

# MONTHLY PROGRESS REPORT

## AUGUST - 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 EPC mode

**Concessionaire: IVKEL**



**IRCON INTERNATIONAL LIMITED**

(A Government of India Undertaking)

**EPC Contractor:**

**PATEL INFRASTRUCTURE LIMITED**

*PATEL HOUSE, CHANNI, VADODARA*



Every Milestone is Our Value

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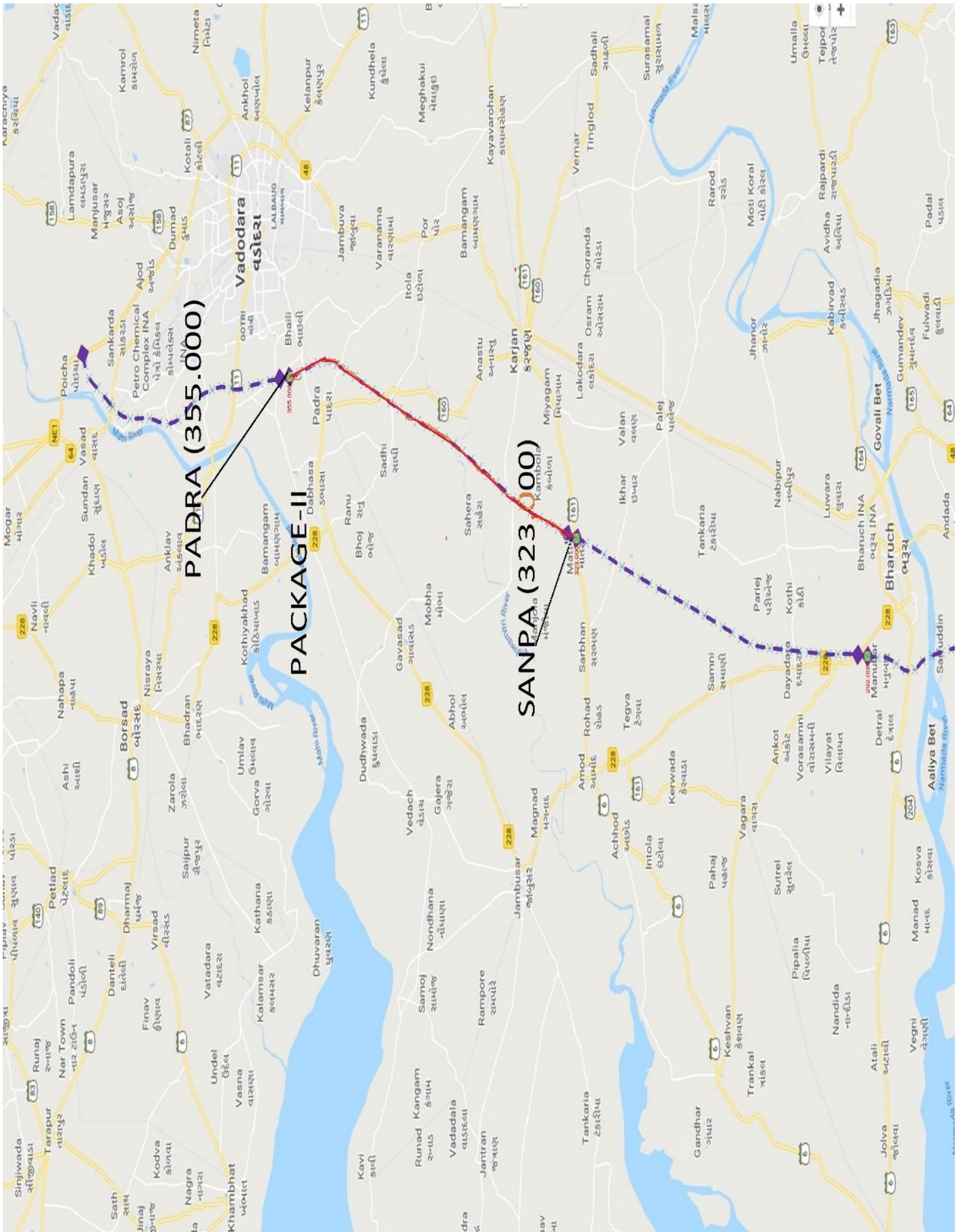
I. LOCATION PLAN & KEY PLAN

A. Key plan of Expressway





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

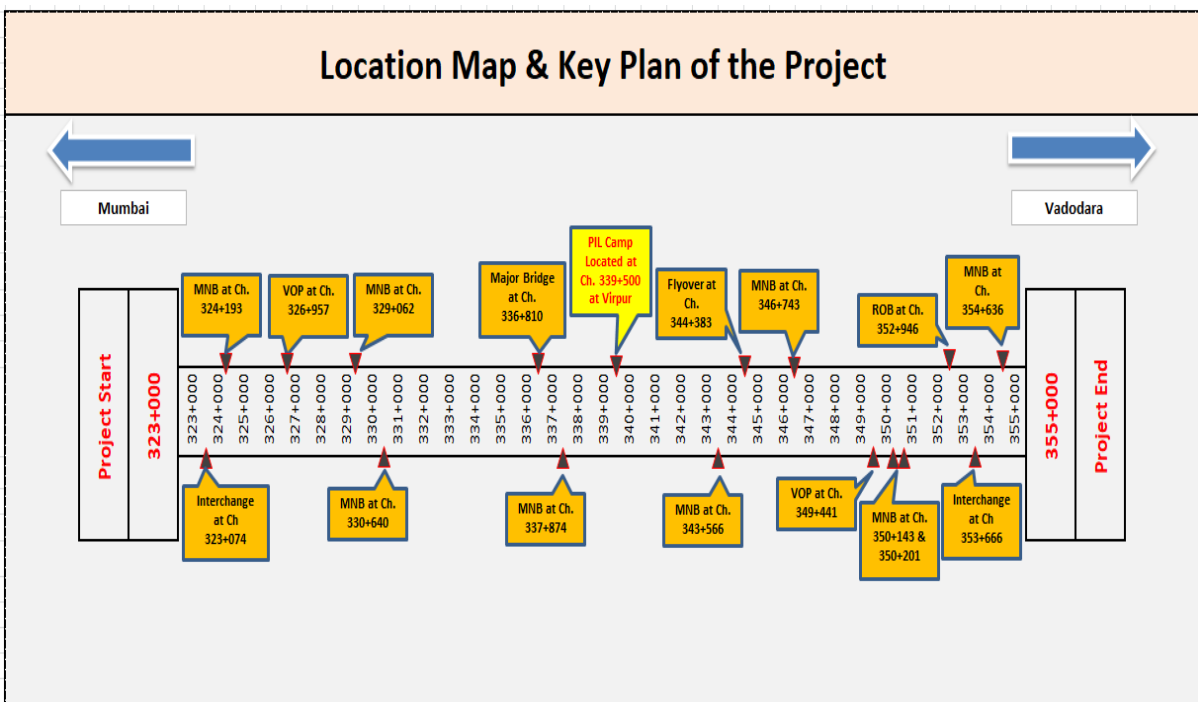


Monthly Progress Report- August 2020

Patel Infrastructure 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 323.000 to 355.000 (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. Further, The design & drawing was approved on 20.03.2020 by the railway department and letter was issued on dt 28.07.2020

