

# MONTHLY PROGRESS REPORT

May - 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*



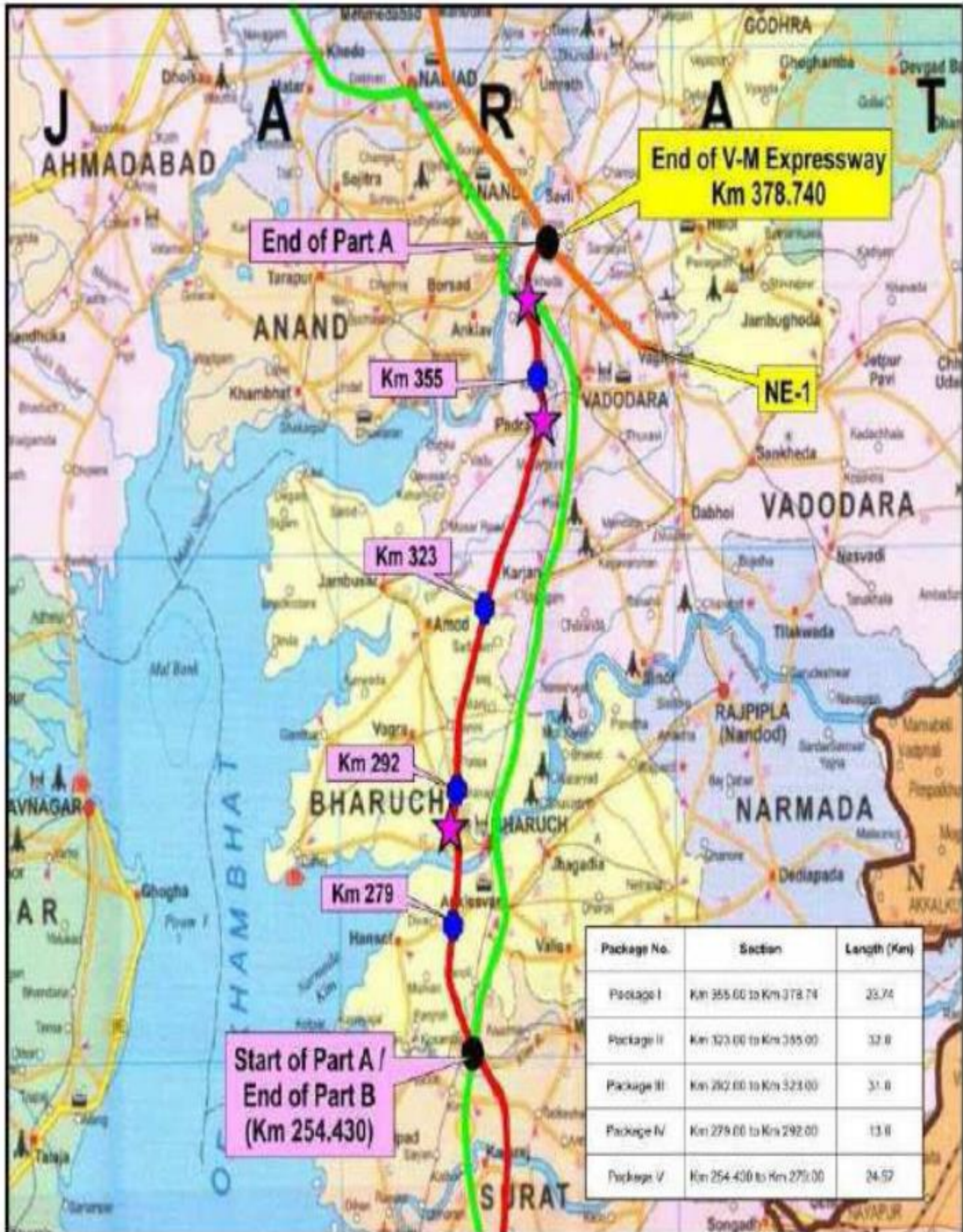
Every Milestone is Our Value

## INDEX

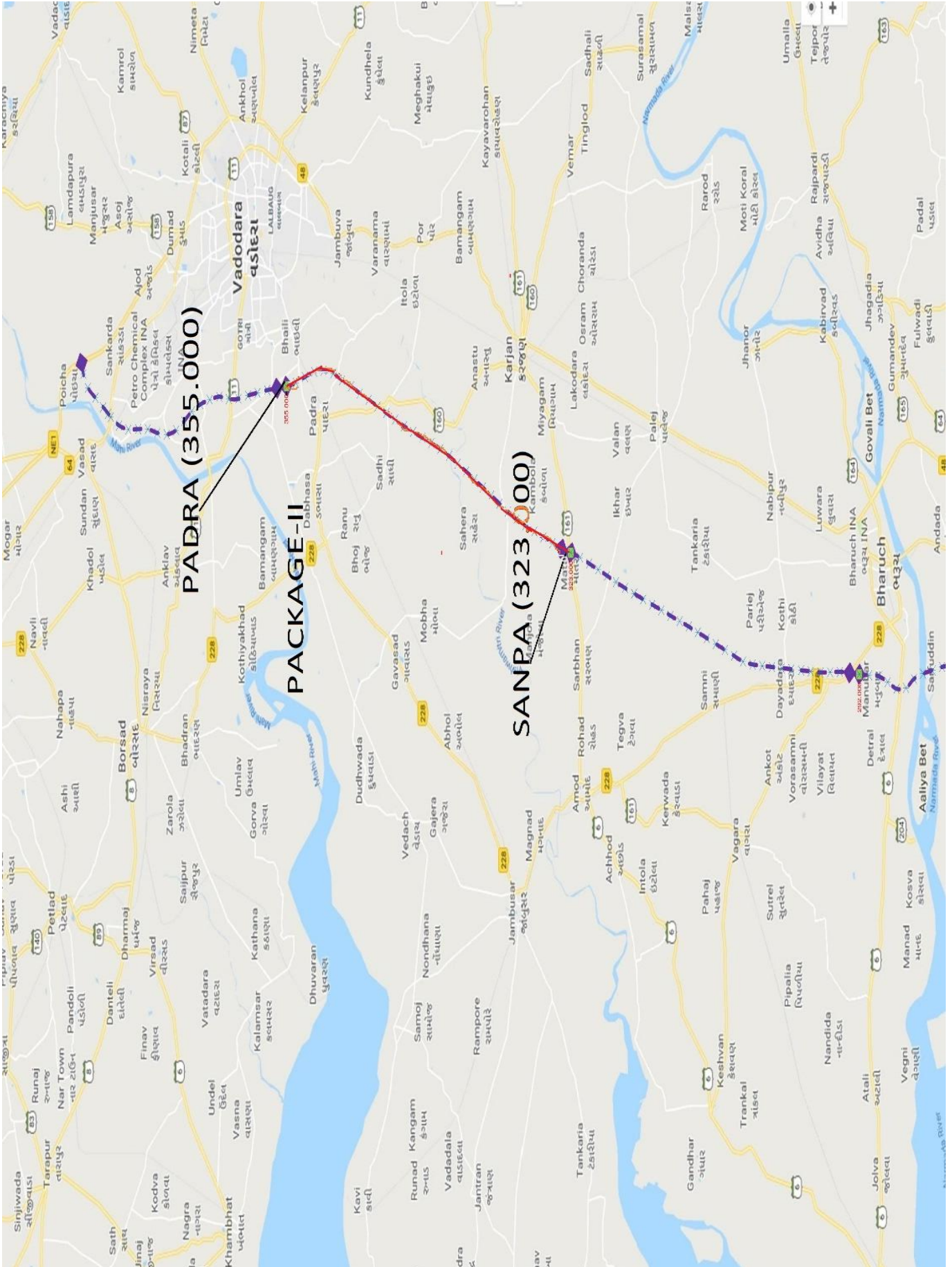
<b>I.</b>	LOCATION PLAN.....	1-3
	a. Key plan of Expressway.....	1
	b. Key plan of Project.....	2-3
<b>II.</b>	EXECUTIVE SUMMARY.....	4
	a. Project Synopsis.....	4
<b>III.</b>	PROJECT OVERVIEW.....	5-10
	a. Milestones as per CA.....	5
	b. Details of Typical Cross Section.....	6
	c. Details of MCW.....	7
	d. Details of Structures.....	7
	e. Organization Chart.....	8
	f. Details of Plant and Machinery Deployed.....	9
	g. Details of Applicable Permits.....	10
<b>IV.</b>	PROJECT PROGRESS.....	11-17
	a. Physical Progress.....	11
	b. Highway Progress.....	11
	c. Structure Progress.....	12
	d. Highway Bar Chart.....	13-15
	e. Structure Bar Chart.....	16-17
<b>V.</b>	STATUS OF LAND ACQUISITION.....	18
<b>VI.</b>	UTILITY SHIFTING.....	19
<b>VII.</b>	STATUS OF DESIGN AND DRAWING.....	20-23
<b>VIII.</b>	WEATHER REPORT.....	24
<b>IX.</b>	STATUS OF RFI.....	25
	a. Summary of RFI Report.....	25/1 – 25/7
<b>X.</b>	ANNEXURES.....	26-53
	a. Annexure 1: Calculation of physical progress as per weight age.....	26-29
	b. Annexure 2: Structure Progress Chart.....	30-34
	c. Annexure 3: Highway progress Chart.....	35
	d. Annexure 4: Details of Hindrance .....	36-39
	e. Annexure 5: Details of Letter correspondence.....	40-41
	f. Annexure 6: Summary of Borrow Area.....	42-45
	g. Annexure 7 : Weather report (Signed Copy).....	46
	h. Annexure 8 : Summary of Test Conducted(Signed Copy).....	47-53
<b>XI.</b>	PROGRESS PHOTOGRAPHS.....	54-64

## I. LOCATION PLAN & KEY PLAN

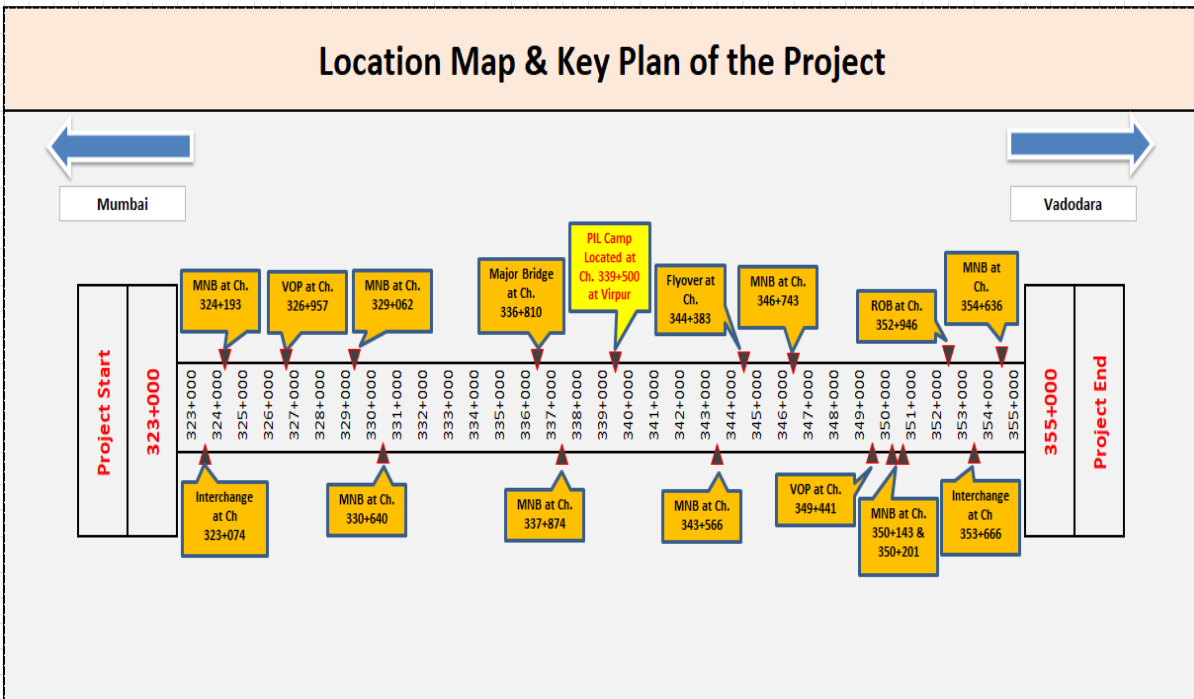
### A. Key plan of Expressway



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**



## 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 (%)	64.16%
2	Cumulative Achieved Physical Progress up to Current month (%)	46.54%
3	Physical progress target during current month (%)	7.36%
4	Physical progress achieved during current month (%)	1.68%
5	Cumulative scheduled financial Progress (%)	38.00%
6	Cumulative Achieved Financial Progress up to Current month (%)	32.00%
7	Financial progress target during current month (%)	3.50%
8	Financial progress achieved during current month (%)	0.15%

### 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 Private
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
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



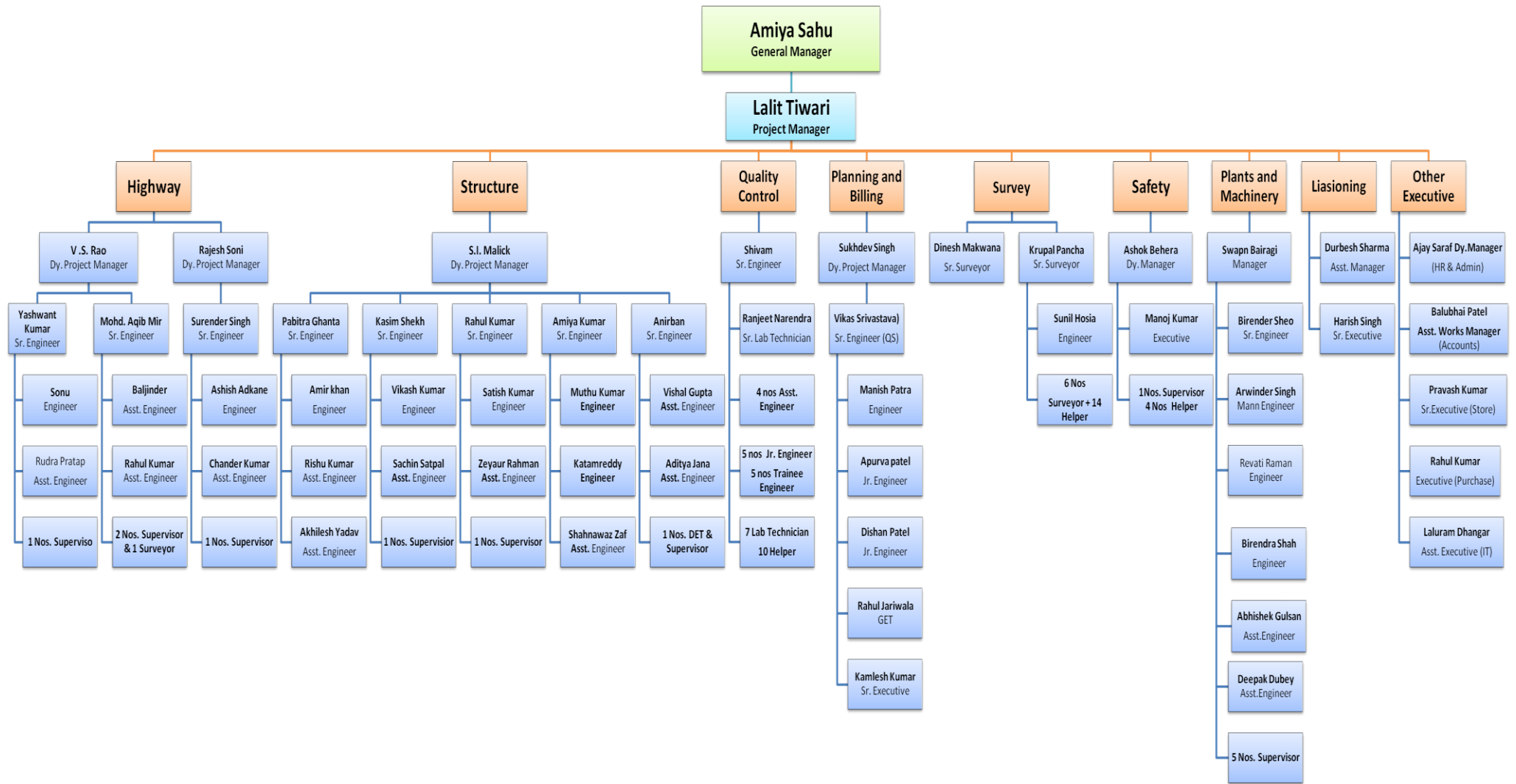
**C. Details of MCW:**

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:

