

# MONTHLY PROGRESS REPORT

MARCH - 2020



Construction of Eight lane Vadodara Kim Expressway from Km 323.00 to Km 355.00(Sanpa to Padra section of Vadodara Mumbai Expressway) in the State of Gujarat under NHDP Phase- VI on Hybrid Annuity mode (Phase-IA- Package II)

**Concessionaire: IVKEL**



**IRCON INTERNATIONAL LIMITED**

(A Government of India Undertaking)

**EPC Contractor:**

**PATEL INFRASTRUCTURE LIMITED**

*PATEL HOUSE, CHANNI, VADODARA*



Every Milestone is Our Value

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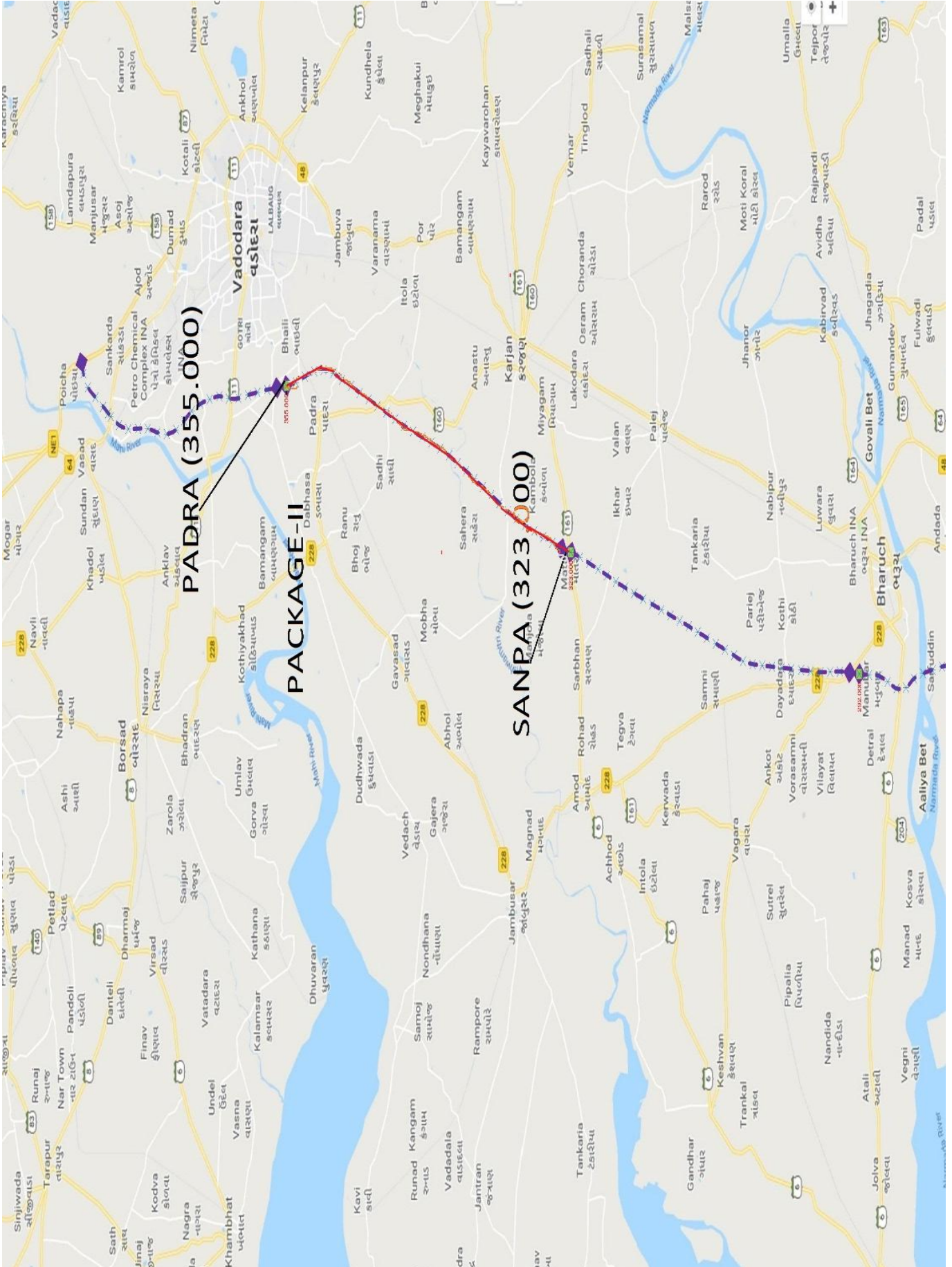
## I. LOCATION PLAN & KEY PLAN

### A. Key plan of Expressway

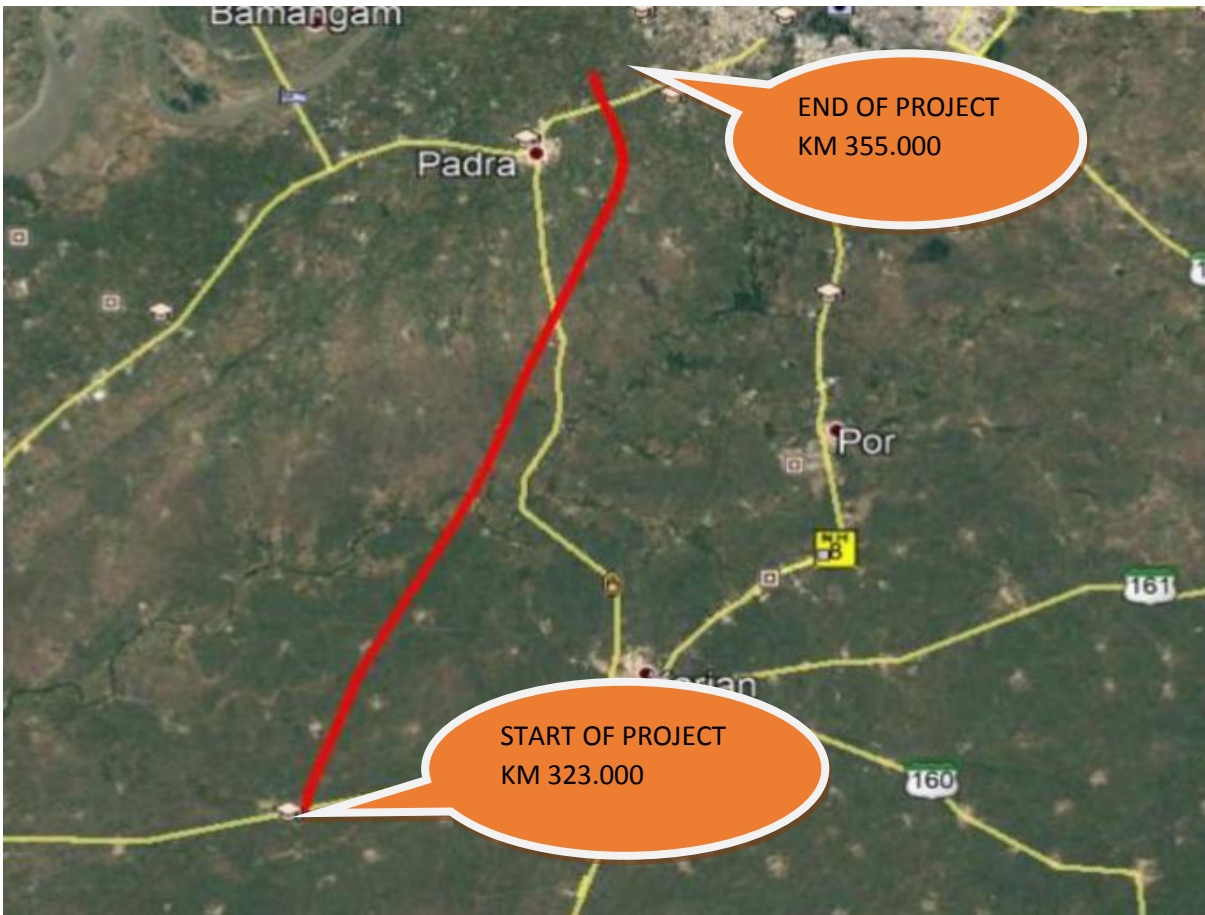




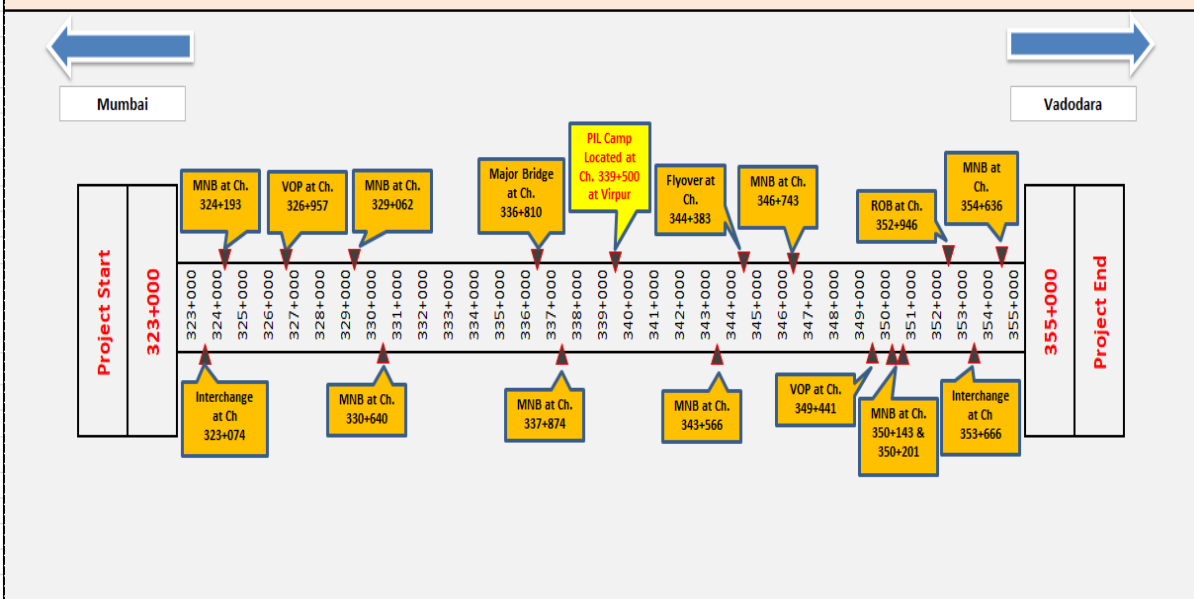
Construction of Eight lane Vadodra Kim Expressway from Km 323.00 to Km 355.00  
National Highway Authority of India (NHDP Phase VI)  
IRCON International Limited



**B. KEY PLAN OF PROJECT**



**Location Map & Key Plan of the Project**



## II. EXECUTIVE SUMMARY

### A. Project Synopsis

National Highways Authority of India (NHAI) in concession agreement with IRCON Vadodara Kim Expressway Limited (IVKEL) has undertaken the construction of new alignment 8-lane expressway from Sanpa to Padra from Km 355.000 to 323.000 (Length 32.00 Km) in the State of Gujarat under NHDP Phase-VI Package II.M/s Patel Infrastructure Limited (PIL) has been awarded by IVKEL for the construction of Eight Lane Vadodara Kim Expressway on EPC Mode.

The 8-lane controlled access expressway traverses through two districts viz. Karjan and Vadodara in Gujarat State. These districts are rich in industrial production. There are many industrial estates and factories both in public and private sector. The alignment starts near Sanpa at km 323+000 and passes through major villages Bodka, Kanabha, Handod, Sambhoi, Survada, Sadad, Husepur, Amla, Sarsavani, Goriyad, Ghayaj, Darapur, Patod, Sokhada, Samiyala and it ends at Gokalpura village near Vadodara at km 355.000.

The expressway comprises of rigid pavement for Main Carriageway and flexible pavement for the Connecting road. The Expressway alignment runs almost parallel to existing NH 48 on west side. It includes the construction of bridges, underpasses, overpasses, ROB, Flyover, intersections, Connecting roads, culverts, related infrastructure such as Truck parking, rest areas, toll plaza, wayside amenities, and also involves the installation of Advance Traffic Management system.

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 Vadodara District. The Function of expressway is to cater for movement of heavy volume 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, commercial concentrations, and the central business districts. 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, passengers and pedestrian traffic is not permitted on these highways.

Present status of approval of ROB drawing at chainage 352+946: The drawing was approved by Sr. DEN (Co) – BRC, Western Railway on 24.12.2018 and proof checked was done by IIT, BHU on 08.07.2019. GAD, reinforcement details, initial pile load test and design report have been submitted to Sr. DEN vide NHAI letter no. NHAI/PIU-Bharuch/P-2/222 dated 19.07.2019. Detail design and drawing of super structures of proposed ROB have been submitted to Western railway vide NHAI letter no. NHAI/PIU-Bharuch/P-2-5/340 on 19.08.2019.

This report covers the progress for the month of March 2020. The Embankment work of the main carriageway has been continued and 29.96 Km out of 30.52 Km is in progress. The Executive summary of the reporting month is as shown below.

<b>Executive Summary of the Project</b>		
<b>Sl. No</b>	<b>Key Reporting Metrics</b>	<b>Value/%/Amount</b>
1	Cumulative Scheduled Physical Progress (%)	48.91%
2	Cumulative Achieved Physical Progress up to Current month (%)	44.86%
3	Physical progress target during current month (%)	7.18%
4	Physical progress achieved during current month (%)	1.73%
5	Cumulative scheduled financial Progress (%)	34.50%



<b>Executive Summary of the Project</b>		
<b>Sl. No</b>	<b>Key Reporting Metrics</b>	<b>Value/%/Amount</b>
6	Cumulative Achieved Financial Progress up to Current month (%)	31.85%
7	Financial progress target during current month (%)	2.00%
8	Financial progress achieved during current month (%)	2.90%

### **III. PROJECT OVERVIEW**

Project	Construction of Eight Lane Vadodara Kim Expressway from Km 323.00 to Km 355.00 (Sanpa to Padra Section of Vadodara Mumbai Expressway) in the State of Gujarat under NHDP Phase - VI on EPC Mode (Package-II)
Authority	National Highways Authority of India
Concessionaire	IRCON Vadodara Kim Expressway Limited
EPC Contractor	IRCON International Limited
Contractor	Patel Infrastructure Limited
Independent Engineer	Aarvee Associates Architects Engineers & Consultants
Project Length	32.00 Km
Total Bid Project Cost	1465.00 Cr.
Defect liability Period	42 month
Construction Period	670 Days from the Appointed Date.
Date of LOA	26.10.2018
Date of Concession Agreement	19.11.2018
Appointed Date	31.01.2019
Schedule Date of Completion	30.11.2020

**A. Milestones as per CA:**

<b>Sr. No.</b>	<b>Project Milestone</b>	<b>Required % of Physical &amp; Financial Work Completion to Achieve Milestone</b>	<b>Date of Milestone as per CA</b>	<b>Proposed Date of Milestone</b>	<b>Financial Progress</b>
1	Milestone - 1	20%	30/06/2019	30/09/2019	292.998
2	Milestone – 2	35%	27/12/2019	24/01/2020	512.746
3	Milestone – 3	75%	25/04/2020	31/07/2020	1098.743
4	Milestone – 4	100%	01/12/2020	01/12/2020	1464.999



## B. Details of Typical Cross section

SR. NO.	Chainage as per CA		Chainage as per P&P		TCS TYPE
	To	From	To	From	
1	323+000	323+530	323+000	323+530	TCS 4/structure
2	323+530	323+700	323+530	323+700	TCS 5
3	323+700	329+300	323+700	329+300	TCS 1
4	329+300	329+400	329+300	329+400	TCS 2
5	329+400	331+850	329+400	331+825	TCS 1
6	331+850	332+050	331+825	332+020	TCS 3
7	332+050	334+325	332+020	334+325	TCS 1
8	334+325	334+430	334+325	334+430	TCS 2
9	334+430	337+050	334+430	337+050	TCS 1
10	337+050	337+500	337+050	337+500	TCS 2
11	337+500	341+500	337+500	341+550	TCS 1
12	341+500	341+760	341+550	341+810	TCS 2
13	341+760	343+870	341+810	343+850	TCS 1
14	343+870	344+000	343+850	344+000	TCS 3
15	344+000	344+550	344+000	344+460	TCS 7/Structure
16	344+550	344+750	344+460	344+750	TCS 6
17	344+750	346+750	344+750	346+725	TCS 1
18	346+750	347+150	346+725	347+150	TCS 3
19	347+150	353+050	347+150	353+050	TCS 1
20	353+050	353+550	353+050	353+550	TCS 5
21	353+550	354+850	353+550	354+850	TCS 1
22	354+850	355+000	354+850	355+000	TCS 2

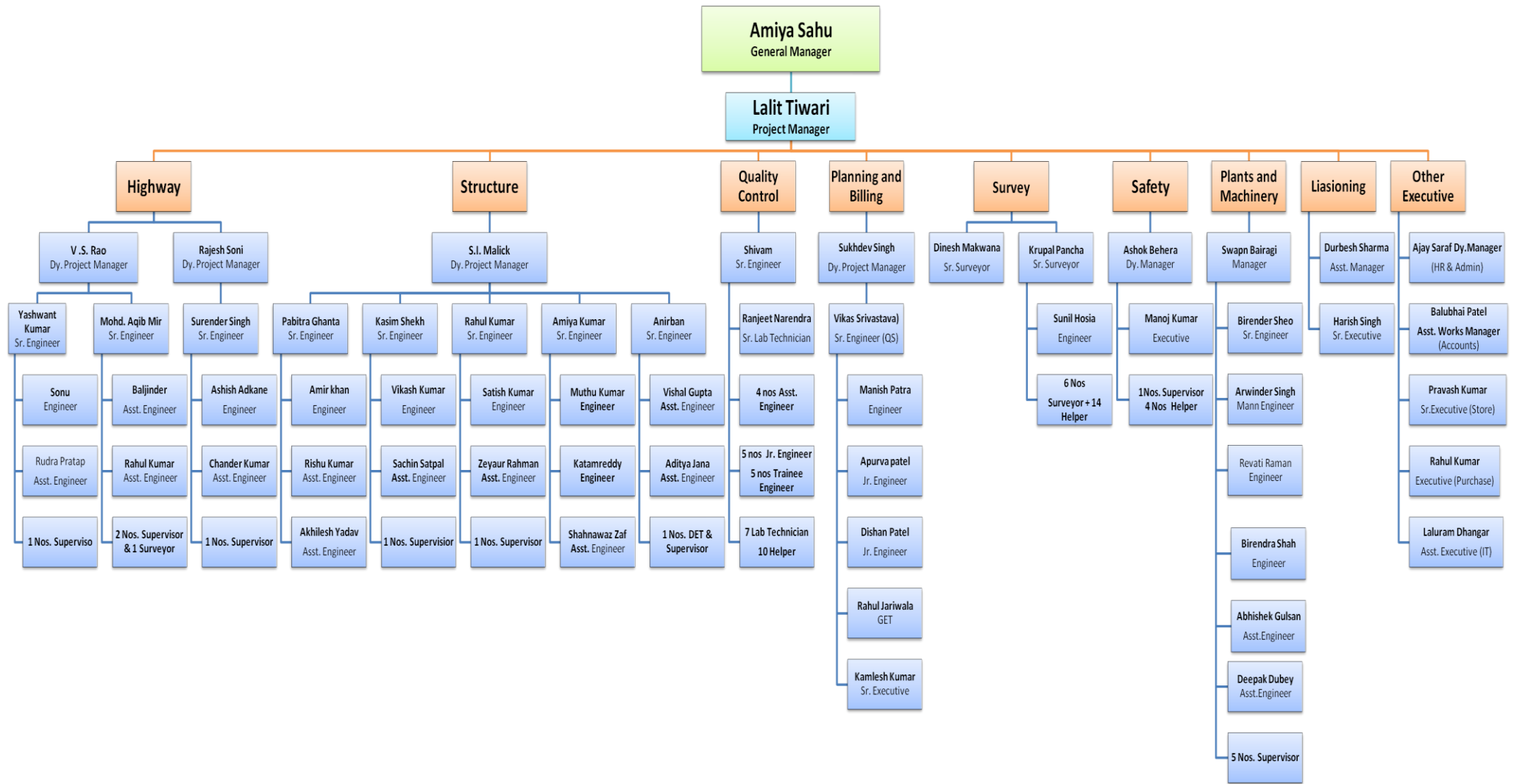
**C. Details of MCW:**

Sr. No.	Description	Length (in Km)
1	Embankment	30.52 Km
2	Sub grade	30.52 Km
3	G.S.B	30.52 Km
4	D.L.C	30.52 Km
5	P.Q.C	30.52 Km

**D. Details of Structures:**

S. No.	Type of Structure	Details
1	Major Bridge	01 Nos. – (6X42.20mtr)
2	Flyover	01 Nos. – (1X22.627+1X42.065+1X22.627mtr)
3	Interchange	02 Nos. (1X16.9+1X47.2+1X16.9mtr) & (1x48.2+2x (25+25+25.788mtr)
4	ROB	01 Nos. – (2X37.20mtr)
5	Minor bridges	09 Nos.
6	Vehicular underpass	05 Nos. – (1X12mtr)
7	Light Vehicular Underpasses	08 Nos. – (1X12mtr)
8	Culverts (HP/BC)	94 Nos. (42 Nos. Pipe / 52 Nos. Box)
9	CUP	34 Nos. (1X12mtr)
10	Vehicular Overpass	02 Nos. – (2x48.221mtr, 2X41.350mtr)
<b>Total</b>		<b>157</b>

**E. ORGANIZATION CHART**





**F. Details of Plant and Machinery Deployed:**

<b>Plant and Machinery Monthly Deployment Status</b>					
<b>Sl. No</b>	<b>Equipment</b>	<b>Unit</b>	<b>Avg. Planned</b>	<b>Actual</b>	<b>Remarks, If any</b>
1	Back Hoe Loader	Nos	11	22	
2	Excavator	Nos	19	37	
3	Motor Grader	Nos	19	28	
4	Vibratory Roller/Soil Compactor	Nos	19	39	
5	Wet Mix Paver	Nos	0	0	
6	Wet Mix Plant	Nos	0	1	
7	DLC Paver	Nos	0	1	
8	PQC Paver	Nos	0	1	
9	Hot Mix Plant	Nos	0	0	
10	Bitumen Paver	Nos	0	0	
11	Bitumen Sprayer	Nos	0	0	
12	Broomer	Nos	0	0	
13	Tandem Roller	Nos	0	0	
14	Pneumatic Tyre Roller	Nos	0	0	
15	Dumpers/Tippers	Nos	86	148	
16	FE Loaders/Dozer	Nos	5	10	
17	Water Tanker	Nos	19	48	
18	Compressor	Nos	0	0	
19	Concrete Batching Plant	Nos	1	10	CP-45 (2),CP-18, CP-65, CP-115, H6N240, CP-250,CP-30(3)
20	Transit Mixers	Nos	9	40	
21	Concrete Pump + Boom placer	Nos	2	3	
22	Kerb Machine	Nos	0	0	
23	Crusher - 250 MT	Nos	1	0	
24	Weigh Bridge	Nos	4	2	
25	Tractor	Nos	3	10	
26	Diesel Tanker	Nos	2	5	
27	Tempo	Nos	3	0	
28	Tower Light	Nos	4	8	
29	Hydra Crane	Nos	2	6	
30	Vibratory Rammer	Nos	2	0	
31	Dewatering Pump (Portable)	Nos	5	7	
32	Baby Roller	Nos	2	2	
33	Trailor / Platform Truck	Nos	1	6	
34	Vibrator (Needle Type)	Nos	4	12	
35	Kerb Cutter	Nos	2	0	
36	Pile Boring machines	Nos.	6	10	

**G. Details of Applicable Permits:**

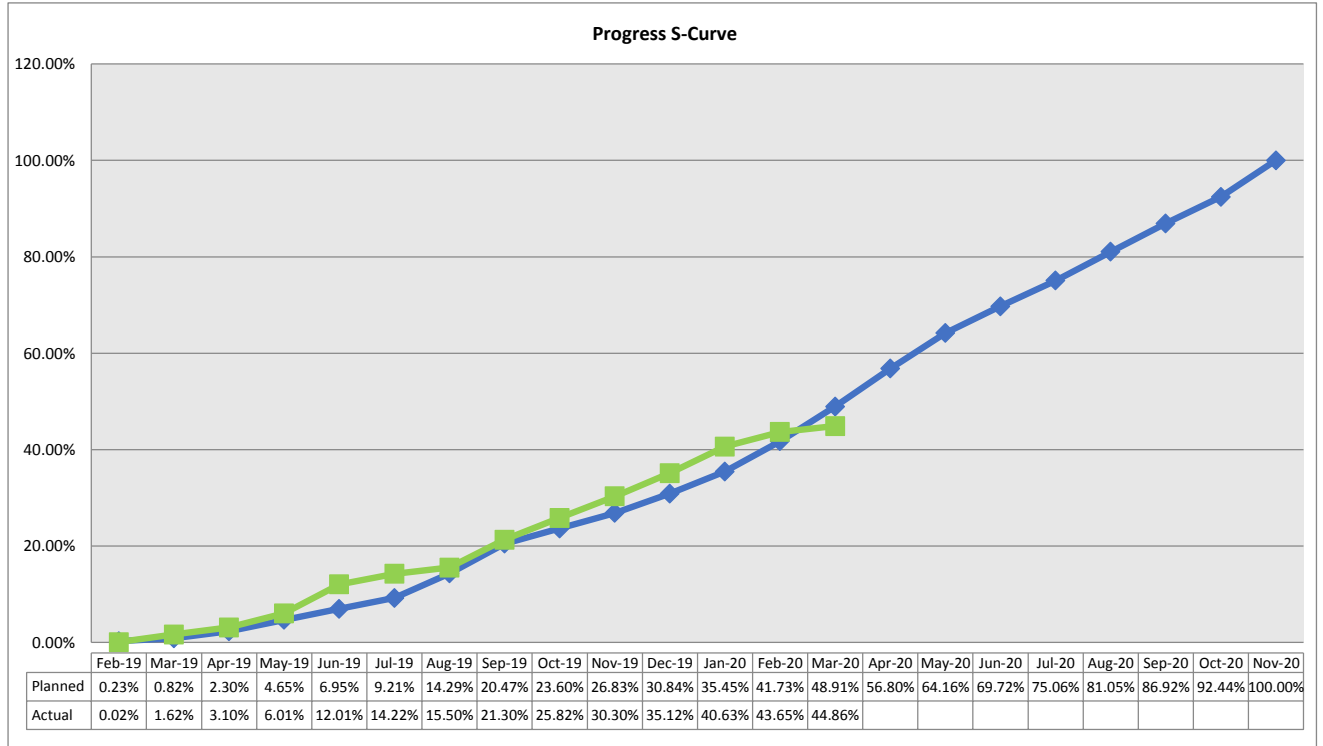
<b>Status of Applicable Permits (As per Schedule F) as on 31<sup>st</sup> March-20</b>				
Sl. No	Description	Status	Receiving Date	Remarks
1	Permission of the State Government for extraction of boulders from quarry for and in respect of at least 20 (twenty) percent of the total length of the project;	Received	06.12.2018	
2	Permission of Village Panchayats and Pollution Control Board for installation of crushers;	Received	16.10.2018	
3	License for use of explosives;	Received	16.01.2017	Valid up to 31.03.2023
4	Permission of the State Government for drawing water from river/reservoir;	NA	NA	As per CGWA guidelines, for ground water extraction up to 100 cum /day NOC not required.
5	License from inspector of factories or other competent authority for setting up batching plant;	Applied		
6	Clearance of Pollution Control Board for setting up batching plant;	Received	20/04/2019	
7	Clearance of Village Panchayats and Pollution Control Board for setting up asphalt plant;	NA	NA	
8	Permission of Village Panchayats and State Government for borrow earth	Received		Submitted with relevant Borrow Area.
9	Other permits or clearances required under Applicable Laws.	NA	NA	

#### IV. Project Progress

##### A. Physical Progress:

The Physical percentage of the work done calculated is based on the assigned weight-ages revised on 04/11/2019 to the overall scope of the work.