This report covers the progress for the month of August 2020. The Embankment work of the main carriageway has been continued and 30.0 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 (%)	48.37%
2	Cumulative Achieved Physical Progress up to Current month (%)	48.25%
3	Physical progress target during current month (%)	0.84%
4	Physical progress achieved during current month (%)	0.25%
5	Cumulative Achieved Financial Progress up to Current month (%)	29.12%



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

### 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 Limited
Project Length	32.00 Km
Total Bid Project Cost	1465.00 Cr.
Defect liability Period	42 month
Construction Period (as per CA)	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
Proposed Date of Completion	14.08.2021

#### A. Milestones as per CA:

Sr. No.	Project Milestone	Required % of Physical & Financial Work Completion to Achieve Milestone	Date of Milestone as per CA	Achieved Date of Milestone	Remarks
1	Milestone - 1	20%	30/06/2019	27/09/2019 (Achieved)	
2	Milestone – 2	35%	27/12/2019	25/01/2020 (Achieved)	IRCON Letter No 1540, dt 14.04.2020
3	Milestone – 3	75%	25/04/2020	28.02.2021 (Proposed)	
4	Milestone – 4	100%	01/12/2020	14.08.2021 (Proposed)	

### 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



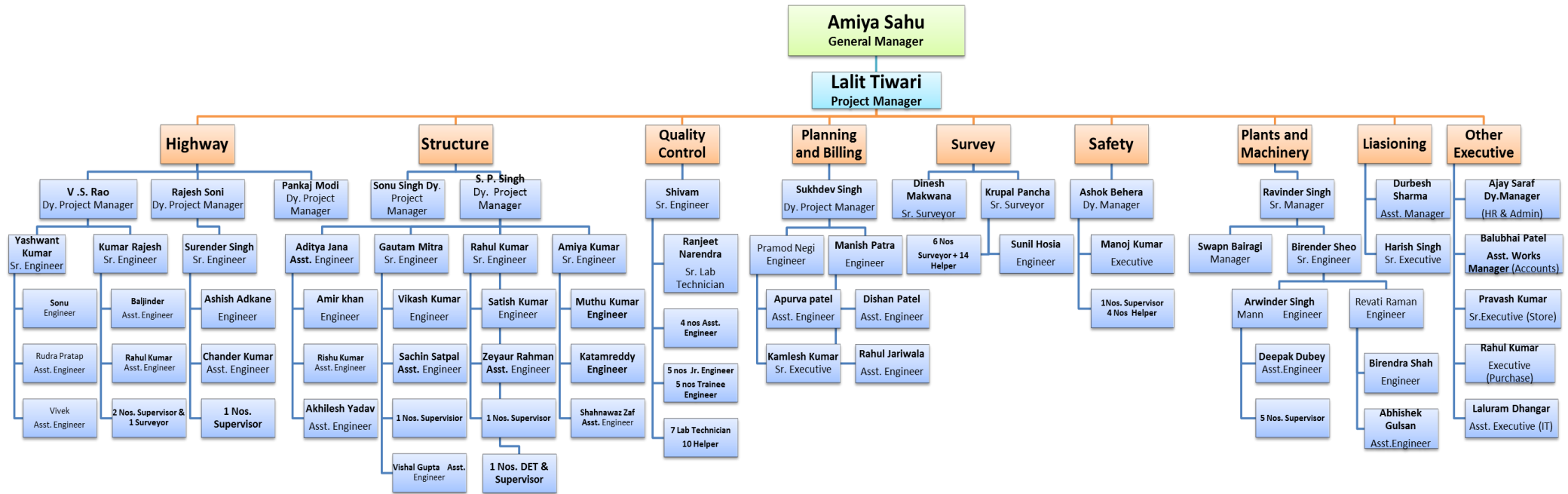
**C. Details of MCW:**

<b>Sr. No.</b>	<b>Description</b>	<b>Length (in Km)</b>
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:**

<b>S. No.</b>	<b>Type of Structure</b>	<b>Details</b>
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	15 Working	22 Nos. Idle
3	Motor Grader	Nos	19	28	10 Working	18 Nos. Idle
4	Vibratory Roller/Soil Compactor	Nos	19	39	6 Working	33 Nos. Idle
5	Wet Mix Paver	Nos	0	0		
6	Wet Mix Plant	Nos	0	1		Idle
7	DLC Paver	Nos	0	1		Working
8	PQC Paver	Nos	0	1		Working
9	Hot Mix Plant	Nos	0	0		
10	Bitumen Paver	Nos	0	0		
11	Bitumen Sprayer	Nos	0	0		
12	Broomer	Nos	0	0		
13	Tandem Roller	Nos	3	3		Idle
14	Pneumatic Tyre Roller	Nos	0	0		
15	Dumpers/Tippers	Nos	86	148	35 Working	113 Nos. Idle
16	FE Loaders/Dozer	Nos	5	10		Working
17	Water Tanker	Nos	19	48		Working
18	Compressor	Nos	0	0		
19	Concrete Batching Plant	Nos	1	10	CP-45 (2),CP-18, CP-65, CP-115, H6N240,CP-250,CP-30(3)	6 Nos. Working, 4 nos. Idle
20	Transit Mixers	Nos	9	40	15 Nos. working	25 Nos. Idle
21	Concrete Pump + Boom placer	Nos	2	3		Working
22	Kerb Machine	Nos	1	1		Idle
23	Crusher - 250 MT	Nos	1	1		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	3		Working
28	Tower Light	Nos	4	8		Working
29	Hydra Crane	Nos	2	6		Working
30	Vibratory Rammer	Nos	2	2		Working
31	Dewatering Pump (Portable)	Nos	5	7		Working
32	Baby Roller	Nos	2	2		Idle
33	Trailor / Platform Truck	Nos	1	6		Working
34	Vibrator (Needle Type)	Nos	4	12		Working
35	Kerb Cutter	Nos	2	2		Idle
36	Pile Boring machines	Nos.	6	4		Working

Chainagewise distribution of Machinery					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Sr No	Agency	Chainage		Length (m)	Back Hoe Loader	Excavator	Motor Grader	Vibratory Roller/ Soil Compactor	Wet Mix Paver	Wet Mix Plant	DLC Paver	PQC Paver	Hot Mix Plant	Bitumen Paver	Bitumen Sprayer	Broomer	Tandem Roller	Pneumatic Tyre Roller	Dumpers /Tippers	FE Loaders /Dozer	Water Tanker
		From	To																		
1	M/s Radha Krishna Traders	323+000	324+900	1900	2	2	2	2											9		3
2	M/s Dwarkesh	324+900	327+300	2400	2	2	2	2											9		3
3	M/S Baba Ramdev Traders	327+300	328+500	1200	2	2	2	3											9		3
4	M/s Krishna Constructions.	328+500	329+000	500	1	2	2	2											9		2
5	M/s Sagar Infrastructure	329+000	330+500	1500	1	2	1	2											9		3
6	M/s Radha Krishna Traders	330+500	335+070	4570	2	3	2	3											14		4
7	M/s ABCC Builders Pvt Ltd	335+070	337+000	1930	1	2	1	3											9		2
8	M/s BGB Earth Movers	337+000	340+500	3500	2	3	2	2											9		4
9	M/s Jagbir Mallick	340+500	342+500	2000	1	3	1	3											9		3
10	M/s BGB Earth Movers	342+500	344+000	1500	1	2	2	3											9		3
11	M/s Sukhwinder Construction	344+000	346+500	2500	1	3	2	2											9		3
12	M/s Ashwani Kumar	346+500	350+200	3700	2	3	1	3											10		3
13	M/S Baba Ramdev Traders	350+200	351+000	800	1	2	2	2											9		3
14	M/s Rudra	351+000	353+000	2000	1	2	2	3											9		3
15	M/s Parikh Transport	353+000	354+000	1000	1	2	2	2											8		3
16	M/s World Earth Movers	354+000	355+000	1000	1	2	2	2											8		3
17	PIL Camp	339+400								1	1	1					3			10	
18	Associate Engineers	349+000																			
19	Shree Ram Associate	343+000																			
20	Ajit Construction	323+000																			
21	Lakhani Enterprise	323+000																			
22	Akshar Construction	336+000																			
	<b>Total</b>			<b>32000</b>	<b>22</b>	<b>37</b>	<b>28</b>	<b>39</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>148</b>	<b>10</b>	<b>48</b>

