvee via mail dt. 30.05.2019	28.05.2019 on Geotech reports 3 Approved vide AA/VKE/PVKEPL/0114/19-20/DESIGN REVIEW/472 Dt. 03.06.2019 18 Approved vide AA/VKE/PVKEPL/0115/19-20/DESIGN REVIEW/473 Dt. 03.06.2019 approval received vide letter no 1147 dt. 13.12.2019 on drawing submitted vide ltr no. 208 Comment received on 306+820 vide IE letter no. 1695 dated 22.04.2020	
7	VUP	3	3	3	295+575	Submitted via letter no. 044 dated 26.02.2020	AA/VKE/PVKEPL/0116/19-20/DESIGN REVIEW/474 Dt. 03.06.2019	Approved by IE
					303+830	Submitted via letter no. 045 dated 26.02.2020	Approval received via letter No. 1261 dated 02.01.2020	Approved by IE
					312+720	Submitted via letter no. 045	Approval received via letter No.	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
						dated 26.02.2020	1261 dated 02.01.2020	
8	VOP	1	1	1	307+193	Submitted via letter no. 003 dated 01.01.2020 & PVKEPL/HO/VKP3/IE/374/20 dt. 02.02.2020	Comments received via letter No. 1555 dated 03.03.2020 Submitted via letter no. 142 dated 01.08.2020	Approved vide ltr no. 2194
9	LVUP	7	7	7		Submitted via letter no. 226 dated 24.09.2019	-	Approved by IE via ltr. 1146 dt. 30.01.2020
10	ROB (Non-Railway)	1	1	1	293+014	Submitted via letter no. 198 dated 31.12.2019	Comments received via letter No. 1368 dated 30.01.2020	Approved
11	Truck Parking Area	2	2	2		Submitted via letter no. 159 dated 28.08.2020	AA/VKE/PVKEPL/459/20-21/DESIGN REVIEW/2219 Dt. 03.09.2020	Approved vide IE letter No. 2219 dated 03.09.2020
12	Small Parking Area	3	3	3		Submitted via letter no. 154 dated 20.08.2020	AA/VKE/PVKEPL/453/20-21/DESIGN REVIEW/2182 Dt. 26.08.2020	Approved vide IE letter No. 2182 dated 26.08.2020
13	Highway Lighting					Submitted via letter no. 151 dated 17.08.2020	AA/VKE/PVKEPL/450/20-21/DESIGN REVIEW/2177 Dt. 25.08.2020	Approved vide IE letter No. 2177 dated 26.08.2020

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
14	Chian link Fencing					Submitted via letter no. 018 dated 21.01.2020	AA/VKE/PVKEPL/404/20-21/DESIGN REVIEW/1926 Dt. 30.06.2020	Approved vide IE letter No. 1926 dated 30.06.2020

10.2 Highway drawing status

Plan and Profile				
Sr No.	Description	Concessionaire Submission Letter No. and Date	IE's comment Letter No. and Date	Remark
1	MCW	# 267 on 02.11.2019	# 1144 Dt. 13.12.2019	
2	Connecting road	# 267 on 02.11.2019	# 1144 Dt. 13.12.2019	
3	VOP Approaches	# 35 on 08.04.2019	# 476 Dt. 04.06.2019	

Abstract of Pavement Design

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

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

PLANT STATUS

CRUSHER:- 300 TPH @ Rajpardi for Aggregates – Functional

Batching Plant:-

1. Batching Plant (60 CUM) @ Tralsa Camp (KM 299+350 R/S) - Functional
2. Batching Plant (112 CUM) @ Tralsa Camp (KM 299+350 R/S) - Functional
3. Batching Plant (60 CUM) @ Dayadra (KM 300+000 L/S) - Functional
4. Batching Plant -PQC (240 CUM) - Functional
5. DLC Plant(300 MT)) - Functional

Borrow Area:-

Status	Number of Borrow areas	Qty(Cum)
Approved	148	5173028
Submitted	38	1509282
Total	186	6682310

10.3 Review status of source approvals & Mix Design

Sr No	Description	Date of Approval	Approval Letter No.
1	Cement		
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
2	Reinforcement Steel		
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
3	Aggregates		
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
4	Chemical Admixture		
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
5	Fly Ash		
i	Suyog Element India Pvt. Ltd	04.10.2019	AA/VKE/PVKEPL/193/19-20/Q & M /926
a)	Micro Silica/ GGBS/Silica Fume		
i	Suyog Element India Pvt. Ltd	04.10.2019	AA/VKE/PVKEPL/193/19-20/Q & M /926
ii	Ishita enterprises (GGBS)	13.02.2020	AA/VKE/PVKEPL/314/19-20/Q&M/1448
iii	Guru Corporation	12.06.2020	AA/VKE/PVKEPL/394/20-21/Q&M/1850

Sr No	Description	Date of Approval	Approval Letter No.
6	Water		
i	Bore well at Camp Ch-299+300 RHS	28.03.2019	AA/VKE/PVKEPL/041/18-19/Q & M /223
7	Hume Pipe - NP4		
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
8	GEOTEXTILE		
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
9	PQC MISC ITEMS		
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
10	Cement Grouting Admixture		
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
11	Independent Laboratory		
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
12	Structural Items		
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

Sr No	Description	Date of Approval	Approval Letter No.
13	Curing Compound, Seleant		
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
14	Borrow Area		
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

Sr No	Description	Date of Approval	Approval Letter No.
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

Sr No	Description	Date of Approval	Approval Letter No.
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

Sr No	Description	Date of Approval	Approval Letter No.
111	35-B	12.02.20	AA/VKE/PVKEPL/308/19-20/Q&M/1440
112	47-A	12.02.20	AA/VKE/PVKEPL/308/19-20/Q&M/1440
113	55	19.02.20	AA/VKE/PVKEPL/326/19-20/Q&M/1493
114	56	19.02.20	AA/VKE/PVKEPL/326/19-20/Q&M/1493
115	57	19.02.20	AA/VKE/PVKEPL/326/19-20/Q&M/1493
116	37-B	19.02.20	AA/VKE/PVKEPL/326/19-20/Q&M/1493
117	47-B	19.02.20	AA/VKE/PVKEPL/326/19-20/Q&M/1493
118	5-C	22.02.20	AA/VKE/PVKEPL/330/19-20/Q&M/1510
119	53-A	22.02.20	AA/VKE/PVKEPL/330/19-20/Q&M/1510
120	54	19.02.20	AA/VKE/PVKEPL/323/19-20/Q&M/1490
121	49-B	19.02.20	AA/VKE/PVKEPL/323/19-20/Q&M/1490
122	49-C	20.03.20	AA/VKE/PVKEPL/347/19-20/Q&M/1636
123	53-B	20.03.20	AA/VKE/PVKEPL/348/19-20/Q&M/1637
124	57-A	20.03.20	AA/VKE/PVKEPL/348/19-20/Q&M/1637
125	53-C	20.03.20	AA/VKE/PVKEPL/345/19-20/Q&M/1634
126	26-C	20.03.20	AA/VKE/PVKEPL/346/19-20/Q&M/1635
127	52-A	20.03.20	AA/VKE/PVKEPL/346/19-20/Q&M/1635
128	56-A	20.03.20	AA/VKE/PVKEPL/346/19-20/Q&M/1635
129	20-C	09.06.20	AA/VKE/PVKEPL/391/20-21/Q&M/1834
130	65	09.06.20	AA/VKE/PVKEPL/391/20-21/Q&M/1834
131	58	27.07.20	AA/VKE/PVKEPL/428/20-21/Q&M/2048
132	50-A	27.07.20	AA/VKE/PVKEPL/428/20-21/Q&M/2048
133	52-B	27.07.20	AA/VKE/PVKEPL/428/20-21/Q&M/2048
134	59	27.07.20	AA/VKE/PVKEPL/428/20-21/Q&M/2049
135	63	07.07.20	AA/VKE/PVKEPL/415/20-21/Q&M/1970
136	64	07.07.20	AA/VKE/PVKEPL/415/20-21/Q&M/1970
137	42-D	07.07.20	AA/VKE/PVKEPL/415/20-21/Q&M/1970
138	55-A	07.07.20	AA/VKE/PVKEPL/415/20-21/Q&M/1970
139	49-D	07.07.20	AA/VKE/PVKEPL/415/20-21/Q&M/1969
140	50-B	07.07.20	AA/VKE/PVKEPL/415/20-21/Q&M/1969
141	60	07.07.20	AA/VKE/PVKEPL/413/20-21/Q&M/1968
142	59-A	02.07.20	AA/VKE/PVKEPL/405/20-21/Q&M/1934
143	64-A	02.07.20	AA/VKE/PVKEPL/405/20-21/Q&M/1934