The physical percentage achieved is 44.86% as on 21.03.2020.



Given below is the summary of status of the works executed as 21.03.2020

##### B. Highway Progress:

Sr. No.	Item	Unit	Scope of work	Completed	Work in Progress	Balance work
1	C & G	Km	30.52	29.96	0.56	
2	Embankment	Km	30.52	22.0	7.80	0.72
3	Sub grade	Km	30.52	12.30	6.0	12.220
4	GSB	Km	30.52	6.8	2.0	21.72
5	DLC	Km	30.52	4.005	0.55	25.965
6	PQC	Km	30.52	0	0	30.52

Refer **Annexure 1:** Calculation of Physical Progress and **Annexure -3:** Strip Plan showing progress of Expressway for details.



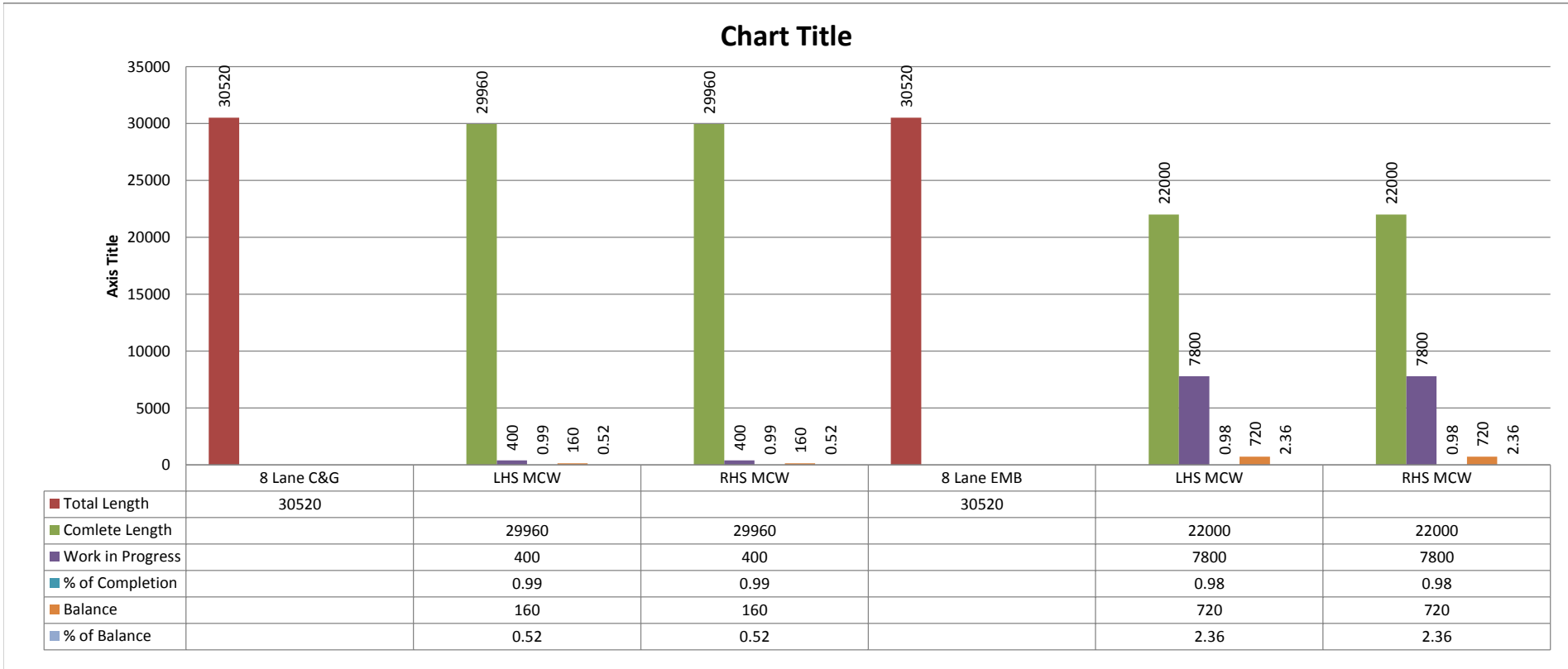
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National Highway Authority of India (NHDP Phase VI)  
IRCON International Limited

**C. Structure Progress:**

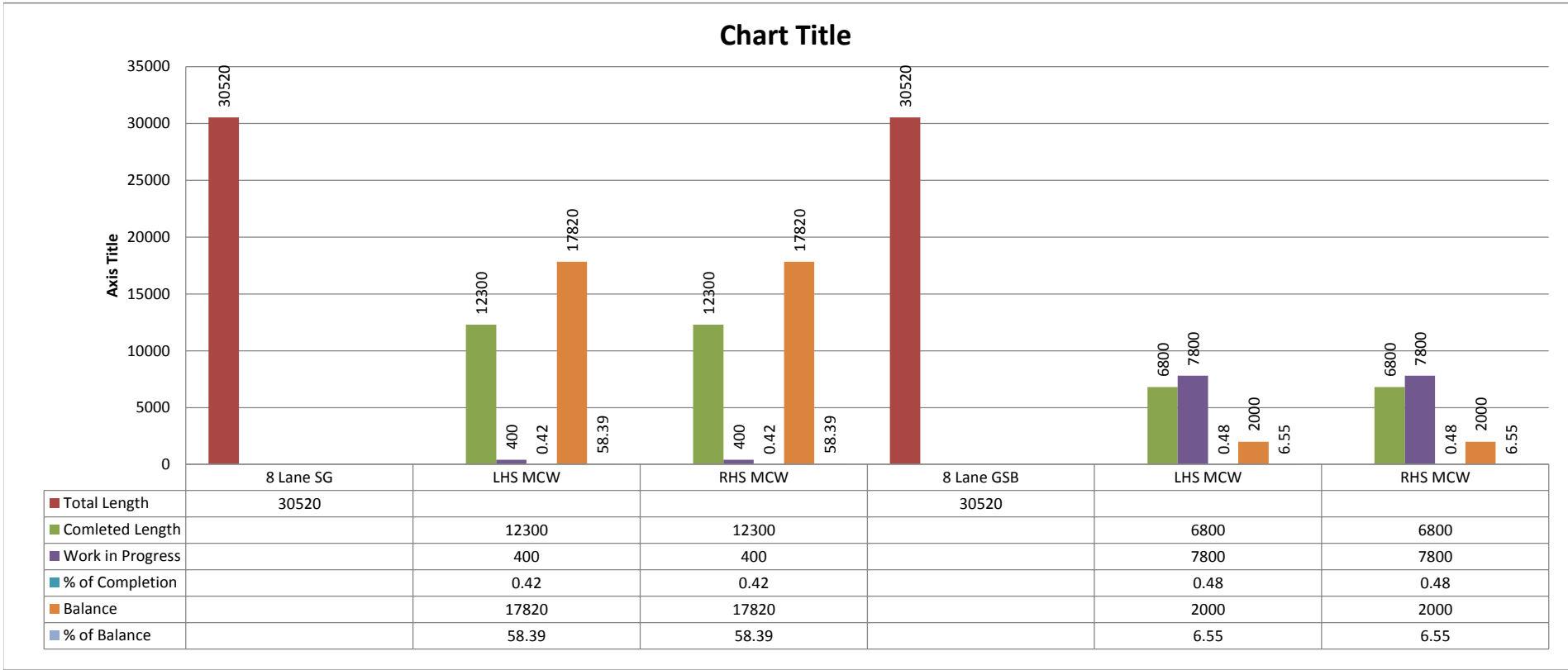
SR. No	Type Of Structure	Total No. of Structure as per CA	Completed Structure	No of Work in progress of structure	Structure To be Taken.	Remarks
1	HPC	42	42	0	0	1.) Pipe laid in 80 (m) length
2	BOX Culvert	52	25	16	11	1.) 27 nos Raft Completed and 54 Nos Wall Completed, and At location 25 Slab Completed
3	Flyover	1	0	1	0	1.) At Location 344+360 All Pile completed. 8 Pile caps completed, 2 Abutment cap & 2 Pier cap Completed
4	ROB	1	0	0	1	Not Started, Approval pending
5	MJB	1	0	1	0	1.) At Location 336+810, 4 pile cap completed, Foundation work and substructure work is in progress
6	MNB	9	2	7	0	Pile work completed. Substructure is in progress.
8	Interchange	2	0	2	0	1.) At location 324+074, Pile and Pile cap completed. Substructure work in progress. 2.) At location 353+666, Pile cap Completed and substructure work is in progress.
9	VOP	2	0	2	0	1.) At Location 349+441, Pile, Pile cap and Pier cap completed. 2.) At Location 326+957, Pile & Pile cap completed
10	LVUP	8	6	2	0	1.) Substructure Completed & Superstructure work is in progress.
11	VUP	5	5	0	0	1.) Substructure completed & Superstructure work is in progress.
12	P/CUP	34	23	11	0	1.) Foundation of 34 nos. Completed, 30.5 Wall completed and 23 Slabs Completed.
<b>Total</b>		<b>157</b>	<b>103</b>	<b>42</b>	<b>12</b>	

Refer **Annexure 1:** Calculation of Physical Progress and **Annexure -3:** Strip Plan showing progress of Expressway for details

Highway Bar Chart							21.03.2020
S.No.	Type of Work	Total Length	Complete Length	Work in Progress	% of Completion	Balance	% of Balance
1	8 Lane C&G	30520					
2	LHS MCW		29960	400	0.99	160	0.52
3	RHS MCW		29960	400	0.99	160	0.52
4	8 Lane EMB	30520					
5	LHS MCW		22000	7800	0.98	720	2.36
6	RHS MCW		22000	7800	0.98	720	2.36

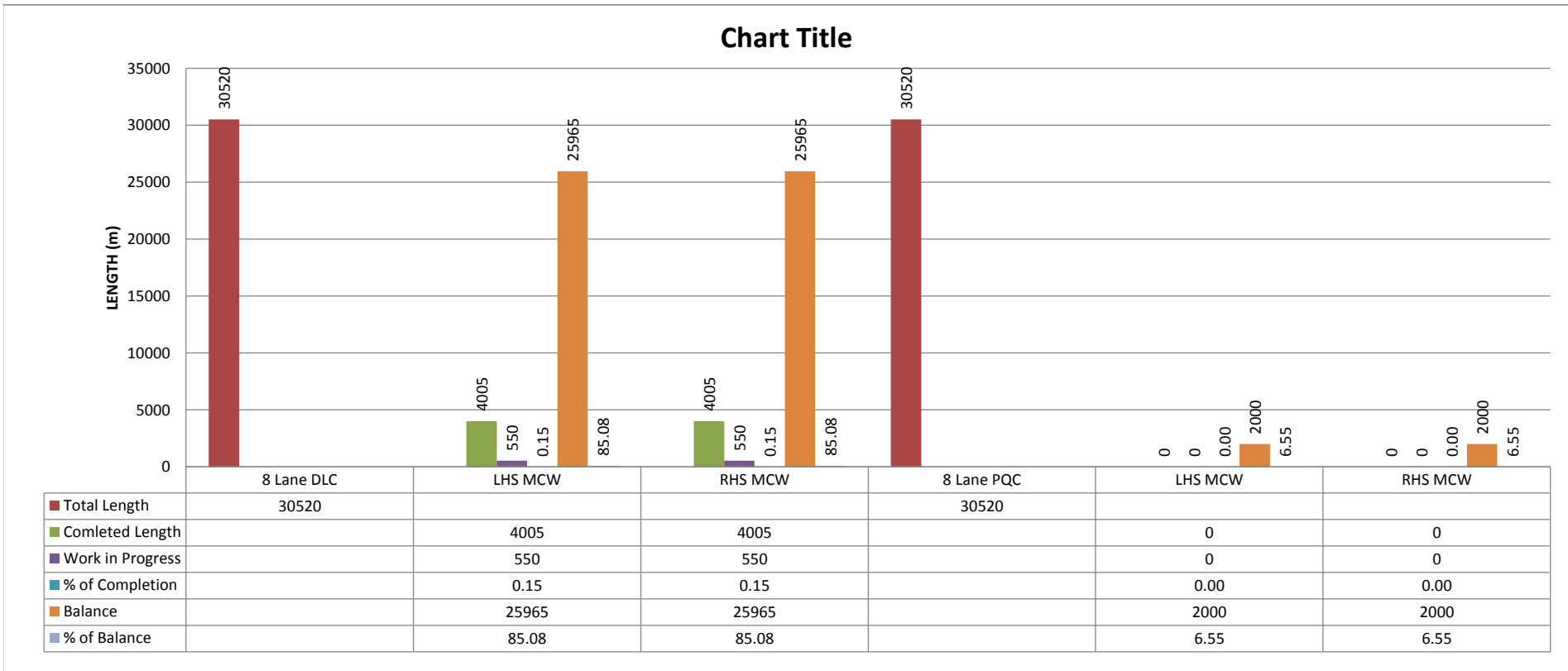


Highway Bar Chart							21.03.2020
S.No.	Type of Work	Total Length	Completed Length	Work in Progress	% of Completion	Balance	% of Balance
1	8 Lane SG	30520					
2	LHS MCW		12300	400	0.42	17820	58.39
3	RHS MCW		12300	400	0.42	17820	58.39
4	8 Lane GSB	30520					
5	LHS MCW		6800	7800	0.48	2000	6.55
6	RHS MCW		6800	7800	0.48	2000	6.55





Highway Bar Chart							31.03.2020
S.No.	Type of Work	Total Length	Completed Length	Work in Progress	% of Completion	Balance	% of Balance
	8 Lane DLC	30520					
	LHS MCW		4005	550	0.15	25965	85.08
	RHS MCW		4005	550	0.15	25965	85.08
	8 Lane PQC	30520					
	LHS MCW		0	0	0.00	2000	6.55
	RHS MCW		0	0	0.00	2000	6.55



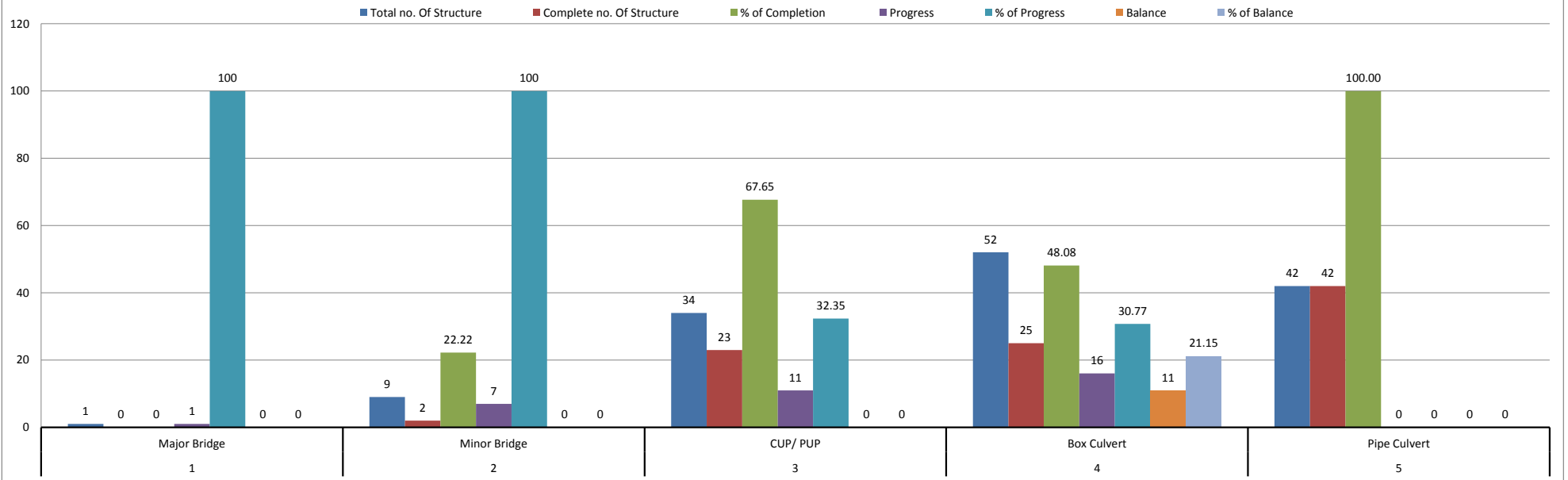
## STRUCTURE BAR CHART

Structure Work :- Flyover, PUP, VUP, & ROB

Status as on 21.03.2020

S.no.	Types Of work	Total no. Of Structure	Complete no. Of Structure	% of Completion	Progress	% of Progress	Balance	% of Balance
1	Major Bridge	1	0	0	1	100	0	0
2	Minor Bridge	9	2	22.22	7	100	0	0
3	CUP/ PUP	34	23	67.65	11	32.35	0	0
4	Box Culvert	52	25	48.08	16	30.77	11	21.15
5	Pipe Culvert	42	42	100.00	0	0	0	0

Chart Title

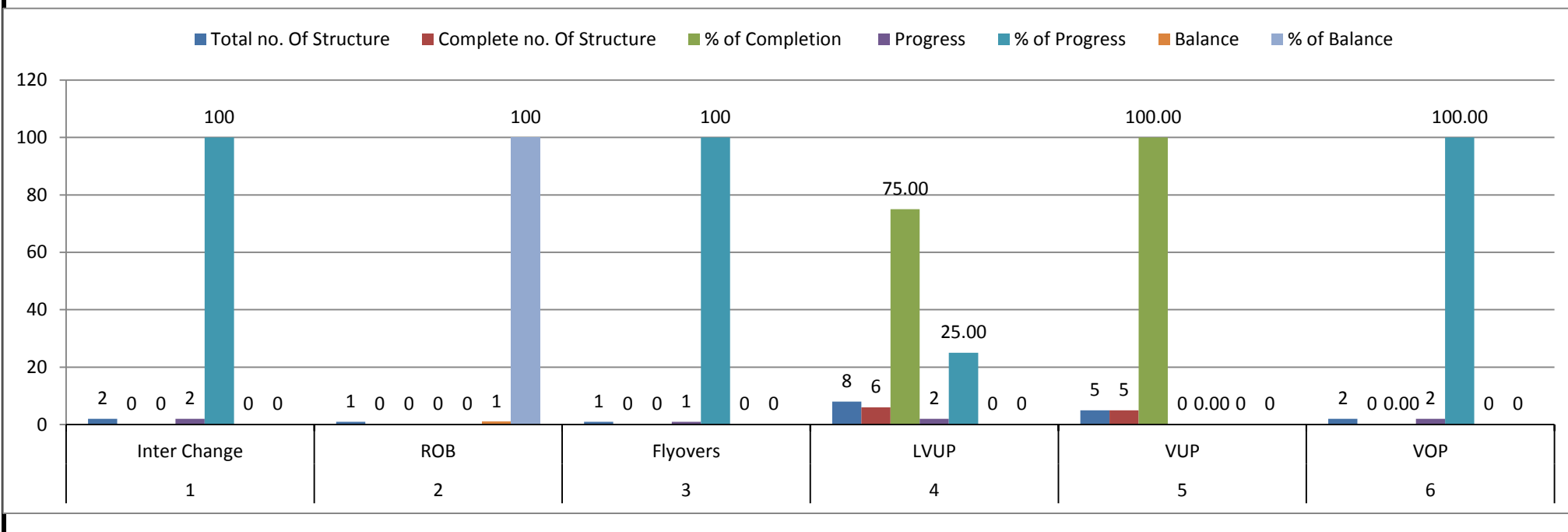


# STRUCTURE BAR CHART

Structure Work :- Flyover, PUP, VUP, & ROB

Status as on 21.03.2020

S.no.	Types Of work	Total no. Of Structure	Complete no. Of Structure	% of Completion	Progress	% of Progress	Balance	% of Balance
1	Inter Change	2	0	0	2	100	0	0
2	ROB	1	0	0	0	0	1	100
3	Flyovers	1	0	0	1	100	0	0
4	LVUP	8	6	75.00	2	25.00	0	0
5	VUP	5	5	100.00	0	0.00	0	0
6	VOP	2	0	0.00	2	100.00	0	0



## V. Status of Land Acquisition

- Total land for which compensation was paid by NHAI/CALA as on 31.03.2020 is **97 %** i.e. **31.025 Km.** out of total 32km.
- Length of various utilities(hindrances) falling in the Total length of 32 km is **3.675 Km**

Details of above utilities and their affected length of road are given below.

Details of Hindrances	Hindered Length in meter	Remarks
Total Hindered length due to Electrical Utilities	2310	Annexure 4A
Total Hindered length due to water pipeline etc.	255	Annexure 4B
Total Hindered Area due to Disputed Land	975	Annexure 4C
Permanent Structures	135	Annexure 4D
<b>Grand Total</b>	<b>3675</b>	

- Net unencumbered/Unhindered length of road as on 31.03.2020 is =  $32.000 - 3.675 = 28.325$  km. i.e, 88.52%. There are total 112 no. of gaps of hindrances throughout the project length and around at every 300m interval gap is there due to hindrances.
- Action taken by M/s. PIL: We are continuously corresponding with Concessionaire and related Authorities for shifting of utilities and Land acquisition Issues.

## VI. UTILITY SHIFTING

<b>Status of Utilities in Package II of Vadodara Kim Expressway</b>		
<b>Date</b>	<b>31.03.2020</b>	
<b>Utilities</b>	<b>Nos.</b>	<b>Status</b>
MGVCL	-	Out of total 44 Estimates, 39 Estimates approved by RO office on 22.11.2019 while balance 5 Estimates approved by RO office on 17.12.2019. MGVCL demanded 15% of estimate value as supervision charge while NHAI calculated supervision charges of MGVCL @2.5% of estimate value which is till date not acceptable by MGVCL.
GETCO	8	GETCO Estimates approved by RO office on 05.12.2019. Demand Draft (DD) towards supervision charges deposited by PIU, Bharuch on 19.12.2019 which was returned by GETCO with some observations on 24.12.2019. PIU, Bharuch re-submitted DD towards supervision charges on 07.01.2020. GETCO immediately returned DD with a letter saying that Estimates validity period has expired and need to be re-initiated by GETCO on request from NHAI. GETCO sent revised estimate to PIU Bharuch on 30.01.2020.
PGCIL	1	PGCIL sent Estimates to PIU, Bharuch on 18.10.2019 which was forwarded to IE on 01.11.2019. IE recommended the Estimates on 13.11.2019. As desired by IE & PIU, Bharuch, PGCIL submitted justifications for any variation in Contingency, Overhead, Supervision etc. from NHAI guidelines on 09.12.2019 and RO Office approved the estimate on 21.01.2020.
TORRENT	1	Final revised estimates along with all compliances to the observations on previous estimates was submitted by Torrent to PIU, Bharuch on 29.11.2019 which was forwarded to IE by PIU, Bharuch vide email on 19.12.2019. IE recommended the estimates on 20.12.2019. Approval from RO office is awaited.
GWSSB	4	IE vide letter dated 16.08.2019, reviewed the estimates submitted by GWSSB & forwarded by NHAI, PIU Bharuch and recommended to PIU Bharuch for approval. PIU Bharuch vide letter dated 04.10.2019 raised some observations on the estimates to GWSSB which is complied by GWSSB on 08.11.2019 by GWSSB. PIU, Bharuch forwarded the compliances submitted by GWSSB to IE on 11.11.2019 which was once again recommended by IE to PIU on 22.11.2019. DD towards supervision charges deposited by PIU on 08.01.2020.
ONGC	10	After conducting survey of lines by ONGC nominated committee on 07.08.2019, a meeting was held on 09.08.2019 at their Ankleshwar office for some clarification. Discussed the matter of getting "work permission" from ONGC with their GM Sh. Rao on 17.09.2019 and came to know that because of ONGC well which is coming at a distance of 10 metre from our ROW as against 50 metre as desired by ONGC, the matter has been referred to Ministry of Petroleum for further guidance. On pursuance by Concessionaire, a meeting is scheduled on 13.01.2020 with CGM and operation head on how to expedite the approval process.
GAIL	3	As per advise of PIU/NHAI, Concessionaire has sent a request letter along with GADs of affected structures to PIU/NHAI for further intimation to GAIL Authorities regarding the construction of these affected structures. PIU Bharuch also sent duly signed GADs of affected structures to GAIL. As desired by GAIL DGM Sh. Soni, a presentation giving details of pipelines and proposed structures along with their coordinates has been sent to GAIL. Site visit by GAIL representatives done. GAIL has issued two letters to PIU Bharuch for Saraswani and interchange at Padra respectively on 05.11.2019 which was replied by PIU on 20.12.2019. GAIL further sent a demand note for deposition of supervision and other charges on 23.12.2019 and PIU Bharuch deposits supervision charge on 25.01.2020.
GSPL	2	Agreement signed between NHAI & GSPL. NOC received from GSPL.