Chainagewise distribution of Machinery					18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
Sr No	Agency	Chainage		Length (m)	Compressor	Concrete Batching Plant	Transit Mixers	Concrete Pump + Boom placer	Kerb Machine	Crusher - 250 MT	Weigh Bridge	Tractor	Diesel Tanker	Tempo	Tower Light	Hydra Crane	Vibratory Rammer	Dewatering Pump (Portable)	Baby Roller	Trailer / Platform Truck	Vibrator (Needle Type)	Kerb Cutter	Pile Boring machines
		From	To																				
1	M/s Radha Krishna Traders	323+000	324+900	1900														1					
2	M/s Dwarkesh	324+900	327+300	2400								1											
3	M/S Baba Ramdev Traders	327+300	328+500	1200														1					
4	M/s Krishna Constructions.	328+500	329+000	500																			
5	M/s Sagar Infrastructure	329+000	330+500	1500								1						1					
6	M/s Radha Krishna Traders	330+500	335+070	4570								1				1							
7	M/s ABCC Builders Pvt Ltd	335+070	337+000	1930								1						1					
8	M/s BGB Earth Movers	337+000	340+500	3500								1				1							
9	M/s Jagbir Mallick	340+500	342+500	2000								1				1		1					
10	M/s BGB Earth Movers	342+500	344+000	1500																			
11	M/s Sukhwinder Construction	344+000	346+500	2500								1											
12	M/s Ashwani Kumar	346+500	350+200	3700								1				1		1					
13	M/S Baba Ramdev Traders	350+200	351+000	800																			
14	M/s Rudra	351+000	353+000	2000								1											
15	M/s Parikh Transport	353+000	354+000	1000								1											
16	M/s World Earth Movers	354+000	355+000	1000														1					
17	PIL Camp	339+400				5	18	1	1		2		2	3	2	2	2		2	4	2	2	5
18	Associate Engineers	349+000				1	4	1					1		1					1	2		
19	Shree Ram Associate	343+000				1	6						1		1					1	2		
20	Ajit Construction	323+000				1	5	1					1		1						2		
21	Lakhani Enterprise	323+000				1	3	1							2						2		
22	Akshar Construction	336+000				1	4								1						2		5
	<b>Total</b>			<b>32000</b>	<b>0</b>	<b>10</b>	<b>40</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>10</b>	<b>5</b>	<b>3</b>	<b>8</b>	<b>6</b>	<b>2</b>	<b>7</b>	<b>2</b>	<b>6</b>	<b>12</b>	<b>2</b>	<b>10</b>

**G. Details of Applicable Permits:**

<b>Status of Applicable Permits (As per Schedule F) as on 31st August-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	02.06.2020	
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	Received	14.01.2020	
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 48.25% as on 31.08.2020.

Given below is the summary of status of the works executed as 31.08.2020

### B. Highway Progress:

Sr. No.	Item	Unit	Scope of work	Completed	Work in Progress	Balance work
1	C & G	Km	30.52	30.00	0	0.52
2	Embankment	Km	30.52	23.00	0	7.52
3	Sub grade	Km	30.52	14.33	0	16.19
4	GSB	Km	30.52	8.74	0	21.78
5	DLC	Km	30.52	6.59	0	23.93
6	PQC	Km	30.52	0.7	0	29.82

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

### A. 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, Pipe extension is in progress, Both side chambers yet to start.
2	BOX Culvert	52	20	10	22	1.) Foundation-26 Nos. completed 2.) Substructure-22 Nos. completed Structure to be taken up for connecting roads, ramps & loops
3	Flyover	1	0	1	0	1.) Foundation-8 Nos. completed 2.) Substructure-3 Nos. completed 3.) Girder-Not started yet
4	ROB	1	0	1	0	1.) Pile-36 Nos. completed
5	MJB	1	0	1	0	1.) Pile-181 Nos. completed 2.) Foundation-4 Nos. completed 3.) Substructure- RP-1, LP-5, RP-5 and LA-2 Pier/abt. Shaft is in progress

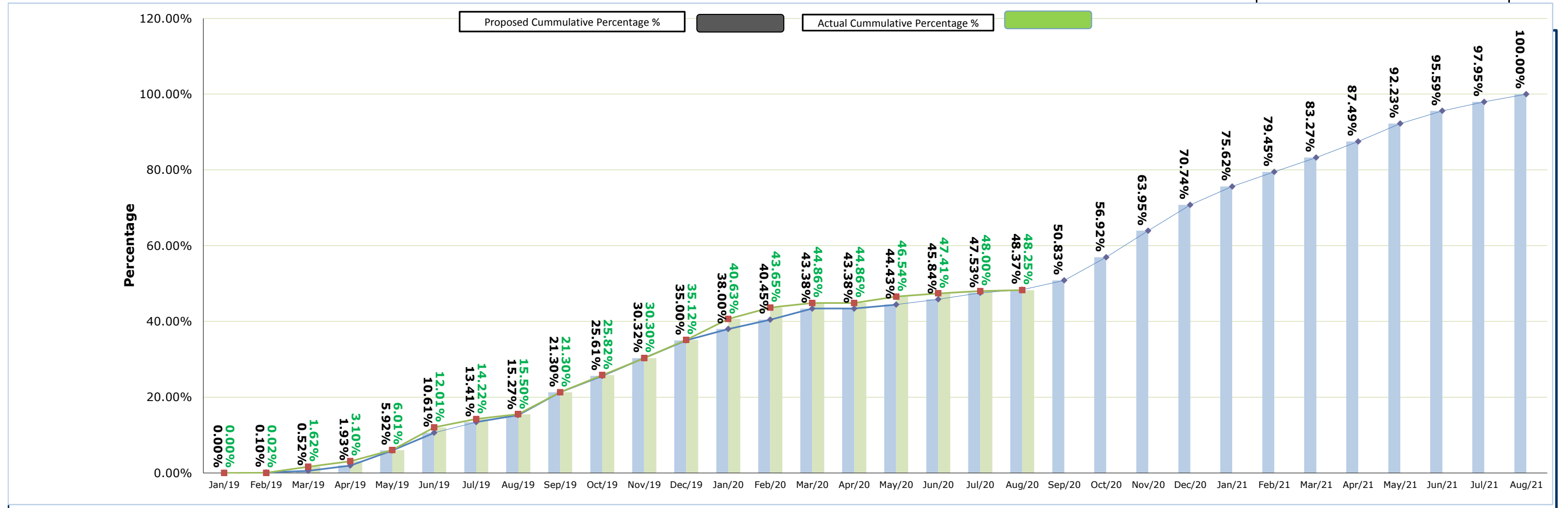
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National Highway Authority of India (NHDP Phase VI)  
IRCON International Limited