Sr No	Description	Date of Approval	Approval Letter No.
144	42-E	02.07.20	AA/VKE/PVKEPL/405/20-21/Q&M/1934
145	50-C	02.07.20	AA/VKE/PVKEPL/406/20-21/Q&M/1935
15	GSB Mix Design	20.08.19	AA/VKE/PVKEPL/161/18-19/Q & M /751
16	WMM Mix Design	24.09.19	AA/VKE/PVKEPL/182/18-19/Q & M /880
17	PQC Mix Design		
1	PQC Mix Design with Wonder cement-43 grade, flyash & BASF Admixture	13.02.2020	AA/VKE/PVKEPL/318/19-20/Q&M/1457
2	PQC Mix Design with Sidhee cement-53 grade, flyash & BASF Admixture	19.02.2020	AA/VKE/PVKEPL/324/19-20/Q&M/1491
3	PQC Mix Design with Wonder cement-53 grade & BASF Admixture	20.03.20	AA/VKE/PVKEPL/349/19-20/Q&M/1638
4	PQC Mix Design with Saurasthra cement-43 grade, GGBS & BASF Admixture	20.03.20	AA/VKE/PVKEPL/352/19-20/Q&M/1641
18	DLC Mix Design		
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
19	Concrete Mix Design		
1	M30 RCC (Sidhee opc 53+ Kunal admixture)	20.08.19	AA/VKE/PVKEPL/163/18-19/Q & M /753
2	M30 RCC (Sidhee opc 53+ Kunal admixture)	20.08.19	AA/VKE/PVKEPL/163/18-19/Q & M /753
3	M35 RCC (Sidhee opc 53+ Kunal admixture)	20.08.19	AA/VKE/PVKEPL/163/18-19/Q & M /753
4	M35 PILE (Sidhee opc 53+ Kunal admixture)	20.08.19	AA/VKE/PVKEPL/163/18-19/Q & M /753
5	M40 RCC (Sidhee opc 53+ Kunal admixture)	20.08.19	AA/VKE/PVKEPL/163/18-19/Q & M /753
6	M25 PCC (Ultratech opc 53+ Kunal admixture)	20.08.19	AA/VKE/PVKEPL/163/18-19/Q & M /753
7	M30 RCC (Ultratech opc 53+ Kunal admixture)	20.08.19	AA/VKE/PVKEPL/163/18-19/Q & M /753
8	M35 RCC (Ultratech opc 53+ Kunal admixture)	20.08.19	AA/VKE/PVKEPL/163/18-19/Q & M /753
9	M35 PILE (Ultratech opc 53+ Kunal admixture)	24.09.19	AA/VKE/PVKEPL/178/18-19/Q & M /876
10	M40 RCC (Ultratech opc 53+ Kunal admixture)	24.09.19	AA/VKE/PVKEPL/178/18-19/Q & M /876
11	M30 RCC (Sidhee opc 53+ BASF admixture)	04.10.19	AA/VKE/PVKEPL/191/18-19/Q & M /924
12	M35 Pile (Sidhee opc 53+ BASF admixture)	04.10.19	AA/VKE/PVKEPL/191/18-19/Q & M /924
13	M30 RCC (Sidhee opc 53+ Yahska admixture)	08.11.19	AA/VKE/PVKEPL/204/18-19/Q & M /998
14	M35 Pile (Sidhee opc 53+ Yahska admixture)	08.11.19	AA/VKE/PVKEPL/204/18-19/Q & M /998
15	M35 RCC (Sidhee opc 53+ BASF admixture)	08.11.19	AA/VKE/PVKEPL/203/18-19/Q & M /997
16	M40 RCC (Sidhee opc 53+ BASF admixture)	08.11.19	AA/VKE/PVKEPL/203/18-19/Q & M /997

Sr No	Description	Date of Approval	Approval Letter No.
17	M50 PSC (Utratech 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
34	M50 PSC (Sourashtra OPC 53+Flyash+Fosroc admixture)	31.12.19	AA/VKE/PVKEPL/265/18-19/Q & M /1242
35	M50 PSC (Ambuja OPC 53 Grade+Silica fume+BASF admixture)	29.07.20	AA/VKE/PVKEPL/432/20-21/Q & M /2060
36	M50 PSC (Ultratech OPC 53 Grade+Silica fume+BASF admixture)	29.07.20	AA/VKE/PVKEPL/432/20-21/Q & M /2060
37	M50 PSC (Wonder OPC 53 Grade+Silica fume+BASF admixture)	29.07.20	AA/VKE/PVKEPL/432/20-21/Q & M /2060
38	M50 PSC (Sidhee OPC 53 Grade+Silica fume+BASF admixture)	29.07.20	AA/VKE/PVKEPL/432/20-21/Q & M /2060
39	M50 PSC (Saurashtra OPC 53 Grade+Silica fume+BASF admixture)	29.07.20	AA/VKE/PVKEPL/432/20-21/Q & M /2060

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
6	IE/NCR/PKG-III/006	14.07.20	Reinforcement steel binding for Girder A1-P1-G1 LHS Span at ROB (293+014) rusted steel bars are being used binding of steel almost completed for the girder.	Remedial Work Done	Yes		13.08.20	NCR Closed
7	IE/NCR/PKG-III/007	15.07.20	Reinforcement bars of partially cast components are exposed to atmosphere since long at getting rusted at LVUP (321+673), VOP (307+170), fly over (299+354) reinforcement bars are laying scattered and uncovered in mansoon resulting into its rust at LVUP (321+673), VOP (307+170), fly over (299+354) and similar all are location in the stretch.	Remedial Work Done	Yes		13.08.20	NCR Closed

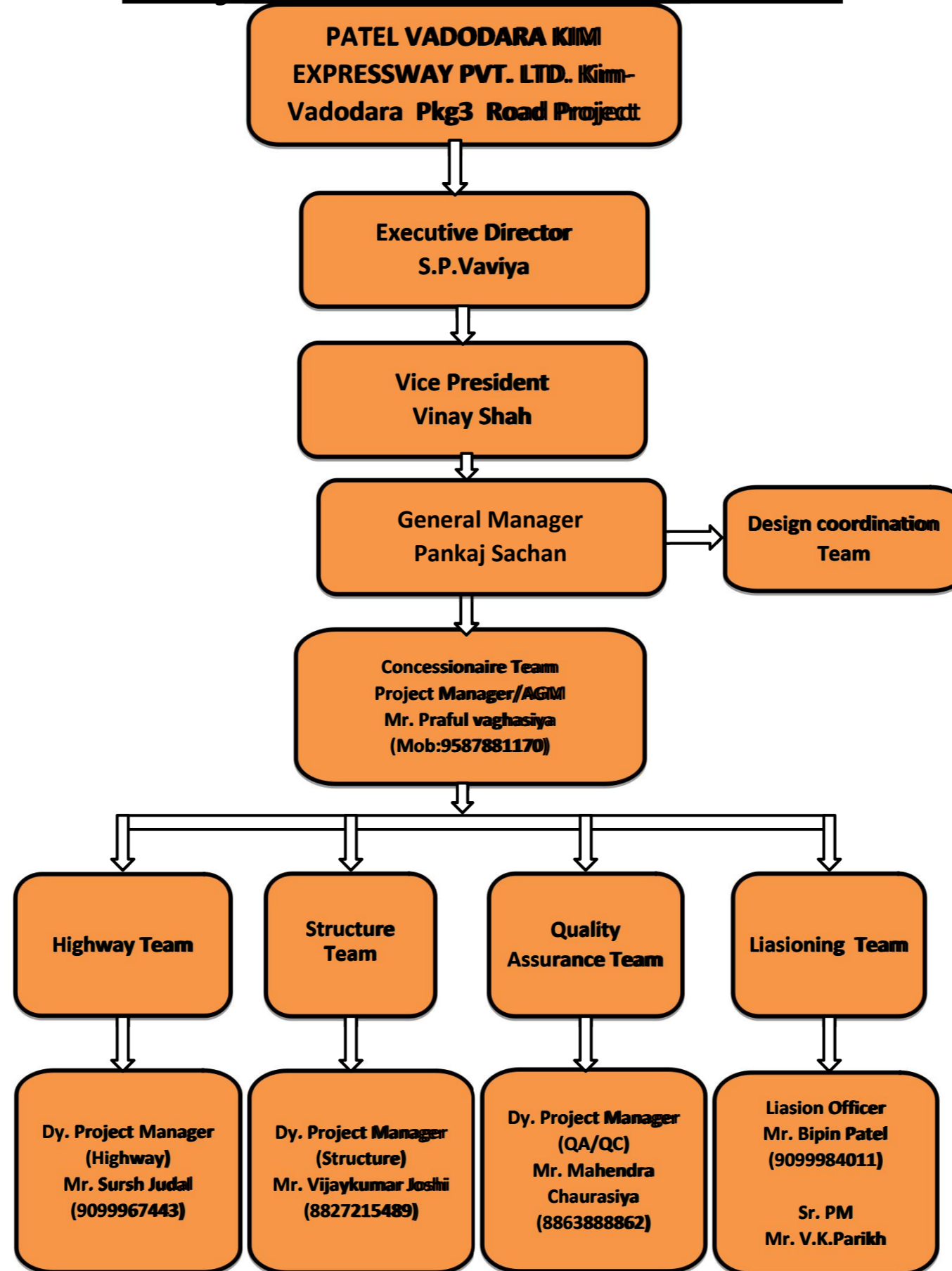
Sr. No.	NCPN NO	ISSUED DATE	DESCRIPTION OF NON-CONFORMANCE	DESCRIPTION OF REMEDIAL ACTION	REMEDIAL ACTION		CLOSED OUT DATE	REMARK
					YES	NO		
8	IE/NCR/PKG-III/008	10.08.20	The compressive strength test of RE Wall Block is to be carried out as Cl 3105.1.1 and section 1700 of MoRT&H Specification (5th Revision) in Presence of IE representative, prior to erection of RE Wall Block at site.	Work in Progress				
9	IE/NCR/PKG-III/009	13.08.20	Cleaning of Rust & coating of cement slurry to be done in exposed bars of retaining wall as per specification reference above.	Work in Progress				