## VII. STATUS OF DESIGN & DRAWING

Sr. No	Type of Structure	Total scope (Nos)	Nos. of structures Submitted to IE	Nos. of structures Approved by IE	Nos. of structures Balance to be reviewed by IE	Chainage	Submitted to IE/IRCON on	Comments from IE/IRCON on	Compliance given on
1	Interchange	2	2	1	1	323+075	PIL/HO/VKE2/IRCON/577/2019 Dt. 13.08.2019	M.O.M. dated 23.09.19 to 26.09.19	Via mail to IE HO designer dated 12.10.2019
						353+666	PIL/HO/VKP2/IRCON/580/2019 dt. 17.08.2019	M.O.M. dated 23.09.19 to 26.09.19	<u>PIL-HO-VKP2-IRCON-695-2019 Dt. 16.11.2019</u>
2	Major Bridge	1	1	0	1	336+830	Submitted to IE-HO By SES by mail of dt. 19.06.2019	IRCON/3019/VKE/PAT EL/847 dt. 24.09.2019	-
3	VOP	2	2	0	2	326+957	PIL/HO/VKP2/IRCON/604/2019 Dt. 28.08.2019	-	-
						349+441	PIL/HO/VKP2/IRCON/183/2019 dt. 20.03.2019	IRCON/3019/VKE/PAT EL/370 dt. 03.05.2019	PIL/HO/VKP2/IRCON/638/2019 Dt. 04.10.2019
4	Minor Bridge	9	9	4	5	324+193	PIL/HO/VKP2/IRCON/ 765/2019 Dt. 17.12.2019	-	



Construction of Eight lane Vadodara Kim Expressway from Km 323.00 to Km 355.00  
National Highway Authority of India (NHDP Phase VI)  
IRCON International Limited

					329+062	PIL/VKP2/IRCON/308/2019 dt. 28.11.2019	IE Letter no. 459 - 31.05.2019 & IRCON letter no. 489 dt.11.06.2019	PIL/HO/VKE2/IRCON/4 95/2019 Dt. 01.07.2019
					330+630	PIL/HO/VKE2/IRCON/ 676/2019 Dt. 06.11.2019	IRCON letter no. 993 dt. 28.11.2019	
					337+874	PIL/VKP2/IRCON/309/2019 dt. 28.11.2019	-	-
					343+500	PIL/HO/VKE2/IRCON/ 671/2019 Dt. 05.11.2019	IRCON/3019/VKE/PAT EL/4092 dt. 26.11.2019	-
					346+743	R1 -PIL/HO/VKE2/IRCON/563/2019 Dt. 07.08.2019	IRCON/3019/VKE/PAT EL/1039 dt. 09.12.2019 (For GT)	
					350+143	PIL/HO/VKP2/IRCON/324/2019 Dt. 09.05.2019	IRCON/3019/VKE/PAT EL/495 dt. 11.06.2019, IE letter no. 482 - 06.06.2019	
					350+201	PIL/HO/VKE2/IRCON/ 693/2019 Dt. 14.11.2019	IRCON/3019/VKE/PAT EL/1066 dt. 16.12.2019	

Construction of Eight lane Vadodara Kim Expressway from Km 323.00 to Km 355.00  
National Highway Authority of India (NHDP Phase VI)  
IRCON International Limited

						354+636	PIL/HO/VKP2/IE/787/2019 Dt. 24.12.2019 (GFC)	-	-
5	Flyover	1	1	0	1	344+360	PIL/HO/VKE2/IRCON/593/2019 Dt. 23.08.2019 & 597 Dt. 26.08.2019	M.O.M. dated 23.09.19 to 26.09.19	-
6	ROB	1	1	0	1	352+945	PIL/HO/VKP2/IRCON/520/2019 Dt. 15.07.2019 & PIL/HO/VKP2/IRCON/579/2019 Dt. 17.08.2019	-	-
7	VUP	5	5	5	0	330+402	PIL/HO/VKE2/IRCON/533/2019 Dt. 20.07.2019	IRCON/3019/VKE/PAT EL/853 dt. 27.09.2019 for bar No. 16	-
						331+822	PIL/HO/VKE2/IRCON/501/2019 Dt. 02.07.2019	IRCON letter no. 497 dt. 11.06.2019	PIL/HO/VKE2/IRCON/5 01/2019 Dt. 02.07.2019
						335+402	Submitted to IE-Ho By SES by mail of dt. 28.05.2019	-	-
						341+826	PIL/HO/VKE2/IRCON/501/2019 Dt. 02.07.2019	IRCON letter no. 497 dt. 11.06.2019	PIL/HO/VKE2/IRCON/5 09/2019 Dt. 10.07.2019
						351+284	PIL/HO/VKE2/IRCON/501/2019 Dt. 02.07.2019	IRCON letter no. 497 dt. 11.06.2019	PIL/HO/VKE2/IRCON/5 01/2019 Dt. 02.07.2019

Construction of Eight lane Vadodara Kim Expressway from Km 323.00 to Km 355.00  
National Highway Authority of India (NHDP Phase VI)  
IRCON International Limited

8	LVUP	8	8	2	6	-	4 nos. submitted by mail on dt. 26.05.2019, 2 nos. submitted by letter no. 519 dt. 12.07.2019, 2 nos. (High Skew angle) submitted by letter dated 15.03.2019	2 nos. Approved by IRCON Letter no. 758 dt. 23.08.2019 (343+877 & 354+855)	-
9	PUP/CUP	34	34	30	4	-	26 nos. submitted by letter no. 381 dated 28.05.2019, 4 nos. submitted by Mail on date 29.05.2019, 3 nos. by mail dt 26.05.2019, 1 nos. by mail dt. 28.05.2019	26 Nos. (IE letter no. 471 dt. 01.06.2019, IRCON letter no. 492 dt. 11.06.2019), 4 Nos. (IE letter no. 470 dt. 01.06.2019, IRCON letter no. 491 dt. 11.06.2019)	-
10	Box Culvert	52	48	20	28	-	20 nos. bt letter no. 371 dt. 24.05.2019, 4 nos. by mail dt. 01.06.2019, 4 nos. by mail dt. 15.05.2019, 1 nos. by mail dt. 16.05.2019, 9 nos. by mail dt. 28.05.2019, 3 nos. by mail dt. 29.05.2019, 7 nos. by mail dt. 31.05.2019	20 nos. approved in M.O.M - 14.05.2019 to 17.05.2019	-
11	Pipe Culvert	42	42	42	0	-	42 Nos. Submitted by PIL/HO/VKE2/IRCON/362/2019 Dt. 24.05.2019	42 nos. IRCON/3019/VKE/PAT EL/476 dt. 06.06.2019	42 Nos. Submitted by PIL/HO/VKE2/IRCON/499/2019 Dt. 02.07.2019
	<b>Total =</b>	<b>244</b>	<b>197</b>	<b>130</b>	<b>49</b>				

## VIII. Weather report for the month of March'20

S. No.	DATE	TEMPRATURE (°C)		HUMIDITY (%)		RAINFALL (mm)	CUMMULATIVE RAINFALL	WEATHER
		Min.	Max.	Min.	Max.			
1	1-Mar-20	22.30	37.70	29.00	75.00	-	-	Sunny
2	2-Mar-20	21.80	32.40	29.00	81.00	-	-	Sunny
3	3-Mar-20	22.30	31.60	44.00	83.00	-	-	Sunny
4	4-Mar-20	22.30	30.40	30.00	83.00	-	-	Sunny
5	5-Mar-20	22.30	31.60	30.00	83.00	-	-	Sunny
6	6-Mar-20	21.10	31.60	30.00	83.00	-	-	Sunny
7	7-Mar-20	20.20	29.70	21.00	58.00	-	-	Sunny
8	8-Mar-20	20.20	31.20	26.00	56.00	-	-	Sunny
9	9-Mar-20	20.20	31.70	26.00	69.00	-	-	Sunny
10	10-Mar-20	20.20	32.50	26.00	69.00	-	-	Sunny
11	11-Mar-20	20.20	32.50	26.00	71.00	-	-	Sunny
12	12-Mar-20	19.60	32.50	23.00	71.00	-	-	Sunny
13	13-Mar-20	18.60	27.30	32.00	60.00	-	-	Sunny
14	14-Mar-20	19.10	29.90	19.00	52.00	-	-	Sunny
15	15-Mar-20	20.10	31.00	17.00	42.00	-	-	Sunny
16	16-Mar-20	21.10	31.50	19.00	54.00	-	-	Sunny
17	17-Mar-20	21.40	32.20	24.00	74.00	-	-	Sunny
18	18-Mar-20	22.40	32.60	24.00	72.00	-	-	Sunny
19	19-Mar-20	20.10	35.70	17.00	73.00	-	-	Sunny
20	20-Mar-20	21.10	34.50	18.00	72.00	-	-	Sunny
<b>Cumulative Rainfall Till Date</b>							-	<b>mm</b>

**IX. Status of RFI**

<b><u>MONTH :- March - 2020.</u></b>				
<b>Sr.No.</b>	<b>Total RFI</b>	<b>Approved RFI</b>	<b>RFI Re-submitted after corrections suggested</b>	<b>Remarks</b>
<b><u>Highway</u></b>				
1	489	431	58	
<b><u>Structure</u></b>				
2	218	192	26	
<b><u>Laboratory (QA/QC)</u></b>				
3	16	16	0	
<b><u>Survey</u></b>				
4	0	0	0	

**Construction of Eight Lane Vadodara Kim Expressway from Km 323.00 to Km 355.00 (Sanpa to Padra Section of Vadodara Mumbai Expressway) in the State of Gujarat under NHDP Phase - VI on EPC Mode**

**Physical Progress**

Concessionair :- IRCON VADODARA-KIM EXPRESSWAY PVT LTD

EPC Contractor:- Patel Infrastructure Ltd.

Date:- 21/03/2020

Sl. No	Task	Unit	Total Qty	Rev. Wt%	Achieved Qty	% Progress
<b>1</b>	<b>Road Works</b>					
	Clearing and grubbing of -MCW	Km	30.52	0.045%	29.96	0.04%
	Construction of embankment upto 1 mtr	Km	30.52	5.54%	26.80	4.87%
	Construction of embankment from 1 mtr - 2 mtr	Km	30.52	4.60%	23.80	3.59%
	Construction of embankment from 2 mtr - 3 mtr	Km	30.52	3.68%	22.40	2.70%
	Construction of embankment from 3 mtr - Emb Top	Km	30.52	4.60%	22.00	3.31%
	Construction of Sub grade - MCW	Km	30.52	1.84%	12.30	0.74%
	Constructing Grannular Sub-base	Km	30.52	3.26%	6.8	0.73%
	Medians	Km	30.52	0.12%		0.00%
	Shoulders	Km	64	0.06%	4.5	0.00%
	200mm dia. NP4 pipes	Km	30.52	0.5377%		
	DLC	Km	30.52	4.39%	4.005	0.58%
	PQC	Km	30.52	21.51%		
<b>2</b>	<b>Pipe Culverts</b>					
	Culvert Excavation	Nos	42	0.01%	42	0.01%
	Culvert PCC M15 grade	Nos	42	0.01%	42	0.01%
	Providing , laying and jointing NP4 Hume pipes for culverts	Nos	42	0.37%	42	0.37%
<b>3</b>	<b>Box Culvert</b>					
	Culvert Excavation	Nos	52	0.04%	41	0.03%
	Culvert PCC M15 grade	Nos	52	0.39%	41	0.31%
	Foundation RCC M 30 - Culvert	Nos	52	1.18%	27	0.61%
	Substructure RCC M 30 - Culvert	Nos	104	1.33%	54	0.69%
	Super Structure RCC M 30 - Culvert	Nos	52	0.73%	25	0.35%
<b>4</b>	<b>CUP/PUP</b>					
	Structure excavation Ordinary and soft Soils - PUP	Nos	34	0.09%	34	0.09%
	PUP - PCC M15 grade Levelling course	Nos	34	0.25%	34	0.25%
	PUP - RCC M35 Raft	Nos	34	2.77%	34	2.77%
	PUP RCC M35 Wall	Nos	68	1.22%	61	1.09%
	PUP - RCC M35 - TOP Slab	Nos	34	1.24%	23	0.84%
<b>5</b>	<b>LVUP/VUP</b>					
	Structure excavation Ordinary and soft Soils - VUP	Nos	13	0.04%	13	0.04%
	VUP - PCC M15 grade - Levelling course	Nos	13	0.10%	13	0.10%
	VUP - RCC M35 - Raft	Nos	13	1.10%	13	1.10%
	VUP - RCC M35 - WALL	Nos	26	0.76%	26	0.76%
	RCC M35 - TOP SLAB	Nos	13	0.35%	11	0.30%
<b>6</b>	<b>Connecting Roads</b>					
	Construction of Subgrade course	Km	4.385	0.08%		
	Construction of GSB Course	Km	4.385	0.17%		
	Constructing Wet Mix Macadam base	Km	4.385	0.22%		
	Dense Bituminous Macadam course- Connecting road	Km	4.385	0.23%		
	Bituminous Concrete - Connecting Road	Km	4.385	0.165%		
<b>7</b>	<b>Retaining Wall+Toe Wall</b>					
	Excavation of Retaining Wall + Toe Wall	Km	3.305	0.05%	3.05	0.04%
	PCC Retaining Wall + Toe Wall	Km	3.305	0.12%	2.800	0.10%
	Retaining Wall + Toe Wall	Km	3.305	4.69%	2.6	3.69%
<b>8</b>	<b>VOP at Chainage 326+957</b>					
	Excavation for foundation	Nos	3	0.001%	3	0.00%
	Pile Foundation	Nos	14	0.050%	14	0.05%
	Pile Foundation Cap	Nos	3	0.090%	3	0.09%
	Abutment	Nos	2	0.008%	2	0.01%
	PIER	Nos	1	0.004%	1	0.00%
	Abutment/Pier Cap	Nos	3	0.015%	3	0.01%
	Girder	Nos	8	0.032%	4	0.02%
	Deck Slab	Nos	2	0.075%	0	0.00%
	Finishing Works	Nos	1			



**Construction of Eight Lane Vadodara Kim Expressway from Km 323.00 to Km 355.00 (Sanpa to Padra Section of Vadodara Mumbai Expressway) in the State of Gujarat under NHDP Phase - VI on EPC Mode**

**Physical Progress**

Concessionair :- IRCON VADODARA-KIM EXPRESSWAY PVT LTD

EPC Contractor:- Patel Infrastructure Ltd.

Date:- 21/03/2020

Sl. No	Task	Unit	Total Qty	Rev. Wt%	Achieved Qty	% Progress
<b>9</b>	<b>VOP at Chainage 349+441</b>					
	Excavation for foundation	Nos	3	0.001%	3	0.00%
	Pile Foundation	Nos	21	0.050%	21	0.05%
	Pile Foundation Cap	Nos	3	0.090%	3	0.09%
	Abutment	Nos	2	0.008%	2	0.01%
	PIER	Nos	1	0.004%	1	0.00%
	Abutment/Pier Cap	Nos	3	0.015%	3	0.01%
	Girder	Nos	8	0.032%	5	0.02%
	Deck Slab	Nos	2	0.075%	0	0.00%
	Finishing Works	Nos	1			
<b>10</b>	<b>Flyover at Ch. 344+360</b>					
	Excavation for foundation	Nos	8	0.002%	8	0.00%
	Pile Foundation	Nos	92	0.542%	92	0.54%
	Pile Foundation Cap	Nos	8	0.083%	8	0.08%
	Abutment	Nos	16	0.044%	13	0.04%
	PIER	Nos	16	0.045%	13	0.04%
	Abutment/Pier Cap	Nos	8	0.103%	4	0.05%
	Girder	Nos	42	0.187%	8	0.04%
	Deck Slab	Nos	6	0.110%		
	Finishing Works	Nos	1			
<b>11</b>	<b>Major Bridge at Ch. 336+830</b>					
	Excavation for foundation	Nos	14	0.007%	14	0.01%
	Pile Foundation	Nos	228	1.522%	193	1.29%
	Pile Foundation Cap	Nos	14	0.165%	10	0.12%
	Abutment	Nos	4	0.118%	3	0.09%
	PIER	Nos	10	0.257%	5	0.13%
	Abutment/Pier Cap	Nos	14	0.192%		0.00%
	Girder	Nos	84	0.680%	4	0.03%
	Deck Slab	Nos	12	0.342%	0	0.00%
	Finishing Works	Nos	1			
<b>12</b>	<b>ROB at Ch. 352+926</b>					
	Excavation for foundation	Nos	6	0.005%		
	Pile Foundation	Nos	60	0.726%		
	Pile Foundation Cap	Nos	6	0.121%		
	Abutment	Nos	12	0.238%		
	PIER	Nos	6	0.025%		
	Abutment/Pier Cap	Nos	6	0.083%		
	Girder	Nos	40	1.230%		
	Deck Slab	Nos	4	0.051%		
	Finishing Works	Nos	1			
<b>13</b>	<b>Interchnage at Ch. 323+074</b>					
	Excavation for foundation & PCC	Nos	8	0.014%	8	0.01%
	Pile Foundation	Nos	80	1.813%	80	1.81%
	Pile Foundation Cap	Nos	8	0.341%	8	0.34%
	Abutment	Nos	12	0.369%	12	0.37%
	PIER	Nos	12	0.123%	12	0.12%
	Abutment/Pier Cap	Nos	8	0.189%	6	0.14%
	Girder	Nos	42	0.455%	26	0.28%
	Deck Slab	Nos	6	0.204%		
	Finishing Works	Nos	1	0.000%		
<b>14</b>	<b>Interchange at Ch. 353+666</b>					
	Excavation for foundation & PCC	Nos	16	0.014%	16	0.01%
	Pile Foundation	Nos	200	2.719%	200	2.72%
	Pile Foundation Cap	Nos	16	0.341%	16	0.34%
	Abutment	Nos	14	0.061%	13	0.06%
	PIER	Nos	42	0.306%	39	0.28%
	Abutment/Pier Cap	Nos	16	0.189%	6	0.07%
	Girder	Nos	84	0.455%	32	0.17%
	Deck Slab	Nos	14	0.273%		
	Finishing Works	Nos	1	0.000%		

**Construction of Eight Lane Vadodara Kim Expressway from Km 323.00 to Km 355.00 (Sanpa to Padra Section of Vadodara Mumbai Expressway) in the State of Gujarat under NHDP Phase - VI on EPC Mode**

**Physical Progress**

Concessionair :- IRCON VADODARA-KIM EXPRESSWAY PVT LTD

EPC Contractor:- Patel Infrastructure Ltd.

Date:- 21/03/2020

Sl. No	Task	Unit	Total Qty	Rev. Wt%	Achieved Qty	% Progress
<b>15</b>	<b>Minor Bridge at Ch. 324+193</b>					
	Pile Foundation	Nos	32	0.320%	32	0.32%
	Pile Foundation Cap	Nos	4	0.121%	4	0.12%
	Abutment (RCC Wall Type)	Nos	4	0.114%	4	0.11%
	Abutment/Pier Cap	Nos	4	0.060%	2	0.03%
	Girder	Nos	14	0.069%	4	0.02%
	Deck Slab	Nos	2	0.088%	0	0.00%
	Finishing Works	Nos	1			
<b>16</b>	<b>Minor Bridge at Ch. 329+062</b>					
	Excavation for foundation	Nos	1	0.024%	1	0.02%
	PCC	Nos	1	0.070%	1	0.07%
	Raft	Nos	1	0.235%	1	0.24%
	Wall	Nos	2	0.146%	2	0.15%
	Slab	Nos	1	0.088%	1	0.09%
	Finishing Works	Nos	1	0.054%	0	0.00%
<b>17</b>	<b>Minor Bridge at Ch. 330+630</b>					
	Pile Foundation	Nos	72	0.320%	72	0.32%
	Abutment	Nos	72	0.121%	62	0.10%
	Abutment/Pier Cap	Nos	8	0.114%	4	0.06%
	Girder	Nos	56	0.060%	20	0.02%
	Deck Slab	Nos	4	0.069%		
	Finishing Works	Nos	1	0.088%		
<b>18</b>	<b>Minor Bridge at 337+874</b>					
	Excavation for foundation	Nos	1	0.024%	1	0.02%
	PCC	Nos	1	0.070%	1	0.07%
	Raft	Nos	1	0.235%	1	0.24%
	Wall	Nos	2	0.146%	2	0.15%
	Slab	Nos	1	0.088%	1	0.09%
	Finishing Works	Nos	1	0.054%	0.5	0.03%
<b>19</b>	<b>Minor Bridge at 343+566</b>					
	Pile Foundation	Nos	125	0.320%	125	0.32%
	Abutment	Nos	125	0.121%	117	0.11%
	Abutment/Pier Cap	Nos	8	0.114%	4	0.06%
	Girder	Nos	109	0.060%	24	0.01%
	Deck Slab	Nos	8	0.069%	0	0.00%
	Finishing Works	Nos	1	0.088%	0	0.00%
<b>20</b>	<b>Minor Bridge at 346+743</b>					
	Excavation for foundation	Nos	1	0.024%	1	0.02%
	PCC	Nos	1	0.070%	1	0.07%
	Raft	Nos	1	0.235%	1	0.24%
	Wall	Nos	2	0.146%	2	0.15%
	Slab	Nos	1	0.088%	1	0.09%
	Finishing Works	Nos	1	0.054%		
<b>21</b>	<b>Minor Bridge at Ch. 350+143</b>					
	Pile Foundation	Nos	28	0.101%	28	0.10%
	Abutment	Nos	28	0.121%	25	0.11%
	Abutment/Pier Cap	Nos	4	0.114%	2	0.06%
	Girder	Nos	14	0.060%	2	0.01%
	Deck Slab	Nos	2	0.069%		
	Finishing Works	Nos	1	0.088%		
<b>22</b>	<b>Minor Bridge at Ch. 350+201</b>					
	Excavation for foundation	Nos	4	0.024%	4	0.02%
	PCC	Nos	4	0.070%	4	0.07%
	Raft	Nos	4	0.235%	4	0.24%
	Wall	Nos	4	0.147%	2	0.07%
	Slab	Nos	2	0.108%	0	0.00%
	Finishing Works	Nos	1	0.034%		

Construction of Eight Lane Vadodara Kim Expressway from Km 323.00 to Km 355.00 (Sanpa to Padra Section of Vadodara Mumbai Expressway) in the State of Gujarat under NHDP Phase - VI on EPC Mode						
Physical Progress						
Concessionair :- IRCON VADODARA-KIM EXPRESSWAY PVT LTD					Date:- 21/03/2020	
EPC Contractor:- Patel Infrastructure Ltd.						
Sl. No	Task	Unit	Total Qty	Rev. Wt%	Achieved Qty	% Progress
<b>23</b>	<b>Minor Bridge at Ch. 354+636</b>					
	Pile Foundation	Nos	56	0.320%	56	0.32%
	Abutment	Nos	56	0.121%	46	0.10%
	Abutment/Pier Cap	Nos	8	0.114%	6	0.09%
	Girder	Nos	50	0.060%	25	0.03%
	Deck Slab	Nos	4	0.069%		
	Finishing Works	Nos	1	0.088%		
<b>24</b>	<b>Toll Plaza</b>					
	Operation & Office building at toll plaza	Nos	2	1.865%		
	Roof over Toll plaza	Nos	2	0.205%		
	Providing and fixing of Tool booth	Nos	2	0.040%		
	Toll plaza sign boards	Nos	2	0.155%		
	Toll Plaza Facilities	Nos	2	0.159%		
<b>25</b>	<b>DRAINAGE</b>					
	Construction of Drains	Km	30.52	1.197%		
<b>26</b>	<b>Traffic signs, Road markings and other road appurtunences</b>					
	Road signs, markings, Km stones, Road Delineators, Reflective Pavement Markers & Solar Studs, Traffic Impact Attenuators, Road Boundary Stone, Kilometer and Hectometer Stone	km	32	0.451%		
	Pavement marking	km	64	0.228%		
	Providing and erecting " Thrie " metal beam crash barrier	km	30.52	1.190%		
<b>27</b>	<b>Project facilities</b>					
	Wayside Amenities/Service Area	LS	2	0.883%		
	Providing <b>operational and maintenance Center</b>	Nos	2	0.442%		
	Providing lighting including all	KM	32	0.077%		
	Providing Advanced Traffic Management Systems (ATMS)	Km.	32	0.565%		
	Providing & Placing Noise Barrier	Km	9.3	0.290%		
	Providing Rain Water Harvesting	Km	62	0.062%		
	Providing Chain Link Fencing in ROW	Km	30.52	1.190%		
	Providing min 600 mm dia NP4 pipes across the road for utility work	Nos.	62	0.197%	62	0.200%
<b>28</b>	<b>Land Scaping and Tree plantation</b>					
	Land Scaping and Tree plantation	Km	30.52	0.146%		
<b>29</b>	<b>RE Walls</b>					
	Reinforced Earth Walls at Flyover and VOP - Blocks Casting	Sqm	35787	0.405%	35700	0.40%
	Reinforced Earth Walls at Flyover and VOP - Blocks laying	Sqm	35787	0.405%	4250	0.050%
<b>30</b>	<b>Boulder pitchin on slopes</b>					
	Providing and laying filter media underneath stone pitching	km	30.52	0.064%		
	Providing and laying stone pitching on embankment slopes	Km	30.52	0.181%		
<b>31</b>	<b>MISCELLANEOUS WORKS</b>					
	Overhead Signs	Km	32	0.158%		
	Traffic Aid Booth	No.	1	0.014%		
	Medical Aid Booth	No.	1	0.014%		
	Emergency Cross-overs	No.	6	0.018%		
	Others (Wearing Course, Kerb etc.)	Km	32	0.141%		
<b>Total Percentage completion and Amount==&gt;</b>				<b>100.00%</b>	<b>44.860%</b>	