						4.) Girder-Not started yet
6	MNB	9	3	6	0	<b>Box Type</b> 1.) Foundation-4 Nos. completed 2.) Substructure-3 Nos. completed 3.) Girder-11 Nos. completed Retaining wall not yet started <b>Pile Type</b> 1.) Foundation-All completed 2.) Substructure- In progress 3.) Girder-63 Nos. completed
7	Interchange	2	0	2	0	<b>At Location 323+074</b> 1.) Foundation-8 Nos. completed 2.) Substructure-7 Nos. completed 3.) Girder-15 Nos. completed <b>At Location 353+666</b> 1.) Foundation-16 Nos. completed 2.) Substructure-8 Nos. completed 3.) Girder-16 Nos. completed
8	VOP	2	0	2	0	<b>At Location 349+441</b> 1.) Foundation-3 Nos. completed 2.) Substructure-2 Nos. completed 3.) Girder-Not started yet <b>At Location 326+957</b> 1.) Foundation-3 Nos. completed 2.) Substructure- Not started yet
9	LVUP	8	4	4	0	1.) Foundation-8 Nos. completed 2.) Substructure-5 Nos. completed RE wall and crash barrier work in progress
10	VUP	5	4	4	0	1.) Foundation-5 Nos. completed 2.) Substructure-5 Nos. completed RE wall and crash barrier work in progress
11	PUP/CUP	34	28	6	0	1.) Foundation-34 Nos. completed 2.) Substructure-31 Nos. completed RE wall and crash barrier work in progress of 14 structures.
<b>Total</b>		<b>157</b>	<b>101</b>	<b>34</b>	<b>22</b>	
1	Utility Duct		61	61	0	1) Utility duct in 75m Length Completed, Extension is in progress

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

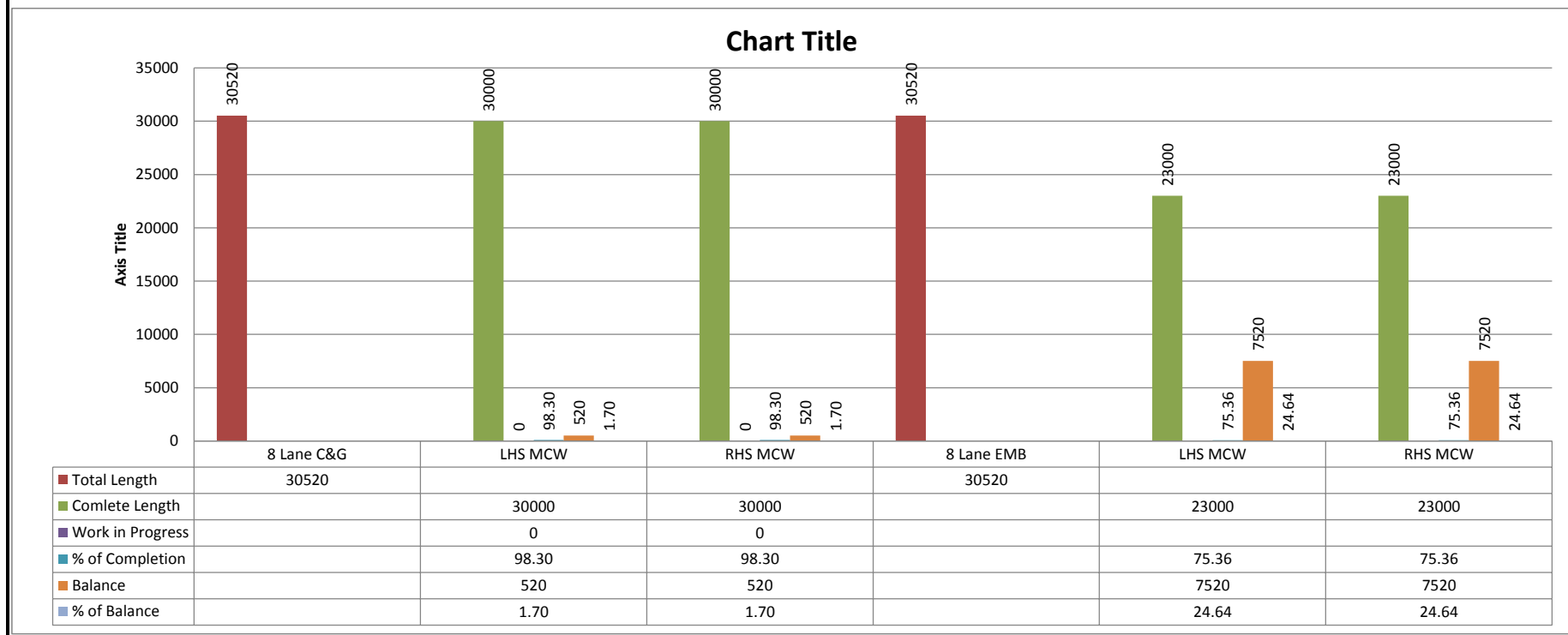
PROJECT:Construction of Eight lane Vadodara Kim Expressway from Km 323.00 to Km 355.00(Sanpa to Padra section of Vadodara Mumbai Expressway) in the State of Gujarat under NHDP Phase- VI on EPC mode

S- Curve (Physical Progress for Project Milestone)