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	12 working	10 nos. Idle
2	Excavator	Nos	19	37	26 Working	11 Nos. Idle
3	Motor Grader	Nos	19	28	18 Working	10 Nos. Idle
4	Vibratory Roller/Soil Compactor	Nos	19	39	28 Working	11 Nos. Idle
5	Wet Mix Paver	Nos	0	0		Idle
6	Wet Mix Plant	Nos	0	1		Idle
7	DLC Paver	Nos	0	1		Working
8	PQC Paver	Nos	0	1		
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	96 Working	52 Nos. Idle
16	FE Loaders/Dozer	Nos	5	10		Working
17	Water Tanker	Nos	19	48		Working
18	Compressor	Nos	0	0		Working
19	Concrete Batching Plant	Nos	1	10	CP-45 (2),CP-18, CP-65, CP-115, H6N240,CP-250,CP-30(3)	6 Nos. Working, 4 nos. Idle
20	Transit Mixers	Nos	9	40	30 Nos. working	10 nos. Idle
21	Concrete Pump + Boom placer	Nos	2	3		Working
22	Kerb Machine	Nos	0	0		
23	Crusher - 250 MT	Nos	1	0		Working
24	Weigh Bridge	Nos	4	2		Working
25	Tractor	Nos	3	10		Working
26	Diesel Tanker	Nos	2	5		Working
27	Tempo	Nos	3	0		Working
28	Tower Light	Nos	4	8		Working
29	Hydra Crane	Nos	2	6		Working
30	Vibratory Rammer	Nos	2	0		Working
31	Dewatering Pump (Portable)	Nos	5	7		Working
32	Baby Roller	Nos	2	2		Working
33	Trailor / Platform Truck	Nos	1	6		Working
34	Vibrator (Needle Type)	Nos	4	12		Working
35	Kerb Cutter	Nos	2	0		
36	Pile Boring machines	Nos.	6	4		

**G. Details of Applicable Permits:**

<b>Status of Applicable Permits (As per Schedule F) as on 31<sup>st</sup> May-20</b>				
<b>Sr. No</b>	<b>Description</b>	<b>Status</b>	<b>Receiving Date</b>	<b>Remarks</b>
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	

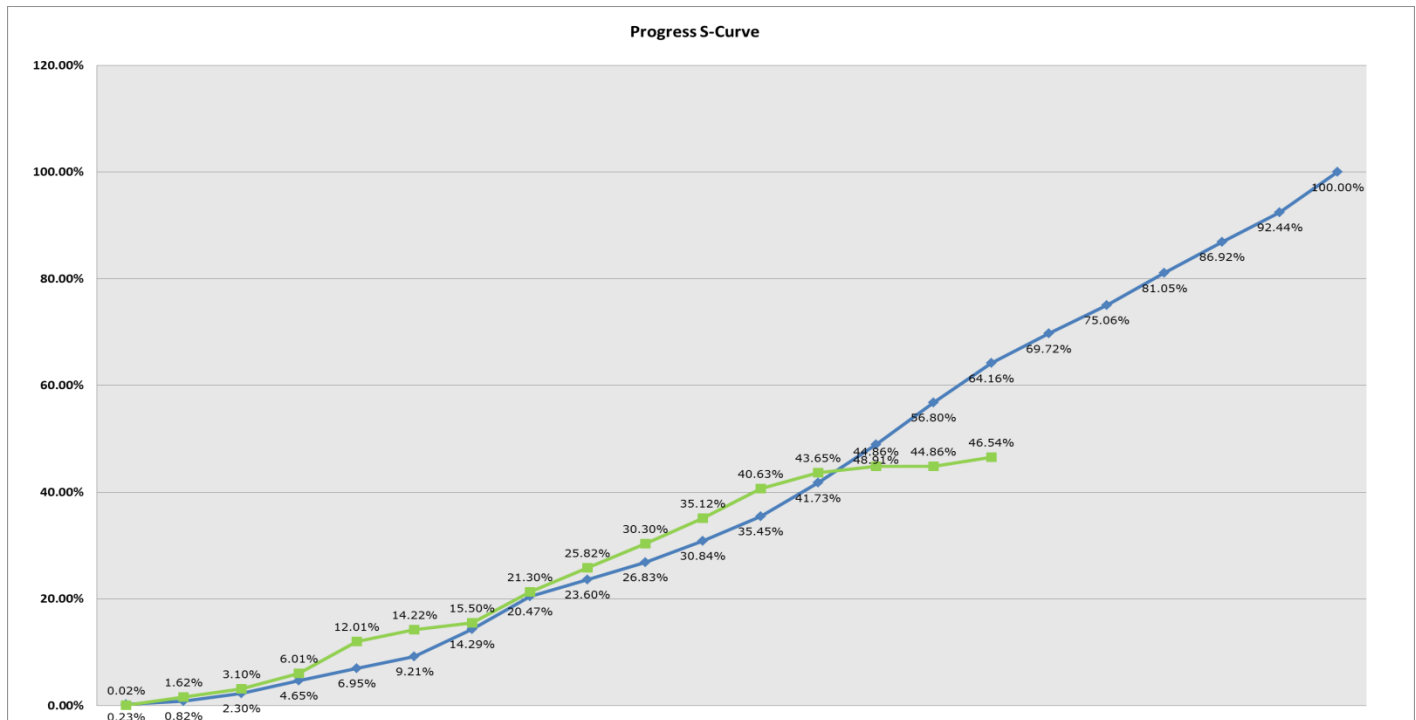
## IV. Project Progress

### 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 46.54% as on 31.05.2020.

Given below is the summary of status of the works executed as 31.05.2020



Month	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	
Planned Physical Progress (Cummu.)	0.23%	0.82%	2.30%	4.65%	6.95%	9.21%	14.29%	20.47%	23.60%	26.83%	30.84%	35.45%	41.73%	48.91%	56.80%	64.16%	69.72%	75.06%	81.05%	86.92%	92.44%	100.00%	
Achieved Physical Progress (Cummu.)	0.02%	1.62%	3.10%	6.01%	12.01%	14.22%	15.50%	21.30%	25.82%	30.30%	35.12%	40.63%	43.65%	44.86%	44.86%	46.54%							

### 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	22.6	5.0	2.92
3	Sub grade	Km	30.52	12.6	2.4	15.52
4	GSB	Km	30.52	7.20	2.0	21.32
5	DLC	Km	30.52	5.505	0.60	24.415
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.

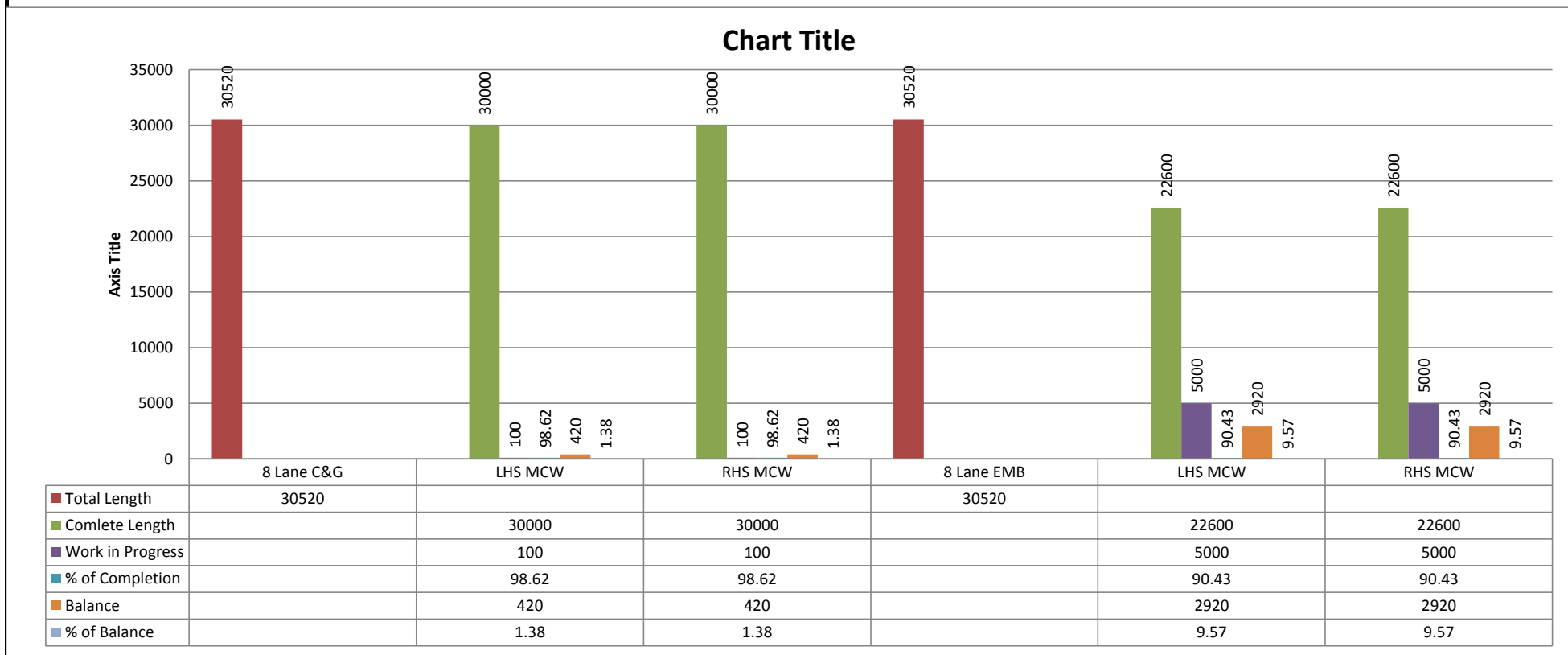
Construction of Eight lane Vadodara Kim Expressway from Km 323.00 to Km 355.00  
National Highway Authority of India (NHDP Phase VI)  
IRCON International Limited

**C. Structure Progress:**

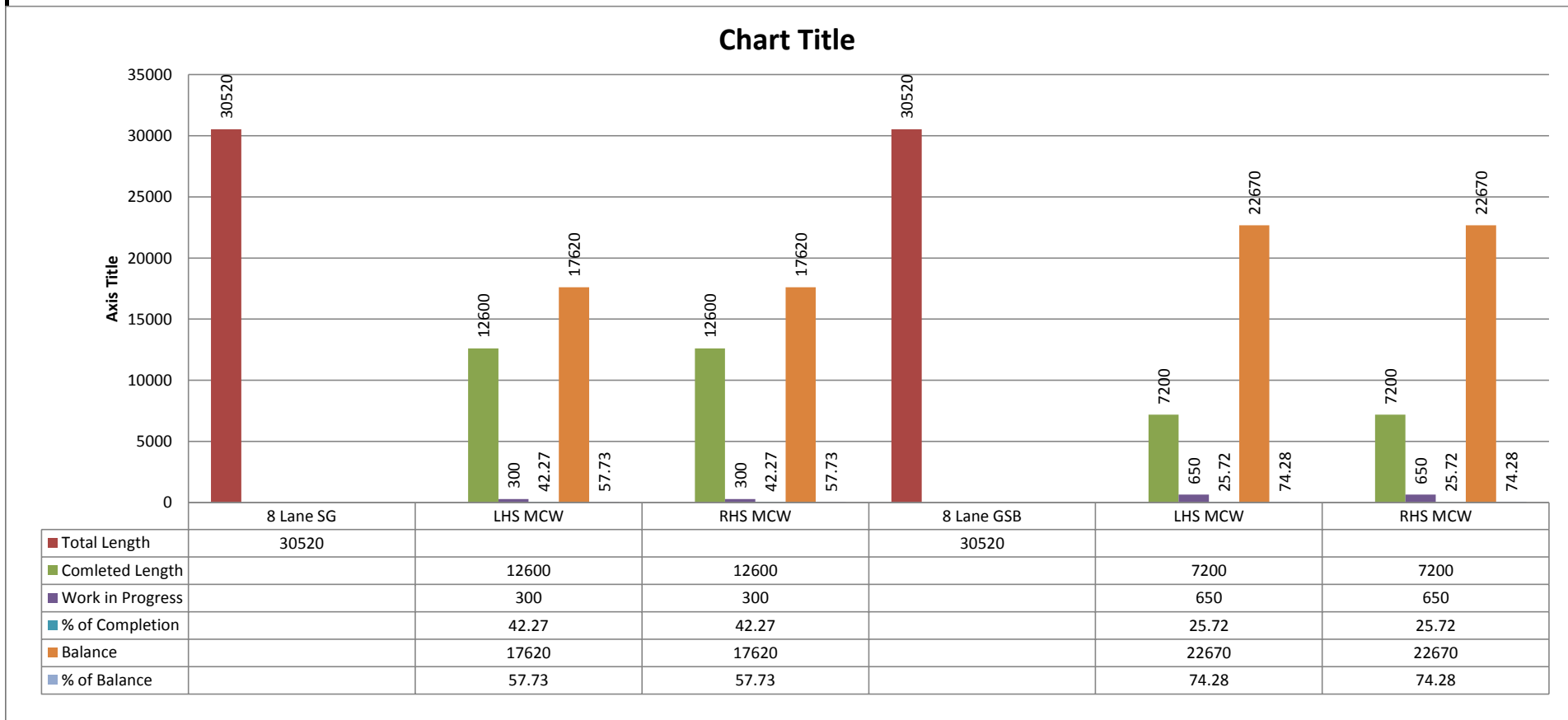
SR. No	Type Of Structure	Total No. of Structure as per CA	Completed Structure	No of Work in progress of structure	Structure To be Taken.	Remarks
1	HPC	42	42	0	0	1.) Pipe laid in 80 (m) length, Extension of culverts is in progress
2	BOX Culvert	52	26	15	11	1.) 38 nos Raft Completed and 34.5 Nos Wall Completed, and 25 nos Slab Completed
3	Flyover	1	0	1	0	1.) At Location 344+360 All Pile completed. 8 Pile cap completed, 2Abt. Cap, 2pier cap completed
4	ROB	1	0	0	1	Not Started
5	MJB	1	0	1	0	1.) At Location 336+835, Substructure work is in progress
6	MNB	9	2	7	0	Pile work completed. Substructure is in progress.
7	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 and Pile cap completed. Substructure work in progress. Staging for Box Girder is in progress
8	VOP	2	0	2	0	1.) At Location 349+441, Pile & Pile cap completed. Girder are in progress 2). At Location 326+957, Pile & Pile cap completed
9	LVUP	8	6.5	1.5	0	1.) Substructure completed & Superstructure work is in progress.
10	VUP	5	5	0	0	Substructure & Superstructure Completed.
11	P/CUP	34	26	8	0	1.) Foundation of 34 nos. Completed and 32 nos Walls and 23 Slabs Completed.
<b>Total</b>		<b>157</b>	<b>107.5</b>	<b>37.5</b>	<b>12</b>	
1	Utility Duct		61	61	0	0

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

Highway Bar Chart							31.05.2020
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		30000	100	98.62	420	1.38
3	RHS MCW		30000	100	98.62	420	1.38
4	8 Lane EMB	30520					
5	LHS MCW		22600	5000	90.43	2920	9.57
6	RHS MCW		22600	5000	90.43	2920	9.57