**STRUCTURE PROGRESS CHART AS ON 31.03.2020**

**Construction of Eight Lane of Vadodara Kim Expressway from Km 323.000 to Km 355.000 (Sanpa to Padra section of Vadodara Mumbai Expressway)  
Package II**

SR.NO	PROGRESS CHART FOR PIPE CULVERTS												Abstract				
	LHS				Pipe Culvert Design Chainage	Pipe Culvert CA Chainage	Dimension	RHS				SR.No	Type Of Structure	Total No. of Structure as per CA	No of Work in progress of structure		
	Finishing		Pipe	Finishing				Foundation		Pipe Laying	Finishing						
	Chamber	Cradle		PCC	Excavation	Excavation	PCC	Cradle	Chamber								
1		Done	Done	Done	Done	324+069	324+069	1X1.2	Done	Done	Done	Done		1	HPC	42	0
2		Done	Done	Done	Done	324+715	324+719	1X1.2	Done	Done	Done	Done		2	BOX Culvert	52	18
3		Done	Done	Done	Done	325+219	325+219	1X1.2	Done	Done	Done	Done		3	flyover Bridge	1	1
4		Done	Done	Done	Done	325+619	325+619	1X1.2	Done	Done	Done	Done		4	ROB	1	0
5		Done	Done	Done	Done	326+119	326+119	1X1.2	Done	Done	Done	Done		5	MJB	1	1
6		Done	Done	Done	Done	327+119	327+119	1X1.2	Done	Done	Done	Done		6	MNB	9	9
7		Done	Done	Done	Done	327+994	327+994	1X1.2	Done	Done	Done	Done		8	Interchange	2	2
8		Done	Done	Done	Done	328+419	328+419	1X1.2	Done	Done	Done	Done		9	VOP	2	2
9		Done	Done	Done	Done	329+509	329+509	1X1.2	Done	Done	Done	Done		10	LVUP	8	0.5
10		Done	Done	Done	Done	330+068	330+068	1X1.2	Done	Done	Done	Done		11	VUP	5	0
11		Done	Done	Done	Done	331+118	331+118	1X1.2	Done	Done	Done	Done		12	P/CUP	34	18
12		Done	Done	Done	Done	331+719	331+719	1X1.2	Done	Done	Done	Done		Total		157	51.5
13		Done	Done	Done	Done	332+158	332+294	1X1.2	Done	Done	Done	Done		1	Utility Duct	61	61
14		Done	Done	Done	Done	333+119	333+119	1X1.2	Done	Done	Done	Done		2	RE- Block	Aprox 9 lakh NOS	384389 Nos.
15		Done	Done	Done	Done	334+168	334+168	1X1.2	Done	Done	Done	Done					
16		Done	Done	Done	Done	334+719	334+719	1X1.2	Done	Done	Done	Done					
17		Done	Done	Done	Done	337+308	337+308	1X1.2	Done	Done	Done	Done					
18		Done	Done	Done	Done	337+593	337+593	1X1.2	Done	Done	Done	Done					
19		Done	Done	Done	Done	338+243	338+243	1X1.2	Done	Done	Done	Done					
20		Done	Done	Done	Done	338+669	338+669	1X1.2	Done	Done	Done	Done					
21		Done	Done	Done	Done	339+179	339+179	1X1.2	Done	Done	Done	Done					
22		Done	Done	Done	Done	340+080	340+080	1X1.2	Done	Done	Done	Done					
23		Done	Done	Done	Done	340+718	340+718	1x1.2	Done	Done	Done	Done					
24		Done	Done	Done	Done	341+468	341+468	1x1.2	Done	Done	Done	Done					
25		Done	Done	Done	Done	341+925	341+925	1x1.2	Done	Done	Done	Done					
26		Done	Done	Done	Done	342+869	342+869	1x1.2	Done	Done	Done	Done					
27		Done	Done	Done	Done	343+280	343+280	1x1.2	Done	Done	Done	Done					
28		Done	Done	Done	Done	343+990	343+994	1x1.2	Done	Done	Done	Done					
29		Done	Done	Done	Done	344+768	344+768	1x1.2	Done	Done	Done	Done					
30		Done	Done	Done	Done	346+549	346+549	1x1.2	Done	Done	Done	Done					
31		Done	Done	Done	Done	347+169	347+169	1x1.2	Done	Done	Done	Done					
32		Done	Done	Done	Done	348+143	348+143	1x1.2	Done	Done	Done	Done					
33		Done	Done	Done	Done	348+869	348+869	1x1.2	Done	Done	Done	Done					
34		Done	Done	Done	Done	349+668	349+668	1x1.2	Done	Done	Done	Done					
35		Done	Done	Done	Done	350+068	350+068	1x1.2	Done	Done	Done	Done					
36		Done	Done	Done	Done	350+443	350+443	1x1.2	Done	Done	Done	Done					
37		Done	Done	Done	Done	351+119	351+119	1x1.2	Done	Done	Done	Done					
38		Done	Done	Done	Done	351+619	351+619	1x1.2	Done	Done	Done	Done					
39		Done	Done	Done	Done	352+494	352+494	1x1.2	Done	Done	Done	Done					
40		Done	Done	Done	Done	352+868	352+868	1x1.2	Done	Done	Done	Done					
41		Done	Done	Done	Done	354+467	354+467	1x1.2	Done	Done	Done	Done					
42		Done	Done	Done	Done	354+754	354+754	1x1.2	Done	Done	Done	Done					
		42	42	42	42	42	42	42	42	42	42	42					

SR.NO	PROGRESS CHART FOR BOX CULVERTS																		
	LHS									RHS									
	Finishing			Super-Structure	Sub-Structure	Foundation			Box Culvert Design Chainage	Box Culvert CA Chainage	Dimension	Foundation			Sub-Structure	Super-Structure	Finishing		
	Apron	Curtain Wall	Retaining Wall			Raft	PCC	Excavation				Excavation	PCC	Raft			Retaining Wall	Curtain Wall	Apron
1							Done	Done	323+038	323+057	1X2X2	Done	Done						
2									323+087	323+087	1X2X2								
3						Done	Done	Done	323+087	323+087	1X2X2	Done	Done	Done					
4									323+087	323+087	1X2X2								
5									323+087	323+087	1X2X2								
6						Done	Done	Done	323+425	323+367	1X3X3	Done	Done	Done					
7				Done	Done	Done	Done	Done	324+164	324+160	1X2X2	Done	Done	Done	Done				
8				Done	Done	Done	Done	Done	324+236	324+259	1X3X3	Done	Done	Done	Done	Done			
9				Done	Done	Done	Done	Done	324+254	324+273	1X3X3	Done	Done	Done	Done	Done			
10				Done	Done	Done	Done	Done	324+987	325+005	1X3X3	Done	Done	Done	Done	Done			
11				Done	Done	Done	Done	Done	326+292	326+310	1X4X3	Done	Done	Done	Done	Done			
12				Done	Done	Done	Done	Done	326+848	326+867	1X3X3	Done	Done	Done	Done	Done			
13				Done	Done	Done	Done	Done	326+957	326+982	1X2X2	Done	Done	Done	Done	Done			
14					Done	Done	Done	Done	326+957	326+982	1X2X2	Done	Done	Done	Done				
15				Done	Done	Done	Done	Done	330+242	330+260	1X2X2	Done	Done	Done	Done	Done			
16				Done	Done	Done	Done	Done	330+853	330+872	2X4X3	Done	Done	Done	Done	Done			
17				Done	Done	Done	Done	Done	331+840	331+859	1X2X2	Done	Done	Done	Done	Done			
18						Done	Done	Done	331+840	331+859	1X2X2	Done	Done	Done	Done				
19				Done	Done	Done	Done	Done	333+661	333+670	1X5X3	Done	Done	Done	Done	Done			
20				Done	Done	Done	Done	Done	335+074	335+093	1X2X2	Done	Done	Done	Done	Done			
21				Done	Done	Done	Done	Done	335+664	335+684	1X2X2	Done	Done	Done	Done	Done			
22				Done	Done	Done	Done	Done	339+352	339+345	1X2X2	Done	Done	Done	Done	Done			
23				Done	Done	Done	Done	Done	339+700	339+700	1X2X2	Done	Done	Done	Done	Done			
24				Done	Done	Done	Done	Done	339+848	339+852	1X2X2	Done	Done	Done	Done	Done			
25				Done	Done	Done	Done	Done	339+941	339+934	1X2X2	Done	Done	Done	Done	Done			
26					Done	Done	Done	Done	341+171	341+193	1x6x3	Done	Done	Done	Done				
27				Done	Done	Done	Done	Done	342+620	342+620	1X4X3	Done	Done	Done	Done	Done			
28					Done	Done	Done	Done	344+440	344+347	1x2x2	Done	Done	Done	Done				
29				Done	Done	Done	Done	Done	345+474	345+494	1x4x3	Done	Done	Done	Done	Done			
30				Done	Done	Done	Done	Done	345+966	346+000	1x3x3	Done	Done	Done	Done	Done			
31					Done	Done	Done	Done	346+776	346+800	2x3x3	Done	Done	Done	Done				
32				Done	Done	Done	Done	Done	346+800	346+800	2x3x3	Done	Done	Done	Done	Done			
33				Done	Done	Done	Done	Done	347+468	347+468	1x2x2	Done	Done	Done	Done	Done			
34				Done	Done	Done	Done	Done	347+537	347+556	2x3x2	Done	Done	Done	Done	Done			
35					Done	Done	Done	Done	347+900	347+940	1x2x2	Done	Done	Done	Done				
36				Done	Done	Done	Done	Done	349+220	349+220	1x5x3	Done	Done	Done	Done	Done	Done		
37					Done	Done	Done	Done	349+445	349+463	1x5x3	Done	Done	Done	Done	Done			
38					Done	Done	Done	Done	349+460	349+463	1x2x2	Done	Done	Done	Done				
39				Done	Done	Done	Done	Done	349+809	349+832	1x2x2	Done	Done	Done	Done	Done			
40				Done	Done	Done	Done	Done	351+009	351+009	1x3x3	Done	Done	Done	Done	Done			
41					Done	Done	Done	Done	351+265	351+265	1x3x3	Done	Done	Done	Done				
42						Done	Done	Done	353+690	353+690	1x2x2	Done	Done	Done					
43									353+690	353+690	1x2x2								
44							Done	Done	353+690	353+690	1x2x2	Done	Done						
45									353+690	353+690	1x2x2								
46									353+690	353+690	1x2x2								
47							Done	Done	353+690	353+690	1x2x2	Done							
48									353+690	353+690	1x2x2								
49									353+690	353+690	1x2x2								
50									353+690	353+690	1x2x2								
51									353+690	353+690	1x2x2								
52									353+690	353+690	1x2x2								
				25	34	38	41	41	52	52		41	40	38	35	25			

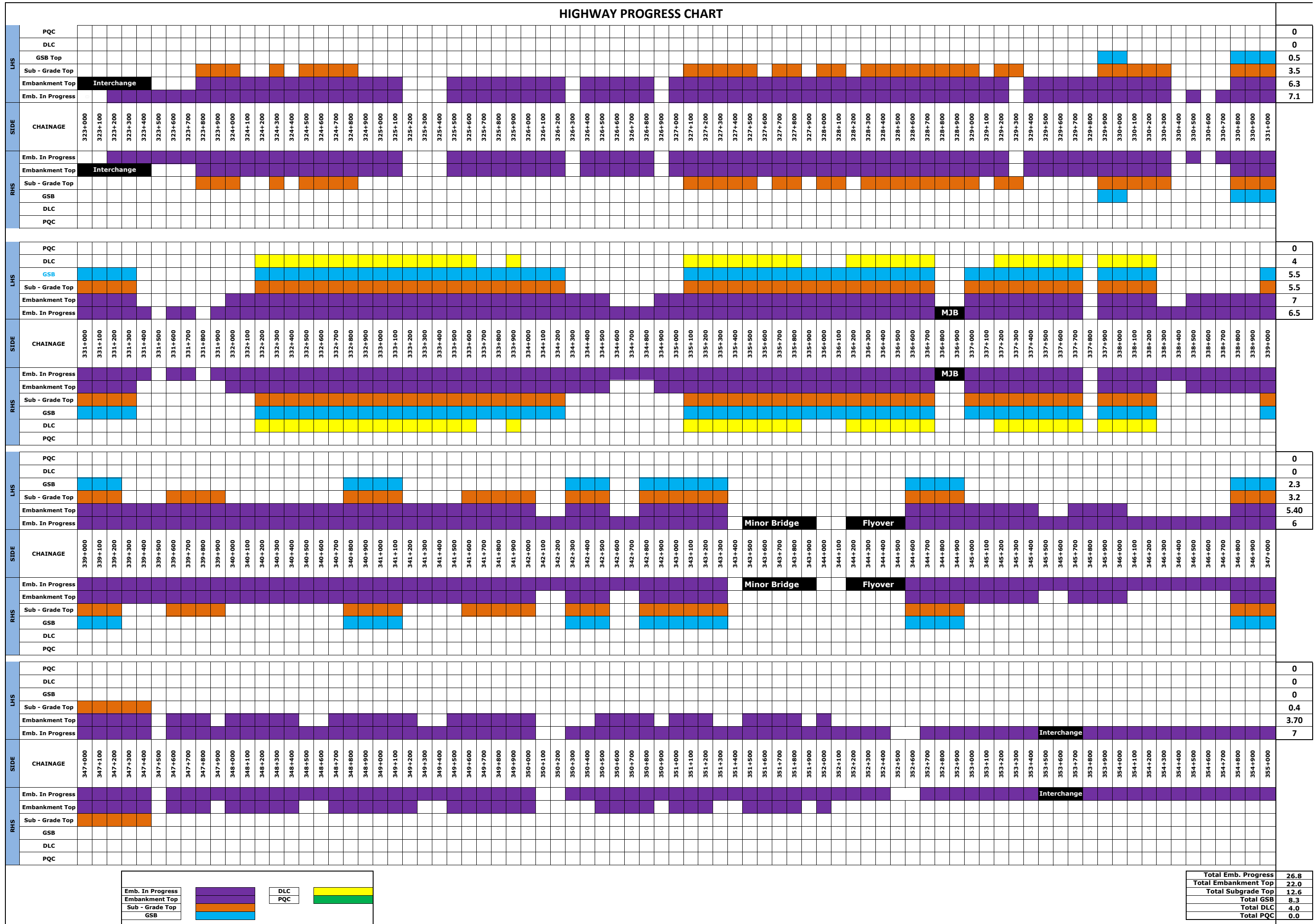
SR.NO	PROGRESS CHART FOR CUP/PUP																		
	LHS									RHS									
	Finishing			Super Structure	Sub Structure	Foundation			Design Chainage	CA Chainage	Dimension	Foundation			Sub Structure	Super Structure	Finishing		
	WC inside Str.	Approach Slab	Crash Barrier			Raft	PCC	Excavation				Excavation	PCC	Raft			Crash Barrier	Approach Slab	WC inside Str.
1				Done	Done	Done	Done	Done	323+683	323+700	1X12	Done	Done	Done	Done	Done			
2				Done	Done	Done	Done	Done	324+410	324+410	1X12	Done	Done	Done	Done	Done			
3				Done	Done	Done	Done	Done	324+900	324+900	1X12	Done	Done	Done	Done	Done			
4				Done	Done	Done	Done	Done	326+381	326+400	1X12	Done	Done	Done	Done	Done			
5						Done	Done	Done	327+575	327+550	1X12	Done	Done	Done					
6				Done	Done	Done	Done	Done	328+175	328+150	1X12	Done	Done	Done	Done	Done			
7				Done	Done	Done	Done	Done	328+856	328+800	1X12	Done	Done	Done	Done	Done			
8				Done	Done	Done	Done	Done	329+725	329+750	1X12	Done	Done	Done	Done	Done			
9					Done	Done	Done	Done	331+425	331+450	1X12	Done	Done	Done	Done				
10					Done	Done	Done	Done	332+640	332+675	1X12	Done	Done	Done	Done				
11				Done	Done	Done	Done	Done	333+351	333+370	1X12	Done	Done	Done	Done	Done			
12				Done	Done	Done	Done	Done	333+786	333+795	1X12	Done	Done	Done	Done	Done			
13				Done	Done	Done	Done	Done	334+280	334+390	1X12	Done	Done	Done	Done	Done			
14				Done	Done	Done	Done	Done	334+868	334+880	1X12	Done	Done	Done	Done	Done			
15				Done	Done	Done	Done	Done	336+020	335+850	1X12	Done	Done	Done	Done	Done			
16				Done	Done	Done	Done	Done	336+355	336+375	1X12	Done	Done	Done	Done	Done			
17				Done	Done	Done	Done	Done	338+455	338+477	1X12	Done	Done	Done	Done	Done			
18					Done	Done	Done	Done	338+950	338+970	1X12	Done	Done	Done	Done	Done			
19				Done	Done	Done	Done	Done	339+687	339+680	1X12	Done	Done	Done	Done	Done			
20				Done	Done	Done	Done	Done	340+419	340+427	1X12	Done	Done	Done	Done	Done			
21				Done	Done	Done	Done	Done	340+820	340+855	1X12	Done	Done	Done	Done	Done			
22				Done	Done	Done	Done	Done	342+035	342+050	1X12	Done	Done	Done	Done	Done			
23					Done	Done	Done	Done	342+543	342+562	1X12	Done	Done	Done	Done				
24					Done	Done	Done	Done	343+169	343+150	1X12	Done	Done	Done	Done				
25				Done	Done	Done	Done	Done	345+025	345+050	1X12	Done	Done	Done	Done	Done			
26					Done	Done	Done	Done	345+653	345+670	1X12	Done	Done	Done					
27				Done	Done	Done	Done	Done	346+383	346+400	1X12	Done	Done	Done	Done	Done			
28				Done	Done	Done	Done	Done	347+108	347+100	1X12	Done	Done	Done	Done	Done			
29				Done	Done	Done	Done	Done	347+922	347+900	1X12	Done	Done	Done	Done	Done			
30					Done	Done	Done	Done	348+978	349+100	1X12	Done	Done	Done	Done				
31						Done	Done	Done	349+972	349+950	1X12	Done	Done	Done					
32				Done	Done	Done	Done	Done	350+831	350+850	1X12	Done	Done	Done	Done	Done			
33					Done	Done	Done	Done	352+355	352+320	1X12	Done	Done	Done	Done				
34						Done	Done	Done	352+700	352+696	1X12	Done	Done	Done					
				<b>23</b>	<b>31</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>30</b>	<b>24</b>		



PROGRESS CHART FOR VUP																					
SR.NO	LHS								Design Chainage	CA Chainage	RHS										
	Finishing			Super Structure	Sub Structure	Foundation					Dimension	Foundation			Sub Structure	Super Structure	Finishing				
	WC inside Str.	Approach Slab	Crash Barrier			Raft	PCC	Excavation				Excavation	PCC	Raft			Crash Barrier	Approach Slab	WC inside Str.		
1				Done	Done	Done	Done	Done	330+402	330+402	1X12	Done	Done	Done	Done	Done					
2				Done	Done	Done	Done	Done	331+822	331+843	1X12	Done	Done	Done	Done	Done					
3				Done	Done	Done	Done	Done	335+402	335+422	1X12	Done	Done	Done	Done	Done					
4				Done	Done	Done	Done	Done	341+826	341+843	1x12	Done	Done	Done	Done	Done					
5				Done	Done	Done	Done	Done	351+284	351+303	1x12	Done	Done	Done	Done	Done					
PROGRESS CHART FOR LVUP																					
SR.NO	LHS								Design Chainage	CA Chainage	RHS										
	Finishing			Super Structure	Sub Structure	Foundation					Dimension	Foundation			Sub Structure	Super Structure	Finishing				
	WC inside Str.	Approach Slab	Crash Barrier			Raft	PCC	Excavation				Excavation	PCC	Raft			Crash Barrier	Approach Slab	WC inside Str.		
1				Done	Done	Done	Done	Done	325+769	325+788	1x12	Done	Done	Done	Done	Done					
2				Done	Done	Done	Done	Done	329+380	329+400	1x12	Done	Done	Done	Done	Done					
3					Done	Done	Done	Done	337+022	337+050	1x12	Done	Done	Done	Done	Done					
4				Done	Done	Done	Done	Done	341+600	341+590	1x12	Done	Done	Done	Done						
5				Done	Done	Done	Done	Done	343+856	343+877	1x12	Done	Done	Done	Done	Done					
6				Done	Done	Done	Done	Done	348+468	348+490	1x12	Done	Done	Done	Done	Done					
7					Done	Done	Done	Done	351+803	351+803	1x12	Done	Done	Done	Done						
8				Done	Done	Done	Done	Done	354+843	354+855	1x12	Done	Done	Done	Done	Done					
PROGRESS CHART FOR MNB																					
BOX TYPE																					
SR.NO	LHS								MNB Design Chainage	MNB CA Chainage	RHS										
	Finishing			Super Structure	Sub Structure	Foundation					Dimension	Foundation			Sub Structure	Super Structure	Finishing				
	WC inside Str.	Approach Slab	Crash Barrier			Raft	PCC	Excavation				Excavation	PCC	Raft			Crash Barrier	Approach Slab	WC inside Str.		
1				Done	Done	Done	Done	Done	329+062	329+080	1X10.42	Done	Done	Done	Done	Done					
2					Done	Done	Done	Done	337+874	337+895	1X10.42	Done	Done	Done	Done	Done	Done				
3				Done	Done	Done	Done	Done	346+743	346+766	1x10.496	Done	Done	Done	Done	Done					
4						Done	Done	Done	350+201	350+220	1x18.85	Done	Done	Done	Done						
PILE TYPE																					
SR.NO	LHS								Design Chainage	CA Chainage	RHS										
	Superstructure			Sub Structure		Foundation					Pile Scope	Dimension	Foundation			Substructure			Superstructure		
	Deck Slab	Erection/ Casting of Girders		Pier Cap	Pier	Pile Cap	Pile	Pile					Pile	Pile	Pile Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab	
1			4	1 out of 2	2 out of 2	2 out of 2	16	32	324+193	324+210	1X29.214	16	2 out of 2	In progress							
2			20	2 out of 4	26 out of 36	2 out of 2	36	72	330+630	330+640	1X32.2	36	2 out of 2	26 out of 36	2 out of 4						
3				2 out of 4	54 out of 63	2 out of 2	63	125	343+566	343+566	1x27.20	62	2 out of 2	55 out of 62	2 out of 4						
4			2	1 out of 4	12 out of 14	2 out of 2	14	28	350+143	350+162	1x33.112	14	2 out of 2	13 out of 14	1 out of 2						
5			25	3 out of 4	23 out of 28	2 out of 2	28	56	354+636	354+660	1x48.603	28	2 out of 2	23 out of 28	3 out of 4						

PROGRESS CHART FOR FLYOVER																		
SR.NO	LHS							Design Chainage	CA Chainage	Dimension	RHS							
	Superstructure		Sub Structure		Foundation		Total Pile Scope				Foundation		Substructure		Superstructure			
	Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Pile					Pile	Pile Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab	
1		4	2 out of 4	13 out of 16	4 out of 4	46	92	344+383	344+360	1x22.627+1x4 2.065+1x22.6 27	46	4 out of 4	13 out of 16	2 out of 4	4			
PROGRESS CHART FOR INTERCHANGE																		
SR.NO	LHS							Design Chainage	CA Chainage	Dimension	RHS							
	Superstructure		Sub Structure		Foundation		Total Pile Scope				Foundation		Substructure		Superstructure			
	Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Piles					Piles	Pile Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab	
1		13	3 out of 4	12 out of 12	4 out of 4	40	80	323+074	323+087	1 x 16.9+1x47.2+ 1x16.9	40	4 out of 4	12 out of 12	3 out of 4	13			
2		16	3 out of 8	28 out of 28	8 out of 8	100	200	353+666	353+690	1 X 48.2 + 2 X ( 25+25 +25.788)	100	8 out of 8	28 out of 28	3 out of 8	16			
PROGRESS CHART FOR ROB																		
SR.NO	LHS							Design Chainage	CA Chainage	Dimension	RHS							
	Superstructure		Sub Structure		Foundation		Total Pile Scope				Foundation		Substructure		Superstructure			
	Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Piles					Piles	Pile Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab	
1	Not Started							352+965	352+988	2x37.20	Not Started							
PROGRESS CHART FOR MJB																		
SR.NO	LHS							Design Chainage	CA Chainage	Dimension	RHS							
	Superstructure		Sub Structure		Foundation		Total Pile Scope				Foundation		Substructure		Superstructure			
	Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Pile					Pile	Pile Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab	
1				4 out of 7	5 out of 7	100	228	336+810	336+830	6X42.20	92	5 out of 7	4 out of 7	1 out of 7	4			
PROGRESS CHART FOR VOP																		
SR.NO	LHS							Design Chainage	CA Chainage	Dimension	RHS							
	Superstructure		Sub Structure		Foundation		Total Pile Scope				Foundation		Substructure		Superstructure			
	Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Piles					Piles	Pile Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab	
1		4 out of 8	3 out of 3	3 out of 3	3 out of 3	14	14	326+957	326+982	2x48.221	Not Applicable							
2		5 out of 8	3 out of 3	3 out of 3	3 out of 3	21	21	349+441	349+463	2x41.35								