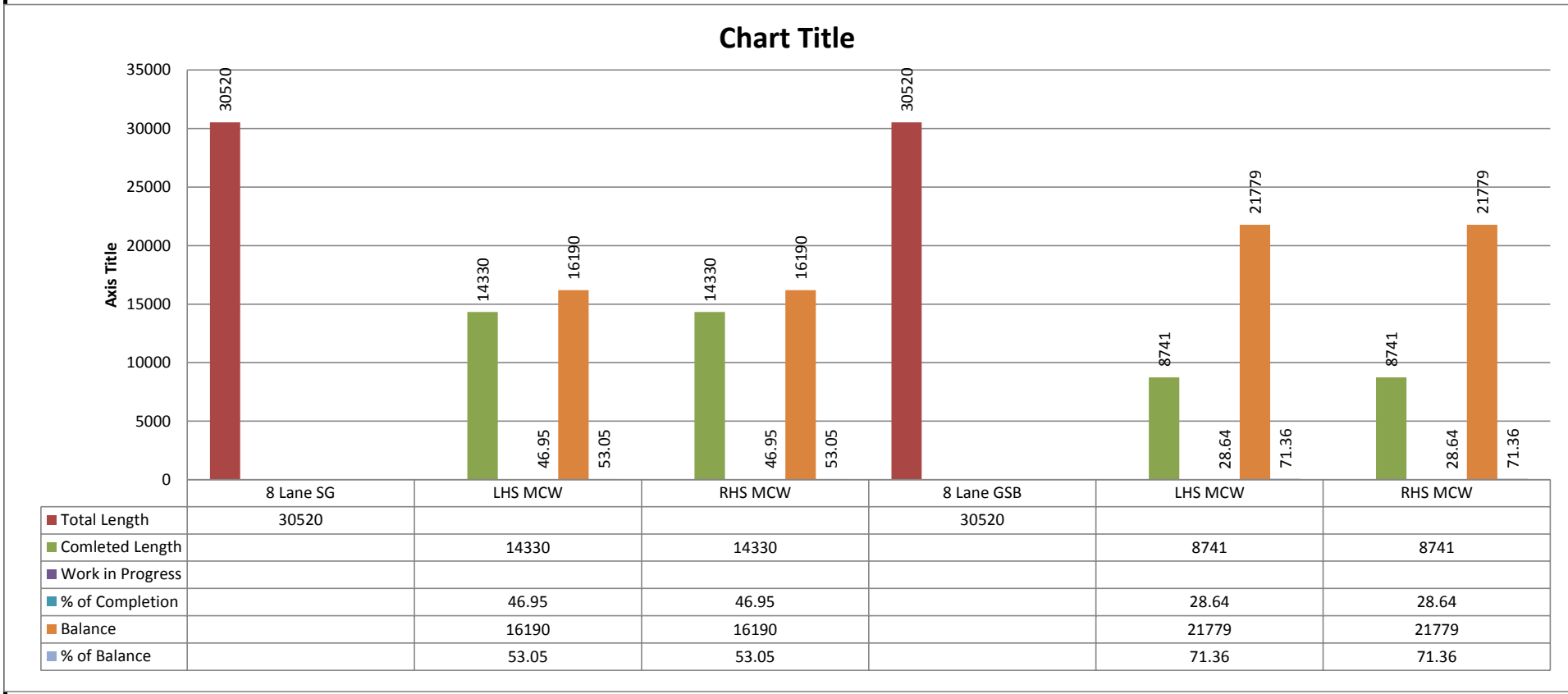
	MS-I							MS-II							MS-III							MS-IV											
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	
Proposed Cum. Percentage (%)	0.00%	0.10%	0.52%	1.93%	5.92%	10.61%	13.41%	15.27%	21.30%	25.61%	30.32%	35.00%	38.00%	40.45%	43.38%	43.38%	44.43%	45.84%	47.53%	48.37%	50.83%	56.92%	63.95%	70.74%	75.62%	79.45%	83.27%	87.49%	92.23%	95.59%	97.95%	100.00%	
Actual Cum. Percentage (%)	0.00%	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%	47.41%	48.00%	48.25%													

Highway Bar Chart							31.08.2020
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	0	98.30	520	1.70
3	RHS MCW		30000	0	98.30	520	1.70
4	8 Lane EMB	30520					
5	LHS MCW		23000		75.36	7520	24.64
6	RHS MCW		23000		75.36	7520	24.64

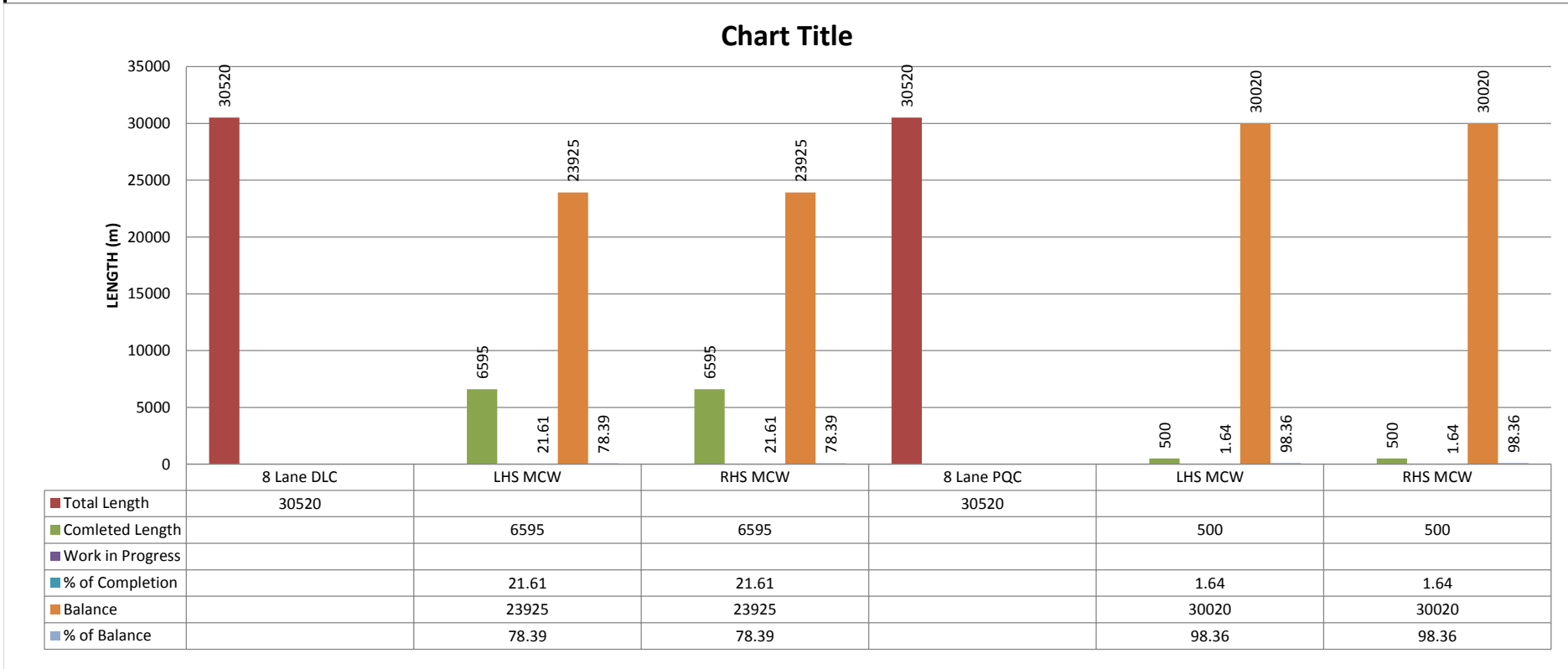




Highway Bar Chart							31.08.2020
S.No.	Type of Work	Total Length	Completed Length	Work in Progress	% of Completion	Balance	% of Balance
1	8 Lane SG	30520					
2	LHS MCW		14330		46.95	16190	53.05
3	RHS MCW		14330		46.95	16190	53.05
4	8 Lane GSB	30520					
5	LHS MCW		8741		28.64	21779	71.36
6	RHS MCW		8741		28.64	21779	71.36



Highway Bar Chart							31.08.2020
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		6595		21.61	23925	78.39
3	RHS MCW		6595		21.61	23925	78.39
4	8 Lane PQC	30520					
5	LHS MCW		500		1.64	30020	98.36
6	RHS MCW		500		1.64	30020	98.36