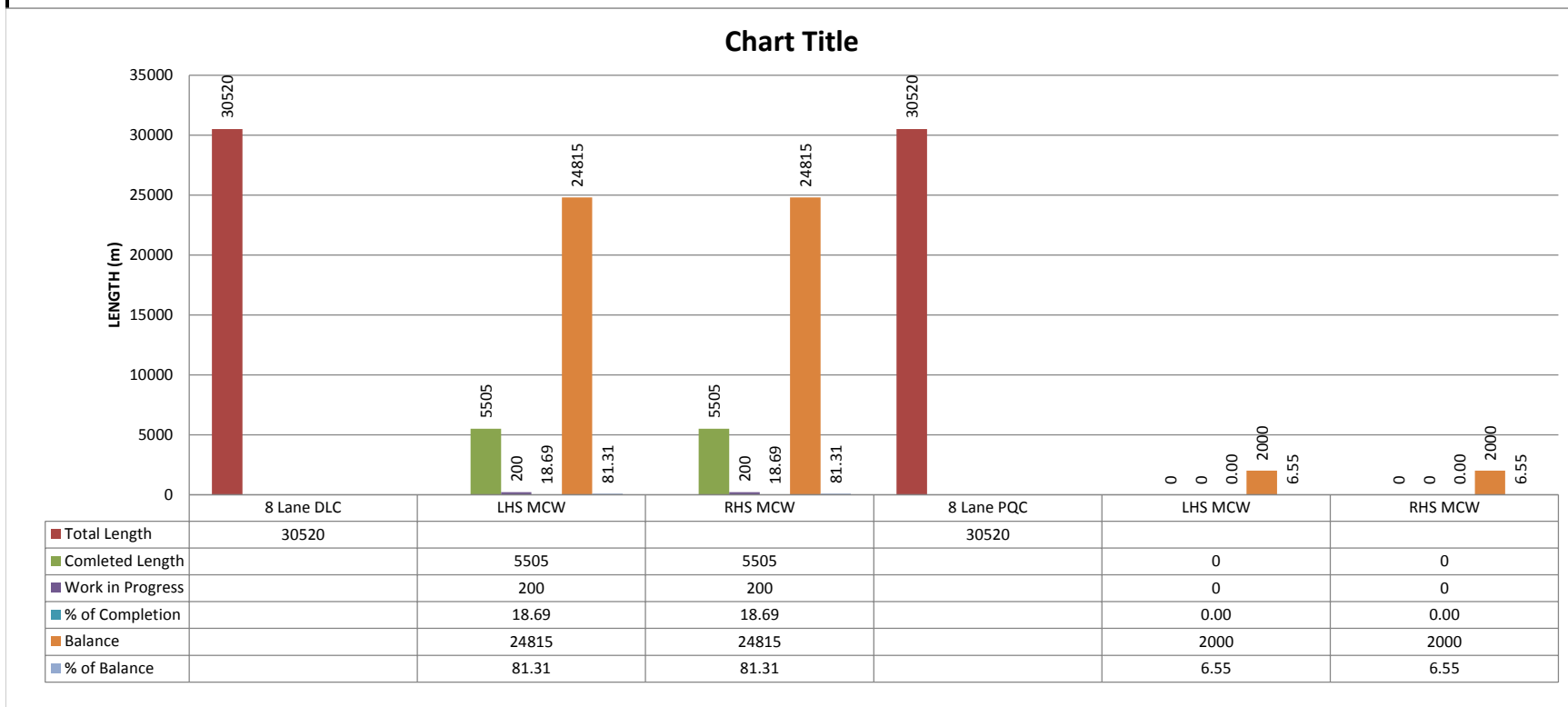


Highway Bar Chart							31.05.2020
S.No.	Type of Work	Total Length	Completed Length	Work in Progress	% of Completion	Balance	% of Balance
1	8 Lane SG	30520					
2	LHS MCW		12600	300	42.27	17620	57.73
3	RHS MCW		12600	300	42.27	17620	57.73
4	8 Lane GSB	30520					
5	LHS MCW		7200	650	25.72	22670	74.28
6	RHS MCW		7200	650	25.72	22670	74.28





Highway Bar Chart							31.05.2020
S.No.	Type of Work	Total Length	Completed Length	Work in Progress	% of Completion	Balance	% of Balance
1	8 Lane DLC	30520					
2	LHS MCW		5505	200	18.69	24815	81.31
3	RHS MCW		5505	200	18.69	24815	81.31
4	8 Lane PQC	30520					
5	LHS MCW		0	0	0.00	2000	6.55
6	RHS MCW		0	0	0.00	2000	6.55



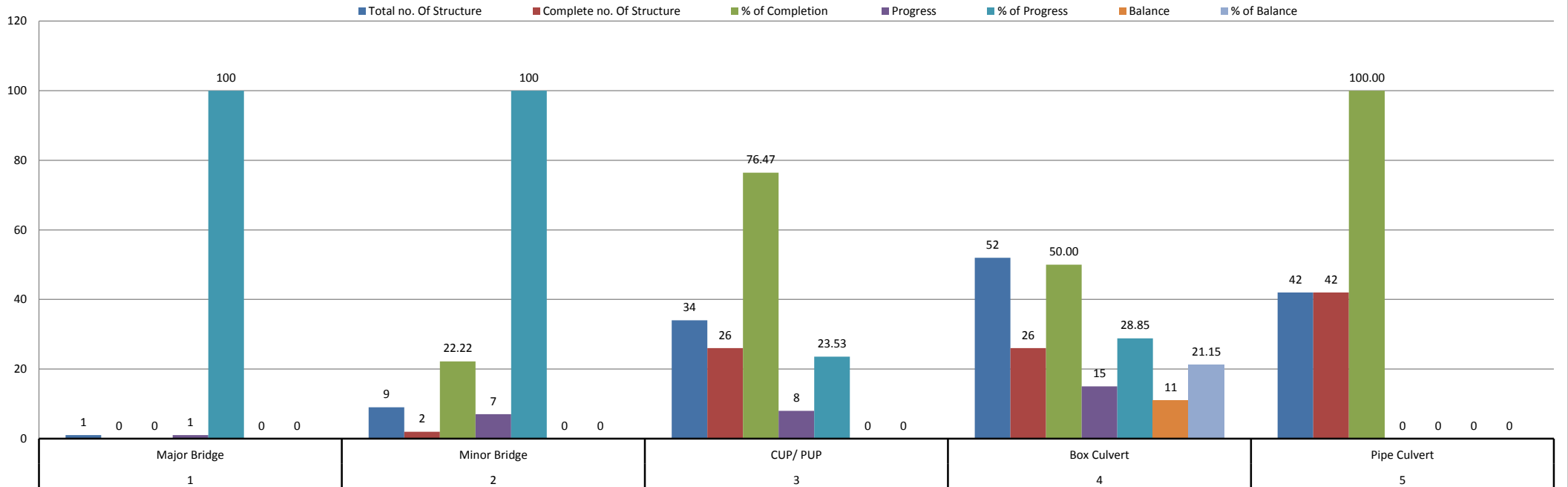
## STRUCTURE BAR CHART

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

Status as on 31.05.2020

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	26	76.47	8	23.53	0	0
4	Box Culvert	52	26	50.00	15	28.85	11	21.15
5	Pipe Culvert	42	42	100.00	0	0	0	0

Chart Title

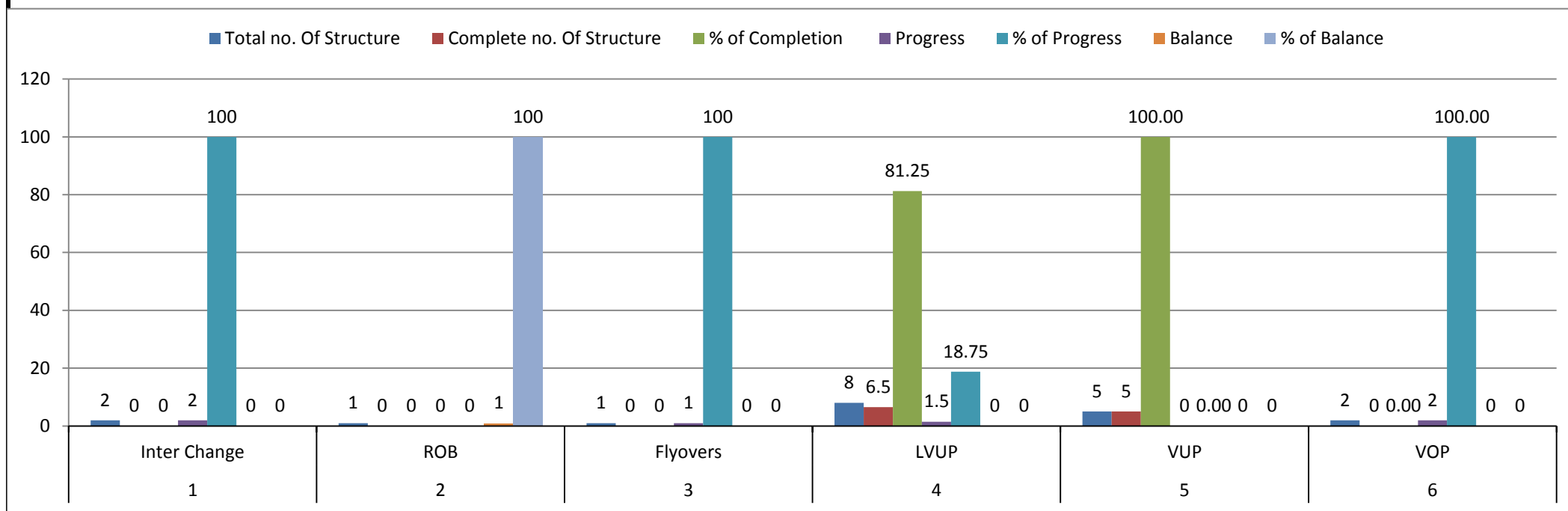


## STRUCTURE BAR CHART

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

Status as on 31.05.2020

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	6.5	81.25	1.5	18.75	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 NHA/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.

<b>Details of Hindrances</b>	<b>Hindered Length in meter</b>	<b>Remarks</b>
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 31.05.2020 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	31.05.2020	
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/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	-	
						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/495/2019 Dt. 01.07.2019
						330+630	PIL/HO/VKE2/IRCON/676/2019 Dt. 06.11.2019	IRCON letter no. 993 dt. 28.11.2019	

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

						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	
						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	-	-

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

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/501/20 19 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/509/20 19 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/501/20 19 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)	-
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	-



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

								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 May 2020

### MONTHLY WEATHER REPORT FOR THE MONTH OF MAY 2020

S. No.	DATE	TEMPERATURE (°C)		HUMIDITY (%)		RAINFALL (mm)	CUMMULATIVE RAINFALL (mm)	WEATHER	REMARKS	
		Min.	Max.	Min.	Max.					
1	01-May-20	31.2	41.7	12.00	68.00	-	-	Sunny		
2	02-May-20	31.3	41.8	13.00	68.00	-	-	Sunny		
3	03-May-20	31.2	41.7	12.00	69.00	-	-	Sunny		
4	04-May-20	26.1	41.8	13.00	68.00	-	-	Sunny		
5	05-May-20	25.0	41.7	12.00	69.00	-	-	Sunny		
6	06-May-20	25.0	41.7	12.00	72.00	-	-	Sunny		
7	07-May-20	26.0	41.8	13.00	74.00	-	-	Sunny		
8	08-May-20	25.0	41.7	12.00	71.00	-	-	Sunny		
9	09-May-20	25.0	41.7	12.00	75.00	-	-	Sunny		
10	10-May-20	26.0	41.8	13.00	73.00	-	-	Sunny		
11	11-May-20	25.0	41.7	12.00	75.00	-	-	Sunny		
12	12-May-20	25.0	41.8	13.00	74.00	-	-	Sunny		
13	13-May-20	26.0	41.7	12.00	76.00	-	-	Sunny		
14	14-May-20	25.0	41.9	14.00	75.00	-	-	Sunny		
15	15-May-20	25.0	41.7	12.00	74.00	-	-	Sunny		
16	16-May-20	30.0	41.0	20.00	58.00	-	-	Sunny		
17	17-May-20	32.0	40.5	20.00	56.00	-	-	Sunny		
18	18-May-20	32.0	40.9	20.00	70.00	-	-	Sunny		
19	19-May-20	31.0	41.7	19.00	74.00	-	-	Sunny		
20	20-May-20	32.0	41.7	19.00	74.00	-	-	Sunny		
21	21-May-20	32.0	41.8	17.00	74.00	-	-	Sunny		
22	22-May-20	31.0	41.8	19.00	75.00	-	-	Sunny		
23	23-May-20	32.0	41.7	17.00	74.00	-	-	Sunny		
24	24-May-20	32.0	41.9	19.00	72.00	-	-	Sunny		
25	25-May-20	31.0	41.7	19.00	74.00	-	-	Sunny		
26	26-May-20	28.0	44.0	18.00	75.00	-	-	Sunny		
27	27-May-20	28.0	44.0	19.00	78.00	-	-	Sunny		
28	28-May-20	29.0	43.0	17.00	75.00	-	-	Sunny		
29	29-May-20	29.0	42.0	18.00	74.00	-	-	Sunny		
30	30-May-20	30.0	42.0	19.00	76.00	-	-	Sunny		
31	31-May-20	29.0	40.0	19.00	79.00	-	-	Sunny		
Cumulative Rainfall Till Date							-	mm		

**IX. Status of RFI**

<b><u>MONTH :- May - 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	144	131	13	
<b><u>Structure</u></b>				
2	45	34	11	
<b><u>Laboratory (QA/QC)</u></b>				
3	27	27	0	
<b><u>Survey</u></b>				
4	0	0	0	

HIGHWAY										
RFI SUMMARY PACKAGE -- II FROM DATE 07.05.2020 TO 31.05.2020										
Sr. No.	RFI No.	Inspection Time	Date	Description	Chainage		Side	Approval status	Tested by IE. Status	Remarks
					From	To				
1	13637	2:00 PM	07.05.2020	Checking of Center line with Level & FDD for GSB Layer	339+400	339+600	LHS	Approved		
2	13638	10:00 AM	07.05.2020	Checking of FDD for Embankment 31st Layer	352+500	352+670	BHS	Approved		
3	13639	2:00 PM	07.05.2020	Checking of FDD for Embankment 31st Layer	352+730	352+860	BHS	Approved		
4	13640	10:00 AM	07.05.2020	Checking of FDD for Embankment 33rd Layer	332+070	332+150	BHS	Approved		
5	13641	2:00 PM	07.05.2020	Checking of FDD for Embankment 27th Layer	353+050	353+350	BHS	Approved		
6	13642	2:00 PM	07.05.2020	Checking of FDD for Embankment 15th Layer	354+670	354+800	BHS	Approved		
7	13643	12:00 PM	07.05.2020	Checking of FDD for Embankment 16th Layer	350+250	350+400	BHS	Approved		
8	13644	4:00 PM	07.05.2020	Checking of FDD for Embankment 16th Layer	348+500	348+600	BHS	Approved		
9	13645	12:00 PM	07.05.2020	Checking of FDD for Embankment 14th Layer	324+800	324+880	BHS	Approved		
10	13646	3:00 PM	07.05.2020	Checking of Clearing & Grubbing	354+250	354+840	RAMP-2	Approved		
11	13647	5:00 PM	07.05.2020	Checking of Clearing & Grubbing	353+430	353+550	RAMP-1	Approved		
12	13648	5:00 PM	07.05.2020	Checking of Center line with Level & FDD for GSB Layer	346+220	346+320	RHS	Approved		
13	13658	04:00 PM	08.05.2020	Checking of Center line with Level & FDD for GSB Layer	346+220	346+320	LHS	Approved		
14	13659	02:00 PM	08.05.2020	Checking of FDD for Embankment 16th Layer	354+670	354+800	BHS	Approved		
15	13660	10:00 AM	08.05.2020	Checking of Clearing & Grubbing	353+850	353+990	RAMP-1	Approved		
16	13661	02:00 PM	08.05.2020	Checking of FDD for Embankment 1st Layer	354+250	354+480	RAMP-2	Approved		
17	13662	02:00 PM	08.05.2020	Checking of FDD for Embankment 1st Layer	354+480	354+650	RAMP-2	Approved		
18	13663	05:00 PM	08.05.2020	Checking of FDD for Embankment 1st Layer	354+650	354+840	RAMP-2	Approved		
19	13664	02:00 PM	08.05.2020	Checking of Center line with Level & FDD for GSB Layer	339+400	339+600	RHS	Approved		
20	13673	10:00 AM	09.05.2020	Checking of FDD for Embankment 5th Layer	331+700	331+780	RHS	Approved		
21	13674	05:00 PM	09.05.2020	Checking of Center line with Level & FDD for GSB Layer	335+065	335+120	LHS	Not Approved		
22	13675	02:00 PM	09.05.2020	Checking of Center line with Level & FDD for GSB Layer	335+055	335+130	RHS	Not Approved		
23	13676	10:00 AM	09.05.2020	Checking of FDD for Embankment 2nd Layer	354+250	354+480	RAMP-2	Approved		
24	13677	05:00 PM	09.05.2020	Checking of FDD for Embankment 3rd Layer	354+250	354+480	RAMP-2	Approved		
25	13678	02:00 PM	09.05.2020	Checking of FDD for Embankment 17th Layer	354+730	354+790	BHS	Approved		
26	13679	10:00 AM	09.05.2020	Checking of FDD for Embankment 1st Layer	353+430	353+550	RAMP-1	Approved		
27	13680	04:00 PM	09.05.2020	Checking of FDD for Embankment 2nd Layer	353+430	353+550	RAMP-1	Approved		
28	13681	09:00 AM	09.05.2020	Checking of FDD for Embankment 1st Layer	354+680	354+840	RAMP-2	Approved		
29	13682	03:00 PM	09.05.2020	Checking of FDD for Embankment 2nd Layer	354+680	354+840	RAMP-2	Approved		
30	13687	3:00 PM	10.05.2020	Checking of Center line with Level & FDD for GSB Layer	335+065	335+120	LHS	Approved		
31	13688	5:00 PM	10.05.2020	Checking of Center line with Level & FDD for GSB Layer	335+055	335+130	RHS	Approved		
32	13689	2:00 PM	10.05.2020	Checking of FDD for Embankment 1st Layer	353+640	353+780	RAMP-1	Approved		
33	13690	10:00 AM	10.05.2020	Checking of FDD for Embankment 4th Layer	354+250	354+480	RAMP-2	Approved		
34	13691	2:00 PM	10.05.2020	Checking of Clearing & Grubbing	354+300	354+700	RAMP-3	Approved		
35	13692	2:00 PM	10.05.2020	Checking of FDD for Embankment 18th Layer	354+730	354+790	BHS	Approved		
36	13693	12:00 PM	10.05.2020	Checking of FDD for Embankment 19th Layer	354+730	354+790	BHS	Approved		
37	13694	4:00 PM	10.05.2020	Checking of FDD for Embankment 3rd Layer	354+680	354+840	RAMP-2	Approved		
38	13695	12:00 PM	10.05.2020	Checking of FDD for Embankment 4th Layer	354+680	354+840	RAMP-2	Approved		
39	13696	3:00 PM	10.05.2020	Checking for DLC laying	339+400	339+600	RHS	Approved		