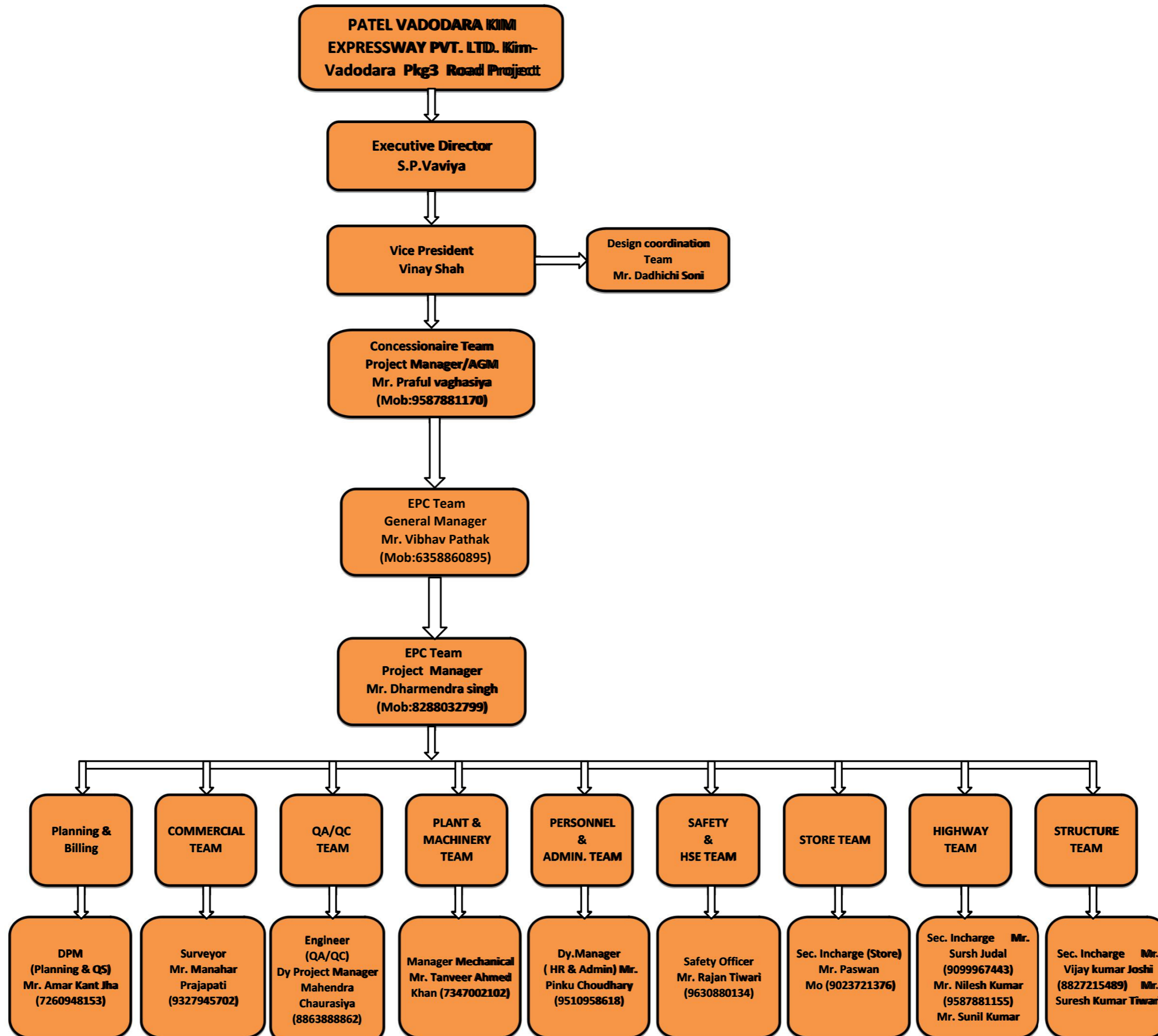
Annexure -1 Impact of Covid -19 On Labour Strength

Date	Labour Strength as on date	Number of Labour Mobilized/Left Site
1-Aug-20	249	-2
2-Aug-20	247	-16
3-Aug-20	231	-7
4-Aug-20	224	2
5-Aug-20	226	9
6-Aug-20	235	-24
7-Aug-20	211	58
8-Aug-20	269	-1
9-Aug-20	268	-6
10-Aug-20	262	10
11-Aug-20	272	0
12-Aug-20	272	-22
13-Aug-20	250	1
14-Aug-20	251	0
15-Aug-20	251	-36
16-Aug-20	215	-6
17-Aug-20	209	2
18-Aug-20	211	-1
19-Aug-20	210	18
20-Aug-20	228	21
21-Aug-20	249	-15
22-Aug-20	234	0
23-Aug-20	234	-1
24-Aug-20	233	-14
25-Aug-20	219	0
26-Aug-20	219	-2
27-Aug-20	217	6
28-Aug-20	223	-5
29-Aug-20	218	-2
30-Aug-20	216	-1
31-Aug-20	215	

Note - Negative number indicates number of Labour Left Site on particular Day after Lock Down is Partially lifted

Project Organization Chart





Annexure 03 RFI Summary

Highway RFI									
Sr. NO.	RFI NO.	Inspection date	Item Description	Chainage		Side	Contact Person	Contact Number	REMARKS
				From	To				
1	VKE-3/PIL/HW/9233	02-08-2020	Subgrade Top Layer F.D.D & level checking after rectification	314+660	314+780	R.H.S	Mr. Jena	7787080273	
2	VKE-3/PIL/HW/9234	02-08-2020	GSB Top. Layer F.D.D & Level Checking	314+500	314+640	L.H.S	Mr. Jena	7787080273	
3	VKE-3/PIL/HW/9235	02-08-2020	DLC Laying & F.D.D Checking	314+400	314+500	L.H.S	Mr. Jena	7787080273	
4	VKE-3/PIL/HW/9237	03-08-2020	Laying of Geo Textile after Subgrade Top	314+660	314+780	R.H.S	Mr. Jena	7787080273	
5	VKE-3/PIL/HW/9238	03-08-2020	GSB Top. Layer F.D.D & Level Checking	314+660	314+780	R.H.S	Mr. Jena	7787080273	
6	VKE-3/PIL/HW/9239	03-08-2020	Subgrade Top Layer F.D.D & level checking	314+500	314+660	R.H.S	Mr. Jena	7787080273	
7	VKE-3/PIL/HW/9240	03-08-2020	Subgrade Top Layer F.D.D & level checking	314+390	314+500	R.H.S	Mr. Jena	7787080273	
8	VKE-3/PIL/HW/9242	04-08-2020	Subgrade Top Layer F.D.D & level checking after rectification	314+500	314+660	R.H.S	Mr. Jena	7787080273	
9	VKE-3/PIL/HW/9243	04-08-2020	GSB Top. Layer F.D.D & Level Checking	314+640	314+760	L.H.S	Mr. Jena	7787080273	
10	VKE-3/PIL/HW/9244	04-08-2020	DLC Laying & F.D.D Checking	314+400	314+550	L.H.S	Mr. Jena	7787080273	
11	VKE-3/PIL/HW/9246	05-08-2020	GSB Top. Layer F.D.D & Level Checking	314+640	314+760	L.H.S	Mr. Tripathi	9587881174	
12	VKE-3/PIL/HW/9247	05-08-2020	Subgrade Top Layer F.D.D & level checking after rectification	314+350	314+500	R.H.S	Mr. Tripathi	9587881174	
13	VKE-3/PIL/HW/9249	06-08-2020	GSB Top. Layer F.D.D & Level Checking	314+640	314+760	L.H.S	Mr. Tripathi	9587881174	
14	VKE-3/PIL/HW/9250	06-08-2020	GSB Top. Layer F.D.D & Level Checking	314+680	314+780	R.H.S	Mr. Tripathi	9587881174	
15	VKE-3/PIL/HW/9251	06-08-2020	DLC Laying & F.D.D Checking	314+630	314+760	L.H.S	Mr. Tripathi	9587881174	
16	VKE-3/PIL/HW/9253	07-08-2020	GSB Top. Layer F.D.D & Level Checking	314+640	314+760	L.H.S	Mr. Tripathi	9587881174	
17	VKE-3/PIL/HW/9254	07-08-2020	GSB Top. Layer F.D.D & Level Checking	314+680	314+780	R.H.S	Mr. Tripathi	9587881174	
18	VKE-3/PIL/HW/9255	07-08-2020	DLC Laying & F.D.D Checking	314+630	314+760	L.H.S	Mr. Tripathi	9587881174	