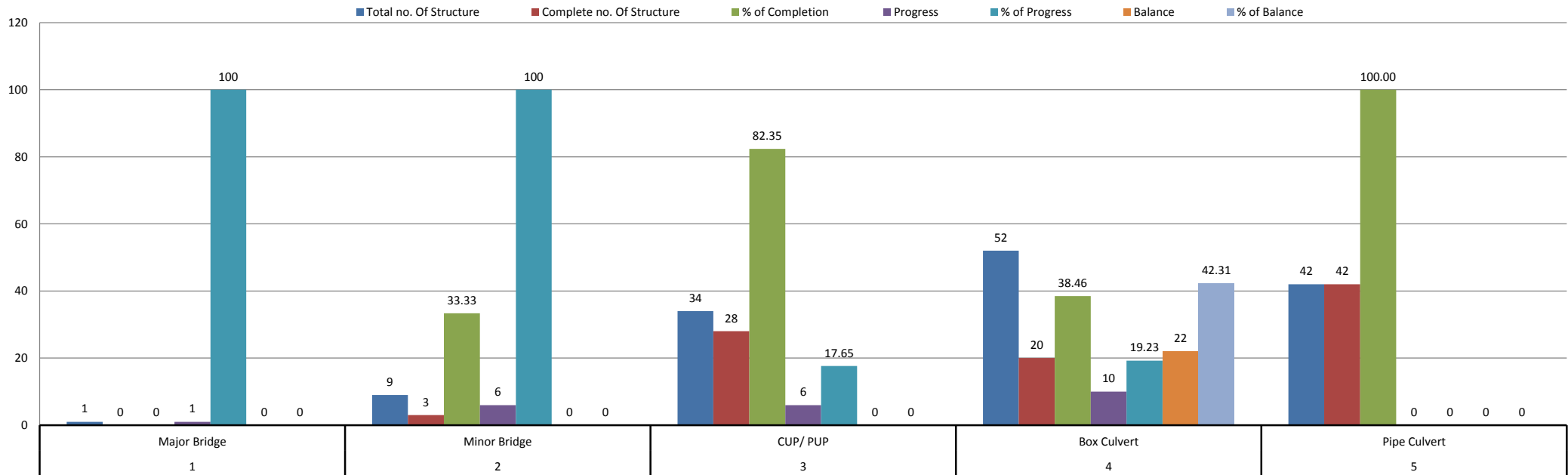
## STRUCTURE BAR CHART

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

Status as on 31.08.2020

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	3	33.33	6	100	0	0
3	CUP/ PUP	34	28	82.35	6	17.65	0	0
4	Box Culvert	52	20	38.46	10	19.23	22	42.31
5	Pipe Culvert	42	42	100.00	0	0	0	0

Chart Title

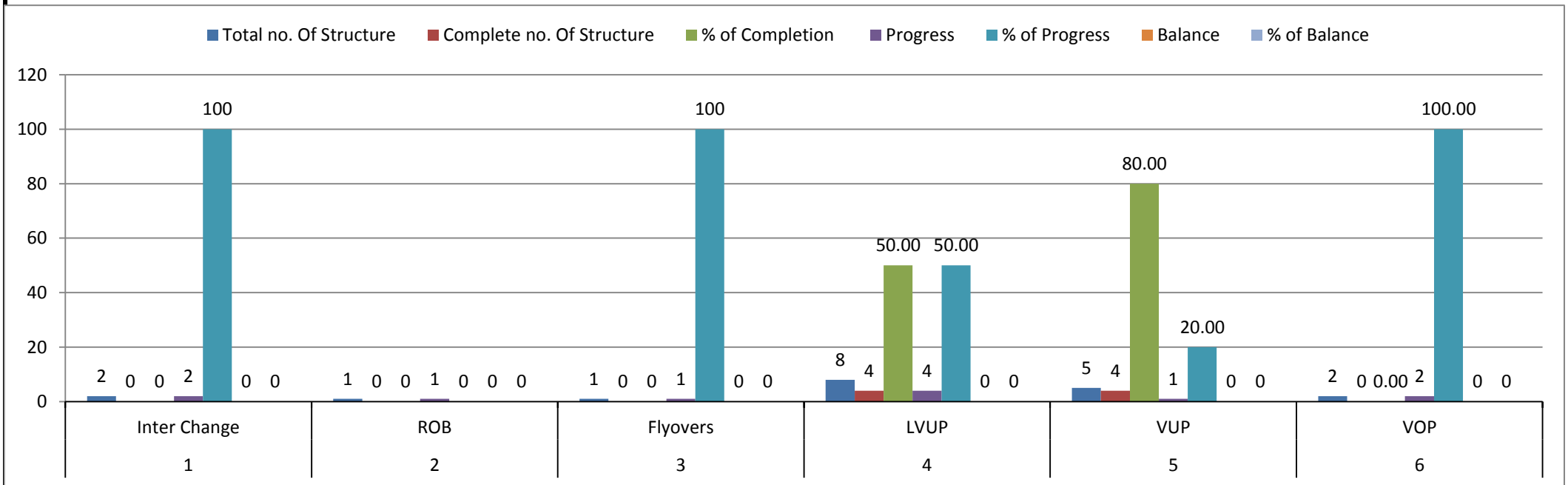


# STRUCTURE BAR CHART

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

Status as on 31.08.2020

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	1	0	0	0
3	Flyovers	1	0	0	1	100	0	0
4	LVUP	8	4	50.00	4	50.00	0	0
5	VUP	5	4	80.00	1	20.00	0	0
6	VOP	2	0	0.00	2	100.00	0	0





## V. Status of Land Acquisition

- Total land for which compensation was paid by NHAI/CALA as on 31.08.2020 is **97 %** i.e. **31.025 Km.** out of total 32km.
- Length of various utilities / Land / Other hindrances falling in the Total length of 32 km is **3.375 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.	120	Annexure 4B
Total Hindered Area due to Disputed Land	750	Annexure 4C
Permanent Structures	195	Annexure 4D
<b>Grand Total</b>	<b>3375</b>	

- Net unencumbered/Unhindered length of road as on 31.08.2020 is =  $32.000 - 3.375 = 28.625$  km. i.e. 89.45%.
- Action taken by M/s. PIL: We are consistently corresponding with Concessionaire and related Authorities for shifting of utilities and Land acquisition Issues.

## VI. UTILITY SHIFTING

<b>Status of Utilities in Package II of Vadodara Kim Expressway</b>		
<b>Date</b>	<b>31.08.2020</b>	
<b>Utilities</b>	<b>Nos.</b>	<b>Status</b>
MGVCL	-	Out of total 44 Estimates, 39 Estimates approved by RO office on 22.11.2019 while balance 5 Estimates approved by RO office on 17.12.2019. 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. We have deputed 4 no. of contractors for electric line shifting work sub division wise, material inspection has been done.
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 to Jambuva division on 12.03.2020 and Bharuch division on 13.03.2020. Vendor approval processed on 21.07.2020. Registration of vendor awaited from GETCO.
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 estimated value and Agreement between NHAI & PGCIL is awaited. IE recommended to PIU, Bharuch the re-estimate under option-2 vide letter no. 2191 dated-27.08.2020.
TORRENT	1	Final revised estimates along with all compliances to the observations on previous estimates was submitted by Torrent to PIU, Bharuch on 29.11.2019 which was forwarded to IE by PIU, Bharuch vide email on 19.12.2019. IE recommended the estimates on 20.12.2019, 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. PIU, Bharuch intimated to TPGL vide on 16.06.2020 clarification for GST observation raise by RO Gandhinagar. IE recommended to PIU, Bharuch the re estimate under option-2 vide letter no.2190 dated-27.08.2020.
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. GM(P) ONGC sent demand note to NHAI after examination of proposed well arrangement by NHAI on 23.07.2020
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 for Location of Interchange and PIU Bharuch deposits supervision charge on 25.01.2020. Agreement done between NHAI & GAIL and GAIL given the permission for constructing of bridge under expressway over GAIL's pipeline ROU at MNB (Ch.343+566) date-23.07.2020, Compound wall Saraswani permission still awaited at Ch.343+700.
GSPL	2	Agreement signed between NHAI & GSPL. NOC received from GSPL.