HIGHWAY										
RFI SUMMARY PACKAGE -- II FROM DATE 07.05.2020 TO 31.05.2020										
Sr. No.	RFI No.	Inspection Time	Date	Description	Chainage		Side	Approval status	Tested by IE. Status	Remarks
					From	To				
40	13698	2:00 PM	11.05.2020	Checking of Center line with Level & FDD for GSB Layer	346+100	346+220	LHS	Approved		
41	13699	4:00 PM	11.05.2020	Checking of Center line with Level & FDD for GSB Layer	346+100	346+220	RHS	Approved		
42	13700	2:00 PM	11.05.2020	Checking of FDD for Embankment 5th Layer	354+680	354+840	RAMP-2	Approved		
43	13701	10:00 AM	11.05.2020	Checking of FDD for Embankment 5th Layer	354+480	354+680	RAMP-2	Approved		
44	13712	10:00 AM	12.05.2020	Checking of FDD for Embankment 5th Layer	354+680	354+840	RAMP-2	Approved		
45	13713	6:00 PM	12.05.2020	Checking for DLC laying	339+400	339+600	RHS	Approved		
46	13714	2:00 PM	12.05.2020	Checking of Center line with Level & FDD for Subgrade Top Layer	339+740	339+950	LHS	Approved		
47	13717	10:00 AM	13.05.2020	Checking of FDD for Embankment 5th Layer	354+680	354+840	RAMP-2	Approved		
48	13718	10:00 AM	13.05.2020	Checking of FDD for Embankment 5th Layer	354+480	354+680	RAMP-2	Approved		
49	13719	02:00 PM	13.05.2020	Checking of FDD for Embankment 1st Layer	354+400	354+680	RAMP-3	Approved		
50	13720	10:00 AM	13.05.2020	Checking of FDD for Embankment 20th Layer	354+730	354+790	BHS	Approved		
51	13721	02:00 PM	13.05.2020	Checking of Center line with Level & FDD for GSB Layer	346+020	346+100	LHS	Approved		
52	13722	05:00 PM	13.05.2020	Checking of Center line with Level & FDD for GSB Layer	346+000	346+100	RHS	Approved		
53	13723	05:00 PM	13.05.2020	Checking for DLC laying	346+130	346+315	RHS	Approved		
54	13727	9:00 AM	14.05.2020	Checking for DLC laying	339+410	339+600	LHS	Approved		
55	13728	5:00 PM	14.05.2020	Checking for DLC laying	346+130	346+315	LHS	Approved		
56	13729	2:00 PM	14.05.2020	Checking of FDD for Embankment 2nd Layer	353+640	353+780	RAMP-1	Approved		
57	13730	10:00 AM	14.05.2020	Checking of FDD for Embankment 5th Layer	354+480	354+680	RAMP-2	Approved		
58	13731	10:00 AM	14.05.2020	Checking of FDD for Embankment 21st Layer	354+730	354+790	BHS	Approved		
59	13732	5:00 PM	14.05.2020	Checking of FDD for Embankment 22nd Layer	354+730	354+790	BHS	Approved		
60	13733	1:00 PM	14.05.2020	Checking of Center line with Level & FDD for GSB Layer	346+020	346+100	LHS	Approved		
61	13734	5:00 PM	14.05.2020	Checking of Center line with Level & FDD for GSB Layer	346+030	346+100	RHS	Approved		
62	13736	10:00 AM	15.05.2020	Checking of FDD for Embankment 23rd Layer	354+730	354+790	BHS	Approved		
63	13737	5:00 PM	15.05.2020	Checking of FDD for Embankment 24th Layer	354+730	354+790	BHS	Approved		
64	13738	5:00 PM	15.05.2020	Checking for DLC laying	346+040	346+130	LHS	Approved		
65	13739	7:00 PM	15.05.2020	Checking for DLC laying	346+040	346+130	RHS	Approved		
66	13740	2:00 PM	15.05.2020	Checking of FDD for Embankment 2nd Layer	354+640	354+780	RAMP-1	Approved		
67	13741	5:00 PM	15.05.2020	Checking of FDD for Embankment 3rd Layer	353+440	353+550	RAMP-1	Approved		
68	13742	12:00 PM	15.05.2020	Checking of FDD for Embankment 5th Layer	349+900	349+950	BHS	Approved		
69	13743	11:00 AM	16.05.2020	Checking of FDD for Embankment 23rd Layer	354+730	354+790	BHS	Approved		
70	13744	4:00 PM	16.05.2020	Checking of FDD for Embankment 24th Layer	354+730	354+790	BHS	Approved		
71	13745	4:00 PM	16.05.2020	Checking of FDD for Embankment 3rd Layer	353+440	353+550	RAMP-1	Approved		
72	13746	2:00 PM	16.05.2020	Checking of FDD for Embankment 2nd Layer	354+640	354+780	RAMP-1	Approved		
73	13747	12:00 PM	16.05.2020	Checking of FDD for Embankment 1st Layer	354+400	354+680	RAMP-3	Approved		
74	13752	10:00 AM	17.05.2020	Checking of Center line with Level & FDD for Embankment Top Layer	354+740	354+790	BHS	Approved		
75	13753	10:00 AM	17.05.2020	Checking of FDD for Embankment 4th Layer	354+250	354+480	RAMP-2	Approved		
76	13754	2:00 PM	17.05.2020	Checking of FDD for Embankment 6th Layer	354+480	354+680	RAMP-2	Approved		
77	13755	10:00 AM	17.05.2020	Checking of FDD for Embankment 6th Layer	354+680	354+840	RAMP-2	Approved		
78	13756	5:00 PM	17.05.2020	Checking of FDD for Subgrade 1st Layer	354+740	354+790	BHS	Approved		

HIGHWAY										
RFI SUMMARY PACKAGE -- II FROM DATE 07.05.2020 TO 31.05.2020										
Sr. No.	RFI No.	Inspection	Date	Description	Chainage		Side	Approval status	Tested by	Remarks
		Time			From	To			IE.	
									Status	
79	13757	2:00 PM	17.05.2020	Checking of Center line with Level & FDD for GSB Layer	345+750	345+940	LHS	Approved		
80	13759	10:00 AM	18.05.2020	Checking of FDD for Embankment 2ND Layer	354+400	354+680	RAMP-3	Approved		
81	13760	5:00 PM	18.05.2020	Checking of FDD for Embankment 4th Layer	353+440	353+550	RAMP-1	Approved		
82	13761	2:00 PM	18.05.2020	Checking of FDD for Embankment 3rd Layer	353+640	353+780	RAMP-1	Approved		
83	13764	4:00 PM	19.05.2020	Checking of FDD for Embankment 1st Layer	353+000	353+050	BHS	Not Approved		
84	13769	11:00 AM	20.05.2020	Checking of Center line with Level & FDD for GSB Layer	345+750	345+940	RHS	Approved		
85	13770	5:00 PM	20.05.2020	Checking for DLC laying	345+750	345+940	RHS	Approved		
86	13778	10:00 AM	21.05.2020	Checking of FDD for Embankment 7th Layer	000+480	000+680	RAMP-2 (353+666)	Not Approved		
87	13779	12:00 PM	21.05.2020	Checking of FDD for Embankment 7th Layer	000+680	000+840	RAMP-2 (353+666)	Not Approved		
88	13780	2:00 PM	21.05.2020	Checking of FDD for Embankment 3rd Layer	000+400	000+680	RAMP-3 (353+666)	Not Approved		
89	13781	11:00 AM	21.05.2020	Checking of FDD for Embankment 5th Layer	000+250	000+480	RAMP-2 (353+666)	Not Approved		
90	13782	5:00 PM	21.05.2020	Checking for DLC laying	345750	345940	LHS	Not Approved		
91	13783	2:00 PM	21.05.2020	Checking of FDD for Embankment 17th Layer	323+600	323+700	BHS	Not Approved		
92	13784	12:00 PM	21.05.2020	Checking of FDD for Embankment 6th Layer	323+400	323+500	BHS	Not Approved		
93	13785	4:00 PM	21.05.2020	Checking of FDD for Embankment 15th Layer	324+800	324+880	BHS	Not Approved		
94	13786	12:00 PM	21.05.2020	Checking of FDD for Embankment 14th Layer	332+000	332+070	BHS	Approved		
95	13787	3:00 PM	21.05.2020	Checking of Clearing & Grubbing with FDD of OGL	000+850	001+040	RAMP-1 (353+666)	Approved		
96	13788	5:00 PM	21.05.2020	Checking of Clearing & Grubbing with FDD of OGL	000+800	001+060	RAMP-3 (353+666)	Not Approved		
97	13790	10:00 AM	22.05.2020	Checking of Clearing & Grubbing with FDD of OGL	000+200	000+700	LOOP-3 (353+666)	Approved		
98	13791	11:00 AM	22.05.2020	Checking of Clearing & Grubbing with FDD of OGL	000+250	000+700	LOOP-2 (353+666)	Approved		
99	13792	2:00 PM	22.05.2020	Checking of Clearing & Grubbing with FDD of OGL	000+800	001+060	RAMP-3 (353+666)	Approved		
100	13793	5:00 PM	22.05.2020	Checking of FDD for Embankment 7th Layer	000+480	000+680	RAMP-2 (353+666)	Approved		
101	13794	2:00 PM	22.05.2020	Checking of FDD for Embankment 7th Layer	000+680	000+840	RAMP-2 (353+666)	Approved		
102	13795	2:00 PM	22.05.2020	Checking of FDD for Embankment 3rd Layer	000+400	000+680	RAMP-3 (353+666)	Approved		
103	13796	12:00 PM	22.05.2020	Checking of FDD for Embankment 5th Layer	000+250	000+480	RAMP-2 (353+666)	Approved		
104	13804	10:00 AM	23.05.2020	Checking of FDD for Embankment 5th Layer	000+440	000+550	RAMP-1 (353+666)	Approved		
105	13805	4:00 PM	23.05.2020	Checking of FDD for Embankment 4th Layer	000+640	000+780	RAMP-1 (353+666)	Approved		
106	13808	10:00 AM	24.05.2020	Checking of FDD for Embankment 4th Layer	0+400	0+680	RAMP-3 (353+666)	Approved		
107	13809	11:00 AM	24.05.2020	Checking of FDD for Embankment 1st Layer	0+850	1+040	RAMP-1 (353+666)	Approved		
108	13810	2:00 PM	24.05.2020	Checking of Clearing & Grubbing with FDD of OGL	0+300	0+900	LOOP-1 (353+666)	Approved		
109	13811	10:00 AM	24.05.2020	Checking of Clearing & Grubbing with FDD of OGL	0+250	0+700	LOOP-2 (353+666)	Approved		
110	13812	4:00 PM	24.05.2020	Checking of FDD for Embankment 1st Layer	0+800	1+040	RAMP-1 (353+666)	Approved		
111	13813	5:00 PM	24.05.2020	Checking of FDD for Embankment 6th Layer	0+250	0+480	RAMP-2 (353+666)	Approved		
112	13815	10:00 AM	25.05.2020	Checking of Clearing & Grubbing with FDD of OGL	000+700	000+780	LOOP-3 (353+666)	Approved		
113	13816	10:00 AM	25.05.2020	Checking of FDD for Subgrade 1st Layer	354+100	354+380	BHS	Approved		
114	13817	2:00 PM	25.05.2020	Checking of FDD for Embankment 5th Layer	000+640	000+780	RAMP-1 (353+666)	Approved		
115	13818	10:00 AM	25.05.2020	Checking of FDD for Embankment 6th Layer	000+440	000+550	RAMP-1 (353+666)	Approved		
116	13819	2:00 PM	25.05.2020	Checking of FDD for Embankment 8th Layer	000+480	000+840	RAMP-2 (353+666)	Approved		
117	13820	5:00 PM	25.05.2020	Checking of FDD for Embankment 1st Layer	000+500	000+780	LOOP-3 (353+666)	Approved		

