

MONTHLY PROGRESS REPORT

April - 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

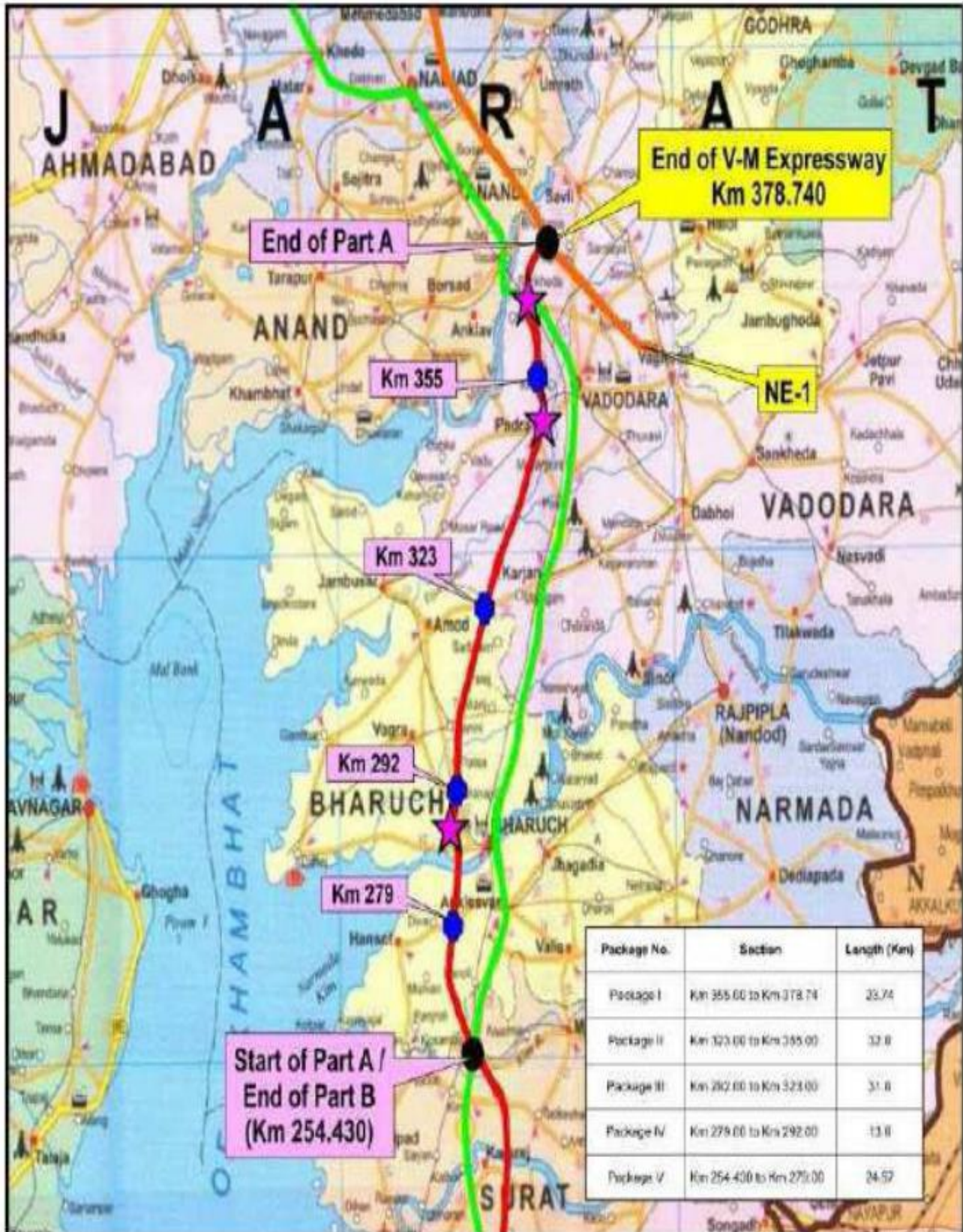