**VII. STATUS OF DESIGN & DRAWING**

**Design Status of Sanpa- Padra Project (As on 31.08.2020)**

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	Comments from IE/IRCON on	Present Status
1	Interchange	2	2	2	0	323+075	PIL/HO/VKE2/IRCON/015/2020 Dt. 06.01.2020	IRCON/3019/VKE/PATEL/1242 dt. 06.01.2020	Approved vide letter no. 1242
						323+075	PIL/HO/VKP2/IRCON/428/2020, dt 07.08.2020	-	Plan & Profile for Interchange, cross Road , Ramp -2 & Ramp 3 compliance submitted for review.
						323+075	PIL/HO/VKP2/IRCON/068/2020, dt 31.01.2020	IRCON/ 3019/ VKE/ PATEL / 1916, dt. 17.08.2020	Approved vide letter no. 1916 the compliance regarding PSC girder, RCC girder, GAD & Design
						353+666	PIL/HO/VKP2/IRCON/377/2020 dt.08.07.2020	IRCON/3019/VKE/PATEL/1775 dt. 01.07.2020	GFC has been submitted via ltr - 175 Dt. 20.03.2020 With Hard Copy
2	Major Bridge	1	1	1	0	336+830	PIL/HO/VKP2/IRCON/201/2020 dt.04.04.2020	IRCON/3019/VKE/PATEL/1565 dt. 24.04.2020	Approved vide letter no. 1565
3	VOP	2	2	1	1	326+957	PIL/HO/VKP2/IRCON/031/2020 Dt. 17.01.2020 PIL/HO/VKP2/IRCON/604/2019 Dt. 28.08.2019	IRCON/3019/VKE/PATEL/1124 dt. 30.12.2020	Under review With IE

Construction of Eight lane Vadodara Kim Expressway from Km 323.00 to Km 355.00  
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IRCON International Limited

						349+441	PIL/HO/VKP2/IRCON/342/2020 dt. 23.06.2020	IRCON/3019/VKE/PATEL/1 863 dt. 30.07.2020	Approved vide letter no. 1616
4	Minor Bridge	9	9	5	4	324+193	PIL/HO/VKP2/IRCON/ 765/2019 Dt. 17.12.2019	IRCON/3019/VKE/PATEL/1 400 dt. 29.02.2020	Approved by IRCON letter no. 1400
						329+062	PIL/HO/VKP2/IRCON/204/2019 dt. 09.04.2020	-	Approved by IE (A2 size Hard Copy submitted)
						330+640	PIL/HO/VKE2/IRCON/249/2020 Dt. 12.05.2020 PIL/HO/VKE2/IRCON/316/2020 Dt. 12.06.2020	-	Under review With IE
						337+874	PIL/HO/VKP2/IRCON/205/2019 dt. 09.04.2020	-	Approved by IE (A2 size Hard Copy submitted)
						343+500	PIL/HO/VKE2/IRCON/ 302/2020 Dt. 02.06.2020	IRCON/3019/VKE/PATEL/9 92 dt. 26.11.2019, IRCON/3019/VKE/PATEL/1 125 dt. 30.12.2019	Under review With IE
						346+743	R1 -PIL/HO/VKE2/IRCON/563/2019 Dt. 07.08.2019	IRCON/3019/VKE/PATEL/1 039 dt. 09.12.2019 (For GT)	Approved by IE (IRCON ltr. 882 dt. 09.10.2019)(A2 size Hard Copy submitted)
						350+143	PIL/HO/VKE2/IRCON/326/2020 Dt. 19.06.2020	IRCON/3019/VKE/PATEL/1 817 dt. 16.07.2020	Approved by IRCON letter no. 1817 dt. 16.07.2020
						350+201	PIL/HO/VKE2/IRCON/180/2020 Dt. 20.03.2020	-	Under review With IE
						354+636	PIL/HO/VKP2/IE/787/2019 Dt. 24.12.2019 (GFC)	IRCON/3019/VKE/PATEL/1 751 dt. 30.06.2020	Approved via ltr. No. 1751 (*With bearing comments)
						5	Flyover	1	1



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

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	-	Under review With IE, Approved from IIT (BHU) and WR
						ROB Abutment (A1) at Ch. 352+946.198	PIL/HO/VKP2/IRCON/426/2020, dt 06.08.2020	-	Submission of Detailed design & drawig of ROB Abutment RA 1 duly approved by Railway Department
7	VUP	5	5	5	0	330+402	PIL/HO/VKE2/IRCON/533/2019 Dt. 20.07.2019	IRCON/3019/VKE/PATEL/853 dt. 27.09.2019 for bar No. 16	Approved by IRCON letter no. 853 dt. 27.09.2019
						331+822	PIL/HO/VKE2/IRCON/501/2019 Dt. 02.07.2019	IRCON letter no. 497 dt. 11.06.2019	Approved by IE (IRCON ltr. 831 dt. 18.09.2019)
						335+402	Submitted to IE-Ho By SES by mail of dt. 28.05.2019	-	Approved by IE (IRCON ltr. 657 dt. 19.07.2019)
						341+826	PIL/HO/VKE2/IRCON/501/2019 Dt. 02.07.2019	IRCON letter no. 497 dt. 11.06.2019	Approved by IE (IRCON ltr. 831 dt. 18.09.2019)
						351+284	PIL/HO/VKE2/IRCON/501/2019 Dt. 02.07.2019	IRCON letter no. 497 dt. 11.06.2019	Approved by IE (IRCON ltr. 831 dt. 18.09.2019)
8	LVUP	8	8	7	1	-	2 nos. submitted vide ltr no. 727 dt. 30.11.2019 (354+832, 343+856) 5 nos. submitted vide ltr no. 725 dt. 29.11.2019 (325+769, 337+022, 341+600, 348+468, 351+810)	2 nos. Approved by IRCON Letter no. 758 dt. 23.08.2019 (343+877 & 354+855), IRCON ltr. No. 1744 dt. 29.06.2020 (325+769, 337+022, 341+600, 348+468, 351+810) IRCON ltr. No. 1750 dt. 30.06.2020 (354+832, 343+856)	2 nos. Approved by IRCON Letter no. 758 and 1744 dt. 23.08.2019 and 30.06.2020 (LVUP - A2 size Hard Copy submitted for stamping), 5 nos approved vide ltr. No. 1744 dt. 29.06.2020,

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

9	PUP/CUP	34	34	30	4	-	26 nos. submitted by letter no. 381 dated 28.05.2019, 4 nos. submitted by Mail on date 29.05.2019, 3 nos. by mail dt 26.05.2019, 1 nos. by mail dt. 28.05.2019	26 Nos. (IE letter no. 471 dt. 01.06.2019, IRCON letter no. 492 dt. 11.06.2019), 4 Nos. (IE letter no. 470 dt. 01.06.2019, IRCON letter no. 491 dt. 11.06.2019)	30 nos. Approved By IE (A2 size drawing stamped), 4 nos. pending
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 mai 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	20 nos. approved in M.O.M - 14.05.2019 to 17.05.2019, other 28 are pending with IE
11	Pipe Culvert	42	42	42	0	-	42 Nos. Submitted by PIL/HO/VKE2/IRCON/362/2019 Dt. 24.05.2019	42 nos. IRCON/3019/VKE/PATEL/476 dt. 06.06.2019	Approved in MOM (A2 size drawing submitted to IE for stamping)