**HIGHWAY**  
**RFI SUMMARY PACKAGE -- II FROM DATE 07.05.2020 TO 31.05.2020**

Sr. No.	RFI No.	Inspection		Description	Chainage		Side	Approval status	Tested by IE. Status	Remarks
		Time	Date		From	To				
118	13821	12:00 PM	25.05.2020	Checking of FDD for Embankment 6th Layer	349+900	349+950	BHS	Approved		
119	13822	4:00 PM	25.05.2020	Checking of Center line with Level & FDD for GSB Layer	345+940	346+020	LHS	Approved		
120	13823	5:00 PM	25.05.2020	Checking of Center line with Level & FDD for GSB Layer	345+960	346+030	RHS	Approved		
121	13826	10:00 AM	26.05.2020	Checking of FDD for Embankment 7th Layer	000+250	000+480	RAMP-2 (353+666)	Approved		
122	13827	5:00 PM	26.05.2020	Checking of FDD for Embankment 6th Layer	000+640	000+780	RAMP-1 (353+666)	Approved		
123	13828	2:00 PM	26.05.2020	Checking of FDD for Embankment 7th Layer	000+440	000+550	RAMP-1 (353+666)	Approved		
124	13829	11:00 AM	26.05.2020	Checking of FDD for Embankment 2nd Layer	000+850	000+980	RAMP-1 (353+666)	Approved		
125	13830	4:00 PM	26.05.2020	Checking of FDD for Embankment 5th Layer	000+400	000+680	RAMP-3 (353+666)	Approved		
126	13832	9:00 AM	27.05.2020	Checking for DLC laying	345+760	345+930	LHS	Approved		
127	13833	4:00 PM	27.05.2020	Checking for DLC laying	345+940	346+035	LHS	Approved		
128	13834	6:00 PM	27.05.2020	Checking for DLC laying	345+940	346+040	RHS	Approved		
129	13835	10:00 AM	27.05.2020	Checking of Clearing & Grubbing with FDD of OGL	000+520	000+900	LOOP-2 (353+666)	Approved		
130	13836	2:00 PM	27.05.2020	Checking of FDD for Embankment 2nd Layer	000+550	000+780	LOOP-3 (353+666)	Approved		
131	13837	11:00 AM	27.05.2020	Checking of FDD for Embankment 1st Layer	000+350	000+520	LOOP-2 (353+666)	Approved		
132	13838	12:00 PM	27.05.2020	Checking of FDD for Embankment 2nd Layer	000+800	001+040	RAMP-3 (353+666)	Approved		
133	13839	4:00 PM	27.05.2020	Checking of FDD for Embankment 3rd Layer	000+800	001+040	RAMP-3 (353+666)	Approved		
134	13840	10:00 AM	28.05.2020	Checking of FDD for Embankment 3rd Layer	000+850	000+980	RAMP-1 (353+666)	Approved		
135	13841	5:00 PM	28.05.2020	Checking of FDD for Embankment 1st Layer	000+320	000+900	LOOP-1 (353+666)	Approved		
136	13842	2:00 PM	28.05.2020	Checking of FDD for Embankment 6th Layer	000+400	000+650	Ramp-3 (353+666)	Approved		
137	13843	12:00 PM	28.05.2020	Checking of Center line with Level & FDD for GSB Layer	339+750	339+920	LHS	Approved		
138	13844	4:00 PM	28.05.2020	Checking of Center line with Level & FDD for GSB Layer	339+750	339+920	RHS	Approved		
139	13845	5:00 PM	28.05.2020	Checking for DLC laying	339+750	339+920	LHS	Approved		
140	13849	11:00 AM	29.05.2020	Checking of FDD for Embankment 3rd Layer	000+550	000+780	LOOP-3 (353+666)	Approved		
141	13850	10:00 AM	29.05.2020	Checking of FDD for Embankment 4th Layer	000+800	001+040	RAMP-3 (353+666)	Approved		
142	13851	2:00 PM	29.05.2020	Checking of FDD for Embankment 2nd Layer	000+350	000+520	LOOP-2 (353+666)	Approved		
143	13852	12:00 PM	29.05.2020	Checking of FDD for Embankment 1st Layer	000+520	000+900	LOOP-2 (353+666)	Approved		
144	13853	2:00 PM	29.05.2020	Checking of FDD for Embankment 9th Layer	000+480	000+840	RAMP-2 (353+666)	Approved		
145	13854	2:00 PM	29.05.2020	Checking of Center line with Level & FDD for GSB Layer	324+480	324+660	LHS	Approved		
146	13855	5:00 PM	29.05.2020	Checking for DLC laying	339+760	339+910	RHS	Approved		
147	13858	8:00 AM	30.05.2020	Checking of Center line with Level & FDD for Subgrade Top Layer	339+340	339+380	BHS	Approved		
148	13859	2:00 PM	30.05.2020	Checking of Center line with Level & FDD for GSB Layer	339+340	339+400	LHS	Approved		
149	13860	5:00 PM	30.05.2020	Checking for DLC laying	339+340	339+400	LHS	Approved		
150	13864	4:00 PM	31.05.2020	Checking of Center line with Level & FDD for GSB Layer	339+340	339+400	RHS	Approved		
151	13865	4:00 PM	31.05.2020	Checking of FDD for Embankment 1st Layer	326+900	326+980	MCW-BHS	Approved		
152	13866	10:00 AM	31.05.2020	Checking of FDD for Embankment 1st Layer	000+330	000+350	LOOP-2 (353+666)	Approved		
153	13867	2:00 PM	31.05.2020	Checking of FDD for Embankment 2nd Layer	000+330	000+350	LOOP-2 (353+666)	Approved		
154	13868	5:30 PM	31.05.2020	Checking of FDD for Embankment 8th Layer	000+250	000+480	RAMP-2 (353+666)	Approved		
155	13869	8:00 PM	31.05.2020	Checking for DLC laying	339+340	339+400	MCW	Not Ready		
156	13870	11:00 AM	31.05.2020	Checking of FDD for Embankment 1st Layer	353+000	353+050	MCW-BHS	Approved		

APPROVED = 143 , NOT APPROVED = 13

STRUCTURE										
RFI SUMMARY PACKAGE -- II FROM DATE 07.05.2020 TO 31.05.2020										
Sr. No.	RFI No.	Inspection		Description	Chainage		Side	Approval status	Tested by	Remarks
		Time	Date		From	To			IE.	
									Status	
1	13632	11:00 AM	07.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for Wall 4th Lift for Retaining wall	323+366	323386	RHS	Approved		
2	13633	10:00 AM	07.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for Wall final Lift for Retaining wall	323+486	323506	RHS	Approved		
3	13634	4:00 PM	07.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for Wall 1st Lift for Retaining wall	323+476	323496	LHS	Approved		
4	13635	2:00 PM	07.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for Wall 5th Lift for Retaining wall	323+172	323192	LHS	Approved		
5	13636	12:00 PM	07.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for Wall 5th Lift for Retaining wall	353+530	353550	RHS	Not Approved		
6	13651	11:00 AM	08.05.2020	Checking of Reinforcement, Shuttering for RCC Inner Girder No.4 of A2-P6 for Interchange	353+666		LHS	Approved		
7	13652	4:00 PM	08.05.2020	Allow pouring of concrete for RCC Inner Girder No.4 of A2-P6 for Interchange	353+666		LHS	Approved		
8	13653	11:00 AM	08.05.2020	Checking of Reinforcement, Shuttering for RCC Inner Girder No.5 of A2-P6 for Interchange	353+666		LHS	Approved		
9	13654	2:00 PM	08.05.2020	Allow pouring of concrete for RCC Inner Girder No.5 of A2-P6 for Interchange	353+666		LHS	Approved		
10	13655	12:00 PM	08.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for Raft of Retaining Wall	323+456	323476	LHS	Approved		
11	13656	10:00 AM	08.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for Wall 5th Lift for Retaining wall	353+530	353550	RHS	Approved		
12	13657	11:00 AM	08.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for Wall 5th Lift for Retaining wall	353+125	353145	RHS	Approved		
13	13667	11:00 AM	09.05.2020	Checking of reinforcement and profile of HDPE pipe for PSC girder No.13 of Segment No.4 for minor bridge	330+640			Approved		
14	13668	4:00 PM	09.05.2020	Checking of shuttering and allow pouring of concrete for PSC girder No.13 of Segment No.4 for minor bridge	330+640			Approved		
15	13669	10:00 AM	09.05.2020	Checking of reinforcement and profile of HDPE pipe for PSC girder No.14 of Segment No.4 for minor bridge	330+640			Approved		
16	13670	05:00 PM	09.05.2020	Checking of shuttering and allow pouring of concrete for PSC girder No.14 of Segment No.4 for minor bridge	330+640			Approved		
17	13671	12:00 PM	09.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for Wall 4th Lift for Retaining wall	353+145	353165	RHS	Not Approved		
18	13672	10:00 AM	09.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for Raft of Retaining Wall	323+161	323176	RHS	Approved		
19	13685	11:00 AM	10.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for retaining wall Raft of Box Culvert	326+292		A1,A2 LHS	Approved		
20	13686	2:00 PM	10.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for retaining wall 2nd Lift of Box Culvert	332+659		A1,A2 BHS	Approved		
21	13697	11:00 AM	11.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for Wall 4th Lift for Retaining wall	323+296	323319	RHS	Not Approved		
22	13706	11:00 AM	12.05.2020	Checking of Reinforcement, Shuttering for RCC Inner Girder No.6 of A2-P6 for Interchange	353+666		LHS	Approved		
23	13707	4:00 PM	12.05.2020	Allow pouring of concrete for RCC Inner Girder No.6 of A2-P6 for Interchange	353+666		LHS	Approved		
24	13708	4:00 PM	12.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for final lift, top Haunch and Slab for CUP	347+922		RHS	Approved		
25	13709	2:00 PM	12.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for Wall 4th Lift for Retaining wall	323+296	323315	RHS	Approved		
26	13710	12:00 PM	12.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for Wall 5th Lift for Retaining wall	323+172	323192	LHS	Approved		
27	13711	10:00 AM	12.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for 1st lift of Pier shaft No.1,2,3 of Pier No. 5 for Major bridge	336+810		LHS	Not Approved		
28	13715	11:00 AM	13.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for 1st lift of Pier shaft No.1,2,3 of Pier No. 5 for Major bridge	336+810		LHS	Approved		
29	13716	10:00 AM	13.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for Wall 3rd Lift for Retaining wall	353+145	353165	RHS	Not Approved		
30	13726	11:00 AM	14.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for Wall 1st Lift for Retaining wall	353+245	353265	RHS	Not Approved		
31	13735	11:00 AM	15.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for Wall 3rd Lift for Retaining wall	353+145	353165	RHS	Approved		
32	13751	11:00 AM	17.05.2020 Sunday	Checking of Reinforcement, Shuttering & Pouring of Concrete for Wall 6th Lift for Retaining wall	353+530	353550	RHS	Approved		
33	13762	11:00 AM	19.05.2020	Checking of Reinforcement, Shuttering for RCC Inner Girder No.7 of A2-P6 for Interchange	353+666		LHS	Approved		
34	13763	5:00 PM	19.05.2020	Allow pouring of concrete for RCC Inner Girder No.7 of A2-P6 for Interchange	353+666		LHS	Approved		
35	13765	5:00 PM	20.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for final lift wall,Top Haunch and Slab for Minor Bridge	337+874		LHS	Approved		
36	13766	10:00 AM	20.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for Wall 1st Lift for Retaining wall	353+285	353305	RHS	Approved		
37	13767	4:00 PM	20.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for Wall 1st Lift for Retaining wall	353+320	353330	RHS	Approved		
38	13768	2:00 PM	20.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for Pier cap of segment 3 of Minor Bridge	330+640		A1	Approved		
39	13774	11:00 AM	21.05.2020	Checking of Reinforcement, Shuttering for RCC Inner Girder No.8 of A2-P6 for Interchange	353+666		LHS	Not Approved		
40	13775	4:00 PM	21.05.2020	Allow pouring of concrete for RCC Inner Girder No.8 of A2-P6 for Interchange	353+666		LHS	Not Approved		



STRUCTURE										
RFI SUMMARY PACKAGE -- II FROM DATE 07.05.2020 TO 31.05.2020										
Sr. No.	RFI No.	Inspection	Date	Description	Chainage		Side	Approval status	Tested by IE. Status	Remarks
		Time			From	To				
41	13776	11:00 AM	21.05.2020	Allow pouring of concrete for RCC Girder No.5 of A2-P2 for interchange	323+074		LHS	Approved		
42	13777	5:00 PM	21.05.2020	Allow pouring of concrete for RCC Girder No.6 of A2-P2 for interchange	323+074		LHS	Approved		
43	13789	2:00 PM	22.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for Raft of Retaining Wall	353+450	353470	RHS	Approved		
44	13799	11:00 AM	23.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for 2nd lift of Pier shaft No.1,2,3 of Pier No. 5 for Major bridge	336+810		LHS	Approved		
45	13800	10:00 AM	23.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for Top Haunch and Slab for Minor Bridge	337+874		LHS	Approved		
46	13801	4:00 PM	23.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for 1st lift of Abutment wall No. 2 with retaining wall and haunch for Major bridge	336+810		RHS	Not Approved		
47	13802	12:00 PM	23.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for Wall 1st Lift for Retaining wall	353+305	353320	RHS	Approved		
48	13803	5:00 PM	23.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for Wall 4th Lift for Retaining wall	353+245	353265	RHS	Approved		
49	13806	11:00 AM	24.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for 1st lift of Abutment wall No. 2 with retaining wall and haunch for Major bridge	336+810		RHS	Approved		
50	13807	5:00 PM	24.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for Pier Cap of Pier No. 3 for Interchange	353+666		RHS	Approved		
51	13814	11:00 AM	25.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for Wall 1st Lift for Retaining wall	353+470	353490	RHS	Approved		
52	13831	4:00 PM	27.05.2020	Checking of Prestressing of PSC Girder No.1,2 of segment 4 for minor bridge	330+640			Not Done		
53	13846	12:00 PM	28.05.2020	Checking of Mix design of Grouting Material (Source-FOSROC CEBEX 100)	Virpur Camp			Approved		
54	13848	11:00 AM	29.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for 3rd lift of Pier shaft No.1,2,3 of Pier No. 5 for Major bridge	336+810		LHS	Approved		
55	13857	4:00 PM	30.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for top Haunch and Slab for CUP	352+700		RHS	Not Approved		
56	13862	1:00 AM	31.05.2020	Checking of Reinforcement, Shuttering & Pouring of Concrete for top Haunch and Slab for CUP	352+700		RHS	Approved		

APPROVED = 45 , NOT APPROVED = 11

## LAB

## RFI SUMMARY PACKAGE -- II FROM DATE 07.05.2020 TO 31.05.2020

Sr. No.	RFI No.	Inspection		Description	Chainage		Side	Approval status	Tested by IE.	Remarks
		Time	Date		From	To				
1	13649	10:00 AM	07.05.2020	Checking of sampling and testing of GSB material	339+400	339+600	LHS	Approved		
2	13650	11:00 AM	07.05.2020	Checking of sampling and testing of GSB material	346+220	346+320	RHS	Approved		
3	13665	10:00 AM	08.05.2020	Checking of sampling and testing of GSB material	346+220	346+320	LHS	Approved		
4	13666	12:00 PM	08.05.2020	Checking of sampling and testing of GSB material	339+400	339+600	RHS	Approved		
5	13683	10:00 AM	09.05.2020	Checking of sampling and testing of GSB material	335+065	335+120	LHS	Approved		
6	13684	11:00 AM	09.05.2020	Checking of sampling and testing of GSB material	335+055	335+130	RHS	Approved		
7	13702	10:00 AM	11.05.2020	Checking of sampling and testing of GSB material	346+100	346+220	LHS	Approved		
8	13703	11:00 AM	11.05.2020	Checking of sampling and testing of GSB material	346+100	346+220	RHS	Approved		
9	13704	2:00 PM	11.05.2020	Checking of Sampling and Testing of Borrow area No. 85(A) & 85 (B)	344+400		RHS	Approved		
10	13705	2:00 PM	11.05.2020	Checking of Sampling and Testing of Borrow area No. 86(A) & 86 (B)	342+200		RHS	Approved		
11	13724	10:00 AM	13.05.2020	Checking of sampling and testing of GSB material	346+020	346+100	LHS	Approved		
12	13725	11:00 AM	13.05.2020	Checking of sampling and testing of GSB material	346+000	346+100	RHS	Approved		
13	13748	10:00 AM	16.05.2020	Checking of Sampling and Testing of Borrow area No. 81 D & 81 E(Lead-0.6km)	324+300		LHS	Approved		
14	13749	12:00 PM	16.05.2020	Checking of Sampling and Testing of Borrow area No. 82 B & 82 C(Lead-0.4km)	324+900		RHS	Approved		
15	13750	2:00 PM	16.05.2020	Checking of Sampling and Testing of Borrow area No. 87(Lead-1.0km)	325+769		RHS	Approved		
16	13758	10:00 AM	17.05.2020	Checking of sampling and testing of GSB material	345+750	345+940	LHS	Approved		
17	13771	9:00 AM	20.05.2020	Checking of sampling and testing of GSB material	345+750	345+940	RHS	Approved		
18	13772	10:00 AM	20.05.2020	Checking of Sampling and Testing of Borrow area No. 89(Lead-1 km)	348+400		LHS	Approved		
19	13773	12:00 PM	20.05.2020	Checking of Sampling and Testing of Borrow area No. 88(Lead-10km)	353+450		RHS	Approved		
20	13797	10:00 AM	22.05.2020	Checking of Sampling and Testing of Borrow area No. 89(Lead-1 km)	348+400		LHS	Approved		
21	13798	2:00 PM	22.05.2020	Checking of Sampling and Testing of Borrow area No. 88(Lead-10km)	353+450		RHS	Approved		
22	13824	10:00 AM	25.05.2020	Checking of sampling and testing of GSB material	345+940	346+020	LHS	Approved		
23	13825	10:00 AM	25.05.2020	Checking of sampling and testing of GSB material	345+960	346+030	RHS	Approved		
24	13847	10:00 AM	28.05.2020	Checking of sampling and testing of GSB material	339+750	339+920	BHS	Approved		
25	13856	10:00 AM	29.05.2020	Checking of sampling and testing of GSB material	324+480	324+660	LHS	Approved		
26	13861	10:00 AM	30.05.2020	Checking of sampling and testing of GSB material	339+340	339+400	LHS	Approved		
27	13863	10:00 AM	31.05.2020	Checking of sampling and testing of GSB material	339+340	339+400	RHS	Approved		