Annexure 03 RFI Summary

Structure RFI								
RFI NO.	Inspection date	Item Description	Chainage From	Chainage To	Side	STR	Contact Person	Remarks
VKE-3/PIL/STR/9714	1-Aug-20	Checking of reinforcement and formwork of Abutment & Return wall 1st lift, A2 side	309+840		L.H.S	MNB		
VKE-3/PIL/STR/9715	1-Aug-20	Checking of pouring M-35 grade of concrete Abutment & Return wall 1st lift, A2 side	309+840		L.H.S	MNB		
VKE-3/PIL/STR/9716	1-Aug-20	Checking for Cable stressing for Girder G1 & G2, Span P1-P2 ,Stage (II)nd cable no. 1,2 & 5	318+870		L.H.S	MJB		
VKE-3/PIL/STR/9717	1-Aug-20	Checking for Cable stressing for Girder G6 & G7, Span P1-P2 ,Stage (II)nd cable no. 1,2 & 5	318+870		R.H.S	MJB		
VKE-3/PIL/STR/9718	1-Aug-20	Checking pouring M35 grade of concrete, Span A2 - P2 Girder- G7	299+354		L.H.S	FO		
VKE-3/PIL/STR/9720	3-Aug-20	Grouting of Duct of cable no. 1,2,5 span P1-P2 Girder G1,G2,G3,G4,G5,G6,G7	318+870		L.H.S	MJB		
VKE-3/PIL/STR/9721	3-Aug-20	Checking of reinforcement and formwork of A2 Abut Cap.	307+733		L.H.S	MNB		
VKE-3/PIL/STR/9722	3-Aug-20	Checking of cable profiling & reinforcement span A1 - P1 Girder- G6	293+014		L.H.S	ROB		
VKE-3/PIL/STR/9723	3-Aug-20	Checking of cable profiling & reinforcement span A1 - P1 Girder- G7	293+014		R.H.S	ROB		
VKE-3/PIL/STR/9725	4-Aug-20	Checking of cable profiling & reinforcement span A1-P1 Girder-G6	293+014		L.H.S	ROB		
VKE-3/PIL/STR/9726	4-Aug-20	Checking of cable profiling & reinforcement span A1-P1 Girder-G7	293+014		R.H.S	ROB		
VKE-3/PIL/STR/9727	4-Aug-20	Grouting of Duct of cable no. 1,2,5 span A1-P1 Girder-G1,G2,G3	318+870		R.H.S	MJB		
VKE-3/PIL/STR/9728	4-Aug-20	Grouting of Duct of cable no. 1,2,5 span P1-P2 Girder-G6,G7	318+870		R.H.S	MJB		
VKE-3/PIL/STR/9729	4-Aug-20	Checking for Cable stressing for Girder G4 & G5, Span P1-P2 ,Stage (II)nd cable no. 1,2,5	318+870		R.H.S	MJB		
VKE-3/PIL/STR/9730	4-Aug-20	Checking of Formwork & Pouring M50 grade of concrete for span A1-A2 Girder-G1	297+562		R.H.S	MNB		
VKE-3/PIL/STR/9731	4-Aug-20	Checking of reinforcement and formwork of A2 Abut Cap.	307+733		L.H.S	MNB		
VKE-3/PIL/STR/9732	4-Aug-20	Pouring M35 grade of concrete for A2 Abut Cap.	307+733		L.H.S	MNB		
VKE-3/PIL/STR/9733	4-Aug-20	Checking of Coating of Cement Slurry and Stacking of Reinforcement above ground	LVUP-321+673, VOP-307+170, FO-299+354 and other locations					
VKE-3/PIL/STR/9735	5-Aug-20	Checking of Formwork & Pouring M50 grade of concrete for span A1-A2 Girder-G1	297+562		R.H.S	MNB		
VKE-3/PIL/STR/9736	5-Aug-20	Checking for Cable stressing for Girder G1,G2,G3, Span P1-P2 ,Stage (II)nd cable no. 1,2,5	318+870		R.H.S	MJB		
VKE-3/PIL/STR/9737	5-Aug-20	Checking of Formwork & Pouring M35 grade of concrete for span A1-A2 Girder-G6	297+472		L.H.S	MNB		
VKE-3/PIL/STR/9739	6-Aug-20	Checking of Formwork & Pouring M50 grade of concrete for span A1-A2 Girder-G1	297+562		R.H.S	MNB		
VKE-3/PIL/STR/9740	6-Aug-20	Checking of Formwork & Pouring M35 grade of concrete for span A1-A2 Girder-G6	297+472		L.H.S	MNB		
VKE-3/PIL/STR/9741	6-Aug-20	Checking of reinforcement and formwork of A2 Abut Cap.	307+733		L.H.S	MNB		
VKE-3/PIL/STR/9742	6-Aug-20	Pouring M35 grade of concrete for A2 Abut Cap.	307+733		L.H.S	MNB		
VKE-3/PIL/STR/9743	6-Aug-20	Checking of cable profiling & reinforcement span P1-P2 PSC Girder- G2	302+713		L.H.S	MJB		
VKE-3/PIL/STR/9744	6-Aug-20	Checking for Cable stressing for Girder G1 Span A2-P1, Stage (II)nd cable no. 1,2,5,6	321+253		L.H.S	MJB		
VKE-3/PIL/STR/9745	6-Aug-20	Checking of Formwork & Pouring M50 grade of concrete for span A1-P1 Girder-G7	293+014		R.H.S	ROB		
VKE-3/PIL/STR/9746	6-Aug-20	Checking of Formwork & Pouring M50 grade of concrete for span A1-P1 Girder-G6	293+014		L.H.S	ROB		
VKE-3/PIL/STR/9748	7-Aug-20	Checking for Cable stressing for Girder G2,G3 Span A2-P1, Stage (II)nd cable no. 1,2,5,6	321+253		L.H.S	MJB		

Annexure 03 RFI Summary

Structure RFI								
RFI NO.	Inspection date	Item Description	Chainage From	Chainage To	Side	STR	Contact Person	Remarks
VKE-3/PIL/STR/9749	7-Aug-20	Checking of Formwork & Pouring M50 grade of concrete for span A1-P1 Girder-G7	293+014		R.H.S	ROB		
VKE-3/PIL/STR/9750	7-Aug-20	Checking of Formwork & Pouring M50 grade of concrete for span A1-P1 Girder-G6	293+014		L.H.S	ROB		
VKE-3/PIL/STR/9752	8-Aug-20	Checking for Cable stressing for Girder G2,G3 Span A2-P1, Stage (II)nd cable no. 1,2,5,6	321+253		L.H.S	MJB		
VKE-3/PIL/STR/9754	9-Aug-20	Grouting of Duct of cable no. 1,2,5 span P1-P2 Girder-G1,G2,G3	318+870		R.H.S	MJB		
VKE-3/PIL/STR/9755	9-Aug-20	Grouting of Duct of cable no. 1,2,5 span P1-P2 Girder-G4,G5	318+870		R.H.S	MJB		
VKE-3/PIL/STR/9756	9-Aug-20	Checking of reinforcement & cable profiling of PSC Girder-G5, span A1-P1	318+870		R.H.S	MJB		
VKE-3/PIL/STR/9758	10-Aug-20	Checking of Formwork & Pouring M50 grade of concrete for span A1-P1 Girder-G5	318+870		R.H.S	MJB		
VKE-3/PIL/STR/9759	10-Aug-20	Checking of reinforcement & cable profiling of PSC Girder-G5, span A1-P1	293+014		L.H.S	MJB		
VKE-3/PIL/STR/9760	10-Aug-20	Checking of reinforcement & cable profiling of PSC Girder-G7, span P1-P2	293+014		R.H.S	MJB		
VKE-3/PIL/STR/9762	11-Aug-20	Checking of reinforcement and formwork for Span A1-A2 Girder-G5	297+472		L.H.S	MNB		
VKE-3/PIL/STR/9763	11-Aug-20	Pouring M35 grade of concrete for Span A1-A2 Girder-G5	297+472		L.H.S	MNB		
VKE-3/PIL/STR/9764	11-Aug-20	Checking of Formwork & Pouring M50 grade of concrete for span P1-P2 Girder-G7	293+014		R.H.S	ROB		
VKE-3/PIL/STR/9765	11-Aug-20	Checking of Formwork & Pouring M50 grade of concrete for span P1-P2 Girder-G2	302+713		L.H.S	MJB		
VKE-3/PIL/STR/9767	17-Aug-20	Checking of Formwork & Pouring M50 grade of concrete for span A1-P1 Girder-G5	293+014		L.H.S	ROB		
VKE-3/PIL/STR/9768	18-Aug-20	Checking of Formwork & Pouring M50 grade of concrete for span A1-P1 Girder-G5	293+014		L.H.S	ROB		
VKE-3/PIL/STR/9769	18-Aug-20	Checking of Formwork & Pouring M50 grade of concrete for span A1-P1 Girder-G4	293+014		R.H.S	ROB		
VKE-3/PIL/STR/9770	18-Aug-20	Checking of reinforcement & cable profiling of Cable no. 3 & 4 for span A1-P1 Girder-G4	293+014		R.H.S	ROB		
VKE-3/PIL/STR/9771	19-Aug-20	Checking of Formwork & Pouring M50 grade of concrete for span A1-P1 Girder-G4	293+014		R.H.S	ROB		
VKE-3/PIL/STR/9772	20-Aug-20	Checking of reinforcement & cable profiling for span A1-P1 Girder-G6	318+870		R.H.S	MJB		
VKE-3/PIL/STR/9773	21-Aug-20	Checking of reinforcement & cable profiling for span A1-P1 PSC Girder-G1	293+014		R.H.S	ROB		
VKE-3/PIL/STR/9774	21-Aug-20	Checking of reinforcement and formwork for A1 & A2 wall final lift	312+695		L.H.S	VUP		
VKE-3/PIL/STR/9775	21-Aug-20	Pouring M35 grade of concrete for A1 & A2 wall final lift	312+695		L.H.S	VUP		
VKE-3/PIL/STR/9776	21-Aug-20	Checking of reinforcement & cable profiling for span A1-P1 PSC Girder-G4	293+014		L.H.S	ROB		
VKE-3/PIL/STR/9777	21-Aug-20	Checking of Formwork & Pouring M50 grade of concrete for span P1-P2 PSC Girder-G2	302+713		L.H.S	MJB		
VKE-3/PIL/STR/9778	21-Aug-20	Checking of Reinforcement & formwork of A1 & A2 wall 1st lift	316+960		L.H.S	PUP		
VKE-3/PIL/STR/9779	21-Aug-20	Pouring M35 grade of concrete for A1 & A2 wall 1st lift	316+960		L.H.S	PUP		
VKE-3/PIL/STR/9780	22-Aug-20	Checking of reinforcement and formwork for A1 & A2 wall final lift	312+695		L.H.S	VUP		
VKE-3/PIL/STR/9781	22-Aug-20	Pouring M35 grade of concrete for A1 & A2 wall final lift	312+695		L.H.S	VUP		
VKE-3/PIL/STR/9782	22-Aug-20	Checking of Formwork & Pouring M50 grade of concrete for span A1-P1 PSC Girder-G6	318+870		R.H.S	MJB		
VKE-3/PIL/STR/9783	22-Aug-20	Checking of reinforcement & cable profiling for span A1-A2 PSC Girder-G2	297+562		R.H.S	MNB		
VKE-3/PIL/STR/9784	22-Aug-20	Checking of Formwork & Pouring M50 grade of concrete for span A1-P1 PSC Girder-G4	293+014		L.H.S	ROB		
VKE-3/PIL/STR/9785	22-Aug-20	Checking of Formwork & Pouring M50 grade of concrete for span A1-P1 PSC Girder-G1	293+014		R.H.S	ROB		