# HIGHWAY PROGRESS CHART



Emb. In Progress  
 Embankment Top  
 Sub - Grade Top  
 GSB  
 DLC  
 PQC

Total Emb. Progress	26.8
Total Embankment Top	22.0
Total Subgrade Top	12.6
Total GSB	8.3
Total DLC	4.0
Total PQC	0.0

Eight-Laning of Vadodara Kim Expressway from Km 323.000 to Km 355.000								
Details of Electrical Utilities								
SR.	CHAINAGE		Division	SIDE	TYPE	EFFECTED	REMARKS	Affected
	To	From						
1	323+030	323+040	Amod		11 KV	10	Electric Line Crossing (Amod)	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW
2	323+090	323+095	Amod		11 KV	5	Electric Line Crossing (Amod)	
3	323+130	323+140	Amod		11 KV	10	Electric Line Crossing (Amod)	
4	323+160	323+170	Amod		12 KV	10	Electric Line Crossing (Amod)	
5	323+180	323+200	GETCO		66 KV	20	Electric Line Crossing (Amod)	
6	323+200	323+210	Amod		11 KV	10	Electric Line Crossing (Amod)	
7	323+380	323+440	Amod		11 KV	60	Electric Line Crossing (Amod)	
8	324+090	324+110	GETCO		1 Tower/220KV	20	High Tension Line Crossing	
9	324+600	324+610	Karjan		2/11KV	10	Electric Line Crossing	Within ROW
10	324+700	324+705	Karjan	LHS		5	Transformer	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW
11	324+800	324+830	Karjan		2/11KV	30	Electric Line Crossing	
12	324+690	324+710	Karjan		3/11KV	20	Electric Line Crossing	
13	325+100	325+115	GETCO		1 Tower/220KV	15	High Tension Line Crossing	
14	325+180	325+190	Karjan		11 KV	10	Electric Line Crossing	
15	325+780	325+790	Karjan	LHS		10	Transformer	
16	325+550	325+570	Karjan		11 KV	20	Electric Line Crossing	
17	325+600	325+630	Karjan		11 KV	30	Electric Line Crossing	
18	326+400	326+420	GETCO		1 Tower/220KV	20	High Tension Line Crossing	
19	326+900	326+910	Karjan		11 KV	10	Electric Line Crossing	
20	327+175	327+205	GETCO		220KV	30	High Tension Line Crossing	
21	327+280	327+290	Karjan		11 KV	10	Electric Line Crossing	Within ROW
22	327+280		Karjan	RHS		5	Transformer	Entire
23	327+700	327+710	Karjan		11 KV	10	Electric Line Crossing	MCW to ROW (RHS)
24	327+730	327+740	Karjan		11KV	10	Electric Line Crossing	
25	327+750	327+760	Karjan		11KV	10	Electric Line Crossing	
26	329+290	329+310	Karjan		11 KV	20	Electric Line Crossing	
27	329+310	329+330	Karjan		11 KV	20	Electric Line Crossing	MCW, Shoulder and Service Road
28	330+270	330+275	Karjan	RHS	11 KV	5	Transformer	Only MCW
29	330+275	330+570	Karjan	8 Line	12 KV	65	Electric Line Crossing	MCW, Shoulder and Service Road
30	331+230	331+240	Karjan		11 KV	10	Electric Line Crossing	MCW
31	331+430	331+440	Karjan		11 KV	10	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line
32	331+800	331+820	Karjan		11 KV	20	Electric Line Crossing	
33	331+900	331+920	Karjan		11 KV	20	Electric Line Crossing	
34	331+930	331+950	GETCO		66 KV	20	High Tension Line Crossing	
35	332+050	332+060	Karjan		11 KV	10	Electric Line Crossing	
36	332+130	332+150	Karjan		11 KV	20	Electric Line Crossing	
37	332+410	332+450	Karjan		11 KV	40	Electric Line Crossing	
38	332+490	332+500	Karjan	RHS		5	Transformer	MCW, Shoulder and Service Road
39	333+100	333+130	Karjan		11 KV	30	Electric Line Crossing	Affetcted because the electric line crossing over the Entire ROW
40	333+340	333+350	Karjan	LHS		5	Transformer	MCW to ROW
41	333+520	333+540	Karjan		11 KV	20	Electric Line Crossing	
42	333+620	333+720	Karjan		11 KV	100	Electric Line Crossing	
43	333+950	334+000	Karjan		11 KV	50	Electric Line Crossing	
44	334+220	334+240	Karjan		11 KV	20	Electric Line Crossing	
45	334+575	334+590	Karjan		11 KV	15	Electric Line Crossing	
46	334+585	334+610	Karjan		11 KV	35	Electric Line Crossing	
47	334+610	334+640	Karjan		11 KV	25	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW
48	334+690	334+720	Karjan		11 KV	30	Electric Line Crossing	
49	334+730	334+770	Karjan	2 Line	11 KV	40	Electric Line Crossing	
50	334+800	334+830	Karjan		11 KV	30	Electric Line Crossing	
51	335+370	335+400	Padra-1		11 KV	30	Electric Line Crossing	
52	335+370	335+400	Padra-1	LHS	11 KV	30	Electric Line Crossing	
53	336+080	336+130	PGCIL		400KV	50	High Tension Line Crossing	
54	337+470	337+510	Padra-1		11 KV	40	Electric Line Crossing	
55	337+580	337+620	Padra-1		11 KV	40	Electric Line Crossing	
56	338+480	338+550	Padra-1		11 KV	70	Electric Line Crossing	
57	339+670	339+720	Padra-1		11 KV	50	Electric Line Crossing	

SR.	CHAINAGE		Division	SIDE	TYPE	EFFECTED	REMARKS	Affected
	To	From						
58	339+670	339+700	Padra-1		11 KV	30	Electric Line Crossing	MCW, Shoulder and Service Road Affctcted because the electric line crossing over the Entire ROW
59	340+800	340+950	Torrent		400KV	150	High Tension Line Crossing	
60	341+610	341+650	Padra-1		11 KV	40	Electric Line Crossing	
61	341+790	341+820	Padra-1		11 KV	30	Electric Line Crossing	
62	341+780	341+790	Padra-1	C/L	11 KV	10	Transformer	
63	343+850	343+870	Padra-1		11 KV	20	Electric Line Crossing	
64	343+950	344+000	Padra-1		11 KV	50	Electric Line Crossing	
65	344+000	344+060	Padra-1		11 KV	60	Electric Line Crossing	
66	344+200	344+280	Padra-1		11 KV	80	Electric Line Crossing	
67	345+100	345+120	Padra-1	LHS		20	Transformer	
68	348+470	348+480	Padra-1		11 KV	10	Electric Line Crossing	
69	348+780	348+850	Padra-1		11 KV	70	Electric Line Crossing	
70	349+150	349+160	Padra-2		12 KV	10	Electric Line Crossing	
71	349+440	349+470	Padra-2		11 KV	30	Electric Line Crossing	
72	350+340	350+400	Padra-2		11 KV	60	Electric Line Crossing	
73	350+320	350+330	Padra-2	RHS		10	Transformer	
74	351+400	351+420	Padra-2		11 KV	20	Electric Line Crossing	
75	351+420	351+430	Padra-2	LHS		10	Transformer	
76	351+530	351+540	Padra-2		11 KV	10	Electric Line Crossing	
77	351+680	351+800	Padra-2		11 KV	10	Electric Line Crossing	
78	351+820	351+825	Padra-2		11 KV	5	Electric Line Crossing	
79	351+830	351+835	Padra-2		11 KV	5	Electric Line Crossing	
80	351+870	351+875	Padra-2		11 KV	5	Electric Line Crossing	
81	351+875	351+885	Padra-2		11 KV	10	Electric Line Crossing	
82	351+885	351+915	Padra-2		11 KV	30	Electric Line Crossing	
83	352+300	352+310	Padra-2		11 KV	10	Electric Line Crossing	
84	352+445	352+460	Padra-2		11 KV	15	Electric Line Crossing	
85	353+415	353+425	Padra-2		11 KV	10	Electric Line Crossing	
86	353+445	353+470	Padra-2		11 KV	25	Electric Line Crossing	
87	353+510	353+520	Padra-2		11 KV	10	Electric Line Crossing	
88	353+525	353+550	Padra-2		11 KV	25	Electric Line Crossing	
89	353+670	353+920	Padra-2		11 KV	10	Electric Line Crossing	
90	353+950	353+960	GETCO		66 KV	10	High Tension Line Crossing	
91	354+000	354+010	GETCO		66 KV	10	High Tension Line Crossing	
92	354+240	354+250	Padra-2		11 KV	10	Electric Line Crossing	
93	354+830	354+835	Padra-2		11 KV	5	Electric Line Crossing	
94	354+950	354+960	Padra-2		11 KV	10	Electric Line Crossing	
					<b>TOTAL LENGTH</b>	<b>2310</b>		

Details of Water Pipe Lines/Borewell/Canal Crossing						
SR. NO.	CHAINAGE		SIDE	TYPE	EFFECTED LENGTH	REMARKS
	To	From				
1	323+040	323+050	LHS	CANAL CROSSING		
2	323+165	323+175	C/L	TUBEWELL	10	
3	324+160	324+185	BHS	CANAL CROSSING		
4	324+180	324+210	BHS	CANAL CROSSING		
5	324+225	324+250	BHS	CANAL CROSSING		
6	324+215	324+240	BHS	CANAL CROSSING		
7	324+600	324+610	LHS	TUBEWELL	10	
8	324+960	324+980	BHS	CANAL CROSSING		
9	325+200	325+210	LHS	TUBEWELL	10	
10	326+830	326+850	BHS	CANAL CROSSING		
11	327+280	327+290	RHS	TUBEWELL	10	
12	328+340	328+360	BHS	CANAL CROSSING		
13	329+375	329+385	RHS	TUBEWELL	10	
14	330+280	330+290	C/L	TUBEWELL	10	
15	330+520	330+580	BHS	CANAL CROSSING		
16	330+620	330+630	RHS	TUBEWELL	10	
17	330+820	330+840	BHS	CANAL CROSSING		
18	331+400	331+410	RHS	TUBE WELL	10	
19	331+800	331+835	RHS	IRRIGATION CHANNEL		
20	332+640	332+660		Nala	20	
21	333+270	333+300	BHS	IRRIGATION CHANNEL		
22	333+350	333+360	LHS	TUBE WELL	10	
23	333+670	333+730	BHS	IRRIGATION CHANNEL		
24	334+815	334+825	C/L	TUBE WELL	10	
25	335+075	335+100	BHS	CANAL CROSSING		
26	336+750	336+900		Vishvamitri river		
27	338+595	338+605	RHS	TUBEWELL	10	
28	338+950	338+960	RHS	TUBE WELL	10	
29	339+550	339+675	BHS	CANAL CROSSING		
30	341+600	341+610	RHS	TUBE WELL	10	
31	342+540	342+560	BHS	CANAL CROSSING		
32	343+240	343+260	RHS	WATER PIPE LINE	20	
33	345+175	345+185	LHS	TUBE WELL	10	
34	345+490	345+510	BHS	CANAL CROSSING		
35	346+740	346+760	BHS	CANAL CROSSING WITH CULVERT		
36	347+530	347+550	BHS	CANAL CROSSING		
37	349+455	349+465	LHS	TUBE WELL	10	
38	350+300	350+315	BHS	TUBE WELL	15	
39	351+240	351+260	RHS	CANAL CROSSING		
40	351+245	351+255	C/L	TUBE WELL	10	
41	351+415	351+435	BHS	WATER LINE CROSSING	20	
42	351+530	351+540	RHS	WELL	10	
43	352+880	353+000	RHS	CANAL CROSSING		
44	354+330	354+340	RHS	BOREWELL	10	
				<b>TOTAL LENGTH</b>	<b>255</b>	

Details of Land related Hindrances as on 29.02.2020									
Sr. No.	Chainage from		Affected length	Village Name	Survey No.	Structure/ Highway Affected	Owner Name	Hindrance Description	Current Status
<b>Add.3A issue</b>									
1	325+160	325+320	340	Sanpa	337	HPC	Govardhanbhai Ranchoddas	3A for some increased area processed by SEACON for approval of CALA & further action.	3A has been Guzzetted vide S/O No. 4216(E) dated 20.11.2019 but not yet published in newspaper, 3D awaited.
2	325+160	325+500		Sanpa	527	Highway	Mohadbhai aslam esab	3A for some increased area processed by SEACON for approval of CALA & further action.	3A has been Guzzetted vide S/O No. 4216(E) dated 20.11.2019 but not yet published in newspaper, 3D awaited.
3	326+210	326+250	40	Sanpa	169	Highway	Patel Babubhai ambalal	3A for some increased area processed by SEACON for approval of CALA & further action.	3A has been Guzzetted vide S/O No. 4216(E) dated 20.11.2019 but not yet published in newspaper, 3D awaited.
4	331+780	331+800	20	Handod	8	Highway	Prafulbhai Bhatt	DLR has been submitted to NHAI & CALA office on 23.08.19 favour of survey no.8.	3A has been Guzzetted vide S/O No. 4216(E) dated 20.11.2019 but not yet published in newspaper, 3D awaited.
<b>Total Length</b>			<b>400</b>						
<b>Payment Issues</b>									
1	325+160	325+320		Sanpa	337		Govardhanbhai Ranchoddas	Award of Rs. 1 lakh against tube well submitted to CALA for payment.	Award signed and Demand Note send to PIU Bharuch by CALA. Payment awaited.
2	327+250	327+300	50	Bodka	70	Highway	Vinunbhai kanjibhai Gondiyal	Award of Rs. 1 lakh against tube well submitted to CALA for payment.	Award signed and Demand Note send to PIU Bharuch by CALA. Payment awaited.
3	329+355	329+400	45	Kanbha	413	LVUP	Malik Yusuphbhai	Award of Rs. 1 lakh against tube well submitted to CALA for payment.	Award signed and Demand Note send to PIU Bharuch by CALA. Payment awaited.
4	330+250	330+300	50	Kanbha	296	Highway	Idrishbhai ahamadbhai	Award of Rs. 1 lakh against tube well submitted to CALA for payment.	Award signed and Demand Note send to PIU Bharuch by CALA. Payment awaited.
5	331+100	331+280	180	Handod	41	HPC	Pannubhai Bhatt	Award submitted to CALA for payment.	Award signed and Demand Note send to PIU Bharuch by CALA. Payment awaited.
6	338+200	338+400	200	Hosepur	276	HPC	Somabhai Vasava	Land Data Updated and submitted at CALA office for Payment	Status Quo
<b>Total Length</b>			<b>525</b>						
<b>Other issue</b>									
1	328+530	328+580	50	Bodka	161	Highway	Neelesh Patel	NHAI acquired 3 guntha Land but farmer claims that 11 Guntha land occupied by NHAI. CALA office is being persuade for settlement of additional claim of land owner.	Seacon needs to resolve it.
<b>Total Length</b>			<b>50</b>						
<b>Total Affected Length</b>			<b>975</b>						

## Details of Letter Correspondence From PIL TO IRCON.

Sr.	Date	Letter Number	Subject of Correspondence
1	03.03.2020	PIL/ HO/VKP2/IRCON/137 / 2020	Submission design & drawings of VOP at Ch. 349+441
2	02.03.2020	PIL/ VK2/ IRCON/ 466 / 2020	Report on achievement of Project Milestone - II in pursuant to Clause 3.3, Schedule - J of the Contract Agreement - Reg. (35 % )
3	04.03.2020	PIL/ VK2/ IRCON/ 467 / 2020	Resubmission of Working drawings and Estimates of SSNNL
4	04.03.2020	PIL/ VK2/ IRCON/ 468 / 2020	Regarding Slow Progress of earth work from Km 339 to Km 357.
5	05.03.2020	PIL/ VK2/ IRCON/ 469 / 2020	Submission of Proposal for protection of ONGC well at ch. 341+824.
6	05.03.2020	PIL/ VK2/ IRCON/ 470 / 2020	Submission of Borrow area 82, 81 B, 51 B & 51 C
7	05.03.2020	PIL/ VK2/ IRCON/ 471 / 2020	Submission of "Monthly Progress Report" for the Month of February 2020.
8	06.03.2020	PIL/ VK2/ IRCON/ 472 / 2020	Submission of structure diversion working drawings of Ch.330+853 and Ch.331+840 over canals, SSNNL division -5, Karjan.-Regd
9	06.03.2020	PIL/ VK2/ IRCON/ 473 / 2020	Submission of Mix design for Concreting. (Ultratech)
10	06.03.2020	PIL/ VK2/ IRCON/ 474 / 2020	Submission of Mix design for Concreting. (wonder)
11	06.03.2020	PIL/ VK2/ IRCON/ 475 / 2020	Submission of Mix design for RE Block.
12	06.03.2020	PIL/ VK2/ IRCON/ 476 / 2020	Submission of NDT Test Report.
13	06.03.2020	PIL/ VK2/ IRCON/ 477 / 2020	Submission of Design and Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps for PUP/CUP at Ch. 329+725.
14	06.03.2020	PIL/ HO/VKP2/IRCON/147/ 2020	Submission of Revised Highway Plan and Profile from Km. 323.000 to 355.000
15	07.03.2020	PIL/ VK2/ IRCON/ 478 / 2020	Submission of Mix design for Concreting. (Sanghi)
16	07.03.2020	PIL/ VK2/ IRCON/ 479 / 2020	Submission of Mix design for Concreting. (Sidhee)
17	07.03.2020	PIL/ VK2/ IRCON/ 480 / 2020	Submission of Mix design for Concreting. (Ambuja)
18	09.03.2020	PIL/ VK2/ IRCON/ 481 / 2020	Instruction issued during site inspection carried out by CMD/IRCON on 24.02.2020
19	09.03.2020	PIL/ VK2/ IRCON/ 482 / 2020	Monitoring of RFI
20	09.03.2020	PIL/ HO/VKP2/IRCON/149/ 2020	Submission design and drawings of VOP at Ch. 349+441
21	11.03.2020	PIL/ HO/VKP2/151 / 2020	Termination notice in accordance with provision provided under clause D (4) of work order for construction of Major Bridge at Km. 336+830 & Minor Bridge at Km. 337+895.
22	12.03.2020	PIL/ VK2/ IRCON/ 483 / 2020	Submission of Design and Drawing Document for Preliminary basis approval for Reinforced Soil approach



Sr.	Date	Letter Number	Subject of Correspondence
			ramps for PUP/CUP at Ch. 324+900.
23	12.03.2020	PIL/ VK2/ IRCON/ 484 / 2020	Submission of stage payment on achievement of 30 % financial progress as per Annexure - I of Schedule - J
24	12.03.2020	PIL/ VK2/ IRCON/ 485 / 2020	Submission of Design and Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps for Interchange at Ch. 323+075.
25	13.03.2020	PIL/ VK2/ IRCON/ 486 / 2020	Submission of Third Party Test reports.
26	13.03.2020	PIL/ VK2/ IRCON/ 487 / 2020	Submission of Mix design for Concreting. (Hathi)
27	13.03.2020	PIL/ VK2/ IRCON/ 488 / 2020	Submission of Mix design for Concreting. (JK Lakshmi)
28	13.03.2020	PIL/ VK2/ IRCON/ 489 / 2020	Submission of Mix design for Concreting. (NUVOCO)
29	14.03.2020	PIL/ VK2/ IRCON/ 490 / 2020	Submission of Borrow area 71, 56E, 52E & 84
30	16.03.2020	PIL/ VK2/ IRCON/ 491 / 2020	Submission of Borrow area 67 Ext. ,70,70A,72,72A,72B,72C and 83.
31	16.03.2020	PIL/ VK2/ IRCON/ 492 / 2020	Submission of Design and Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps for PUP/CUP at Ch. 324+410.
32	17.03.2020	PIL/HO/ VKP2/WO/160 /2020	Construction of Precast RCC drain in Sanpa to Padra section of Vadodara Mumbai Expressway.
33	17.03.2020	PIL/ VK2/ IRCON/ 493 / 2020	Submission of Proposal for COS for an additional Reinforced Earth wall proposed at Chainage Km. 341+830 to safeguard the ONGC well as per the safety norms fixed by concern department.
34	17.03.2020	PIL/ VK2/ IRCON/ 494 / 2020	Submission of PQC Mix design with JK Lakshmi cement.
35	17.03.2020	PIL/HO/ VKP2/IRCON /162 /2020	Submission design & drawings of VOP at Ch. 349+441
36	17.03.2020	PIL/HO/ VKP3/IE /064 /2020	Submission of Revised Construction Time Schedule _ Reg.
37	18.03.2020	PIL/ VK2/ IRCON/ 495 / 2020	Resubmission of working drawings & estimates of structures on SSNNL Canal.
38	18.03.2020	PIL/ VK2/ IRCON/ 496 / 2020	Submission of Design and Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps for PUP/CUP at Ch. 326+381 & PUP/CUP at Ch. 327+575.
39	20.03.2020	PIL/HO/ VKP2/IRCON /174 /2020	Submission of First Part of 2 <sup>nd</sup> Mobilization advance Bank Guarantee.
40	20.03.2020	PIL/HO/ VKP2/IRCON /175 /2020	Submission of Design and Drawing of Interchange at Ch. 353+670
41	20.03.2020	PIL/HO/ VKP2/IRCON /178 /2020	Submission of Design and Drawings of Minor Bridge at Ch. 330+640
42	20.03.2020	PIL/HO/ VKP2/IRCON /180 /2020	submission of Design & Drawings of Minor Bridge at Ch.

Sr.	Date	Letter Number	Subject of Correspondence
			350+201
43	20.03.2020	PIL/HO/ VKP2/IRCON /181 /2020	Report on Occurrence of "Force Majeure : Non-Political Event" under Article -21, Clause 21.2 (a) of Concession Agreement
44	21.03.2020	PIL/HO/ VKP2/IRCON /182 /2020	Submission of Second Part of 2 <sup>nd</sup> Mobilization advance Bank Guarantee.
45	21.03.2020	PIL/HO/ VKP2/IRCON /183 /2020	Regarding lock down the project site due to Janta curfew on 22.03.2020
46	21.03.2020	PIL/HO/ VKP2/IRCON /184 /2020	Regarding Submission of Methodology for PQC Paving in Two Passes

### Details of Letter Correspondence From IRCON TO PIL.

Sr.	Date	Letter Number	Subject of Correspondence
1	07.03.2020	IRCON/ 3019/ VKE/ PATEL / 1413	Compliance to observation on submitted GAD, Test Pile design report & Geotechnical Report of VOP at KM 349+441.
2	07.03.2020	IRCON/ 3019/ VKE/ PATEL / 1414	Regarding construction of Pier Cap at VOP 339+441.
3	07.03.2020	IRCON/ 3019/ VKE/ PATEL / 1415	Instruction issued during site inspection carried out by CMD/IRCON on 24.02.2020
4	07.03.2020	IRCON/ 3019/ VKE/ PATEL / 1416	Monitoring of RFI
5	07.03.2020	IRCON/ 3019/ VKE/ PATEL / 1417	Request for suitable amendment in schedule - H of the EPC contract Agreement.
6	09.03.2020	IRCON/ 3019/ VKE/ PATEL / 1425	Traffic and Pavement Design Report (Km 323+000 to 355+000)
7	09.03.2020	IRCON/ 3019/ VKE/ PATEL / 1426	Submission of Company profile & Credentials of M/s Solanki Plastic for Separation Membrane and Dowel bar cap Source approval
8	09.03.2020	IRCON/ 3019/ VKE/ PATEL / 1427	Submission of Company profile and credentials of M/ s Choksey Chemical Pvt. Ltd. for source approval of Rasin Based Curing Compound
9	09.03.2020	IRCON/ 3019/ VKE/ PATEL / 1428	Submission of Company profile & Credentials of M/s BASF India Pvt. Ltd. for Curing compounds, Sealant, Grouts and Shuttering oil Source approval.
10	09.03.2020	IRCON/ 3019/ VKE/ PATEL / 1429	Submission of Company profile & Credentials of M/s Sika India Pvt. Ltd. for Curing compound and Sealant Source approval.
11	11.03.2020	IRCON/ 3019/ VKE/ PATEL / 1431	Submission of Company Profile and Credentials of M/s Shetia Enterprises for separation membrane source approval
12	11.03.2020	IRCON/ 3019/ VKE/ PATEL / 1432	Submission of Company Profile and credentials of M/s ICT (Independent Consultants and Technoctes) for third party laboratory approval
13	11.03.2020	IRCON/ 3019/ VKE/ PATEL / 1433	Submission of Mix Design for M 50 Grade Concrete

Sr.	Date	Letter Number	Subject of Correspondence
14	11.03.2020	IRCON/ 3019/ VKE/ PATEL / 1434	Submission of Company profile & Credentials of M/s Al Narjis International for procurement of Geotextile for Source approval
15	11.03.2020	IRCON/ 3019/ VKE/ PATEL / 1435	Submission of test results of Borrow Area 78, 78 A ,79,79 A,80, 80 A,81, 81 A
16	11.03.2020	IRCON/ 3019/ VKE/ PATEL / 1437	Submission of Design & Drawing of POT/PTFE FREE SLIDING BEARING for Flyover at Chainage Km 344+383
17	13.03.2020	IRCON/ 3019/ VKE/ PATEL / 1443	Shifting of various 200 KV & 400 KV Transmission lines of POWERGRID for the proposed Vadodara- Mumbai Eight Lane Expressway in the State of Gujarat- Draft MoU being executed between POWERGRID & NHAI
18	13.03.2020	IRCON/ 3019/ VKE/ PATEL / 1444	Approval of the Utility estimates of MGVCL of Karjan Sub Division, Padra-1 and Padra-2 sub Divisions under Jambuva
19	13.03.2020	IRCON/ 3019/ VKE/ PATEL / 1445	Estimate for Shifting various 66KV and EHV class existing transmission lines for M/s NHAI under deposit work option-II, under Construction Division, Bharuch
20	16.03.2020	IRCON/ 3019/ VKE/ PATEL / 1457	Design review and comments of IE on Design and Drawing of Major Bridge at Ch. 336+800.
21	16.03.2020	IRCON/ 3019/ VKE/ PATEL / 1458	Estimates for SSNNL Canal Crossings
22	16.03.2020	IRCON/ 3019/ VKE/ PATEL / 1459	Estimates for shifting/ Modification of EHV Transmission Lines of 400 KV SUGEN-PIRANA Lines Clarification for GST
23	17.03.2020	IRCON/ 3019/ VKE/ PATEL / 1460	Programme of Inspection on the Project Highway for the month of March, 2020
24	21.03.2020	IRCON/ 3019/ VKE/ PATEL / 1484	Submission of Test Results of Borrow Area No. 3D
25	21.03.2020	IRCON/ 3019/ VKE/ PATEL / 1485	Submission of Design & Drawing of POT/PTFE FREE SLIDING BEARING for Flyover at Chainage Km. 344+383
26	21.03.2020	IRCON/ 3019/ VKE/ PATEL / 1486	Submission of Design and Drawing of Pin Bearing, Metallic Guide Bearing and POT PTFE free bearing for Interchange at Ch. 353+670 for Vadodara Kim Expressway.
27	21.03.2020	IRCON/ 3019/ VKE/ PATEL / 1489	Submission of NDT Test Report
28	21.03.2020	IRCON/ 3019/ VKE/ PATEL / 1490	Submission of Joint inspection report of Verification of structure locations on Expressway.
29	21.03.2020	IRCON/ 3019/ VKE/ PATEL / 1491	Submission of working drawings and Estimates structures on SSNNL canal.