APPROVED = 27

**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:- 31/05/2020

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%	30.00	0.04%
	Construction of embankment upto 1 mtr	Km	30.52	5.54%	27.60	5.01%
	Construction of embankment from 1 mtr - 2 mtr	Km	30.52	4.60%	25.50	3.84%
	Construction of embankment from 2 mtr - 3 mtr	Km	30.52	3.68%	24.60	2.96%
	Construction of embankment from 3 mtr - Emb Top	Km	30.52	4.60%	22.60	3.41%
	Construction of Sub grade - MCW	Km	30.52	1.84%	12.60	0.76%
	Constructing Grannular Sub-base	Km	30.52	3.26%	7.2	0.77%
	Medians	Km	30.52	0.12%		0.00%
	Shoulders	Km	64	0.06%	5.5	0.00%
	200mm dia. NP4 pipes	Km	30.52	0.537%		
	DLC	Km	30.52	4.39%	5.505	0.79%
	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%	26	0.36%
<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%	64	1.15%
	PUP - RCC M35 - TOP Slab	Nos	34	1.24%	26	0.95%
<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%	11.5	0.31%
<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%	3.1	0.04%
	PCC Retaining Wall + Toe Wall	Km	3.305	0.12%	3.000	0.11%
	Retaining Wall + Toe Wall	Km	3.305	4.69%	2.9	4.12%
<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			
<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%

**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:- 31/05/2020

Sl. No	Task	Unit	Total Qty	Rev. Wt%	Achieved Qty	% Progress
	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>Interchange 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:- 31/05/2020

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:- 31/05/2020	
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%	50	0.11%
	Abutment/Pier Cap	Nos	8	0.114%	6	0.09%
	Girder	Nos	50	0.060%	31	0.04%
	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 operational and maintenance Center	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%	35787	0.41%
	Reinforced Earth Walls at Flyover and VOP - Blocks laying	Sqm	35787	0.405%	4250	0.050%
<b>30</b>	<b>Boulder pitching 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>46.540%</b>	

**STRUCTURE PROGRESS CHART AS ON 31.05.2020**

**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 Laying	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	15
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	1.5
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	8
12		Done	Done	Done	Done	331+719	331+719	1X1.2	Done	Done	Done	Done		Total		157	39.5
13		Done	Done	Done	Done	332+158	332+294	1X1.2	Done	Done	Done	Done		1	Utility Duct	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									Box Culvert Design Chainage	Box Culvert CA Chainage	Dimension	RHS					
	Finishing			Super-Structure	Sub-Structure	Foundation			Foundation				Sub-Structure	Super-Structure	Finishing			
	Apron	Curtain Wall	Retaining Wall			Raft	PCC	Excavation	Excavation						PCC	Raft	Retaining Wall	Curtain Wall
1						Done	Done	323+038	323+057	1X2X2	Done	Done						
2								323+087	323+087	1X2X2								
3						in progress	Done	323+087	323+087	1X2X2	Done	Done	in progress					
4								323+087	323+087	1X2X2								
5								323+087	323+087	1X2X2								
6						in progress	Done	323+425	323+367	1X3X3	Done	Done	in progress					
7				Done	Done	Done	Done	324+164	324+160	1X2X2	Done	Done	Done	Done				
8				Done	Done	Done	Done	324+236	324+259	1X3X3	Done	Done	Done	Done	Done			
9				Done	Done	Done	Done	324+254	324+273	1X3X3	Done	Done	Done	Done	Done			
10				Done	Done	Done	Done	324+987	325+005	1X3X3	Done	Done	Done	Done	Done			
11				Done	Done	Done	Done	326+292	326+310	1X4X3	Done	Done	Done	Done	Done			
12				Done	Done	Done	Done	326+848	326+867	1X3X3	Done	Done	Done	Done	Done			
13				Done	Done	Done	Done	326+957	326+982	1X2X2	Done	Done	Done	Done	Done			
14					in progress	Done	Done	326+957	326+982	1X2X2	Done	Done	Done	in progress				
15				Done	Done	Done	Done	330+242	330+260	1X2X2	Done	Done	Done	Done	Done			
16				in progress	Done	Done	Done	330+853	330+872	2X4X3	Done	Done	Done	Done	Done			
17				Done	Done	Done	Done	331+840	331+859	1X2X2	Done	Done	Done	Done	Done			
18						Done	Done	331+840	331+859	1X2X2	Done	Done	Done	Done				
19				Done	Done	Done	Done	333+661	333+670	1X5X3	Done	Done	Done	Done	Done			
20				Done	Done	Done	Done	335+074	335+093	1X2X2	Done	Done	Done	Done	Done			
21				Done	Done	Done	Done	335+664	335+684	1X2X2	Done	Done	Done	Done	Done			
22				Done	Done	Done	Done	339+352	339+345	1X2X2	Done	Done	Done	Done	Done			
23				Done	Done	Done	Done	339+700	339+700	1X2X2	Done	Done	Done	Done	Done			
24				Done	Done	Done	Done	339+848	339+852	1X2X2	Done	Done	Done	Done	Done			
25				Done	Done	Done	Done	339+941	339+934	1X2X2	Done	Done	Done	Done	Done			
26				in progress	Done	Done	Done	341+171	341+193	1x6x3	Done	Done	Done	Done	in progress			
27				Done	Done	Done	Done	342+620	342+620	1X4X3	Done	Done	Done	Done	Done			
28					in progress	Done	Done	344+440	344+347	1x2x2	Done	Done	Done	in progress				
29				Done	Done	Done	Done	345+474	345+494	1x4x3	Done	Done	Done	Done	Done			
30				Done	Done	Done	Done	345+966	346+000	1x3x3	Done	Done	Done	Done	Done			
31					in progress	Done	Done	346+776	346+800	2x3x3	Done	Done	Done	in progress				
32				Done	Done	Done	Done	346+800	346+800	2x3x3	Done	Done	Done	Done	Done			
33				Done	Done	Done	Done	347+468	347+468	1x2x2	Done	Done	Done	Done	Done			
34				Done	Done	Done	Done	347+537	347+556	2x3x2	Done	Done	Done	Done	Done			
35					in progress	Done	Done	347+900	347+940	1x2x2	Done	Done	Done	in progress				
36				Done	Done	Done	Done	349+220	349+220	1x5x3	Done	Done	Done	Done	Done			
37					in progress	Done	Done	349+445	349+463	1x5x3	Done	Done	Done	in progress				
38					in progress	Done	Done	349+460	349+463	1x2x2	Done	Done	Done	in progress				
39				Done	Done	Done	Done	349+809	349+832	1x2x2	Done	Done	Done	Done	Done			
40				Done	Done	Done	Done	351+009	351+009	1x3x3	Done	Done	Done	Done	Done			
41					in progress	Done	Done	351+265	351+265	1x3x3	Done	Done	Done	in progress				
42						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								
				26	34	38	41	41	52	52		41	40	38	35	26		



SR.NO	PROGRESS CHART FOR CUP/PUP																		
	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	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	Done	Done	327+575	327+550	1X12	Done	Done	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	Done	331+425	331+450	1X12	Done	Done	Done	Done	Done			
10				Done	Done	Done	Done	Done	332+640	332+675	1X12	Done	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	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>26</b>	<b>32</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>32</b>	<b>27</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	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																				
SR.NO	BOX TYPE																			
	LHS								MNB Design Chainage	MNB CA Chainage	Dimension	RHS								
	Finishing			Super Structure	Sub Structure	Foundation						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	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					

SR.NO	PILE TYPE																	
	LHS							Design Chainage	CA Chainage	Dimension	RHS							
	Superstructure		Sub Structure		Foundation						Pile Scope	Foundation		Substructure		Superstructure		
	Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Pile	Pile					Pile Cap	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		30	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		30	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				
SR.NO	PROGRESS CHART FOR FLYOVER																	
	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 16	4 out of 4	46	92	344+383	344+360	1x22.627+1x42.065+ 1x22.627	46	4 out of 4	13 out of 16	2 out of 4	4			
SR.NO	PROGRESS CHART FOR INTERCHANGE																	
	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		16	3 out of 4	12 out 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 12	3 out of 4	13			
2		20	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	20			
SR.NO	PROGRESS CHART FOR ROB																	
	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							
SR.NO	PROGRESS CHART FOR MJB																	
	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			
SR.NO	PROGRESS CHART FOR VOP																	
	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								



## Eight-Laning of Vadodara Kim Expressway from Km 323.000 to Km 355.000

### Details of Electrical Utilities

Sr. No.	CHAINAGE		Division	SIDE	TYPE	Effected LENGTH (m)	Remarks	Affected Zone
	To	From						
1	323+030	323+040	Amod		11 KV	10	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire
2	323+090	323+095	Amod		11 KV	5	Electric Line Crossing	
3	323+130	323+140	Amod		11 KV	10	Electric Line Crossing	
4	323+160	323+170	Amod		12 KV	10	Electric Line Crossing	
5	323+180	323+200	GETCO		66 KV	20	Electric Line Crossing	
6	323+200	323+210	Amod		11 KV	10	Electric Line Crossing	
7	323+380	323+440	Amod		11 KV	60	Electric Line Crossing	
8	324+090	324+110	GETCO		1 Tower/220KV	20	High Tension Line Crossing	Within ROW (LHS)
9	324+600	324+610	Karjan		2/11KV	10	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW
10	324+700	324+705	Karjan	LHS		5	Transformer	
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	
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	
19	326+900	326+910	Karjan		11 KV	10	Electric Line Crossing	
20	327+175	327+205	GETCO		220KV	30	High Tension Line	
21	327+280	327+290	Karjan		11 KV	10	Electric Line Crossing	Within ROW (RHS)
22	327+280		Karjan	RHS		5	Transformer	Entire ROW
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 Only MCW
28	330+270	330+275	Karjan	RHS	11 KV	5	Transformer	MCW, Shoulder and
29	330+275	330+570	Karjan	8 Line	12 KV	65	Electric Line Crossing	
30	331+230	331+240	Karjan		11 KV	10	Electric Line Crossing	Shoulder and
31	331+430	331+440	Karjan		11 KV	10	Electric Line Crossing	MCW
32	331+800	331+820	Karjan		11 KV	20	Electric Line Crossing	MCW,
33	331+900	331+920	Karjan		11 KV	20	Electric Line Crossing	Shoulder and Service Road
34	331+930	331+950	GETCO		66 KV	20	High Tension Line	
35	332+050	332+060	Karjan		11 KV	10	Electric Line Crossing	Affetcted
36	332+130	332+150	Karjan		11 KV	20	Electric Line Crossing	because the
37	332+410	332+450	Karjan		11 KV	40	Electric Line Crossing	MCW to ROW (LHS)
38	332+490	332+500	Karjan	RHS		5	Transformer	MCW,
39	333+100	333+130	Karjan		11 KV	30	Electric Line Crossing	Shoulder and Service Road
40	333+340	333+350	Karjan	LHS		5	Transformer	
41	333+520	333+540	Karjan		11 KV	20	Electric Line Crossing	Affetcted
42	333+620	333+720	Karjan		11 KV	100	Electric Line Crossing	because the
43	333+950	334+000	Karjan		11 KV	50	Electric Line Crossing	electric line crossing over the Entire
44	334+220	334+240	Karjan		11 KV	20	Electric Line Crossing	
45	334+575	334+590	Karjan		11 KV	15	Electric Line Crossing	because the
46	334+585	334+610	Karjan		11 KV	35	Electric Line Crossing	MCW to ROW (RHS)
47	334+610	334+640	Karjan		11 KV	25	Electric Line Crossing	MCW, Shoulder and
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	Shoulder and Service Road
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	Affetcted
52	335+370	335+400	Padra-1	LHS	11 KV	30	Electric Line Crossing	because the
53	336+080	336+130	PGCIL		400KV	50	High Tension Line	electric line crossing over the Entire
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	because the
56	338+480	338+550	Padra-1		11 KV	70	Electric Line Crossing	electric line crossing over the Entire
57	339+670	339+720	Padra-1		11 KV	50	Electric Line Crossing	ROW

Sr. No.	CHAINAGE		Division	SIDE	TYPE	Effected LENGTH (m)	Remarks	Affected Zone
	To	From						
58	339+670	339+700	Padra-1		11 KV	30	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW
59	340+800	340+950	Torrent		400KV	150	High Tension Line	
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	
91	354+000	354+010	GETCO		66 KV	10	High Tension Line	
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-		11 KV	10	Electric Line Crossing	
					<b>TOTAL</b>	<b>2310</b>		

## Details of Water Pipe Lines/Borewell/Canal Crossing

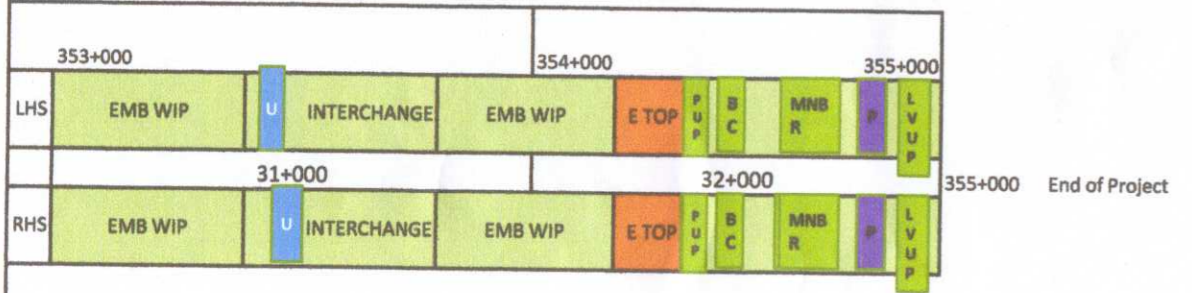
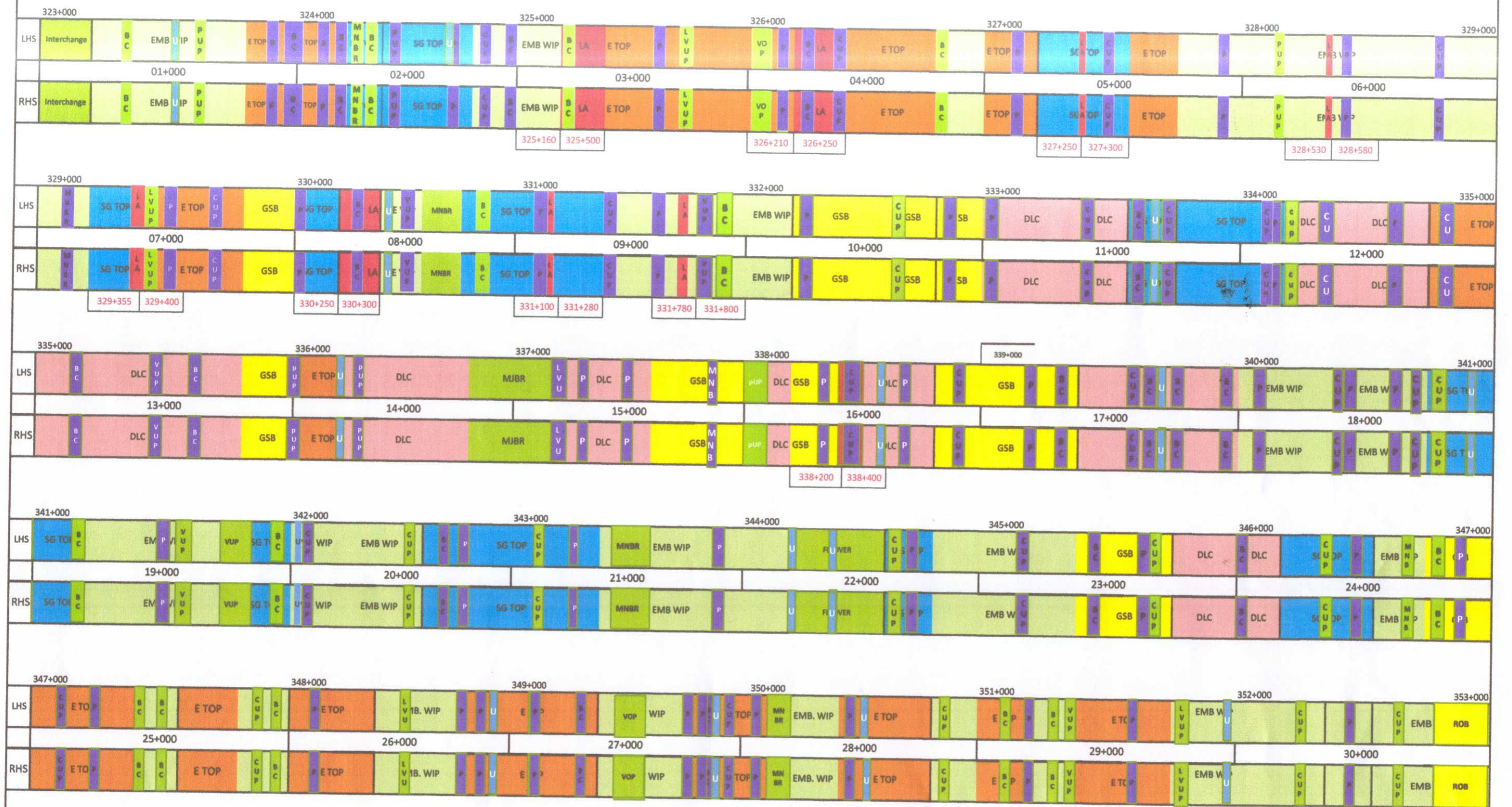
SR. NO.	CHAINAGE		SIDE	TYPE	EFFECTED LENGTH	REMARKS
	To	From				
1	323+040	323+050	LHS	CANAL CROSSING		
2	323+165	323+175	C/L	TUBEWELL	10	
3	324+160	324+185	BHS	CANAL CROSSING		
4	324+180	324+210	BHS	CANAL CROSSING		
5	324+225	324+250	BHS	CANAL CROSSING		
6	324+215	324+240	BHS	CANAL CROSSING		
7	324+600	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 31.05.2020**