Annexure 03 RFI Summary

Structure RFI								
RFI NO.	Inspection date	Item Description	Chainage From	Chainage To	Side	STR	Contact Person	Remarks
VKE-3/PIL/STR/9786	22-Aug-20	Checking of reinforcement and formwork for P2 Pier cap up step portion	299+354		L.H.S	FO		
VKE-3/PIL/STR/9787	22-Aug-20	Pouring M35 grade of concrete for P2 Pier cap up step portion	299+354		L.H.S	FO		
VKE-3/PIL/STR/9789	23-Aug-20	Checking of reinforcement & cable profiling for span A1-A2 PSC Girder-G2	297+562		R.H.S	MNB		
VKE-3/PIL/STR/9790	23-Aug-20	Checking of Formwork & Pouring M50 grade of concrete for span A1-P1 PSC Girder-G4	293+014		L.H.S	ROB		
VKE-3/PIL/STR/9791	23-Aug-20	Pouring M50 grade of concrete for span A1-P1 PSC Girder-G1	293+014		R.H.S	ROB		
VKE-3/PIL/STR/9792	23-Aug-20	Checking of reinforcement and formwork for P2 Pier cap up step portion	299+354		L.H.S	FO		
VKE-3/PIL/STR/9793	23-Aug-20	Pouring M35 grade of concrete for P2 Pier cap up step portion	299+354		L.H.S	FO		
VKE-3/PIL/STR/9795	24-Aug-20	Checking of Formwork & Pouring M50 grade of concrete for span A1-P1 PSC Girder-G4	293+014		L.H.S	ROB		
VKE-3/PIL/STR/9796	24-Aug-20	Checking of reinforcement & cable profiling for span P1-P2 PSC Girder-G3	302+713		L.H.S	MJB		
VKE-3/PIL/STR/9797	24-Aug-20	Grouting of Duct of cable no. 1,2,5,6 span P2-A2 Girder-G1,G2,G3	321+253		R.H.S	MJB		
VKE-3/PIL/STR/9798	24-Aug-20	Checking for Cable stressing for Girder G4,G5,G6 Span P2-A2, Stage (II)nd cable no. 1,2,5,6.	321+253		R.H.S	MJB		
VKE-3/PIL/STR/9800	25-Aug-20	Grouting of Duct of cable no. 1,2,5,6 span P2-A2 Girder-G1,G2,G3	321+253		R.H.S	MJB		
VKE-3/PIL/STR/9801	25-Aug-20	Checking for Cable stressing for Girder G4,G5,G6 Span P2-A2, Stage (II)nd cable no. 1,2,5,6.	321+253		R.H.S	MJB		
VKE-3/PIL/STR/9802	26-Aug-20	Checking of reinforcement & cable profiling for span P1-P2 PSC Girder-G2	293+014		R.H.S	ROB		
VKE-3/PIL/STR/9803	26-Aug-20	Checking of reinforcement & cable profiling for span A1-P1 PSC Girder-G5	293+014		L.H.S	ROB		
VKE-3/PIL/STR/9804	26-Aug-20	Checking of Formwork & Pouring M50 grade of concrete for span P1-P2 PSC Girder-G2	293+014		R.H.S	ROB		
VKE-3/PIL/STR/9805	26-Aug-20	Checking for Cable stressing for Girder-G7 Span A2-P1, Stage (II)nd cable no. 1,2,5,6.	321+253		R.H.S	MJB		
VKE-3/PIL/STR/9806	26-Aug-20	Checking for Cable stressing for Girder-G1,G2,G3 Span A2-P1, Stage (II)nd cable no. 1,2,5,6.	321+253		L.H.S	MJB		
VKE-3/PIL/STR/9808	27-Aug-20	Checking of Formwork & Pouring M50 grade of concrete for span A1-P1 PSC Girder-G3	293+014		L.H.S	ROB		
VKE-3/PIL/STR/9809	27-Aug-20	Checking of reinforcement & cable profiling for span A1-P1 PSC Girder-G5	293+014		R.H.S	ROB		
VKE-3/PIL/STR/9810	27-Aug-20	Checking of Formwork & Pouring M50 grade of concrete for span A1-A2 PSC Girder-G2	297+562		R.H.S	MNB		
VKE-3/PIL/STR/9811	27-Aug-20	Checking of reinforcement & cable profiling for span A1-P1 PSC Girder-G1	318+870		L.H.S	MJB		
VKE-3/PIL/STR/9812	27-Aug-20	Checking for Cable stressing for Girder-G4,G5 Span A2-P1, Stage (II)nd cable no. 1,2,5,6.	321+253		L.H.S	MJB		
VKE-3/PIL/STR/9813	27-Aug-20	Checking for Cable stressing for Girder-G6,G7 Span A2-P1, Stage (II)nd cable no. 1,2,5,6.	321+253		L.H.S	MJB		
VKE-3/PIL/STR/9815	28-Aug-20	Checking for Cable stressing for Girder-G4 Span A1-P1, Stage (II)nd cable no. 1,2,5	318+870		R.H.S	MJB		
VKE-3/PIL/STR/9816	28-Aug-20	Checking of Formwork & Pouring M50 grade of concrete for span A1-A2 PSC Girder-G2	297+562		R.H.S	MNB		
VKE-3/PIL/STR/9817	28-Aug-20	Checking of reinforcement & cable profiling for span A1-P1 PSC Girder-G6	293+014		L.H.S	ROB		
VKE-3/PIL/STR/9818	28-Aug-20	Checking of Formwork & Pouring M50 grade of concrete for span A1-P1 PSC Girder-G5	293+014		R.H.S	ROB		
VKE-3/PIL/STR/9820	29-Aug-20	Checking of reinforcement and formwork of A2 wall final lift	307+778		R.H.S	BC		
VKE-3/PIL/STR/9821	29-Aug-20	Pouring M30 grade of concrete for A2 wall final lift	307+778		R.H.S	BC		
VKE-3/PIL/STR/9822	29-Aug-20	Checking of reinforcement & cable profiling for span P1-P2 PSC Girder-G5	293+014		R.H.S	ROB		
VKE-3/PIL/STR/9823	29-Aug-20	Checking of reinforcement & cable profiling for span A1-P1 PSC Girder-G2	293+014		L.H.S	ROB		

Annexure 03 RFI Summary

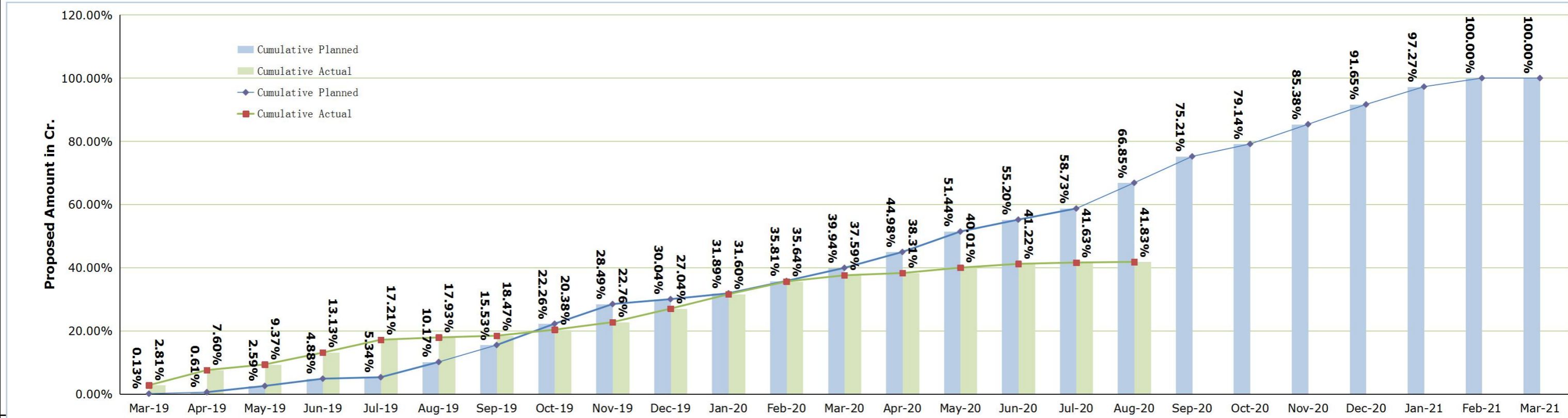
Structure RFI								
RFI NO.	Inspection date	Item Description	Chainage From	Chainage To	Side	STR	Contact Person	Remarks
VKE-3/PIL/STR/9824	29-Aug-20	Checking of Formwork & Pouring M50 grade of concrete for span A1-A2 PSC Girder-G2	297+562		R.H.S	MNB		
VKE-3/PIL/STR/9825	29-Aug-20	Grouting of Duct of cable no. 1,2,5,6 span P1-A2 Girder-G1	321+253		L.H.S	MJB		
VKE-3/PIL/STR/9826	29-Aug-20	Grouting of Duct of cable no. 1,2,5,6 span P1-A2 Girder-G2	321+253		L.H.S	MJB		
VKE-3/PIL/STR/9827	29-Aug-20	Grouting of Duct of cable no. 1,2,5,6 span P1-A2 Girder-G3	321+253		L.H.S	MJB		
VKE-3/PIL/STR/9828	29-Aug-20	Grouting of Duct of cable no. 1,2,5,6 span P1-A2 Girder-G4	321+253		R.H.S	MJB		
VKE-3/PIL/STR/9829	29-Aug-20	Grouting of Duct of cable no. 1,2,5,6 span P1-A2 Girder-G5	321+253		R.H.S	MJB		
VKE-3/PIL/STR/9830	29-Aug-20	Grouting of Duct of cable no. 1,2,5,6 span P1-A2 Girder-G6	321+253		R.H.S	MJB		
VKE-3/PIL/STR/9831	29-Aug-20	Grouting of Duct of cable no. 1,2,5,6 span P1-A2 Girder-G7	321+253		R.H.S	MJB		
VKE-3/PIL/STR/9833	30-Aug-20	Checking of reinforcement and formwork of A1 & A2 wall 1st lift	316+960		L.H.S	PUP		
VKE-3/PIL/STR/9834	30-Aug-20	Pouring M35 grade of concrete for A1 & A2 wall 1st lift	316+960		L.H.S	PUP		
VKE-3/PIL/STR/9835	30-Aug-20	Checking of Formwork & Pouring M50 grade of concrete for span A1-P1 PSC Girder-G2	293+014		L.H.S	ROB		
VKE-3/PIL/STR/9836	30-Aug-20	Checking of reinforcement & cable profiling for span A1-A2 PSC Girder-G3	297+562		R.H.S	MNB		
VKE-3/PIL/STR/9837	30-Aug-20	Grouting of Duct of cable no. 1,2,5,6 span P1-A2 Girder-G4	321+253		L.H.S	MJB		
VKE-3/PIL/STR/9838	30-Aug-20	Grouting of Duct of cable no. 1,2,5,6 span P1-A2 Girder-G5	321+253		L.H.S	MJB		
VKE-3/PIL/STR/9839	30-Aug-20	Grouting of Duct of cable no. 1,2,5,6 span P1-A2 Girder-G6	321+253		L.H.S	MJB		
VKE-3/PIL/STR/9840	30-Aug-20	Grouting of Duct of cable no. 1,2,5,6 span P1-A2 Girder-G7	321+253		L.H.S	MJB		
VKE-3/PIL/STR/9841	30-Aug-20	Grouting of Duct of cable no. 1,2,5 span A1-P1 Girder-G4	318+870		R.H.S	MJB		
VKE-3/PIL/STR/9842	31-Aug-20	Checking of Formwork & Pouring M50 grade of concrete for span A1-P1 PSC Girder-G2	293+014		L.H.S	ROB		
VKE-3/PIL/STR/9843	31-Aug-20	Grouting of Duct of cable no. 1,2,5,6 span P1-A2 Girder-G4	321+253		L.H.S	MJB		
VKE-3/PIL/STR/9844	31-Aug-20	Grouting of Duct of cable no. 1,2,5,6 span P1-A2 Girder-G5	321+253		L.H.S	MJB		
VKE-3/PIL/STR/9845	31-Aug-20	Grouting of Duct of cable no. 1,2,5,6 span P1-A2 Girder-G6	321+253		L.H.S	MJB		
VKE-3/PIL/STR/9846	31-Aug-20	Grouting of Duct of cable no. 1,2,5,6 span P1-A2 Girder-G7	321+253		L.H.S	MJB		
VKE-3/PIL/STR/9847	31-Aug-20	Grouting of Duct of cable no. 1,2,5 span A1-P1 Girder-G4	318+870		R.H.S	MJB		
VKE-3/PIL/STR/9848	31-Aug-20	Checking of Formwork of span A1-P1 PSC Girder-G1	318+870		L.H.S	MJB		
VKE-3/PIL/STR/9849	31-Aug-20	Pouring M50 grade of concrete for span A1-P1 PSC Girder-G1	318+870		L.H.S	MJB		