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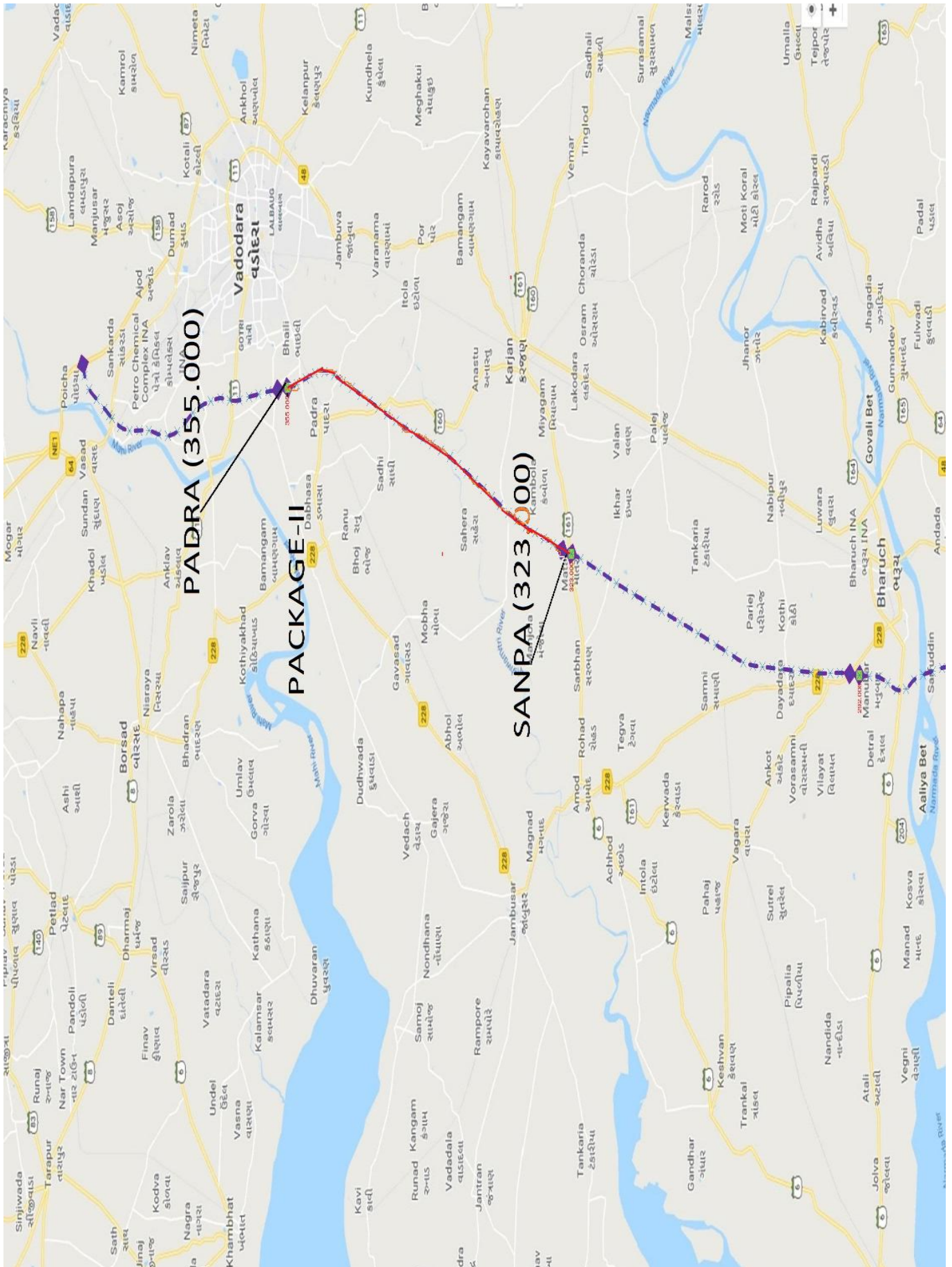
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I. LOCATION PLAN & KEY PLAN