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 Affacted Length</b>			<b>975</b>						



**Construction of Eight Lane of Vadodara Kim Expressway from Km 323.000 to Km 355.00 (Sanpa to Padara section of Vadodara Mumbai Expressway) in the State of Gujarat under NHDP Phase - VI on EPC Mode (Phase IA-Package II).**



Legend of Structure	
<span style="background-color: #e0e0e0; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	Yet to Start
<span style="background-color: #ffff00; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	Work in Progress
<span style="background-color: #0000ff; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>	Work Completed

Scope of work (in Km)	Work Done (in Km)	%	
32.00	31.03	96.95%	Work In Progress
32.00	0.975	3.05%	LA Hindrance
32.00	2.695	8.42%	Hindrance( utility )
32.00	1.480	4.63%	Structure
30.52	0.000	0.00%	PQC
30.52	5.505	18.04%	DLC
30.52	7.200	23.59%	GSB TOP
30.52	12.600	41.28%	SG Top
30.52	22.600	74.05%	EMB Top

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

Date	Letter No.	Subject
04.05.2020	PIL/HO/ VK2/IRCON /232 /2020	Regarding submission of Typical Cross Section at PUP/CUP/LVUP/VUP approach road with Re-wall.
06.05.2020	PIL/HO/ VK2/IRCON /234 /2020	Regarding Lock down of the Project Site due to Novel Coronavirus Disease (COVID-19) and its related effect
07.05.2020	PIL/HO/ VK2/IRCON /235 /2020	Regarding Submission of design & drawings of Pier Jacketing of VOP at Ch. 349+441
06.05.2020	PIL/ VK2/ IRCON/ 511 / 2020	Submission of Revised construction Time Schedule
09.05.2020	PIL/HO/ VK2/IRCON /239 /2020	Compliance for Measures to be implemented for construction during Pandemic COVID-19
12.05.2020	PIL/HO/ VK2/IRCON /249 /2020	Submission of Design and Drawings of Minor bridge at Ch.330+640
15.05.2020	PIL/HO/ VKP2/IRCON /252 /2020	Regarding Ministry of Finance, Government Of India Office Memorandum no.- F.18/4/2020-PPD dated 13.05.2020 – Force Majeure Clause.
15.05.2020	PIL/HO/ VK2/IRCON /255 /2020	Regarding Submission of Revised Highway Plan & Profile for Interchange at km. 353+666
19.05.2020	PIL/HO/ VK2/IRCON /256 /2020	Regarding Lock down of the Project Site due to Novel Coronavirus Disease (COVID-19) and its related effect
19.05.2020	PIL/ VK2/ IRCON/ 512 / 2020	Request to Release Due amount of stage payment statement no - 08
20.05.2020	PIL/ VK2/ IRCON/ 513 / 2020	Submission of Company Profile & Credentials of M/s Unique Engineering services for third party testing laboratory approval.
22.05.2020	PIL/HO/ VKP2/IRCON /264 /2020	Request to release the Bank guarantee against Performance Security as per OM issued by Ministry of Finance (GoI) dated 13.05.2020 & OM issued by MoRT&H on dated 18.05.2020 for above Project Highway- Reg.
23.05.2020	PIL/HO/ VK2/IRCON /277 /2020	Request to relax the condition of Schedule H to enable monthly payment as per OM issued by Ministry of Finance (GoI) dated 13.05.2020 & OM issued by MoRT&H on dated 18.05.2020 for above project Highway
23.05.2020	PIL/HO/ VKP2/IRCON /279 /2020	Application for interim Extension of time for Project Completion Schedule (Schedule –J) in pursuant to Clause 10.5 of the Contract Agreement - Reg.
24.05.2020	PIL/ VK2/ IRCON/ 515 / 2020	Monthly Details to be Submitted to NHA for the Month of May 2020
25.05.2020	PIL/ VK2/ IRCON/ 516 / 2020	Submission of design and drawing document for preliminary basis approval for Reinforcement soil approach ramps for CUP's at chainage KM 341+600 & KM 342+067
26.05.2020	PIL/ VK2/ IRCON/ 517 / 2020	Submission of design and drawing document for preliminary basis approval for Reinforcement soil approach ramps for CUP's at chainage KM 342+543 & KM 343+169
26.05.2020	PIL/ VK2/ IRCON/ 518 / 2020	Resubmission of working drawings and Estimates for structures over SSNNL
27.05.2020	PIL/ VK2/ IRCON/ 519 / 2020	Submission of Test results of carbonation for concrete
29.05.2020	PIL/HO/ VK2/IRCON /291 /2020	Submission of soft copies of drawings of ROB @352+946 approved by western railway, Mumbai
29.05.2020	PIL/ VK2/ IRCON/ 520 / 2020	Proposal for Prestressing of girders for MNBR at KM 330+640
30.05.2020	PIL/ VK2/ IRCON/ 521 / 2020	Compliance of NDT Test Report
30.05.2020	PIL/HO/ VKP2/IRCON /296 /2020	Regarding submission of Typical Cross Section at PUP/ CUP/ LVUP/ VUP approach road with Re-wall.

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

<b>Date</b>	<b>Letter No.</b>	<b>Subject</b>
01.05.2020	IRCON/ 3019/ VKE/ PATEL / 1579	Reply of your Letter no. 226 & 229 dated 27.04.2020
02.05.2020	IRCON/ 3019/ VKE/ PATEL / 1580	Submission of Concrete Mix Design for M35 Grade Concrete for RE Block.
02.05.2020	IRCON/ 3019/ VKE/ PATEL / 1581	Submission of Concrete Mix Design for M40, M45 & M50 Grade Concrete.
06.05.2020	IRCON/ 3019/ VKE/ PATEL / 1584	Likely delay in the achievement of Milestone-III and issuance of Slow Progress Notice.
06.05.2020	IRCON/ 3019/ VKE/ PATEL / 1585	Submission of NDT Test Report - Reminder.
07.05.2020	IRCON/ 3019/ VKE/ PATEL / 1586	Compliance for Safety measures to be implemented for construction during Pandemic COVID-19.
09.05.2020	IRCON/ 3019/ VKE/ PATEL / 1588	Monitoring of RFI Reminder-II
13.05.2020	IRCON/ 3019/ VKE/ PATEL / 1594	Submission of Revised Construction Time Schedule.
15.05.2020	IRCON/ 3019/ VKE/ PATEL / 1595	Programme of Inspection on the Project Highway for the month of May, 2020.
18.05.2020	IRCON/ 3019/ VKE/ PATEL / 1601	Monthly Details to be submitted to NHAI for the month of May 2020.
22.05.2020	IRCON/ 3019/ VKE/ PATEL / 1613	Pre - monsoon Protection measures and Action Plan Monsoon 2020.
22.05.2020	IRCON/ 3019/ VKE/ PATEL / 1614	Submission of Methodology and Detailed drawings for Slope Protection.
22.05.2020	IRCON/ 3019/ VKE/ PATEL / 1615	Monthly Details to be submitted to NHAI for the month of May 2020.
22.05.2020	IRCON/ 3019/ VKE/ PATEL / 1616	Proof Check Reports of Design & Drawings of Pier Jacketing for VOP at Ch. 349+441
22.05.2020	IRCON/ 3019/ VKE/ PATEL / 1617	Incidents of damage of HT/LT lines of MGVCCL during construction of Vadodara- Mumbai Expressway.
22.05.2020	IRCON/ 3019/ VKE/ PATEL / 1618	Lock Down of the Project Site due to Novel Coronavirus Disease (COVID-19) and Its related effect.
23.05.2020	IRCON/ 3019/ VKE/ PATEL / 1619	Uploading of RFI Documents in PMS Portal of NHAI.
27.05.2020	IRCON/ 3019/ VKE/ PATEL / 1624	Uploading of Documents in PMS Portal of NHAI.
29.05.2020	IRCON/ 3019/ VKE/ PATEL / 1626	Submission of Revised Plan & Profile for Interchange at km. 535+666.
29.05.2020	IRCON/ 3019/ VKE/ PATEL / 1627	Application for interim Extension of time for Project Completion Schedule (Schedule-J) in pursuant to clause 10.5 of the Contact Agreement.







B/A No.	RFI No.	Date OF Sampling	Date Of Testing	Survey No.	Village	Type of land	Area (Hec.)	Contractor Name	LOCATION	SIDE	Lead(Mtr)	Qty (Cumm)	No. of Pit	MDD	OMC	Gravel	Sand	Silt&Clay	LL	PI	FSI	CBR	CBR @22.5	Used For	REMARKS		
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				To be Submitted		
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				To be Submitted		
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	728	Khamda			M/s BGB Earthmover	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	728	Khamda				341+700	LHS	0.5 Km	6188	4	1.867	12.25	3.01	31.33	65.66	28.65	8.15	20	-		Emb.	To be Submitted		
85	13704	11.05.2020	12.05.2020	266	Padra	Private	0.69.94	M/s Katyayni	344+400	RHS	6.0 Km	15000	10	1.870	13.24	4.38	39.43	56.19	28.15	7.56	18.33	7.29		Emb.	To be Submitted		
85A	13704	11.05.2020		266	Padra	Private	0.69.95	M/s Katyayni	344+400	RHS	6.0 Km	15000	10													In process	
86	13705	11.05.2020	12.05.2020	63	Khamda	Private	0.43.55	M/s BGB Earthmover	342+200	RHS	100 mtr	10500	7	1.868	12.2	2.94	32.97	64.09	27.6	7.23	15	7.13		Emb.	To be Submitted		
86A	13705	11.05.2020		63	Khamda	Private	0.43.55	M/s BGB Earthmover	342+200	RHS	100 mtr	10500	7													In process	
87	13750	16.05.2020	19-05-20	351	Mangrol	Sujlam-Suflam	1.49.08	Krishna Construction	325+769	RHS	1 KM	12000	8	1.920	11.25	4.56	71.38	24.06	23.14	8.76	16.33	12.56		S.G.	To be Submitted		
88	13798	22.05.2020	23-05-20		Hinglot	Sujlam-Suflam		Piyush Parik	354+800	RHS	7.0 Km	10500	7	1.865	12.10	3.65	68.9	27.45	24.8	8.15	15			-	Emb.	To be Submitted	
88A	13798	22.05.2020			Hinglot	Sujlam-Suflam		Piyush Parik	354+800	RHS	7.0 Km	10500	7													In process	
89	13797	22.05.2020	23-05-20	756	Ghayaj	Sujlam-Suflam		Baba Ramdev	348+000	LHS	2.5 KM	15000	10	1.875	11.80	4.4	48.47	47.13	27.16	9.24	16.33			Emb.	To be Submitted		
89A	13797	22.05.2020			Ghayaj	Sujlam-Suflam		Baba Ramdev	348+000	LHS	2.5 KM	15000	10													In process	
89B					Ghayaj	Sujlam-Suflam		Baba Ramdev	348+000	LHS	2.5 KM	15000	10														
89C					Ghayaj	Sujlam-Suflam		Baba Ramdev	348+000	LHS	2.5 KM	15000	10														
90	13871	01.06.2020	04-06-20					M/s BGB Earthmover	340+400	RHS		22500	15	1.848	12.05	3.64	34.26	62.1	26.4	8.12	18.33			Emb.	In process		
90A	13871	01.06.2020						M/s BGB Earthmover	340+400	RHS		22500	15													In process	
91	13901	04.06.2020	05-06-20	34,35,36,37	Shihor	Private	3.36.31	Rudra Enterprises	351+600	RHS	12.0 Km	30000	15												Emb.	In process	
91A	13901	04.06.2020		34,35,36,37	Shihor	Private	3.36.31	Rudra Enterprises	351+600	RHS	12.0 Km	30000	15													Emb.	In process
92	13908	05.06.2020		369	Shihor	Private	01.97.02	Rudra Enterprises	348+400	LHS	2.0 Km														Emb.	In process	
92A	13908	05.06.2020		369	Shihor	Private	01.97.02	Rudra Enterprises	348+400	LHS	2.0 Km															Emb.	In process
93	13909	05.06.2020							348+000	LHS	3.5 Km	22500	15												Emb.	In process	
93A	13909	05.06.2020		496					348+000	LHS	3.5 Km	22500	15												Emb.	In process	
												Total Qty.	7452626														
												TO BE Submit	1801502														

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 May-2020


Client  
Concessionaire  
Independent Engineer  
EPC Contractor  
Contractor

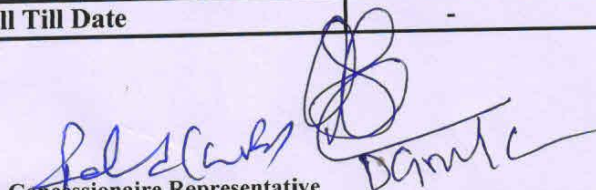
National Highways Authority of India  
Ircan Vadodara Kim Expressway Ltd.  
Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.  
Ircan International Ltd.  
Patel Infrastructure Ltd.

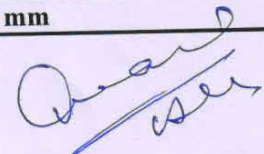
S. No.	DATE	TEMPRATURE (°C)		HUMIDITY (%)		RAINFALL (mm)	CUMMULATIVE RAINFALL (mm)	WEATHER	REMARKS
		Min.	Max.	Min.	Max.				
1	01-May-20	31.2	41.7	12.00	68.00	-	-	Sunny	
2	02-May-20	31.3	41.8	13.00	68.00	-	-	Sunny	
3	03-May-20	31.2	41.7	12.00	69.00	-	-	Sunny	
4	04-May-20	26.1	41.8	13.00	68.00	-	-	Sunny	
5	05-May-20	25.0	41.7	12.00	69.00	-	-	Sunny	
6	06-May-20	25.0	41.7	12.00	72.00	-	-	Sunny	
7	07-May-20	26.0	41.8	13.00	74.00	-	-	Sunny	
8	08-May-20	25.0	41.7	12.00	71.00	-	-	Sunny	
9	09-May-20	25.0	41.7	12.00	75.00	-	-	Sunny	
10	10-May-20	26.0	41.8	13.00	73.00	-	-	Sunny	
11	11-May-20	25.0	41.7	12.00	75.00	-	-	Sunny	
12	12-May-20	25.0	41.8	13.00	74.00	-	-	Sunny	
13	13-May-20	26.0	41.7	12.00	76.00	-	-	Sunny	
14	14-May-20	25.0	41.9	14.00	75.00	-	-	Sunny	
15	15-May-20	25.0	41.7	12.00	74.00	-	-	Sunny	
16	16-May-20	30.0	41.0	20.00	58.00	-	-	Sunny	
17	17-May-20	32.0	40.5	20.00	56.00	-	-	Sunny	
18	18-May-20	32.0	40.9	20.00	70.00	-	-	Sunny	
19	19-May-20	31.0	41.7	19.00	74.00	-	-	Sunny	
20	20-May-20	32.0	41.7	19.00	74.00	-	-	Sunny	
21	21-May-20	32.0	41.8	17.00	74.00	-	-	Sunny	
22	22-May-20	31.0	41.8	19.00	75.00	-	-	Sunny	
23	23-May-20	32.0	41.7	17.00	74.00	-	-	Sunny	
24	24-May-20	32.0	41.9	19.00	72.00	-	-	Sunny	
25	25-May-20	31.0	41.7	19.00	74.00	-	-	Sunny	
26	26-May-20	28.0	44.0	18.00	75.00	-	-	Sunny	
27	27-May-20	28.0	44.0	19.00	78.00	-	-	Sunny	
28	28-May-20	29.0	43.0	17.00	75.00	-	-	Sunny	
29	29-May-20	29.0	42.0	18.00	74.00	-	-	Sunny	
30	30-May-20	30.0	42.0	19.00	76.00	-	-	Sunny	
31	31-May-20	29.0	40.0	19.00	79.00	-	-	Sunny	

**Cummulative Rainfall Till Date**

mm

  
EPC Representative

  
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 Iacon Vadoara Kim Expressway Ltd  
 Independent Engineer Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.  
 EPC Contractor Iacon International Ltd.  
 Contractor Patel Infrastructure Ltd.