Annexure 03 RFI Summary

QUALITY CONTROL						
Sr. NO.	RFI NO.	Inspection date	Item Description	Chainage	Contact Person	Contact Number
1	VKE-3/PIL/LAB/977	3-Aug-20	M25 PCC Mix design with Ambuja Cement, Suyog GGBS and BASF Admixture	PIL camp		
2	VKE-3/PIL/LAB/978	3-Aug-20	M40 RCC Mix design with Ambuja Cement, Suyog GGBS and BASF Admixture	PIL camp		
3	VKE-3/PIL/LAB/979	4-Aug-20	PQC Mix design with Ultratech Cement OPC-43 grade, Suyog GGBS and BASF Admixture	PIL camp		
4	VKE-3/PIL/LAB/980	7-Aug-20	PQC Mix design with Sidhee Cement OPC-43 grade, Suyog GGBS and BASF Admixture	PIL camp		
5	VKE-3/PIL/LAB/981	16-Aug-20	M30 RCC Mix design with Ultratech Cement OPC-53 grade, Suyog Flyash and BASF Admixture	PIL camp		
6	VKE-3/PIL/LAB/982	17-Aug-20	M30 RCC Mix design with Ultratech Cement OPC-53 grade, Suyog Flyash and BASF Admixture	PIL camp		
7	VKE-3/PIL/LAB/983	17-Aug-20	DLC Mix design with Sidhee Cement OPC-53 grade, Suyog GGBS	PIL camp		
8	VKE-3/PIL/LAB/984	18-Aug-20	M30 RCC Mix design with Ultratech Cement OPC-53 grade, Suyog Flyash and BASF Admixture	PIL camp		
9	VKE-3/PIL/LAB/985	20-Aug-20	M30 RCC Mix design with Ultratech Cement OPC-53 grade, Suyog GGBS	PIL camp		
10	VKE-3/PIL/LAB/986	20-Aug-20	Caliberation of batching plan of capacity 30 CUM	Maruti Plant		
11	VKE-3/PIL/LAB/987	26-Aug-20	Concrete Mix Design M25 Kerb with Ambuja Cement OPC-53 grade, Suyog GGBS & BASF Admixture	PIL camp		
12	VKE-3/PIL/LAB/988	28-Aug-20	Caliberation of concrete batching plan of capacity 60 CUM per hr	Keya Plant		
13	VKE-3/PIL/LAB/989	28-Aug-20	M30 RCC Mix design with Ultratech Cement OPC-53 grade	PIL Plant		
14	VKE-3/PIL/LAB/990	29-Aug-20	PQC Mix design with Ultratech Cement OPC-43 grade, Suyog Flyash & FOSROC Admixture	PIL CAMP		
15	VKE-3/PIL/LAB/991	30-Aug-20	Caliberation of concrete batching plan of capacity 60 CUM per hr	PIL CAMP		
16	VKE-3/PIL/LAB/992	31-Aug-20	PQC Mix design with Ultratech Cement, Suyog GGBS & FOSROC Admixture	PIL CAMP		

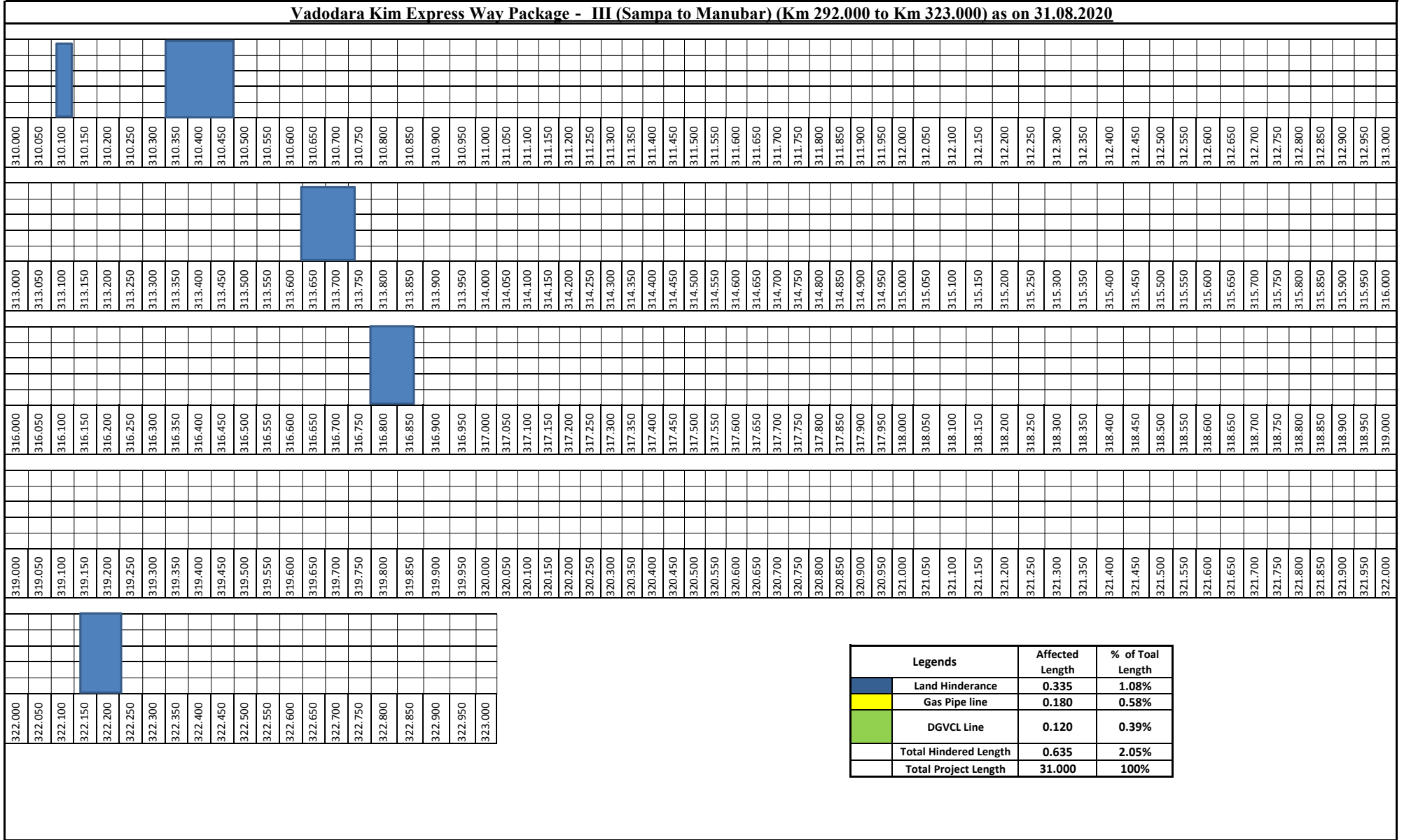
S- Curve (Physical Progress for Project Milestone)