A. Key plan of Expressway



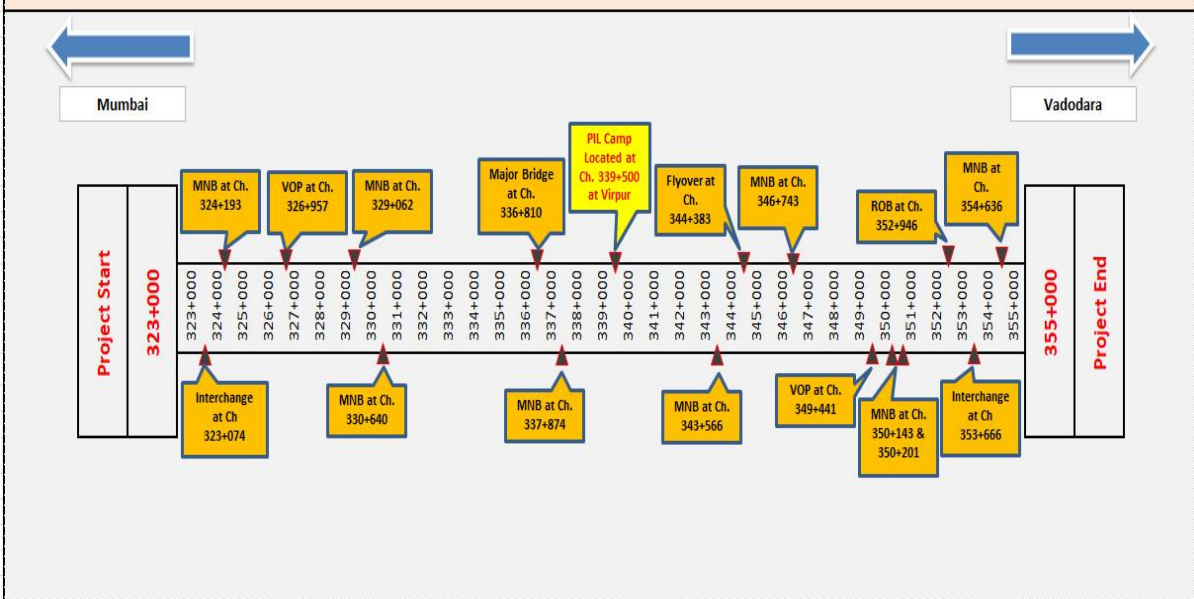
Construction of Eight lane Vadodra Kim Expressway from Km 323.00 to Km 355.00
National Highway Authority of India (NHDP Phase VI)
IRCON International Limited



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.

Executive Summary of the Project		
Sl. No	Key Reporting Metrics	Value%/Amount
1	Cumulative Scheduled Physical Progress (%)	56.80%
2	Cumulative Achieved Physical Progress up to Current month (%)	44.86%
3	Physical progress target during current month (%)	7.89%
4	Physical progress achieved during current month (%)	Nil
5	Cumulative scheduled financial Progress (%)	37.50%
6	Cumulative Achieved Financial Progress up to Current month (%)	31.85%
7	Financial progress target during current month (%)	3.00%
8	Financial progress achieved during current month (%)	Nil

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:

Sr. No.	Project Milestone	Required % of Physical & Financial Work Completion to Achieve Milestone	Date of Milestone as per CA	Proposed Date of Milestone	Financial Progress
1	Milestone - 1	20%	30/06/2019	27/09/2019 (Achieved)	292.998
2	Milestone – 2	35%	27/12/2019	24/01/2020 (Achieved)	512.746

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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

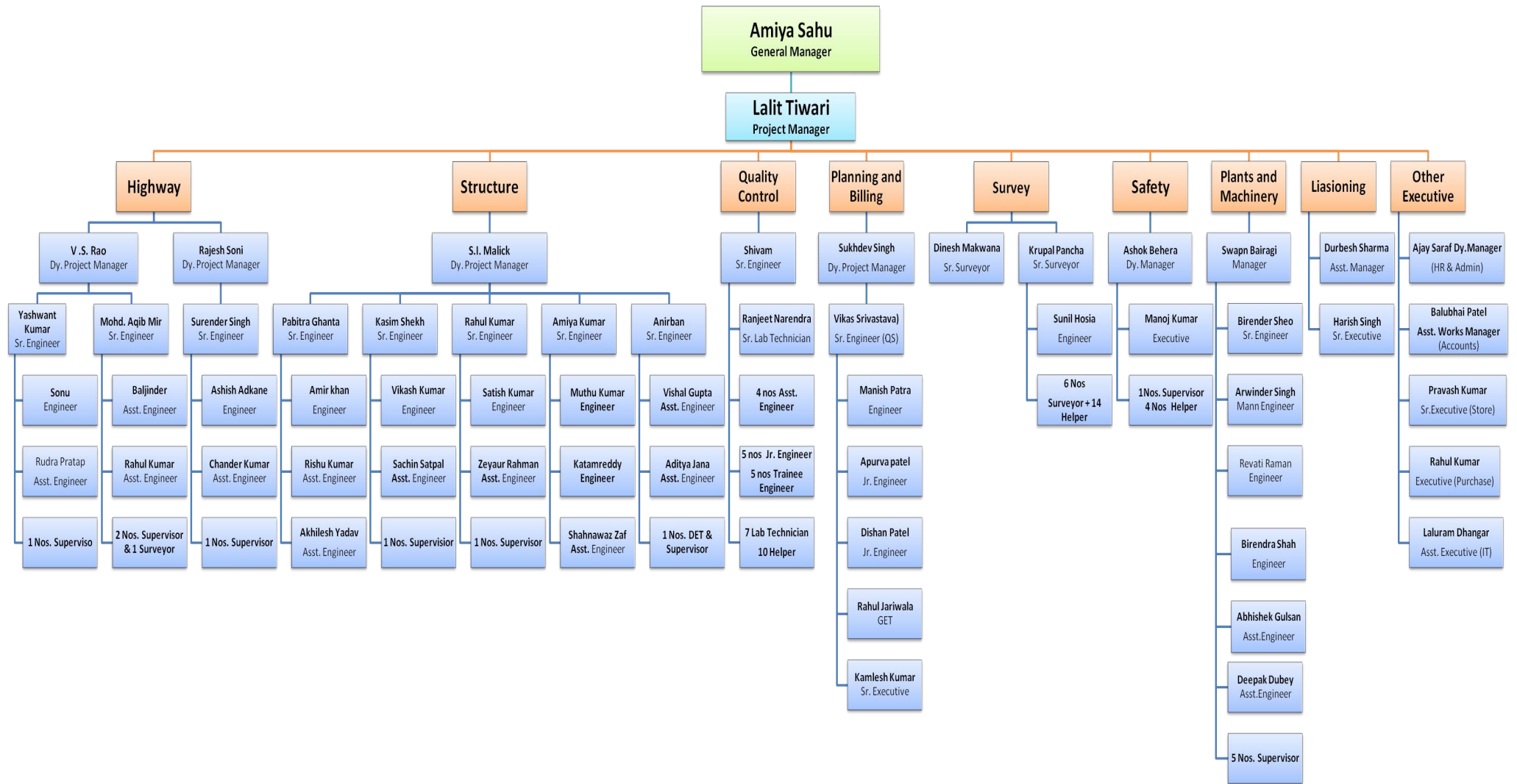
C. Details of MCW:

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)
Total		157

E. ORGANIZATION CHART



F. Details of Plant and Machinery Deployed:

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

G. Details of Applicable Permits:

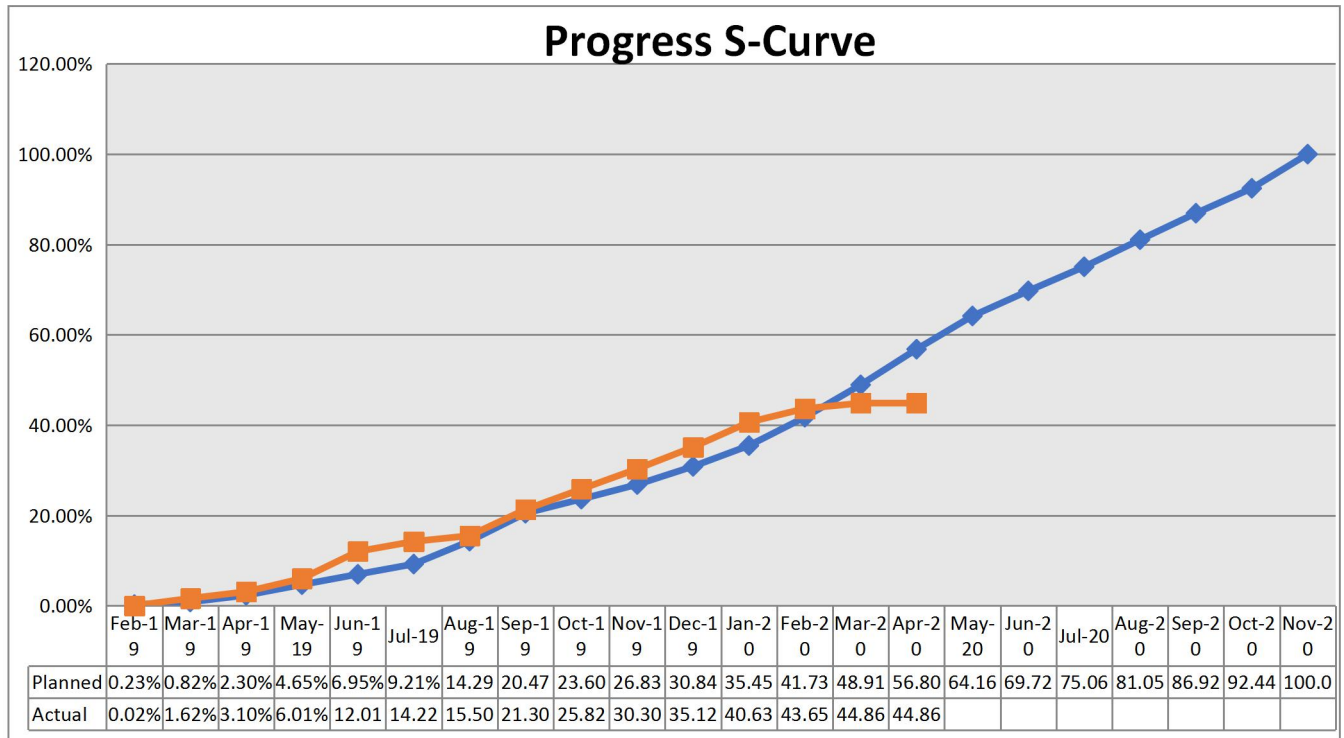
Status of Applicable Permits (As per Schedule F) as on 30th April-20				
Sl. No	Description	Status	Receiving Date	Remarks
1	Permission of the State Government for extraction of boulders from quarry for and in respect of at least 20 (twenty) percent of the total length of the project;	Received	06.12.2018	
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 30.04.2020.