MONTHLY PROGRESS REPORT (PKG-II)

The Month of May-2020

OGL

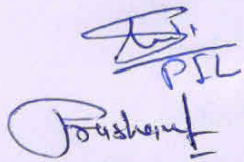
S.No	Description of Test	No. of Test Conducted upto previous month			No. of Test Conducted during this Month				Cummulative Total			Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		I.E. Witness	No. of Test Conducted	Results		
			Passed	Failed		Passed	Failed			Passed	Failed	
1	Proctor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

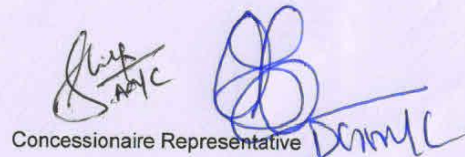
Shoulder

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		I.E. Witness	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	

Existing Site Sample (MCW/SR)

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		I.E. Witness	No. of Test Conducted	Results		
			Passed	Failed		Passed	Failed			Passed	Failed	
1	Proctor Test	38	38	0	0	0	0	0	38	38	0	Frequency of testing is as per specification
2	LL/PI	20	20	0	0	0	0	0	20	20	0	
3	Sand Content (GSA)	20	20	0	0	0	0	0	20	20	0	
4	Free Swell Index	20	20	0	0	0	0	0	20	20	0	
5	C.B.R	42	42	2	0	0	0	0	42	42	2	

  
 EPC Representative

  
 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)  
 The Month of May-2020

Borrow Materials

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		I.E. Witness	No. of Test Conducted	Results		
			Passed	Failed		Passed	Failed			Passed	Failed	
1	Proctor Test	4362	4362	0	84	84	0	17	4446	4446	0	Frequency of testing is as per specification
2	LL/PI	4362	4362	0	84	84	0	17	4446	4446	0	
3	Sand Content (GSA)	4362	4362	0	84	84	0	17	4446	4446	0	
4	Free Swell Index	4362	4362	0	84	84	0	17	4446	4446	0	
5	C.B.R	821	762	59	4	4	0	0	825	766	59	
6	C.B.R (Soil Blended with Sand/Lime/Copper)	16	5	11	0	0	0	0	16	5	11	


Soil Stabilization

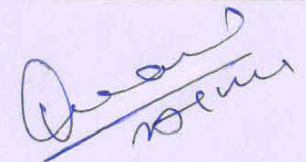
S.No	Description of Test	No. of Test Conducted upto previous month			No. of Test Conducted during this Month				Cummulative Total			Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		I.E. Witness	No. of Test Conducted	Results		
			Passed	Failed		Passed	Failed			Passed	Failed	
1	Proctor 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	

Granular Sub Base

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		I.E. Witness	No. of Test Conducted	Results		
			Passed	Failed		Passed	Failed			Passed	Failed	
1	Proctor Test	8	8	0	0	0	0	0	8	8	0	Frequency of testing is as per specification
2	Gradation	343	335	8	26	26	0	5	369	361	8	
3	LL/PI	307	307	0	26	26	0	5	333	333	0	
4	10% fines Value	2	2	0	0	0	0	0	2	2	0	
5	AIV	33	33	0	0	0	0	0	33	33	0	
6	C.B.R	8	8	0	0	0	0	0	8	8	0	

  
 EPC Representative

  
 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 Ircon Vadoara Kim Expressway Ltd  
 Independent Engineer Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.  
 EPC Contractor Ircon International Ltd.  
 Contractor Patel Infrastructure Ltd.

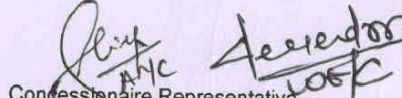
MONTHLY PROGRESS REPORT (PKG-II)  
 The Month of May-2020

Existing Site Sample(GSB/WMM)

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		I.E. Witness	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	6	6	0	0	0	0	6	6	0		
3	LL/PI	6	6	0	0	0	0	6	6	0		
4	A.I.V.	0	0	0	0	0	0	0	0	0		
5	F.I. & E.I.	0	0	0	0	0	0	0	0	0		
6	10% fines Value	0	0	0	0	0	0	0	0	0		
7	Water Absorption	0	0	0	0	0	0	0	0	0		
8	L.A.A.V	0	0	0	0	0	0	0	0	0		
9	CBR	0	0	0	0	0	0	0	0	0		
Concrete Works												
		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				Cummulative Total			Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		I.E. Witness	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		
2	M-15 Concrete											
	7 Days	0	0	0	0	0	0	0	0	0		
	28 days	0	0	0	0	0	0	0	0	0		
3	M-20 Concrete											
	7 Days	811	811	0	19	19	0	830	830	0		
	28 days	1896	1896	0	19	19	0	1915	1915	0		
4	M-25 Concrete											
	7 Days	0	0	0	0	0	0	0	0	0		
	28 days	0	0	0	0	0	0	0	0	0		

  
 EPC Representative

  
 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)

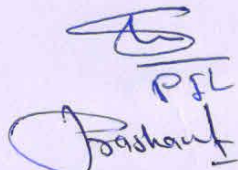
Client National Highways Authority of India  
 Concessionaire Irocon Vadoara Kim Expressway Ltd  
 Independent Engineer Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.  
 EPC Contractor Irocon International Ltd.  
 Contractor Patel Infrastructure Ltd.

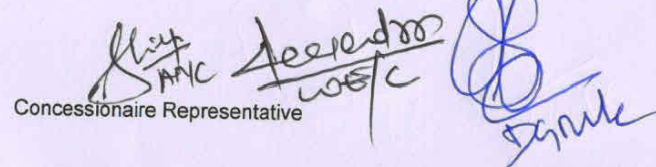
MONTHLY PROGRESS REPORT (PKG-II)

The Month of May-2020

5	M-30 Concrete										
	7 Days	580	580	0	43	43	0	4	623	623	0
	28 days	2111	2111	0	46	46	0	04	2157	2157	0
6	M-35 (Pile)										
	7 Days	907	907	0	0	0	0	0	907	907	0
	28 days	4879	4879	0	8	8	0	1	4887	4887	0
	M-35 (RCC)										
	7 Days	1164	1164	0	18	18	0	2	1182	1182	0
	28 days	4396	4396	0	69	69	0	7	4465	4465	0
	M-35 (RE)										
	7 Days	161	161	0	0	0	0	0	161	161	0
	28 days	604	604	0	0	0	0	0	604	604	0
7	M-40 Concrete										
	7 Days	37	37	0	11	11	0	1	48	48	0
	28 days	127	127	0	13	13	0	1	140	140	0
8	M-45 Concrete										
	7 Days	12	12	0	7	7	0	1	19	19	0
	28 days	79	79	0	8	8	0	1	87	87	0
9	M-50 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
10	End Block(GP2)	0	0	0	0	0	0	0	0	0	0
11	DLC Concrete										
	07 days	110	110	0	45	45	0	5	155	155	0
12	PQC (M-40)										
	7 Days	0	0	0	0	0	0	0	0	0	0
	28 days	0	0	0	0	0	0	0	0	0	0
	Beam	0	0	0	0	0	0	0	0	0	0

Frequency of testing is as per specification,  
 (Cube Testing days Extended after lockdown)

  
 PFL  
 EPC Representative

  
 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)

The Month of May-2020

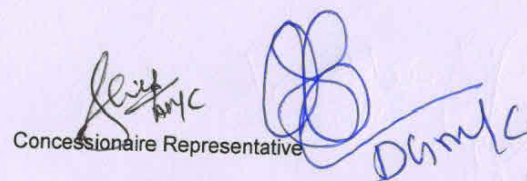
a) D.L.C. (Combined Gradation)	39	39	0	19	19	0	2	58	58	0
b) Coarse Aggregate Gradation	355	354	1	28	28	0	3	383	382	1
c) Fine Aggregate Gradation	354	354	0	28	28	0	3	382	382	0
d) Flakiness Index	218	218	0	4	4	0	0	222	222	0
e) Impact Test	217	217	0	4	4	0	0	221	221	0
f) Specific Gravity	18	18	0	0	0	0	0	18	18	0
g) Water Absorption	18	18	0	0	0	0	0	18	18	0
B. Testing of stone										
a) Petrographical Examination	4	4	0	0	0	0	0	4	4	0
b) Alkali Agg Reactivity	5	5	0	0	0	0	0	5	5	0
c) Chloride Content	5	5	0	0	0	0	0	5	5	0
d) Sulphate Content	5	5	0	0	0	0	0	5	5	0
e) Del material Content	5	5	0	0	0	0	0	5	5	0
f) Sp. Gr & Water Absorption	5	5	0	0	0	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		I.E. Witness	No. of Test Conducted	Results		
			Passed	Failed		Passed	Failed			Passed	Failed	
1	Consistency	16	16	0	0	0	0	0	16	16	0	Frequency of testing is as per specification
2	Initial & Final Setting Time	16	16	0	0	0	0	0	16	16	0	
3	Fineness	16	16	0	0	0	0	0	16	16	0	
4	Specific Gravity	4	4	0	0	0	0	0	16	16	0	
5	3 days Comp. Strength	16	16	0	0	0	0	0	4	4	0	
6	7 days Comp. Strength	16	16	0	0	0	0	0	16	16	0	
7	28 days Comp. Strength	7	7	0	0	0	0	0	16	16	0	

  
 EPC Representative

  
 Concessionaire Representative

  
 IE Representative

NATIONAL HIGHWAYS AUTHORITY OF INDIA

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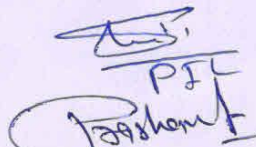
MONTHLY PROGRESS REPORT (PKG-II)  
 The Month of May-2020

(ii) OPC-53 Grade

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		I.E. Witness	No. of Test Conducted	Results		
			Passed	Failed		Passed	Failed			Passed	Failed	
1	Consistency	158	158	0	16	16	0	3	174	174	0	Frequency of testing is as per specification (Cube Testing days Extended after lockdown)
2	Initial & Final Setting Time	158	158	0	16	16	0	3	174	174	0	
3	Fineness	158	158	0	16	16	0	3	174	174	0	
4	Specific Gravity	2	2	0	0	0	0	0	2	2	0	
5	3 days Comp. Strength	156	156	0	14	14	0	0	170	170	0	
6	7 days Comp. Strength	156	156	0	11	11	0	0	167	167	0	
7	28 days Comp. Strength	167	167	0	2	2	0	0	169	169	0	

Design Mix/Nominal Mix

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

  
 EPC Representative

  
 Concessionaire Representative

  
 IE Representative



NATIONAL HIGHWAYS AUTHORITY OF INDIA

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 Contractor Patel Infrastructure Ltd.

MONTHLY PROGRESS REPORT (PKG-II)

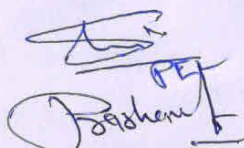
The Month of May-2020

Calibrations

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		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	28	28	0	3	3	0	1	31	31	0	
3	Hot Mix Plant	0	0	0	0	0	0	0	0	0	0	
4	Rapid Moisture Meter	27	27	0	0	0	0	0	27	27	0	
5	Sand Pouring Cylinder	42	42	0	0	0	0	0	42	42	0	
6	C.T.M.	3	3	0	0	0	0	0	3	3	0	
7	F.T.M.	1	1	0	0	0	0	0	1	1	0	
8	Weight & Balance	9	9	0	0	0	0	0	9	9	0	
9	Proving rings											
	a) 2.5 KN	1	1	0	0	0	0	0	1	1	0	
	b) 25 KN	1	1	0	0	0	0	0	1	1	0	
	c) 50 KN	1	1	0	0	0	0	0	1	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				Cummulative Total			Remarks
		No. of Test Conducted	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	3111	8	0	0	0	0	3119	3111	8	
2	Embankment	8369	8369	0	550	550	0	10	8919	8919	0	Frequency of testing is as per specification(Set)
3	Subgrade	1092	1092	0	320	320	0	64	1412	1412	0	
4	G.S.B	1220	1207	13	440	440	0	0	1660	1647	13	Ground Improvement
5	W.M.M	0	0	0	0	0	0	0	0	0	0	FDD Test witnesses
6	D.L.C.	151	151	0	44	44	0	0	195	195	0	BY Site A.H.E
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	114	5	0	0	0	0	119	114	5	
10	Shoulder/Median	0	0	0	0	0	0	0	0	0	0	
11	Embankment (RE Wall)	12	12	0	0	0	0	0	12	12	0	



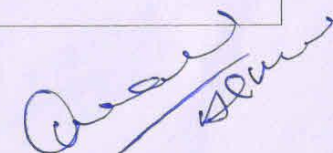
EPC Representative



Concessionaire Representative



IE Representative





336 +810 MJB CONCRETE POURING WORK IS IN PROGRESS



330+640 MNB PIER CAP CONCRETE POURING IN PROGRESS



337+874 MNB CONCRETE POURING WORK IS IN PROGRESS



343+566 MNB PIER CAP SIDE STAGING AND BOTTOM PLATE PLACING WORK IS IN PROGRESS





352+700 CUP RHS SLAB CONCRETE POURING IN PROGRESS-



344+383 FLY OVER PILE CAP CONCRETE POURING WORK IS IN PROGRESS



353+666 INTERCHANGE GIRDER CURING WORK IN PROGRESS



351+284 VUP RHS WALL LIFT CONCRETE POURING IN PROGRESS



353+440 TO 353+460. RETAINING WALL RAFT & WALL CURING WORK PROGRESS



353+666 INTERCHANGE FINAL LIFT PIER CONCRETE POURING IN PROGRESS



JOINT SAMPLE AT CH-331+450 TO 331+690



LAYOUT OF PEDESTAL MARKING AT CH NO 323+074 INTERCHANGE PIER CAP



GEOTEXTILE LAYING WORK IN PROGRESS



FDD CHECKING OF SUBGRADE FROM 332+300 TO 332+ 400



DLC CURING AT 338+600 TO 338+870 LHS



DLC LAYING COMPLETED AT CH 345+770 TO 346+030 LHS



EMB FINISHING AND ROLLING AT 325+810 TO 326+010 BHS



324+920 TO 970 EMB BHS DUMPING WORK



327+940 TO 328+150 RHS FINISHING AND ROLLING WORK



346+700 EMB LAYER PREPARING



DLC LAYING WORK IS IN PROGRESS  
AT CH 338+750 to 338+880 RHS



SITE VISIT FOR PROGRESS MONITORING



MIXING AND WATERING SIMULTANEOUSLY  
AT CH.328+400 TO 328+500



RECTIFICATION WORK AT CH 325+650 TO 325+740



SLOP CUTTING WORK IN PROGRESS 346+300



SLOPE DRESSING 345+700 TO 345+940 LHS (2)



SLOPE DRESSING 345+700 TO 345+940 LHS



SUB GRADE CHECKING FROM 328+300 TO 400 BHS



1 May 2020 18:41:01  
Gujarat State Highway 160  
Goriyad  
Vadodara  
Gujarat

SAFETY PRECAUTIONS TO CURB SPREAD OF COVID 19 -  
TEMPERATURES CHECKING OF LABOUR AT CH 344 FLYOVER



21 May 2020 06:28:01

SANITIZING WORK IN THE OFFICE PREMISES



10 May 2020 08:34:17

THERMAL SCANNING IN LABOUR COLONY @ CH 353+666



1 May 2020 10:08:01  
Unnamed Road  
Vadodara  
Gujarat

TOOLBOX MEETING CONDUCTED AT CH. 324+987



HARD BARRICADING SIGN BOARD INSTALLED AT CH. 353







CURING AT 324+987 BC SLAB



**"OVERHEAD POWER LINE"** SIGN BOARD REMOVED  
& REINSTALLED AT CH 324+900