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	6.36	3.17							
	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%	0.41%	0.21%							
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	643.17	646.34							
	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%	41.63%	41.83%							

Vadodara Kim Express Way Package - III (Sampa to Manubar) (Km 292.000 to Km 323.000) as on 31.08.2020



**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 +1x38 +1x44 +1x33.75 +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									
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
					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	P8-P9				
					P9-P10	1				1		1	P9	1		1				1	P9-P9				
													↑	P9a	1	1	1	1			1	P9a-P10			
					P10-P11	1		1	1	1	1	1	P10	1	1	1	1	1	1	1	P10-P11				
					P11-P12	1			1	1	1	1	P11	1	1	1	1	1	1	1	P11-P12				
					P12-P13	1			1	1	1	1	P12	1	1	1	1	1	1	1	P12-P13				
					P13-P14	1			1	1	1	1	P13	1	1	1	1	1	1	1	P13-P14				
					P14-P15	1				1	1	1	P14	1	1	1	1	1	1	1	P14-P15				
					P15-A2	1				1	1	1	A2	1	1	1	1	1	1	1	P15-A2				
						17	0	8	12	18	15	18			18	15	18	10	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			Completed						
Crash Barrier	Exp Joint	Slab	Cross Girder	Main Girder	Pedestals	Cap	Stem	Completed						Scope	Scope	Scope	Completed	Scope	Completed	Scope	Stem	Cap	Pedestals
302+713 Bhukhi Khadi 2x37.847+ 1x38.045																							
							1	1	1	1	A1	1	1	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	1	1	A2	1	1	1	1	1							
							1	4	4	4		4	4	4	4	4	2						
318+870 SSNNL Canal 2x32.20+ 1x15.85																							
							1	1	1	1	A1	1	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	1	A2	1	1	1	1	1	1						
							2	4	4	4		4	4	4	4	4	1						
321+253 Rupa Khadi 2x37.658																							
							1	1	1	1	A1	1	1	1	1	1	1						
							1	1	1	1	P	1	1	1	1	1							
							1	1	1	1	A2	1	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	Scope	Pedestal	Cap	Stem	Scope	Completed	Scope	Sl. No.		Scope	Completed	Scope	Stem	Cap	Pedestal	Scope	Main Girder	Cross Girder	Slab	Exp Joint	Crash Barrier	
		1	NA	NA	1	NA	NA	1	1	1	1	1	294+085 Box 1x12	1	1	1	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		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		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			1	2	2	2	8	309+840 (SSNNL) 1x23.740	2	2	2	2			1						
					1			2	2	2	2	9	310+720 (GSPL) Portal 1x21.35	2	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			8	21	13	20		Total	20	13	21	9	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					Scope	Sub structure				Foundation (Pile Cap)			Foundation (Pile Cap)		Sub structure				Super structure					
Completed						Scope	Completed				Completed	Scope	Scope	Completed	Scope	Completed			Scope	Completed				
Crash Barrier	Exp Joint	Slab	Cross Girder	Main Girder	Pedestal		Cap	Stem	Scope	Completed						Scope	Scope	Completed		Scope	Stem	Cap	Pedestal	Scope
							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									
							4	4	4	4		4	4	4	4									

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				
307+170 (2x41.35)	Scope	Completed	Scope	Completed	Scope	Stem	Cap		Pedestal	Girders	Slab	Exp Joint	Crash Barrier
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	1	1	292+400	1	1	1	1	1		
		1	1	1	1	1	1	2	295+151	1	1	1	1	1	
		1	1	1	1	1	1	3	295+990	1	1	1	1	1	
		1	1	1	1	1	1	4	297+220	1	1	1	1	1	
		1	1	1	1	1	1	5	297+900	1	1	1	1	1	
		1	1	1	1	1	1	6	298+380	1	1	1	1	1	
		1	1	1	1	1	1	7	299+079	1	1	1	1	1	
		1	1	1	1	1	1	8	300+725	1	1	1	1	1	
		1	1	1	1	1	1	9	301+790	1	1	1	1	1	
		1	1	1	1	1	1	10	302+055	1	1	1	1	1	
		1	1	1	1	1	1	11	303+220	1	1	1	1	1	
		1	1	1	1	1	1	12	304+170	1	1	1	1	1	
		1	1	1	1	1	1	13	305+058	1	1	1	1	1	
		1	1	1	1	1	1	14	305+850	1	1	1	1	1	
		1	1	1	1	1	1	15	306+060	1	1	1	1	1	
		1	1	1	1	1	1	16	306+820	1	1	1	1	1	
		1	1	1	1	1	1	17	309+550	1	1	1	1	1	
		1	1	1	1	1	1	18	310+480	1	1	1	1	1	
		1	1	1	1	1	1	19	311+650	1	1	1	1	1	
						1		20	312+280	1					
		1	1	1	1	1	1	21	313+075	1	1	1	1	1	
		1	1	1	1	1	1	22	314+850	1	1	1	1	1	
		1	1	1	1	1	1	23	315+870	1	1	1	1	1	
						1	1	24	316+960	1	1	1	1	1	
		1	1	1	1	1	1	25	317+460	1	1				
		1	1	1	1	1	1	26	318+400	1	1				
		1	1	1	1	1	1	27	319+580	1	1	1	1	1	
		1	1	1	1	1	1	28	320+330	1	1	1	1	1	
		1	1	1	1	1	1	29	320+825	1	1	1	1	1	
			1	1	1	1	1	30	322+550	1	1	1	1	1	
	0	26	28	28	29	30				30	29	27	27	27	

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	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		
		8	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	2x4x4	1	1						
			1	1	1	1	1	3	294+985	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	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	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	
							1	12	307+193 (0+716)	1x2x2	1							
							1	13	307+193 (0+482)		1							
			1	1	1	1	1	14	307+709	1x2.55x2	1	1	1	1	1			
			1	1	1	1	1	15	307+778	1x3.45x3	1	1						
								16	308+995	1x3.65x3								
						1	1	17	309+819	1x2x2	1	1						

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
								18	309+858	1x3x3								
1	1	1	1	1	1	1	1	19	314+148	1x3x4	1	1	1	1	1	1	1	
						1	1	20	315+225	1x2.45x2	1	1						
								21	316+420	1x2x2	1	1	1	1	1			
				1	1	1	1	22	316+558	1x2.45x2	1	1	1	1				
				1	1	1	1	23	317+485	1x3x3	1	1	1	1				
				1	1	1	1	24	318+586	1x3x3	1	1						
								25	322+750	1x2x2								
								26	Ramp 1(0+460)	1x2x2								
								27	Ramp 1(0+740)	1x2x2								
								28	Ramp 1(0+770)	1x2x2								
								29	Ramp 1(1+090)	1x2x2								
5	5		8	11	11	16	18				19	17	12	12	10		5	

CONSTRUCTION OF EIGHT LANE VADODARA KIM EXPRESSWAY PKG III (From Km 292.00 To Km 323.00)											
HP CULVERTS (Total 35 nos.)											
LHS					Sl. No.	Chainage	RHS				
Chamber	Cradle	Pipe Laying	PCC Bedding	Excavation			Excavation	PCC Bedding	Pipe Laying	Cradle	Chamber
	1	1	1	1	1	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.)											
LHS					Sl. No.	Chainage	RHS				
Chamber	Cradle	Pipe Laying	PCC Bedding	Excavation			Excavation	PCC Bedding	Pipe Laying	Cradle	Chamber
	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	