CLIENT				: NATIONAL HIGHWAYS AUTHORITY OF INDIA																						
CONCESSIONAIRE				: IRCON VADODARA KIM EXPRESSWAY LTD																						
INDEPENDENT ENGINEER				: M/s AARVEE ASSOCIATES																						
EPC CONTRACTOR				: M/s Patel Infrastructure Ltd.																						
B/A No.	RFI No.	Date Of Sampling	Date Of Testing	Survey No.	Village	Type of land	Area (Hec.)	Contractor Name	LOCATIO N	SIDE	Lead(Mtr )	Qty (Cum m)	No. of Pit	MDD	OMC	Gravel	Sand	Silt&Cl ay	LL	PI	FSI	CBR	Used For	REMARKS		
1	6	13.12.2018	23.01.2019	120	Sadad	Private	0.75.64	M/s ABCC Builders	336+000	RHS	0.5 Km	10500	7	1.830	11.69	4.31	28.67	67.02	32.98	12.43	28.64	-	Emb.	Approved		
1 (A)	119	01.03.2019	06.03.2019	120	Sadad	Private	0.75.64	M/s ABCC Builders	336+000	RHS	0.5 Km	10500	7	1.836	11.24	3.03	30.09	66.89	31.14	11.55	28.69	-	Emb.	Approved		
1 (B)	360	18.03.2019	19.03.2019	120	Sadad	Private	0.75.64	M/s ABCC Builders	336+000	RHS	0.5 Km	10500	7	1.834	11.21	3.60	32.8	63.6	32.3	12.1	22.33	-	Emb.	Approved		
1 (C)	579	29.03.2019	31.03.2019	120	Sadad	Private	0.75.64	M/s ABCC Builders	336+000	RHS	0.5 Km	10500	7	1.828	11.52	3.20	36.4	60.4	32.8	11.8	20.00	-	Emb.	Approved		
1 (D)	1204	18.04.2019	19.04.2019	120	Sadad	Private	0.75.64	M/s ABCC Builders	336+000	RHS	0.5 Km	10500	7	1.838	11.80	2.40	39.80	57.80	32.7	11.6	15.00	-	Emb.	Approved		
1 (E)	2251	18.04.2019	19.04.2019	120	Sadad	Private	0.75.64	M/s ABCC Builders	336+000	RHS	0.5 Km	10500	7	1.836	11.91	1.80	40.6	57.6	33.8	11.2	21.64	-	Emb.	Approved		
2	18	10.01.2019	29.01.2019	315	Goriyad	Sujlam-Suflam	3.13.92	M/s Sukhvinder	346+800	RHS	0.1 Km	33000	22	1.880	11.66	3.55	27.64	68.86	31.15	12.54	26.59	6.21	Emb.	Approved		
2(A)	3272	22.06.2019	24.06.2019	315	Goriyad	Sujlam-Suflam	3.13.92	M/s Sukhvinder	346+800	RHS	0.1 Km	33000	22	1.891	11.00	4.57	31.91	63.49	29.33	9.5	20.46	-	Emb.	Approved		
2(B)	10824	07.01.2020	12.01.2020	315	Goriyad	Sujlam-Suflam	3.13.92	M/s Sukhvinder	346+800	RHS	0.1 Km	33000	22	1.839	12.50	4.30	37.40	58.30	28.68	9.61	17.35	6.16	Emb.	Approved		
2(C)	10824	07.01.2020	13.01.2020	315	Goriyad	Sujlam-Suflam	3.13.92	M/s Sukhvinder	346+800	RHS	0.1 Km	33000	22	1.860	12.65	4.19	34.87	60.94	29.61	9.77	17.49	-	Emb.	Approved		
3	24	23.01.2019	02.02.2019	183	Mater	Sujlam-Suflam	11.45.36	M/s Supernova	323+100	LHS	0.8 Km	94500	63	1.856	12.14	3.46	29.86	66.64	32.18	10.67	25.10	-	Emb.	Approved		
3 (A)	1097	18.04.2019	19.04.2019	183	Mater	Sujlam-Suflam	11.45.36	M/s Supernova	323+100	LHS	0.8 Km	94500	63	1.873	12.13	4.52	33.99	61.54	30.64	10.71	19.55	8.70	S.G.	Approved		
3 (B)	2206	23.05.2019	19.04.2019	183	Mater	Sujlam-Suflam	11.45.36	M/s Supernova	323+100	LHS	0.8 Km	94500	63	1.868	12.51	4.37	33.29	62.32	29.73	10.85	22.41	9.73	S.G.	Approved		
3 (C)	3783	24.07.2019	25.07.2019	183	Mater	Sujlam-Suflam	11.45.36	M/s Supernova	323+100	LHS	0.8 Km	94500	63	1.869	12.11	3.76	35.63	60.00	29.89	10.42	21.65	11.94	S.G.	Submitted		
3 (D)	11300	20.01.2020	03.02.2020	183	Mater	Sujlam-Suflam	11.45.36	M/s Supernova	323+100	LHS	0.8 Km	94500	63	1.877	12.16	5.94	61.08	33.00	26.79	6.83	17.35	12.36	S.G.	Submitted		
3 (E)	11300	20.01.2020	20.02.2020	183	Mater	Sujlam-Suflam	11.45.36	M/s Supernova	323+100	LHS	0.8 Km	94500	63	1.880	12.25	5.42	62.58	32.00	27.25	6.35	16.67	-	S.G.	In process		
4	38	04.02.2019	13.02.2019	578	Surwada	Private	2.39	M/s Radhe Krishna	333+500	RHS	0.8 Km	41948	28	1.902	11.77	2.44	24.12	73.41	30.06	9.04	22.68	-	Emb.	Approved		
5																								Cancel		
6	7	12.02.2019	21.02.2019	594	Surwada	Private	0.60.12	M/s Radhe Krishna	334+250	LHS	0.4 Km	7500	6	1.895	11.34	2.70	23.72	73.58	31.45	10.09	23.83	-	Emb.	Approved		
6 (A)	173	02.03.2019	06.03.2019	594	Surwada	Private	0.60.12	M/s Radhe Krishna	334+250	LHS	400 mtr	7500	6	1.885	10.73	5.76	32.56	61.68	30.47	11.27	28.00	-	Emb.	Approved		
6 (B)	687	02.04.2019	19.04.2019	594	Surwada	Private	0.60.12	M/s Radhe Krishna	334+250	LHS	400 mtr	7500	6	1.881	10.64	3.63	32.27	64.1	29.30	10.09	18.33	-	Emb.	Approved		
6 (C)	2433	29.05.2019	10.06.2019	594	Surwada	Private	0.60.12	M/s Radhe Krishna	334+250	LHS	400 mtr	7500	6	1.886	10.58	4.08	30.68	65.23	29.16	10.11	19.73	5.97	Emb.	Approved		
7	8	12.02.2019	20.02.2019	386	Mater	Sujlam-Suflam	0.98	M/s Supernova	323+000	LHS	2.0 Km	30000	20	1.880	11.44	5.97	32.17	61.86	31.86	11.541	28.75	-	Emb.	Approved		
8	210	09.03.2019	10.03.2019	722	Goriyad	Sujlam-Suflam	1.00.00	M/s Sukhvinder	344+500	LHS	2.0 Km	15000	10	1.896	12.24	4.69	40.93	54.38	31.57	11.03	25.50	-	Emb.	Approved		
8(A)	2487	29.05.2019	11.06.2019	722	Goriyad	Sujlam-Suflam	1.00.00	M/s Sukhvinder	344+500	LHS	2.0 Km	15000	10	1.885	12.25	3.84	35.24	60.92	30.12	10.04	19.50	-	Emb.	Approved		
8(B)	3028	13.06.2019	15.06.2019	722	Goriyad	Sujlam-Suflam	1.00.00	M/s Sukhvinder	344+500	LHS	2.0 Km	15000	10	1.890	12.10	4.78	32.14	63.08	29.31	9.93	22.50	11.6	S.G.	Approved		
8(C)	12906	29.02.2020			Goriyad	Sujlam-Suflam	1.00.00	M/s Sukhvinder	344+500	LHS	2.0 Km	15000														
8(D)	12906	29.02.2020			Goriyad	Sujlam-Suflam	1.00.00	M/s Sukhvinder	344+500	LHS	2.0 Km	15000														
9	29	16.02.2019	22.02.2019	474	Sapa	Private	0.88.02	M/s A.R. Infra	325+000	LHS	1.5 Km	13500	9	1.860	10.89	5.20	34.97	59.84	30.35	12.83	27.96	-	Emb.	Approved		
9(A)	3823	26.07.2019	26.07.2019	474	Sapa	Private	0.88.02	M/s A.R. Infra	325+000	LHS	1.5 Km	13500	9	1.874	11.94	3.42	32.51	64.07	20.63	6.91	16.30	-	Emb.	Approved		
10	175	06.03.2019	08.03.2019	29,25,28	Surwada	Sujlam-Suflam	5.12.00	M/s ABCC Builders	335+400	RHS	1.0 Km	45000	30	1.852	12.06	4.06	30.26	65.69	30.52	11.71	22.17	-	Emb.	Approved		
10 Ext.	1142(A)	16.04.2019	17.04.2019	29,25,28	Surwada	Sujlam-Suflam	5.12.00	M/s ABCC Builders	335+400	RHS	1.0 Km	45000	30	1.850	12.10	3.39	39.11	57.50	28.87	9.32	21.50	-	Emb.	Approved		
10 (A)	1301	18.04.2014	19.04.2019	29,25,28	Surwada	Sujlam-Suflam	5.12.00	M/s ABCC Builders	335+400	RHS	1.0 Km	90000	60	1.868	12.30	4.40	34.96	60.78	30.28	10.68	21.98	8.41	S.G.	Approved		
10 (B)	2207	23.05.2019	19.04.2019	29,25,28	Surwada	Sujlam-Suflam	5.12.00	M/s ABCC Builders	335+400	RHS	1.0 Km	90000	60	1.860	12.27	3.90	34.54	61.21	29.54	9.56	20.08	9.99	S.G.	Approved		
10 (C)	3784	24.07.2019	26.07.2019	29,25,28	Surwada	Sujlam-Suflam	5.12.00	M/s ABCC Builders	335+400	RHS	1.0 Km	90000	60	1.890	11.84	3.70	36.54	59.75	29.76	10.25	19.86	10.35	S.G.	Approved		
11																									Cancel	
12	47																								Cancel	
13																									Cancel	
14	60	22.02.2019	28.02.2019	45	Sadad	Private	0.71.61	M/s BGB Infra	337+800	LHS	60 mtr	10500	7	1.828	11.29	2.83	28.71	68.46	33.19	12.51	23.39	4.06	Emb.	Approved		
14 (A)	2208	23.05.2019	24.05.2019	45	Sadad	Private	0.71.61	M/s BGB Infra	337+800	LHS	60 mtr	10500	7	1.814	11.92	3.65	32.65	63.70	32.16	11.72	20.00	-	Emb.	Approved		
14 (B)	2353	27.05.2019	30.05.2019	45	Sadad	Private	0.71.61	M/s BGB Infra	337+800	LHS	60 mtr	10500	7	1.826	11.85	3.8	29.95	66.25	30.25	10.58	23.67	-	Emb.	Approved		
14 (C)	2484	29.05.2019	10.06.2019	45	Sadad	Private	0.71.61	M/s BGB Infra	337+800	LHS	60 mtr	10500	7	1.820	12.00	4.25	34.15	61.60	31.8	11.24	25.00	-	Emb.	Approved		
14(D)	2566	30.05.2019	12.06.2019	45	Sadad	Private	0.71.61	M/s BGB Infra	337+800	LHS	60 mtr	10500	7	1.830	11.50	4.68	32.58	62.74	32.5	12.1	20.00	-	Emb.	Approved		
14(E)	2658	31.05.2019	14.06.2019	45	Sadad	Private	0.71.61	M/s BGB Infra	337+800	LHS	60 mtr	10500	7	1.825	11.76	3.93	37.63	58.44	29.58	10.46	18.33	-	Emb.	Approved		
15	61	22.02.2019	03.03.2019	47	Sadad	Private	1.52.57	M/s BGB Infra	337+950	LHS	200 mtr	24000	16	1.826	11.03	5.50	33.57	60.92	32.82	11.60	29.00	-	Emb.	Approved		
16	64	23.02.2019	06.03.2019	81,82	Sadad	Private	1.582	M/s BGB Infra	336+950	RHS	780 mtr	24000	16	1.825	10.81	2.29	26.06	71.66	32.07	11.73	22.14	-	Emb.	Approved		
16 (A)	742	04.04.2019	06.04.2019	81,82	Sadad	Private	1.582	M/s BGB Infra	336+950	RHS	780 mtr	24000	16	1.831	11.57	3.60	41.58	55.32	28.60	8.86	18.02	-	Emb.	Approved		
16 (B)	2252	24.05.2019	10.06.2019	81,82	Sadad	Private	1.582	M/s BGB Infra	336+950	RHS	780 mtr	24000	16	1.838	12.05	4.23	32.03	64.80	31.20	11.80						

B/A No.	RFI No.	Date Of Sampling	Date Of Testing	Survey No.	Village	Type of land	Area (Hec.)	Contractor Name	LOCATIO N	SIDE	Lead(Mtr )	Qty (Cum m)	No. of Pit	MDD	OMC	Gravel	Sand	Silt&Cl ay	LL	PI	FSI	CBR	Used For	REMARKS		
25	580	29.03.2019	01.04.2019	364	Manpur	Private	1.15.80	M/s Sagar Infra	336+000	RHS	0.8 Km	18000	12	1.875	12.33	3.34	38.91	57.63	30.71	10.72	25.28	-	Emb.	Approved		
25 (A)	9211	26.11.2019	04.12.2019	364	Manpur	Private	1.15.80	M/s Sagar Infra	336+000	RHS	0.8 Km	18000	12	1.800	11.90	3.59	35.81	60.58	29.36	9.89	22.50	-	Emb.	Approved		
25 (B)	9211	26.11.2019	05.12.2019	364	Manpur	Private	1.15.80	M/s Sagar Infra	336+000	RHS	0.8 Km	18000	12	1.852	12.50	3.56	34.29	62.18	29.04	9.82	25.00	-	Emb.	Approved		
26	581	29.03.2019		423	Kanbha	Sujlam-Sufflam	1.12		329+550	LHS	0.5 Km													Cancel		
27	582	29.03.2019		386	Mater	Sujlam-Sufflam	0.98		323+000	RHS	0.9 Km														Cancel	
28	583	16.03.2019	15.04.2019	86	Kanbha	Sujlam-Sufflam	2.36	M/s Sagar Infra	329+600	LHS	0.5 Km	30000	20	1.865	12.51	4.76	38.13	57.1	29.37	10.88	17.33	-	Emb.	Approved		
28 (A)	2254	24.05.2019	09.06.2019	86	Kanbha	Sujlam-Sufflam	2.36	M/s Sagar Infra	329+600	LHS	0.5 Km	30000	20	1.888	11.71	3.95	47.57	49.45	27.93	9.38	17.58	-	Emb.	Approved		
28(B)	2407	28.05.2019	12.06.2019	86	Kanbha	Sujlam-Sufflam	2.36	M/s Sagar Infra	329+600	LHS	0.5 Km	30000	20	1.886	11.50	3.72	31.42	64.92	29.02	10.46	17.65	-	Emb.	Approved		
28 (C)	10175	21.12.2019	23.12.2019	86	Kanbha	Sujlam-Sufflam	2.36	M/s Sagar Infra	329+600	LHS	0.5 Km	30000	20	1.878	11.70	3.97	35.11	60.93	29.07	9.36	27.33	-	Emb.	Approved		
28 (D)	10175	21.12.2019	23.12.2019	86	Kanbha	Sujlam-Sufflam	2.36	M/s Sagar Infra	329+600	LHS	0.5 Km	30000	20	1.885	11.50	3.92	36.27	59.79	29.46	10.16	25.75	-	Emb.	Approved		
29	743	04.04.2019	12.04.2019	110	Sadad	Private	0.84.03	M/s ABCC Builders	336+350	RHS	0.1 Km	10500	7	1.885	12.58	3.10	52.46	44.3	32.1	11.05	25.00	-	Emb.	Approved		
29(A)	1098	12.04.2019	21.04.2019	110	Sadad	Private	0.84.03	M/s ABCC Builders	336+350	RHS	0.1 Km	10500	7	1.881	11.97	5.20	41.2	53.6	33.6	11.1	18.03	-	Emb.	Approved		
29(B)	1176	17.04.2019	18.04.2019	110	Sadad	Private	0.84.03	M/s ABCC Builders	336+350	RHS	0.1 Km	10500	7	1.886	12.00	4.80	34.8	60.4	32.8	12.5	19.45	-	Emb.	Approved		
29 (C)	1176	18.04.2019	20.04.2019	110	Sadad	Private	0.84.03	M/s ABCC Builders	336+350	RHS	0.1 Km	10500	7	1.880	12.10	3.60	37.8	58.6	32.6	11.6	21.64	-	Emb.	Approved		
29 (D)	2326	26.05.2019	08.06.2019	110	Sadad	Private	0.84.03	M/s ABCC Builders	336+350	RHS	0.1 Km	10500	7	1.885	12.25	4.17	34.37	61.46	30.97	10.96	21.90	11.6	S.G.	Approved		
30	795	06.04.2019	15.04.2019	484	Sapa	Private	0.88.02	M/s A.R. Infra	327+800	RHS	0.3 Km	15000	10	1.855	12.53	3.34	26.56	70.1	29.52	11.97	20.67	-	Emb.	Approved		
30 (A)	2408	28.05.2019	09.06.2019	484	Sapa	Private	0.88.02	M/s A.R. Infra	327+800	RHS	0.3 Km	15000	10	1.878	12.2	3.77	40.12	56.11	28.13	9.06	18.33	-	Emb.	Approved		
30(B)	2568	30.05.2019	12.06.2019	484	Sapa	Private	0.88.02	M/s A.R. Infra	327+800	RHS	0.3 Km	15000	10	1.876	11.86	2.82	36.66	60.52	28.63	9.93	19.34	-	Emb.	Approved		
30(C)	2673	31.05.2019	15.06.2019	484	Sapa	Private	0.88.02	M/s A.R. Infra	327+800	RHS	0.3 Km	15000	10	1.880	12.16	5.69	33.84	60.47	28.48	9.51	22.33	-	Emb.	Approved		
31	904	10.04.2019	27.04.2019	614	Padra	Sujlam-Sufflam	1.67.58	M/s World Earthmover	353+600	LHS	1.0 Km	45000	30	1.833	11.72	3.65	33.26	63.09	31.62	11.32	20	-	Emb.	Approved		
32	945	11.04.2019	05.05.2019	474	Sapa	Sujlam-Sufflam	2.60	M/s A.R. Infra	326+300	RHS	0.2 Km	39375	26	1.860	12.36	4.76	33.26	61.98	32.1	11.28	18.03	-	Emb.	Approved		
33	995	12.04.2019	28.04.2019	19	Padra	Sujlam-Sufflam	0.859	M/s Ashwani	348+400	LHS	0.4 Km	13500	9	1.850	12.85	4.46	34.73	60.83	30.33	10.91	20.37	12.83	S.G.	Approved		
33(A)	3271	22.06.2019	23.06.2019	19	Padra	Sujlam-Sufflam	0.859	M/s Ashwani	348+400	LHS	0.4 Km	13500	9	1.847	12.69	3.77	35.91	60.32	29.11	10.01	18.7	9.51	S.G.	Approved		
33(B)	3786	24.07.2019	02.08.2019	19	Padra	Sujlam-Sufflam	0.859	M/s Ashwani	348+400	LHS	0.4 Km	13500	9	1.878	12.32	5.16	33.42	61.42	18.73	6.72	17.78	12.57	S.G.	Approved		
34	1142	16.04.2019	21.04.2019	121	Sadad	Private	0.78.89	M/s ABCC Builders	336+350	LHS	0.1 Km	12000	8	1.884	12.15	3.64	36.31	60.05	30.46	10.58	20.42	11.14	S.G.	Approved		
34(A)	2410	28.05.2019	13.06.2019	121	Sadad	Private	0.78.89	M/s ABCC Builders	336+350	LHS	0.1 Km	12000	8	1.884	12.01	3.59	31.88	63.79	28.09	9.24	23.75	11.03	S.G.	Approved		
34(B)	3147	15.06.2019	26.06.2019	121	Sadad	Private	0.78.89	M/s ABCC Builders	336+350	LHS	0.1 Km	12000	8	1.855	12.21	3.83	36.77	59.40	27.84	9.17	17.91	11.2	S.G.	Approved		
34 (C)	12765	26.02.2020	26.02.2020	121	Sadad	Private	0.78.89	M/s ABCC Builders	336+350	LHS	0.1 Km	6000	4	1.873	8.39	4.30	86.37	9.33	16.15	N.P.	-	-	Backfilling	Submitted		
35	1470	27.04.2019	01.05.2019	309	Chapad	Sujlam-Sufflam	1.15.62	M/s World Earthmover	352+200	RHS	0.7 Km	22500	15	1.882	11.91	3.42	38.34	58.24	29	9.29	23.05	-	Emb.	Approved		
36	1545	02.05.2019	05.05.2019	309	Sadad	Private	0.50.150	M/s BGG Earthmover	336+500	LHS	0.4 Km	21375	14	1.860	12.67	5.50	33.5	62.00	31.10	11.52	27.67	13.37	S.G.	Approved		
36(A)	3092	15.06.2019	18.06.2019	309	Sadad	Private	0.50.150	M/s BGG Earthmover	336+500	LHS	0.4 Km	21375	14	1.838	11.66	3.72	40.35	55.71	28.63	9.92	17.62	10.71	S.G.	Approved		
36(B)	3248	21.06.2019	21.06.2019	309	Sadad	Private	0.50.150	M/s BGG Earthmover	336+500	LHS	0.4 Km	21375	14	1.854	11.58	3.77	39.91	56.32	29.11	9.08	11.95	11.23	S.G.	Approved		
36(C)	12766	26.02.2020	26.02.2020	309	Sadad	Private	0.50.150	M/s BGG Earthmover	336+500	LHS	0.4 Km	6000	4	1.896	8.38	5.02	83.9	11.08	16.71	N.P.	-	-	Backfilling	Submitted		
37	1601	04.05.2019	09.05.19	485	Tajpura	Sujlam-Sufflam	2.85.59	M/s World Earthmover	354+500	LHS	5.0 Km	30000	20	1.835	11.37	3.90	36.58	59.51	29.06	10.72	20.67	-	Emb.	Approved		
37(A)	6973	18.10.2019	06.11.2019	485	Tajpura	Sujlam-Sufflam	2.85.59	M/s World Earthmover	354+500	LHS	5.0 Km	30000	20	1.896	10.40	4.41	35.41	59.70	28.83	9.08	15.92	12.14	S.G.	Approved		
38	1694	07.05.2019	18.05.2019	442	Aangharaj	Sujlam-Sufflam	0.62.73	M/s World Earthmover	354+700	LHS	0.7 Km	30000	20	1.849	10.84	4.34	34.05	61.62	27.73	8.69	20.79	-	Emb.	Approved		
39	1695	07.05.2019	23.05.2019	454	Ghayaj	Sujlam-Sufflam	2.75.05	M/s Ashwani	347+700	LHS	0.5 Km	45000	30	1.850	10.54	3.91	37.8	58.29	28.20	9.65	19.50	8.98	S.G.	Approved		
40	1742	09.05.2019	14.05.19	374	Patodh	Sujlam-Sufflam	3.49.13	M/s Ashwani	349+400	RHS	4.0 Km	45000	30	1.881	11.65	4.35	35.85	59.8	30.29	11.46	22.75	11.69	S.G.	Approved		
40(A)	11295	20.01.2020	06.02.2020	374	Patodh	Sujlam-Sufflam	3.49.13	M/s Ashwani	349+400	RHS	4.0 Km	45000	30	1.897	12.28	3.02	57.7	40.09	28.43	9.15	18.89	12.18	S.G.	Submitted		
40(B)	11295	20.01.2020	08.02.2020	374	Patodh	Sujlam-Sufflam	3.49.13	M/s Ashwani	349+400	RHS	4.0 Km	45000	30	1.896	12.35	4.6	38.5	56.9	28.76	9.05	18.33	9.77	S.G.	To be Submitted		
40(C)	12510	20.02.2020	21.02.2020	374	Patodh	Sujlam-Sufflam	3.49.13	M/s Ashwani	349+400	RHS	4.0 Km	45000	30	1.882	12.11	4.75	35.00	62.25	27.89	8.68	16.67	8.60	S.G.	To be Submitted		
40(D)	12640	20.02.2020	04.03.2020	374	Patodh	Sujlam-Sufflam	3.49.13	M/s Ashwani	349+400	RHS	4.0 Km	45000	30	1.873	12.23	4.5	33.00	58.69	28.48	9.1	15.92	-	Emb.	In process		
41	1743	09.05.2019	12.05.19	115	SANPA	Sujlam-Sufflam	2.02.01	M/s Supernova	326+000	RHS	0.5 Km	30000	20	1.852	11.29	4.02	38.61	57.38	29.7	9.95	20.33	-	Emb.	Approved		
41(A)	2660	31.05.2019	11.06.2019	115	SANPA	Sujlam-Sufflam	2.02.01	M/s Supernova	326+000	RHS	0.5 Km	30000	20	1.850	11.48	3.34	36.5	60.17	30.37	10.84	20.5	-	Emb.	Approved		
42	1857	13.05.2019							348+300	RHS	0.5 Km														Cancel	
43	1858	13.05.2019							344+000	LHS	7.0 Km															Cancel
44	1935	15.05.2019	04.06.2019	183	Khanda	Private	0.85.62	M/s Katyayani	340+750	RHS	0.8 Km	30000	20	1.850	12.10	3.74	30.62	65.64	30.00	10.25	17.25	-	Emb.	Approved		
45	2097	20.05.2019	31.05.2019	348	Husepur	Private	0.82.45	M/s BGG Earthmover	338+500	L																