Given below is the summary of status of the works executed as 30.04.2020

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	
2	Embankment	Km	30.52	22.0	7.80	0.72
3	Sub grade	Km	30.52	12.30	2.5	15.72
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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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.
Total		157	103	42	12	

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

V. Status of Land Acquisition

- Total land for which compensation was paid by NHAI/CALA as on 31.04.2020 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
Grand Total	3675	

- Net unencumbered/Unhindered length of road as on 31.04.2020 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 approximate 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

Status of Utilities in Package II of Vadodara Kim Expressway		
Date	30.04.2020	
Utilities	Nos.	Status
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. PIU Bharuch deposited supervision charge all 3 sub division on Padra-1 dt.:19.03.2020, Padra-2 dt.:27.03.2020 and Karjan-1 dt.:18.03.2020
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 deposited supervision charge on Jambuva division dt.12.03.2020 and Bharuch division dt.13.03.2020.
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. Deposition of estimate value and Agreement between NHAI & PGCIL is awaited.
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, after discussion with RO office TPGL submit revised estimate on 21.02.2020. NHAI raise observation on dt.02.03.2020,GST twice times claimed in the re-submit TPGL estimate. TPGL reply 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/PATEL/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/PATEL/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	-	

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					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/PATEL/ 4092 dt. 26.11.2019	-
					346+743	R1 -PIL/HO/VKE2/IRCON/563/2019 Dt. 07.08.2019	IRCON/3019/VKE/PATEL/ 1039 dt. 09.12.2019 (For GT)	
					350+143	PIL/HO/VKP2/IRCON/324/2019 Dt. 09.05.2019	IRCON/3019/VKE/PATEL/ 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/PATEL/ 1066 dt. 16.12.2019	
					354+636	PIL/HO/VKP2/IE/787/2019 Dt. 24.12.2019 (GFC)	-	-

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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/PATEL/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/501/2019 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/509/2019 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/501/2019 Dt. 02.07.2019
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)	-

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

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/PATEL/476 dt. 06.06.2019	42 Nos. Submitted by PIL/HO/VKE2/IRCON/499/2019 Dt. 02.07.2019
	Total =	244	197	130	49				

VIII. Weather report for the month of April'20

S. No.	DATE	TEMPERATURE (°C)		HUMIDITY (%)		RAINFALL (mm)	CUMULATIVE RAINFALL (mm)	WEATHER	REMARKS	
		Min.	Max.	Min.	Max.					
1	20-Apr-20	22.30	37.70	29.00	75.00	-	-	Sunny		
2	21-Apr-20	21.80	32.40	29.00	81.00	-	-	Sunny		
3	22-Apr-20	22.30	31.60	44.00	83.00	-	-	Sunny		
4	23-Apr-20	22.30	30.40	30.00	83.00	-	-	Sunny		
5	24-Apr-20	22.30	31.60	30.00	83.00	-	-	Sunny		
6	25-Apr-20	21.10	31.60	30.00	83.00	-	-	Sunny		
7	26-Apr-20	20.20	29.70	21.00	58.00	-	-	Sunny		
8	27-Apr-20	20.20	31.20	26.00	56.00	-	-	Sunny		
9	28-Apr-20	20.20	31.70	26.00	69.00	-	-	Sunny		
10	29-Apr-20	20.20	32.50	26.00	69.00	-	-	Sunny		
11	30-Apr-20	20.20	32.50	26.00	71.00	-	-	Sunny		
Cummulative Rainfall Till Date							-	mm		

IX. Status of RFI

<u>MONTH :- April - 2020.</u>				
Sr.No.	Total RFI	Approved RFI	RFI Re-submitted after corrections suggested	Remarks
<u>Highway</u>				
1	0	0	0	
<u>Structure</u>				
2	0	0	0	
<u>Laboratory (QA/QC)</u>				
3	0	0	0	
<u>Survey</u>				
4	0	0	0	