LAB. EQUIPMENTS CALIBRATION PLAN FOR THE MONTH OF AUGUST-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	Proving Ring	30 KN	EIE Instruments	SL. No-790	18.03.2020	17.03.2021	
5	Proving Ring	2.5 KN	EIE Instruments	PR-25KN-470.2018	07.05.2020	06.05.2021	
6	Pressure Gauge	500 KN	Excel	SL. No-EXL-160819C	04.06.2020	03.06.2021	
7	Dial Gauge	0-30mm	Kann	SL. No-L2042	04.03.2020	03.03.2021	
8	Dial Gauge	0-30mm	Aerospace	SL. No-16871	04.03.2020	03.03.2021	
9	Dial Gauge	0-30mm	Kann	SL. No-L1860	04.03.2020	03.03.2021	
10	Dial Gauge	0-30mm	Kann	SL. No-L1991	04.03.2020	03.03.2021	
11	Electronic Balance	100 Kg	Swisser	SL. No-1805079	21.07.2020	20.07.2021	
12	Electronic Balance	50 Kg	Swisser	SL. No-2191210	24.12.2019	23.12.2020	
13	Electronic Balance	50 Kg	Swisser	SL. No-2191211	24.12.2019	23.12.2020	
14	Electronic Balance	50 Kg	Swisser	SL. No-2190683	21.07.2020	20.07.2021	
15	Electronic Balance	30 Kg	Swisser	SL. No-2190713	21.07.2020	20.07.2021	
16	Electronic Balance	20 Kg	Swisser	SL. No-2190755	21.07.2020	20.07.2021	
17	Electronic Balance	10 Kg	Swisser	SL. No-2180656	21.07.2020	20.07.2021	
18	Electronic Balance	0.600 Kg	Vindish	J-20-609	13.08.2020	12.08.2021	
19	Rapid Moisture Meter (RMM)	0-25 %	EIE Instruments	EIE/RMM/C-1912349	24.12.2019	23.12.2020	
20	Rapid Moisture Meter (RMM)	0-25 %	EIE Instruments	EIE/RMM/C-2002031	28.02.2020	27.02.2021	
21	Digital Multi Thermometer	-50 to 300 o ^c	ACETEQ	ST-9283B	17.02.2020	16.02.2021	
22	Vicat Needle Apparatus		EIE Instruments		21.07.2020	20.07.2021	
23	CBR Mould	150 mm	EIE Instruments		24.12.2019	23.12.2020	
24	Rain Gauge		EIE Instruments		01.07.2020	30.06.2021	
25	Digital Vernier Caliper	0 to 200 mm	EIE Instruments	Sr No-1105183056	21.07.2020	20.07.2021	
26	Slump Cone	30x20x10 cm	EIE Instruments	EIE/MT/196978	13.08.2020	12.08.2021	
27	Nuclear Density Gauge	Model No-H5001EZ	Humboldt	Sr. No-5458	10.04.2020	09.04.2021	
IN-HOUSE CALIBRATION							
1	Concrete Batching Plant (Patel)	240 M ³ /Hour	Schwing Stetter	H6N	21.06.2020	20.09.2020	
2	Concrete Batching Plant (Patel)	112 M ³ /Hour	Schwing Stetter	M-2.5 C	19.07.2020	18.10.2020	
3	Concrete Batching Plant (Patel)	60 M ³ /Hour	Schwing Stetter	M-1.0 C	30.08.2020	29.11.2020	
4	Concrete Batching Plant (Keya)	60 M ³ /Hour	Schwing Stetter	M-1.0 C	28.08.2020	27.11.2020	
5	DLC Plant (Patel)	300 MT/Hour	Maxmech	MCMT300	27.07.2020	26.10.2020	
6	Moisture Container (Big Size)	100x75 cm	EIE Instruments		13.06.2020	12.12.2020	
7	CBR Mould	150 mm	EIE Instruments		13.06.2020	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		18.07.2020	17.10.2020	
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		17.08.2020	16.11.2020	
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		30.07.2020	29.10.2020	
15	Rapid Moisture Meter(RMM) No-01	0-25 %	EIE Instruments		19.08.2020	18.11.2020	
16	Rapid Moisture Meter(RMM) No-02	0-25 %	EIE Instruments		07.07.2020	06.10.2020	
17	Proctor Mould	1000 cc	EIE Instruments		06.04.2020	05.10.2020	
18	Proctor Rammer	4.89 Kg.	EIE Instruments		12.06.2020	11.06.2021	
19	CBR Mould	150 mm dia	EIE Instruments		06.04.2020	05.10.2020	
20	Concrete cube Mould	15x15x15 cm	EIE Instruments		28.02.2020	27.02.2021	
21	Cement Mortar Mould	7.06x7.06x7.06 cm	EIE Instruments		23.12.2019	22.12.2020	
22	Beam Mould	70x15x15 cm	EIE Instruments		12.07.2020	11.07.2021	
23	Slump Cone	30x20x10 cm	EIE Instruments		23.12.2019	22.12.2020	



**CH
307+778
BC**

**A2 wall final lift pouring
has been started.**

RHS

98

**CH
297+562
MNB**

**PSC girder G2 concreting
Work in progress at span
A1-A2.**

RHS



<p>CH 293+014 ROB</p>	<p>Cable profile Checking Work in progress at span A1-P1 PSC girder G2.</p>	<p>LHS</p>	<p>CH 297+562 MNB</p>	<p>Cable profile Checking work in progress at A1-A2 span PSC girder G3</p>	<p>RHS</p>
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**CH-299+375
Flyover**

TL Visit

**CH- 299+375
Flyover**

TL Visit



PKG-3 Precast Drain Casting

TL Visit

PKG-3 Precast Drain Casting

TL Visit

Date:-21/08/2020



**CH-
293+014**

ROB RHS P-3

102

**Cement slurry coating in progress on pedestal
reinforcement**



**CH-
293+014**

**GIRDER reinforcement
coating with cement slurry**

**CH- NO
293+014 ROB**

103

**P1-P2 RHS PSC Girder
no 2 reinforcement
binding work**



2020/8/10 16:11



2020/8/10 10:37

293+014

Girder G7 span P1-P2
profiling of ducts.

ROB

310+725

Reinforcement
coating with cement slurry

MNB

Date:- 04/08/2020



CH-314+400
to 314+550

DLC laying in progress

LHS

CH-314+400
to 314+550

DLC laying in progress

LHS

Date:- 04/08/2020



CH-
314+550 to
314+630

DLC laying in progress

LHS

CH-
314+550 to
314+630

DLC laying in progress

LHS

Patel Infrastructure Limited

Vadodara Kim Expressway Package-3

Site safety report for the month of August-2020

Maintenance of Men at work sing & Diversion board.

CH-307+193



CH-307+733,



Cutting of trees bark for clear visual of sing board & Maintenance of Men at work sing board
CH-307



CH-311.



Vehicle inspection



Electrical inspection



Safety induction of new workmen



Operators/Drivers safety training



Monthly safety committee meeting



Workers safety training on PPEs CH- 299



Tool box Talk CH-293+014(ROB)

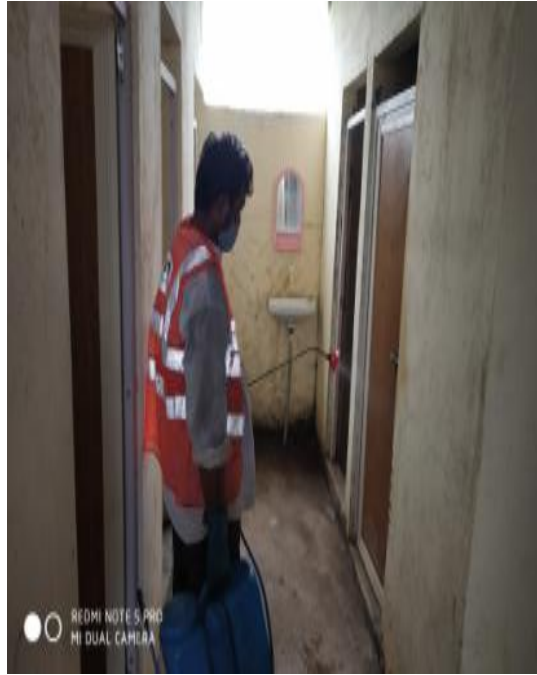


Patel Infrastructure Limited

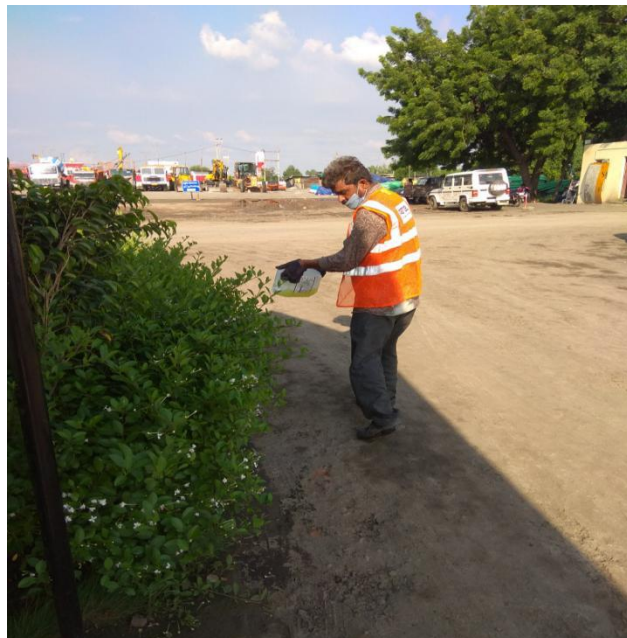
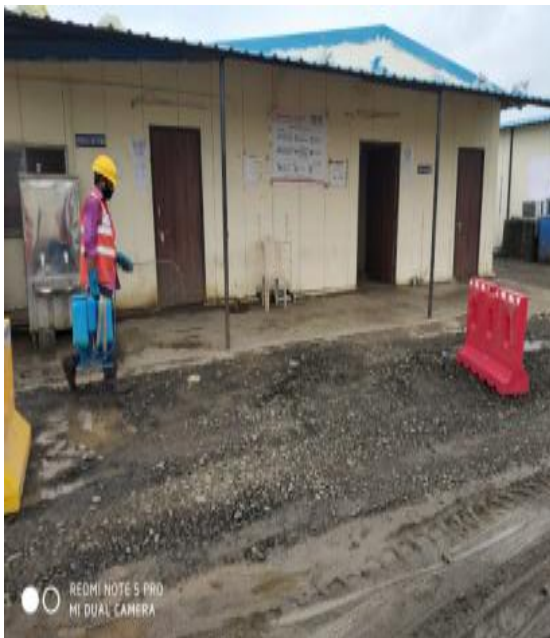
Vadodara Kim Expressway Package-3

Environment Report for the month of August-20

Sprayed of Hypochondria at campus and Office area (on daily basis)



Sprayed of Carbolic acid for disinfect insecticide at campus and Office area



Annexure 12		Monthly monitoring of ongoing works for CGM(Tech.)	
Sr. No.	Monthly Monitoring Points	Status	Remarks
1	Monitoring of approved construction Programme viz-a-viz the actual progress.	PVKEPL Submitted Revised Work program as per approved Schedule G vide Letter No PVKEPL/HO/VKP3/IE/093/2020 Dt.12.05.2020,Approved by IE vide Letter No 1755Dt. 16.05.2020. Further Revised program Submitted vide letter no 155 Dt. 20.08.2020 which is under review with IE.	
2	Monitoring of the deployed resources (man, Machinery, material) viz-a-viz required for completion of work as per the original/extended period.	We have submitted machinery deployment schedule along with above work Programme, Letter No PVKEPL/HO/VKP3/IE/093/2020 Dt.12.05.2020,Approved by IE vide Letter No 1755Dt. 16.05.2020.Further Revised program Submitted vide letter no 155 Dt. 20.08.2020 which is under review with IE.	
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 0.635 Km, comprising of 0.335 km Land acquisition and 0.3 km affected due to utility shifting.	