B/A No.	RFI No.	Date Of Sampling	Date Of Testing	Survey No.	Village	Type of land	Area (Hec.)	Contractor Name	LOCATIO N	SIDE	Lead(Mtr )	Qty (Cum m)	No. of Pit	MDD	OMC	Gravel	Sand	Silt&Cl ay	LL	PI	FSI	CBR	Used For	REMARKS
52 (E)	11296	20.01.2020	20.01.2020	194/B	Kanbha	Private	1.03.00	Krishna Construction	330+300	LHS	650 mtr	15000	10	1.865	12.25	3.2	36.27	60.50	28.87	8.88	25.15	-	Emb.	Submitted
53	7983	04.11.2019	10.11.2019	43	Jaspur	Sujlam-Suflam	21.68.11	M/s World Earthmover	354+800	LHS	8.0 Km	93188	62	1.827	11.16	1.80	68.81	29.42	25.24	N.P.	18.6	-	Emb.	Approved
53 (A)	11855	04.02.2020	11.02.2020	43	Jaspur	Sujlam-Suflam	21.68.11	M/s World Earthmover	354+800	LHS	8.0 Km	93188	62	1.862	12.33	2.68	78.65	18.68	22.15	N.P.	19.97	12.44	S.G.	Submitted
53 (B)	11855	04.02.2020		43	Jaspur	Sujlam-Suflam	21.68.11	M/s World Earthmover	354+800	LHS	8.0 Km	93188	62										S.G.	In process
53 (C)	12592	22.02.2020		43	Jaspur	Sujlam-Suflam	21.68.11	M/s World Earthmover	354+800	LHS	8.0 Km	93188	62											In process
53 (D)	12592	22.02.2020		43	Jaspur	Sujlam-Suflam	21.68.11	M/s World Earthmover	354+800	LHS	8.0 Km	93188	62											In process
54	8289	09.11.2019	08.11.2019		Pingalwada	Sujlam-Suflam			339+200	RHS	8.0 Km		1	1.980	6.30	1.8	89.13	9.07	17.15	N.P.	-	-	Backfill ing	Approved
55	8290	09.11.2019	14.11.2019	353	Husepur	Private	0.59.16	M/s BGB Earthmover	338+500	LHS	500 mtr	6188	4	1.828	12.34	4.25	31.33	64.42	29.05	9.71	18.33	-	Emb.	Approved
55(A)	8733	16.11.2019	27.11.2019	353	Husepur	Private	0.59.16	M/s BGB Earthmover	338+500	LHS	500 mtr	6188	4	1.803	12.33	3.93	37.60	58.48	29.64	10.84	17.92	-	Emb.	Approved
55(B)	8733	16.11.2019	28.11.2019	353	Husepur	Private	0.59.16	M/s BGB Earthmover	338+500	LHS	500 mtr	6188	4	1.821	12.53	3.60	35.85	60.55	29.3	10.44	19.58	-	Emb.	Approved
55(C)	9664	07.12.2019	15.12.2019	353	Husepur	Private	0.59.16	M/s BGB Earthmover	338+500	LHS	500 mtr	6188	4	1.840	12.3	4.03	30.98	65.00	29.29	9.34	17.92	-	Emb.	Approved
55(D)	9664	07.12.2020	16.12.2019	353	Husepur	Private	0.59.16	M/s BGB Earthmover	338+500	LHS	500 mtr	6188	4	1.824	12.3	3.68	33.25	63.08	29.2	9.95	18.75	-	Emb.	Approved
56	8563	13.11.2019	15.11.2019	241	Kamola	Private	1.20.59	M/s Banraj Construction	326+500	RHS	2.0 km	15000	10	1.831	13.00	1.80	33.56	64.70	30.56	9.85	18.33	-	Emb.	Approved
56(A)	10085	19.12.2019	23.12.2019	241	Kamola	Private	1.20.59	M/s Banraj Construction	326+500	RHS	2.0 km	15000	10	1.834	12.74	3.32	30.5	66.18	29.7	9.7	20.5	-	Emb.	Approved
56(B)	10085	19.12.2019	24.12.2019	241	Kamola	Private	1.20.59	M/s Banraj Construction	326+500	RHS	2.0 km	15000	10	1.844	12.37	2.52	31.64	65.84	29.92	9.87	19.17	-	Emb.	Approved
56(C)	10321	24.12.2019	29.12.2019	241	Kamola	Private	1.20.59	M/s Banraj Construction	326+500	RHS	2.0 km	15000	10	1.868	11.50	3.41	36.45	60.30	28.17	9.13	17.67	-	Emb.	Approved
56(D)	10321	24.12.2019	29.12.2019	241	Kamola	Private	1.20.59	M/s Banraj Construction	326+500	RHS	2.0 km	15000	10	1.857	12.00	3.60	31.1	65.30	29.57	9.73	17.66	-	Emb.	Approved
56(E)	11296	05.01.2020	06.01.2020	241	Kamola	Private	1.20.59	M/s Banraj Construction	326+500	RHS	2.0 km	15000	10	1.862	11.85	3.01	36.99	60.00	28.81	9.15	19.75	-	Emb.	Submitted
57	9131	24.11.2019	27.11.2019	249	Amla	Private	0.87.16	M/s BGB Earthmover	340+200	LHS	100 mtr	15000	10	1.846	12.24	2.6	30.4	67	30.2	10.28	18.46	3.84	Emb.	Approved
57(A)	10084	19.12.2019	06.01.2020	249	Amla	Private	0.87.16	M/s BGB Earthmover	340+200	LHS	100 mtr	15000	10	1.825	11.7	3.38	31.48	64.69	30.23	10.06	16.5	-	Emb.	Approved
57(B)	10084	19.12.2019	06.01.2020	249	Amla	Private	0.87.16	M/s BGB Earthmover	340+200	LHS	100 mtr	15000	10	1.845	11.8	4.65	33.52	61.83	29.64	9.95	22	-	Emb.	Approved
58	9132	24.11.2019	14.12.2019	19	Darapura	Private	0.98.70	M/s Ashwani	348+500	RHS	5.0 Km	12000	8	1.857	10.57	3.64	33.36	63.00	28.95	9.16	20	3.64	Emb.	Approved
58(A)	10178	21.12.2019	11.01.2020	19	Darapura	Private	0.98.70	M/s Ashwani	348+500	RHS	5.0 Km	12000	8	1.884	12.39	3.22	35.92	60.86	29.89	9.86	16.87	-	Emb.	Approved
58(B)	10178	21.12.2019	13.01.2020	19	Darapura	Private	0.98.70	M/s Ashwani	348+500	RHS	5.0 Km	12000	8	1.850	12.75	2.86	37.39	59.75	29.66	9.5	17.6	-	Emb.	Approved
58(C)	12593	22.02.2020	09.03.2020	19	Darapura	Private	0.98.70	M/s Ashwani	348+500	RHS	5.0 Km	12000	8	1.880	12.22	3.15	38.51	58.34	28.56	9.12	15.25	-	Emb.	To be Submitted
58(D)	12593	22.02.2020	09.03.2020	19	Darapura	Private	0.98.70	M/s Ashwani	348+500	RHS	5.0 Km	12000	8	1.891	12.37	3.4	36.4	60.20	28.54	9.51	15.67	-	Emb.	To be Submitted
59	9548	04.12.2019	06.12.2019	45	Sadad	Private	0.71.61	M/s BGB Earthmover	337+870	LHS	0.4 Km	7500	5	1.842	12.37	3.42	36.36	60.22	29.5	9.51	18.66	2.42	Emb.	Approved
59(A)	9548	04.12.2019	06.12.2019	45	Sadad	Private	0.71.61	M/s BGB Earthmover	337+870	LHS	0.4 Km	7500	5	1.84	12.07	3.78	36	60.22	29.38	10.63	20	-	Emb.	Approved
59(B)	10179	21.12.2019	02.01.2020	45	Sadad	Private	0.71.61	M/s BGB Earthmover	337+870	LHS	0.4 Km	7500	5	1.891	12.45	3.56	40.97	55.47	29.44	10.06	16.33	-	Emb.	Approved
59(C)	10179	21.12.2019	02.01.2020	45	Sadad	Private	0.71.61	M/s BGB Earthmover	337+870	LHS	0.4 Km	7500	5	1.857	12.51	3.44	33.82	62.74	29.25	9.65	19.00	-	Emb.	Approved
60	9663	07.12.2019	09.12.2019	194	Amla	Private	0.95.38	M/s BGB Earthmover	340+800	RHS	100 mtr	13500	9	1.847	12.4	3.7	34.5	61.80	29.34	9.86	17.78	4.09	Emb.	Approved
60(A)	10180	21.12.2019	25.12.2019	194	Amla	Private	0.95.38	M/s BGB Earthmover	340+800	RHS	100 mtr	13500	9	1.862	11.75	4.04	31.62	64.34	29.03	9.53	14.59	6.75	Emb.	Approved
60(B)	10180	21.12.2019	25.12.2019	194	Amla	Private	0.95.38	M/s BGB Earthmover	340+800	RHS	100 mtr	13500	9	1.870	12.40	3.57	31.61	64.82	28.83	9.57	13.52	-	Emb.	Approved
60(C)	10753	05.01.2020	06.01.2020	194	Amla	Private	0.95.38	M/s BGB Earthmover	340+800	RHS	100 mtr	13500	9	1.875	12.25	3.6	35.39	61.01	28.64	8.96	19.96	8.69	S.G.	Submitted
60(D)	10753	05.01.2020	06.01.2020	194	Amla	Private	0.95.38	M/s BGB Earthmover	340+800	RHS	100 mtr	13500	9	1.865	12.00	3.33	36.99	59.68	28.78	9.21	19.26	-	Emb.	Submitted
60(E)	12361	16.02.2020	28.02.2020	194	Amla	Private	0.95.38	M/s BGB Earthmover	340+800	RHS	100 mtr	13500	9	1.888	12.35	3.42	32.6	63.98	29.15	8.95	16.67	-	Emb.	To be Submitted
61	9773	13.12.2019	14.12.2019	370	Shihor	Private	8.96.83	Rudra Enterprises	348+400	RHS	8.0 Km	25875	17	1.869	12.90	4.23	31.94	63.84	29.68	9.33	20.84	-	Emb.	Approved
62	10086	19.12.2019	21.12.2019	190	Riyapura	Private	1.57.83	Piyush Parik	351+800	LHS	10.0 KM	21375	14	1.875	12.55	3.84	40.66	55.53	29.57	10.13	15.86	-	Emb.	Approved
62(A)	11601	28.01.2020	02.02.2020	190	Riyapura	Private	1.57.83	Piyush Parik	351+800	LHS	10.0 KM	21375	14	1.915	12.31	4.1	38.4	57.50	28.85	9.75	16.33	-	Emb.	To be Submitted
62(B)	11601	28.01.2020	02.02.2020	190	Riyapura	Private	1.57.83	Piyush Parik	351+800	LHS	10.0 KM	21375	14	1.890	12.25	3.95	39.4	56.65	28.6	9.8	17.58	-	Emb.	To be Submitted
62(C)	12512	20.02.2020		190	Riyapura	Private	1.57.83	Piyush Parik	351+800	LHS	10.0 KM	21375	14											In process
62(D)	12512	20.02.2020		190	Riyapura	Private	1.57.83	Piyush Parik	351+800	LHS	10.0 KM	21375	14											In process
63	10130	20.12.2019	23.12.2019	444	Sanpa	Private	0.70.28	M/s Banraj Construction	327+000	RHS	0.6 Km	6188	4	1.886	12.62	4.65	31.05	64.30	29.43	10.3	16.67	-	Emb.	Approved
63(A)	10130	20.12.2019	24.12.2019	444	Sanpa	Private	0.70.28	M/s Banraj Construction	327+000	RHS	0.6 Km	6188	4	1.902	12.15	4.08	30.75	64.98	29.29	9.95	16.91	-	Emb.	Approved
63(B)	10130	20.12.2019	26.12.2019	444	Sanpa	Private	0.70.28	M/s Banraj Construction	327+000	RHS	0.6 Km	6188	4	1.885	12.40	4.95	34.88	60.18	29.28	9.14	20.42	-	Emb.	Submitted
64	10175	21.12.2019																						Cancel
65	10320	24.12.2019	24.12.2019	364	Shihor	Private	0.95.79	Rudra Enterprises	351+400	RHS	12.5 KM	10500	7	1.887	12.35	5.79	28.81	65.40	29.34	9.85	16.9	-	Emb.	Approved
65(A)	10320	24.12.2019	27.12.2019	364	Shihor	Private	0.95.79	Rudra Enterprises	351+400	RHS	12.5 KM	10500	7	1.851	12.40	3.81	36.16	60.03	29.53	10.07	18.33	-	Emb.	Approved
65(B)	10751	05.01.2020	07.01.2020	364	Shihor	Private	0.95.79	Rudra Enterprises	351+400	RHS	12.5 KM	10500	7	1.865	12.28	4.19	36.25	59.28	28.8	8.96	18.33	-	Emb.	Approved
65(C)	10751	05.01.2020	07.01.2020	364	Shihor	Private	0.95.79	Rudra Enterprises	351+400	RHS	12.5 KM	10500	7	1.872	12.35	3.93	34.91	61.16	28.9	9.15	17.38	-	Emb.	Approved
66	10322	24.12.2019	28.12.2019	121	Sadad	Private	1.08.72	M/s ABCC Builders	336+350	RHS	0.9 Km	15000	10	1.860	11.30	3.15	32.27	64.58	28.81	9.34	19.5	-	Emb.	Approved
66(A)	10322	24.12.2019	29.12.2019	121	Sadad	Private	1.08.72	M/s ABCC Builders	336+350	RHS	0.9 Km	15000	10	1.883	10.60	4.33	32.22	59.45	29.7	10.16	16.38	4.76	Emb.	Approved
67	10323	24.12.2019	28.12.2019	148	Manpur	Private	2.79.07	M/s ABCC Builders	335+400	RHS	2.0 Km	22500	15	1.897	11.81	3.88	64.76	31.29	29.51	8.57	18.67	6.27	Emb.	Approved
67A	10323	24.12.2019	30.12.2019	148	Manpur	Private	2.79.07	M/s ABCC Builders	335+400	RHS	2.0 Km	22500	15	1.885	11.90	8.97	58.00	33.03	25.93	5.40	19.44	11.66	S.G.	Approved
67EX	1																							

B/A No.	RFI No.	Date Of Sampling	Date Of Testing	Survey No.	Village	Type of land	Area (Hec.)	Contractor Name	LOCATIO N	SIDE	Lead(Mtr )	Qty (Cum m)	No. of Pit	MDD	OMC	Gravel	Sand	Silt&Cl ay	LL	PI	FSI	CBR	Used For	REMARKS										
71(B)	12548	21.02.2020	05.03.2020	433	Sanpa	Private	2.97.61	Dwarkesh	325+700	LHS	1.0 km	22500	15	1.884	11.93	4.15	35.15	60.70	29.16	8.12	15.57	-	Emb.	In process										
71(C)	12548	21.02.2020	06.03.2020	433	Sanpa	Private	2.97.61	Dwarkesh	325+700	LHS	1.0 km	22500	15	1.881	12.50	3.78	37.48	58.74	29.45	8.45	16.27	-	Emb.	In process										
72	11225	18.01.2020	21.01.2020	244	Abhara	Private	1.58.56	M/s Radhe Krishna	330+500	LHS	2.0 km	22500	15	1.865	12.50	4.06	38.01	57.93	28.35	8.74	13.30	4.19	Emb.	Submitted										
72(A)	11225	18.01.2020	21.01.2020	244	Abhara	Private	1.58.56	M/s Radhe Krishna	330+500	LHS	2.0 km	22500	15	1.872	12.40	4.3	38.45	57.25	28.2	9.47	13.8	-	Emb.	Submitted										
72(B)	12549	21.02.2020	27.02.2020	244	Abhara	Private	1.58.56	M/s Radhe Krishna	330+500	LHS	2.0 km	22500	15	1.875	11.85	3.07	36.99	59.93	28.51	9.19	13.33	-	Emb.	Submitted										
72(C)	12549	21.02.2020	27.02.2020	244	Abhara	Private	1.58.56	M/s Radhe Krishna	330+500	LHS	2.0 km	22500	15	1.880	11.90	3.1	37.9	59.00	26.81	8.12	18.78	-	Emb.	Submitted										
73	11259	19.01.2020	28.01.2020	728	Khamda	Private	0.65.28	M/s Katyayni	342+600	LHS	800 Mtr.	10500	7	1.882	12.50	3.29	36.42	60.29	28.76	9.2	20.72	4.88	Emb.	Submitted										
73(A)	11259	19.01.2020	07.02.2020	728	Khamda	Private	0.65.28	M/s Katyayni	342+600	LHS	800 Mtr.	10500	7	1.889	12.58	3.8	36.4	59.80	29.14	9.15	17.33	3.8	Emb.	To be Submitted										
73(B)	12550	21.02.2020	06.03.2020	728	Khamda	Private	0.65.28	M/s Katyayni	342+600	LHS	800 Mtr.	10500	7	1.852	12.75	4.8	35.4	59.80	28.45	8.85	18.33	-	Emb.	In process										
73(C)	12550	21.02.2020	06.03.2020	728	Khamda	Private	0.65.28	M/s Katyayni	342+600	LHS	800 Mtr.	10500	7	1.86	12.60	4.2	38.57	57.23	29.1	9.1	19.1	-	Emb.	In process										
74	11349	21.01.2020	24.01.2020	140	Shihor	Private	19.29.42	Rudra Enterprises	351+000	RHS	13 KM	15000	10	1.903	12.70	4.34	35.55	60.11	28.99	9.03	16.83	4.42	Emb.	Approved										
74(A)	11349	21.01.2020	06.02.2020	140	Shihor	Private	19.29.42	Rudra Enterprises	351+000	RHS	13 KM	15000	10	1.884	12.40	2.88	32.44	64.69	28.68	9.05	17.67	-	Emb.	Approved										
74(B)	12551	21.02.2020	07.03.2020	140	Shihor	Private	19.29.42	Rudra Enterprises	351+000	RHS	13 KM	15000	10	1.892	11.89	3.54	34.8	61.66	29.15	8.58	16.67	-	Emb.	To be Submitted										
74(C)	12551	21.02.2020	07.03.2020	140	Shihor	Private	19.29.42	Rudra Enterprises	351+000	RHS	13 KM	15000	10	1.901	12.06	4.1	35.12	60.78	28.75	8.75	16.65	-	Emb.	To be Submitted										
75	11350	21.01.2020	29.01.2020	244	Kabolaa	Sujlam-Suflam	0.87.01	Baba Ramdev	327+300	RHS	1 KM	15000	10	1.876	12.15	4.07	85.87	10.06	15.83	N.P.	11.67	12.67		Backfilling & Backfilling	To be Submitted									
75(A)	11350	21.01.2020	06.02.2020	244	Kabolaa	Sujlam-Suflam	0.87.01	Baba Ramdev	327+300	RHS	1 KM	15000	10	1.892	12.48	4.4	84.35	11.25	14.5	N.P.	13.33	14.3		Backfilling & Backfilling	To be Submitted									
75(B)	12513	20.02.2020	28.02.2020	244	Kabolaa	Sujlam-Suflam	0.87.01	Baba Ramdev	327+300	RHS	1 KM	15000	10	1.897	12.26	3.42	86.06	10.52	22.25	N.P.	11.33			Backfilling & Backfilling	To be Submitted									
75(C)	12513	20.02.2020	29.02.2020	244	Kabolaa	Sujlam-Suflam	0.87.01	Baba Ramdev	327+300	RHS	1 KM	15000	10	1.887	12.30	2.79	86.01	11.20	21.85	N.P.	13.33			Backfilling & Backfilling	To be Submitted									
76	11637	29.01.2020	30.01.2020	444	Bhayeli	Private	0.71.83	Baba Ramdev	351+100	LHS	5.0KM	7500	5	1.877	12.34	3.06	47.46	49.48	30.06	10.02	22.67	4.65	Emb.	Approved										
76(A)	11637	29.01.2020	05.02.2020	444	Bhayeli	Private	0.71.83	Baba Ramdev	351+100	LHS	5.0KM	7500	5	1.886	11.80	3.64	35.78	60.58	29.13	9.8	26.5	-	Emb.	Approved										
76 (B)	12595	22.02.2020		444	Bhayeli	Private	0.71.83	Baba Ramdev	351+100	LHS	5.0KM	7500	5												In process									
77	11676	30.01.2020	31.01.2020	7	Shewasi	Private	0.72.85	Baba Ramdev	351+100	RHS	2.5 KM	7500	5	1.895	12.30	4.14	36.99	58.87	28.89	9.41	23.67	-	Emb.	Approved										
77(A)	11676	30.01.2020	05.02.2020	7	Shewasi	Private	0.72.85	Baba Ramdev	351+100	RHS	2.5 KM	7500	5	1.888	12.37	3.84	35.06	61.10	29.76	9.12	25.67	4.54	Emb.	Approved										
77(B)	12596	22.02.2020	12.03.2020	7	Shewasi	Private	0.72.85	Baba Ramdev	351+100	RHS	2.5 KM	7500	5	1.880	12.22	4.2	37.8	58.00	29.14	8.89	22.56	-	Emb.	To be Submitted										
78	11677	30.01.2020	05.02.2020	197	Madhapur	Private	1.04.75	Baba Ramdev	348+500	LHS	3.0 KM	15000	10	1.900	12.21	3.23	33.11	63.66	30.08	10.13	16.83	-	Emb.	Approved										
78(A)	11677	30.01.2020	06.02.2020	197	Madhapur	Private	1.04.75	Baba Ramdev	348+500	LHS	3.0 KM	15000	10	1.918	12.36	3.16	33.59	63.26	29.81	9.98	17.33	-	Emb.	Approved										
78(B)	12597	22.02.2020	11.03.2020	197	Madhapur	Private	1.04.75	Baba Ramdev	348+500	LHS	3.0 KM	15000	10	1.890	12.11	4.15	35.4	60.45	30.15	9.55	18.33	-	Emb.	To be Submitted										
78(C)	12597	22.02.2020	11.03.2020	197	Madhapur	Private	1.04.75	Baba Ramdev	348+500	LHS	3.0 KM	15000	10	1.887	12.39	3.8	38.9	57.30	30.2	9.87	18.75	-	Emb.	To be Submitted										
79	11678	30.01.2020	07.02.2020	308/1	Kalali	Private	0.81.72	Baba Ramdev	351+100	RHS	5.0 KM	6188	4	1.89	12.28	4.23	33.28	62.50	29.20	9.00	17.50	-	Emb.	Approved										
79(A)	11678	30.01.2020	07.02.2020	308/1	Kalali	Private	0.81.72	Baba Ramdev	351+100	RHS	5.0 KM	6188	4	1.905	12.39	3.20	33.60	63.20	29.08	8.98	17.50	-	Emb.	Approved										
80	11679	30.01.2020	31.01.2020	172	Sadad	Private	0.50.45	M/s BGB Earthmover	336+350	LHS	500 mtr	7500	5	1.893	12.30	5.20	56.22	35.58	29.85	10.41	17.33	12.84	S.G.	Approved										
80(A)	11679	30.01.2020	01.02.2020	172	Sadad	Private	0.50.45	M/s BGB Earthmover	336+350	LHS	500 mtr	7500	5	1.910	12.05	4.31	58.75	36.94	29.8	10.18	20.66	13.33	S.G.	Approved										
80(B)	12509	20.02.2020	24.02.2020	172	Sadad	Private	0.50.45	M/s BGB Earthmover	336+350	LHS	500 mtr	7500	5	1.892	12.25	3.62	68.14	28.24	22.12	N.P.	11.33			In process										
80(C)	12509	20.02.2020	25.02.2020	172	Sadad	Private	0.50.45	M/s BGB Earthmover	336+350	LHS	500 mtr	7500	5	1.896	12.10	3.5	67.58	28.92	21.85	N.P.	13.33			In process										
81	11712	31.01.2020	01.02.2020	560	Sanpa	Private	2.00.57	M/s Radhe Krishna	324+300	LHS	600 mtr	15000	10	1.883	12.32	4.04	35.53	60.40	28.63	9.08	18.83	6.53	Emb.	Approved										
81(A)	11712	31.01.2020	01.02.2020	560	Sanpa	Private	2.00.57	M/s Radhe Krishna	324+300	LHS	600 mtr	15000	10	1.886	12.25	3.81	35.91	60.28	28.98	9.00	16.67	6.98	Emb.	Approved										
81(B)	12508	20.02.2020	27.02.2020	560	Sanpa	Private	2.00.57	M/s Radhe Krishna	324+300	LHS	600 mtr	15000	10	1.872	12.32	2.87	36.33	60.80	28.87	8.78	19.5	10.50	S.G.	Approved										
81(c)	12508	20.02.2020		560	Sanpa	Private	2.00.57	M/s Radhe Krishna	324+300	LHS	600 mtr	15000	10	1.877	12.29										In process									
82	12360	16.02.2020	19.02.2020	367	Sanpa	Private	0.99.61	Dwarkesh	324+900	RHS	400 mtr	10500	7	1.871	12.18	2.78	36.08	61.14	28.77	8.9	19.19	9.89	S.G.	Approved										
82(A)	12360	16.02.2020		367	Sanpa	Private	0.99.61	Dwarkesh	324+900	RHS	400 mtr	10500	7												In process									
83	12507	20.02.2020	23.02.2020		Kanbha	Sujlam-Suflam		Krishna Construction	329+000	LHS	100 mtr	10500	7	1.883	12.31	2.81	36.19	61.00	28.67	8.86	17.85	-	Emb.	Submitted										
83A	12507	20.02.2020	25.02.2020		Kanbha	Sujlam-Suflam		Krishna Construction	329+000	LHS	100 mtr	10500	7	1.895	12.35	3.5	37.55	58.95	28.75	8.88	16.67	-	Emb.	To be Submitted										
84	12764	26.02.2020	26.02.2020						341+700	LHS	0.5 Km	6188	4	1.878	10.32	2.86	34.14	63.00	28.7	8.95	19.58	-	Emb.	Submitted										
84A	12764	26.02.2020	27.02.2020						341+700	LHS	0.5 Km	6188	4	1.867	12.25	3.01	31.33	65.66	28.65	8.15	20	s	Emb.	To be Submitted										
												Total Qty.	7113626																					

For EPC CONTRACTOR REPRESENTATIVE

Concessionaire Representative

FOR IE REPRESENTATIVE



## MONTHLY WEATHER REPORT

**Eight-laning of Vadodara Kim Expressway from km 323.00 to km 355.00 (Sapna to Padra Section of Vadodara Mumbai Expressway) in the state of Gujrat under NHDP Phase -VI on EPC Mode (Phase IA - Package-II)**

**For The Month of March-2020**

Client	National Highways Authority of India
Concessionaire	Ircon Vadodara Kim Expressway Ltd.
Independent Engineer	Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.
EPC Contractor	Ircon International Ltd.
Contractor	Patel Infrastructure Ltd.

S. No.	DATE	TEMPRATURE (°C)		HUMIDITY (%)		RAINFALL (mm)	CUMMULATIVE RAINFALL (mm)	WEATHER	REMARKS
		Min.	Max.	Min.	Max.				
1	01-Mar-20	22.30	37.70	29.00	75.00	-	-	Sunny	
2	02-Mar-20	21.80	32.40	29.00	81.00	-	-	Sunny	
3	03-Mar-20	22.30	31.60	44.00	83.00	-	-	Sunny	
4	04-Mar-20	22.30	30.40	30.00	83.00	-	-	Sunny	
5	05-Mar-20	22.30	31.60	30.00	83.00	-	-	Sunny	
6	06-Mar-20	21.10	31.60	30.00	83.00	-	-	Sunny	
7	07-Mar-20	20.20	29.70	21.00	58.00	-	-	Sunny	
8	08-Mar-20	20.20	31.20	26.00	56.00	-	-	Sunny	
9	09-Mar-20	20.20	31.70	26.00	69.00	-	-	Sunny	
10	10-Mar-20	20.20	32.50	26.00	69.00	-	-	Sunny	
11	11-Mar-20	20.20	32.50	26.00	71.00	-	-	Sunny	
12	12-Mar-20	19.60	32.50	23.00	71.00	-	-	Sunny	
13	13-Mar-20	18.60	27.30	32.00	60.00	-	-	Sunny	
14	14-Mar-20	19.10	29.90	19.00	52.00	-	-	Sunny	
15	15-Mar-20	20.10	31.00	17.00	42.00	-	-	Sunny	
16	16-Mar-20	21.10	31.50	19.00	54.00	-	-	Sunny	
17	17-Mar-20	21.40	32.20	24.00	74.00	-	-	Sunny	
18	18-Mar-20	22.40	32.60	24.00	72.00	-	-	Sunny	
19	19-Mar-20	20.10	35.70	17.00	73.00	-	-	Sunny	
20	20-Mar-20	21.10	34.50	18.00	72.00	-	-	Sunny	

**Cummulative Rainfall Till Date**

- mm

*(Signature)*  
EPC Representative

*(Signature)*  
Concessionaire Representative

*(Signature)*  
IE Representative



NATIONAL HIGHWAYS AUTHORITY OF INDIA

Eight-laning of Vadodara Kim Expressway from km 323.00 to km 355.00 (Sapna to Padra Section of Vadodara Mumbai Expressway) in the state of Gujarat under NHDP Phase-VI on EPC Mode (Phase IA - Package-II)

Client National Highways Authority of India  
 Concessionaire Iron Vadodara Kim Expressway Ltd  
 Independent Engineer Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.  
 EPC Contractor Iron International Ltd.  
 Contractor Patel Infrastructure Ltd.

MONTHLY PROGRESS REPORT (PKG-II)

Mar. 2020 (Upto 20<sup>th</sup> march)

S.No	Description of Test	No. of Test Conducted upto previous month				No. of Test Conducted during this Month				Cumulative Total		Remarks
		Results		No. of Test Conducted	Results		No. of Test Conducted	Results		Passed	Failed	
		Passed	Failed		Passed	Failed						
1	Proctor Test	226	0	0	0	0	0	226	0	226	0	Frequency of testing is as per specification
2	LL/PI	226	0	0	0	0	0	226	0	226	0	
3	Sand Content (GSA)	226	0	0	0	0	0	226	0	226	0	
4	Free Swell Index	226	0	0	0	0	0	226	0	226	0	
5	C.B.R	30	0	0	0	0	0	30	0	30	0	

S.No	Description of Test	No. of Test Conducted upto previous month				No. of Test Conducted during this Month				Cumulative Total		Remarks
		Results		No. of Test Conducted	Results		No. of Test Conducted	Results		Passed	Failed	
		Passed	Failed		Passed	Failed						
1	Proctor Test	0	0	0	0	0	0	0	0	0	0	Frequency of testing is as per specification
2	LL/PI	0	0	0	0	0	0	0	0	0	0	
3	Sand Content (GSA)	0	0	0	0	0	0	0	0	0	0	
4	Free Swell Index	0	0	0	0	0	0	0	0	0	0	
5	C.B.R	0	0	0	0	0	0	0	0	0	0	

S.No	Description of Test	No. of Test Conducted upto previous month				No. of Test Conducted during this Month				Cumulative Total		Remarks
		Results		No. of Test Conducted	Results		No. of Test Conducted	Results		Passed	Failed	
		Passed	Failed		Passed	Failed						
1	Proctor Test	31	0	7	0	2	2	38	0	38	0	Frequency of testing is as per specification
2	LL/PI	13	0	7	0	2	2	20	0	20	0	
3	Sand Content (GSA)	13	0	7	0	2	2	20	0	20	0	
4	Free Swell Index	13	0	7	0	2	2	20	0	20	0	
5	C.B.R	35	2	7	0	2	2	42	2	42	2	

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 EPC Representative

*Handwritten signature*  
 Concessionaire Representative

IE Representative  
 IE Representative

NATIONAL HIGHWAYS AUTHORITY OF INDIA

Eight-laning of Vadodara Kim Expressway from km 323.00 to km 355.00 (Sapna to Padra Section of Vadodara Mumbai Expressway) in the state of Gujrat under NHDP Phase-VI on EPC Mode (Phase IA - Package-II)

Client National Highways Authority of India  
 Concessionaire Iron Vadoara Kim Expressway Ltd  
 Independent Engineer Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.  
 EPC Contractor Iron International Ltd.  
 Contractor Patel Infrastructure Ltd.

MONTHLY PROGRESS REPORT (PKG-II)

Mar. 2020 (Upto 20<sup>th</sup> march)

S.No	Description of Test	No. of Test Conducted upto previous month				No. of Test Conducted during this Month				Cummulative Total		Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		No. of Test Conducted	Results			
			Passed	Failed		Passed	Failed		Passed	Failed		
1	Proctor Test	4031	4031	0	331	0	66	4362	4362	0	Frequency of testing is as per specification	
2	LL/PI	4031	4031	0	331	0	66	4362	4362	0		
3	Sand Content (GSA)	4031	4031	0	331	0	66	4362	4362	0		
4	Free Swell Index	4031	4031	0	331	0	66	4362	4362	0		
5	C.B.R	805	746	59	16	0	4	821	762	59		
6	C.B.R (Soil Blended with Sand/Lime/Copper)	16	5	11	0	0	0	16	5	11		

S.No	Description of Test	No. of Test Conducted upto previous month				No. of Test Conducted during this Month				Cummulative Total		Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		No. of Test Conducted	Results			
			Passed	Failed		Passed	Failed		Passed	Failed		
1	Proctor Test	0	0	0	0	0	0	0	0	0	Frequency of testing is as per specification	
2	LL/PI	0	0	0	0	0	0	0	0	0		
3	Sand Content (GSA)	0	0	0	0	0	0	0	0	0		
4	Free Swell Index	0	0	0	0	0	0	0	0	0		
5	C.B.R	0	0	0	0	0	0	0	0	0		
6	C.B.R	0	0	0	0	0	0	0	0	0		

S.No	Description of Test	No. of Test Conducted upto previous month				No. of Test Conducted during this Month				Cummulative Total		Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		No. of Test Conducted	Results			
			Passed	Failed		Passed	Failed		Passed	Failed		
1	Proctor Test	8	8	0	0	0	0	8	8	0	Frequency of testing is as per specification	
2	Gradation	309	302	7	33	1	7	343	335	8		
3	LL/PI	273	273	0	34	0	7	307	307	0		
4	10% fines Value	2	2	0	0	0	0	2	2	0		
5	ATV	31	31	0	2	0	0	33	33	0		
6	C.B.R	8	8	0	0	0	0	8	8	0		

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 EPC Representative

*(Handwritten signature)*  
 Concessionaire Representative

IE Representative




NATIONAL HIGHWAYS AUTHORITY OF INDIA

Eight-laning of Vadodara Kim Expressway from km 323.00 to km 355.00 (Sappna to Padra Section of Vadodara Mumbai Expressway) in the state of Gujarat under NHDP Phase -VI on EPC Mode (Phase IA - Package-II)

Client National Highways Authority of India  
 Concessionaire Iron Vadoara Kim Expressway Ltd  
 Independent Engineer Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.  
 EPC Contractor Iron International Ltd.  
 Contractor Patel Infrastructure Ltd.

MONTHLY PROGRESS REPORT (PKG-II)  
 Mar. 2020 (Upto 20<sup>th</sup> march)

S.No	Description of Test	No. of Test Conducted upto previous month				No. of Test Conducted during this Month				Cumulative Total		Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		No. of Test Conducted	Results			
			Passed	Failed		Passed	Failed		Passed	Failed		
1	Proctor Test	0	0	0	0	0	0	0	0	0	0	Frequency of testing is as per specification
2	Gradation	4	4	2	2	0	0	6	6	0	0	
3	LL/PI	4	4	2	2	0	0	6	6	0	0	
4	A.I.V.	0	0	0	0	0	0	0	0	0	0	
5	F.I. & E.I.	0	0	0	0	0	0	0	0	0	0	
6	10% fines Value	0	0	0	0	0	0	0	0	0	0	
7	Water Absorption	0	0	0	0	0	0	0	0	0	0	
8	L.A.A.V	0	0	0	0	0	0	0	0	0	0	
9	CBR	0	0	0	0	0	0	0	0	0	0	

S.No	Description of Test	No. of Test Conducted upto previous month				No. of Test Conducted during this Month				Cumulative Total		Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		No. of Test Conducted	Results			
			Passed	Failed		Passed	Failed		Passed	Failed		
A.	Compressive Strength of concrete cubes											
1	Concrete (Grouting) 7 days	0	0	0	0	0	0	0	0	0	0	
2	M-15 Concrete 7 Days	0	0	0	0	0	0	0	0	0	0	
	28 days	0	0	0	0	0	0	0	0	0	0	
3	M-20 Concrete 7 Days	764	764	47	47	0	0	811	811	0	0	
	28 days	1691	1691	94	94	0	0	1785	1785	0	0	
4	M-25 Concrete 7 Days	0	0	0	0	0	0	0	0	0	0	
	28 days	0	0	0	0	0	0	0	0	0	0	

NATIONAL HIGHWAYS AUTHORITY OF INDIA

Client: Eight-laning of Vadodara Kim Expressway from km 323.00 to km 355.00 (Sapna to Padra Section of Vadodara Mumbai Expressway) in the state of Gujarat under NHDP Phase -VI on EPC Mode (Phase IA - Package-II)

Concessionaire: National Highways Authority of India  
 Independent Engineer: Ironcon Vadodra Kim Expressway Ltd  
 EPC Contractor: Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.  
 Contractor: Ironcon International Ltd. Patel Infrastructure Ltd.

MONTHLY PROGRESS REPORT (PKG-II)

Mar. 2020 (Upto 20<sup>th</sup> march)

	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
5 M-30 Concrete	511	1463	887	1074	147	20	5	41	511	69	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	580
7 Days																												580
28 days	1463		887	1074	147	20	5	41	1463	313	313	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1776
6 M-35 (Pile)																												1776
7 Days																												1776
28 days																												0
M-35 (RCC)																												0
7 Days																												0
28 days																												0
M-35 (RE)																												0
7 Days																												0
28 days																												0
M-40 Concrete																												0
7 Days																												0
28 days																												0
M-45 Concrete																												0
7 Days																												0
28 days																												0
M-50 Concrete																												0
7 Days																												0
28 days																												0
End Block(GP2)																												0
DLC Concrete																												0
07 days																												0
POC (M-40)																												0
7 Days																												88
28 days																												0
Beam																												0

Frequency of testing is as per specification

*Devesh*  
*Devesh*

*Bijesh M. P. L.*  
EPC Representative

*Fehad Waj*  
Concessionaire Representative

IE Representative



NATIONAL HIGHWAYS AUTHORITY OF INDIA

Eight-laning of Vadodara Kim Expressway from km 323.00 to km 355.00 (Sapna to Padra Section of Vadodara Mumbai Expressway) in the state of Gujrat under NHDP Phase-VI on EPC Mode (Phase IA - Package-II)

Client National Highways Authority of India  
 Concessionaire Iron Vadoara Kim Expressway Ltd  
 Independent Engineer Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.  
 EPC Contractor Iron International Ltd.  
 Contractor Patel Infrastructure Ltd.

MONTHLY PROGRESS REPORT (PKG-II)

Mar. 2020 (Upto 20<sup>th</sup> march)

S.No	Description of Test	No. of Test Conducted upto previous month		No. of Test Conducted during this Month		Cumulative Total		Remarks
		No. of Test Conducted	Results	No. of Test Conducted	Results	No. of Test Conducted	Results	
1	Consistency	15	15	1	1	16	16	0
2	Initial & Final Setting Time	15	15	1	1	16	16	0
3	Fineness	15	15	1	1	16	16	0
4	Specific Gravity	4	4	0	0	4	4	0
5	3 days Comp. Strength	15	15	1	1	16	16	0
6	7 days Comp. Strength	15	15	1	1	16	16	0
7	28 days Comp. Strength	7	7	0	0	7	7	0
a)	D.L.C. (Combined Gradation)	26	26	0	0	26	26	0
b)	Coarse Aggregate Gradation	335	334	1	1	336	335	1
c)	Fine Aggregate Gradation	334	334	0	0	334	334	0
d)	Flakiness Index	214	214	0	0	214	214	0
e)	Impact Test	213	213	0	0	213	213	0
f)	Specific Gravity	18	18	0	0	18	18	0
g)	Water Absorption	18	18	0	0	18	18	0
B.	Testing of stone							
a)	Petrographical Examination	4	4	0	0	4	4	0
b)	Alkali Agg Reactivity	5	5	0	0	5	5	0
c)	Chloride Content	5	5	0	0	5	5	0
d)	Sulphate Content	5	5	0	0	5	5	0
e)	Del material Content	5	5	0	0	5	5	0
f)	Sp. Gr & Water Absorption	5	5	0	0	5	5	0

Cement Testing

(i) OPC-43 Grade

S.No	Description of Test	No. of Test Conducted upto previous month		No. of Test Conducted during this Month		Cumulative Total		Remarks
		No. of Test Conducted	Results	No. of Test Conducted	Results	No. of Test Conducted	Results	
1	Consistency	15	15	1	1	16	16	0
2	Initial & Final Setting Time	15	15	1	1	16	16	0
3	Fineness	15	15	1	1	16	16	0
4	Specific Gravity	4	4	0	0	4	4	0
5	3 days Comp. Strength	15	15	1	1	16	16	0
6	7 days Comp. Strength	15	15	1	1	16	16	0
7	28 days Comp. Strength	7	7	0	0	7	7	0

Frequency of testing is as per specification

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*(Handwritten signature)*  
 EPC Representative

*(Handwritten signature)*  
 Concessionaire Representative

IE Representative  
 IE Representative

NATIONAL HIGHWAYS AUTHORITY OF INDIA

Eight-laning of Vadodara Kim Expressway from km 323.00 to km 355.00 (Sapna to Padra Section of Vadodara Mumbai Expressway) in the state of Gujarat under NHDP Phase -VI on EPC Mode (Phase IA - Package-II)

Client National Highways Authority of India  
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 Contractor Patel Infrastructure Ltd.

MONTHLY PROGRESS REPORT (PKG-II)

Mar. 2020 (Upto 20<sup>th</sup> march)

S.No	Description of Test	No. of Test Conducted upto previous month				No. of Test Conducted during this Month				Cumulative Total		Remarks
		Results		No. of Test Conducted	Results		No. of Test Conducted	Results		Passed	Failed	
		Passed	Failed		Passed	Failed						
(ii) OPC-53 Grade												
1	Consistency	141	0	16	0	157	0	157	0			
2	Initial & Final Setting Time	141	0	16	0	157	0	157	0			
3	Fineness	141	0	16	0	157	0	157	0			
4	Specific Gravity	2	0	0	0	2	0	2	0			
5	3 days Comp. Strength	142	0	14	0	156	0	156	0			
6	7 days Comp. Strength	141	0	15	0	156	0	156	0			
7	28 days Comp. Strength	123	0	15	0	138	0	138	0			
												Frequency of testing is as per specification.

Design Mix/Nominal Mix

S.No	Description of Test	No. of Test Conducted upto previous month				No. of Test Conducted during this Month				Cumulative Total		Remarks
		Results		No. of Test Conducted	Results		No. of Test Conducted	Results		Passed	Failed	
		Passed	Failed		Passed	Failed						
1	M-15	0	0	0	0	0	0	0	0	0	0	
2	M-20	48	0	0	0	48	0	48	0	0	0	
3	M-20 (Kerb)	0	0	0	0	0	0	0	0	0	0	
4	M-25	0	0	0	0	0	0	0	0	0	0	
5	M-30	49	0	0	0	49	0	49	0	0	0	
6	M-35 (R.C.C.)	49	0	0	0	49	0	49	0	0	0	
7	M-35 (Piling)	47	0	0	0	47	0	47	0	0	0	
8	M-35 (RE-Block)	9	0	0	0	9	0	9	0	0	0	
9	M-40	45	0	4	0	49	0	49	0	0	0	
10	M-45	8	0	5	0	13	0	13	0	0	0	
11	M-50	4	0	8	0	12	0	12	0	0	0	
11	GP2	0	0	0	0	0	0	0	0	0	0	
12	D.L.C.	13	0	0	0	13	0	13	0	0	0	
13	G.S.B.	2	0	0	0	2	0	2	0	0	0	
14	W.M.M.	0	0	0	0	0	0	0	0	0	0	
15	M-40 P. O. C.	0	0	0	0	0	0	0	0	0	0	
17	DBM GRADE - II	0	0	0	0	0	0	0	0	0	0	
19	BC GRADE - II	0	0	0	0	0	0	0	0	0	0	
												( 28 days Strength Achieved )
												7 days Strength Achieved

*Devi*  
*Adarsh*

*Singh*  
 EPC Representative

*Patel*  
 Concessionaire Representative

IE Representative



NATIONAL HIGHWAYS AUTHORITY OF INDIA

Eight-laning of Vadodara Kim Expressway from km 323.00 to km 355.00 (Sapna to Padra Section of Vadodara Mumbai Expressway) in the state of Gujrat under NHDP Phase - VI on EPC Mode (Phase IA - Package-II)

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MONTHLY PROGRESS REPORT (PKG-II)

Mar. 2020 (Upto 20<sup>th</sup> march)

S.No	Description of Test	No. of Test Conducted upto previous month				No. of Test Conducted during this Month				Cumulative Total		Remarks
		Results		No. of Test Conducted	Results		I.E. Witness	No. of Test Conducted	Results			
		Passed	Failed		Passed	Failed			Passed	Failed		
1	WMM Plant	0	0	0	0	0	0	0	0	0	0	
2	Concrete Batching Plant	24	0	2	0	2	0	26	0	26	0	
3	Hot Mix Plant	0	0	0	0	0	0	0	0	0	0	
4	Rapid Moisture Meter	25	0	1	0	1	0	26	0	26	0	
5	Sand Pouring Cylinder	38	0	2	0	2	0	40	0	40	0	
6	C.T.M.	3	0	0	0	0	0	3	0	3	0	
7	F.T.M.	1	0	0	0	0	0	1	0	1	0	
8	Weight & Balance	9	0	0	0	0	0	9	0	9	0	
9	Proving rings											
	a) 2.5 KN	1	0	0	0	0	0	1	0	1	0	
	b) 25 KN	1	0	0	0	0	0	1	0	1	0	
	c) 50 KN	1	0	0	0	0	0	1	0	1	0	
	d) 100 KN	0	0	0	0	0	0	0	0	0	0	
10	Hot Mix Linnhoff 320	0	0	0	0	0	0	0	0	0	0	

Field Density Test

S.No	Description of Test	No. of Test Conducted upto previous month				No. of Test Conducted during this Month				Cumulative Total		Remarks
		Results		No. of Test Conducted	Results		I.E. Witness	No. of Test Conducted	Results			
		Passed	Failed		Passed	Failed			Passed	Failed		
1	O.G.L.	3119	8	0	0	0	0	3119	0	3119	0	
2	Embankment	7613	31	701	696	3	140	8314	34	8278	34	
3	Subgrade	897	6	180	180	0	36	1077	6	1071	6	
4	G.S.B	1000	13	220	220	0	44	1220	13	1207	13	
5	W.M.M	0	0	0	0	0	0	0	0	0	0	
6	D.L.C.	89	0	62	62	0	12	151	0	151	0	
7	C.T.B.	0	0	0	0	0	0	0	0	0	0	
8	BSM	0	0	0	0	0	0	0	0	0	0	
9	Back filling	119	5	0	0	0	0	0	0	0	0	
10	Shoulder/Median	0	0	0	0	0	0	0	0	0	0	
11	Embankment (RE Wall)	12	0	0	0	0	0	119	5	114	5	

Frequency of testing is as per specification (Set)

Ground Improvement

FDD Test with mess  
 BX SITE AKE MESIRCON

*(Handwritten signature)*

*(Handwritten signature)*  
 PC Representative

*(Handwritten signature)*  
 Concessionaire Representative

IE Representative