## VIII. Weather report for the month of August 2020

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

S. No.	DATE	TEMPERATURE (°C)		HUMIDITY (%)		RAINFALL (mm)	CUMMULATIVE RAINFALL (mm)	WEATHER
		Min.	Max.	Min.	Max.			
1	1-Aug-20	28.5	34.0	72.00	99.00		451.20	Cloudy
2	2-Aug-20	30.1	35.9	59.00	90.00		451.20	Cloudy
3	3-Aug-20	29.6	36.0	58.00	89.00		451.20	Cloudy
4	4-Aug-20	29.8	36.1	54.00	95.00	15.00	466.20	Cloudy
5	5-Aug-20	28.2	35.9	52.00	94.00	22.00	488.20	Cloudy
6	6-Aug-20	28.2	36.1	54.00	97.00	13.00	501.20	Cloudy
7	7-Aug-20	28.1	36.0	54.00	99.00	15.00	516.20	Cloudy
8	8-Aug-20	27.5	35.8	52.00	98.00	13.00	529.20	Cloudy
9	9-Aug-20	27.4	36.1	54.00	99.00	36.00	565.20	Cloudy
10	10-Aug-20	27.5	35.9	56.00	99.00	22.00	587.20	Cloudy
11	11-Aug-20	27.0	33.2	59.00	98.00	15.00	602.20	Cloudy
12	12-Aug-20	27.2	32.4	52.00	99.00	62.00	664.20	Rainy
13	13-Aug-20	26.4	30.8	54.00	99.00	85.00	749.20	Rainy
14	14-Aug-20	26.5	30.6	52.00	99.00	73.00	822.20	Rainy
15	15-Aug-20	26.0	29.4	62.00	99.00	69.00	891.20	Rainy
16	16-Aug-20	26.5	30.6	58.00	98.00	22.00	913.20	Rainy
17	17-Aug-20	26.6	31.8	54.00	99.00	25.00	938.20	Rainy
18	18-Aug-20	27.1	33.2	57.00	98.00	3.00	941.20	Cloudy
19	19-Aug-20	27.0	32.6	54.00	99.00	18.00	959.20	Cloudy
20	20-Aug-20	27.2	32.8	68.00	99.00	22.00	981.20	Cloudy
21	21-Aug-20	27.5	33.2	68.00	99.00	5.00	986.20	Cloudy
22	22-Aug-20	26.8	33.0	67.00	99.00	35.00	1,021.20	Cloudy
23	23-Aug-20	26.4	32.8	68.00	99.00	12.00	1,033.20	Cloudy
24	24-Aug-20	26.6	33.0	62.00	97.00		1,033.20	Cloudy
25	25-Aug-20	26.8	33.2	68.00	99.00	3.00	1,036.20	Cloudy
26	26-Aug-20	26.8	32.8	62.00	96.00		1,036.20	Cloudy
27	27-Aug-20	26.4	32.4	67.00	98.00		1,036.20	Cloudy
28	28-Aug-20	26.8	33.6	67.00	99.00	2.00	1,038.20	Cloudy
29	29-Aug-20	26.2	32.2	65.00	99.00	12.00	1,050.20	Rainy
30	30-Aug-20	26.2	31.8	67.00	99.00	52.00	1,102.20	Rainy
31	31-Aug-20	26.7	31.4	61.00	91.00	2.00	1,104.20	Cloudy
<b><u>Cummulative Rainfall Till Date</u></b>							<b>1,104.20 mm</b>	

**IX. Status of RFI**

**MONTH :- August - 2020.**

<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	19	10	9	
<b><u>Structure</u></b>				
2	129	87	42	
<b><u>Laboratory (QA/QC)</u></b>				
3	10	10	0	
<b><u>Survey</u></b>				
4	4	4	0	

**RFI SUMMARY PACKAGE – II FROM DATE 01.08.2020 TO 31.08.2020**

S. No.	RFI No.	Date of Inspection	Department	Item Description	Chainage		Side	Checked By Concessionaire/IE	Whether Approved/Not Approved	Remarks
					From	To				
1	14396	01/08/2020 11:00	STR MNB	Checking of Reinforcement for RCC Girder G-6 MNB	350+201		NA	Concessionaire	AP	RFI COPY ATTACHED
2	14397	01/08/2020 12:15	Survey BHS	Checking of Traverse GPS-9 PL to PL 343/2	328+325	343+500	NA	Concessionaire	NA	RFI COPY ATTACHED
3	14398	02/08/2020 16:00	HW RHS	Checking of PQC Laying Phase-1 (Outer Side)	339+775	340+310	RHS	Concessionaire	AP	RFI COPY ATTACHED
4	14399	02/08/2020 8:30	STR ROB LHS	Checking of Layout & Bore for Working Pile No. 1 P1 ROB	352+946		LHS	Concessionaire	AP	RFI COPY ATTACHED
5	14400	02/08/2020 10:00	STR ROB LHS	Checking of Reinforcement Bore Depth for Working Pile No. 1 P1 ROB	352+946		LHS	Concessionaire	AP	RFI COPY ATTACHED
6	14401	02/08/2020 10:00	STR ROB LHS	Checking of Pouring Concrete for Working Pile No. 1 P1 ROB	352946		LHS	Concessionaire	AP	RFI COPY ATTACHED
7	14402	02/08/2020 14:30	STR ROB LHS	Checking of Layout & Bore for Working Pile No. 3 P1 ROB	352+946		LHS	Concessionaire	AP	RFI COPY ATTACHED
8	14403	02/08/2020 17:00	STR ROB LHS	Checking of Reinforcement Bore Depth for Working Pile No.3 P1 ROB	352+946		LHS	Concessionaire	NA	RFI COPY ATTACHED
9	14404	02/08/2020 17:00	STR ROB LHS	Checking of Pouring Concrete for Working Pile No.3 P1 ROB	352+946		LHS	Concessionaire	NA	RFI COPY ATTACHED
10	14405	02/08/2020 10:30	STR MNB	Checking of Shuttering & Pouring of Concrete for PSC girder-06 of SG- 03 MNB.	330+640		NA	Concessionaire	AP	RFI COPY ATTACHED
11	14406	02/08/2020 11:00	STR RT Wall RHS	Checking of Reinforcement Wall 6th Lift for Retaining wall	353+360	353+380	RHS	Concessionaire	AP	RFI COPY ATTACHED
12	14407	02/08/2020 11:00	STR RT Wall RHS	Checking of Shuttering & Pouring of Concrete for Wall 6th Lift for Retaining wall	353+360	353+380	RHS	Concessionaire	AP	RFI COPY ATTACHED
13	14408	02/08/2020 14:00	STR RT Wall RHS	Checking of Reinforcement Wall 6th Lift for Retaining wall	353+320	353+340	RHS	Concessionaire	AP	RFI COPY ATTACHED
14	14409	02/08/2020 14:00	STR RT Wall RHS	Checking of Shuttering & Pouring of Concrete for Wall 6th Lift for Retaining wall	353+320	353+340	RHS	Concessionaire	AP	RFI COPY ATTACHED
15	14410	02/08/2020 15:00	STR MNB	Checking of Reinforcement, Shuttering for RCC Inner Girder No.33	354+636		NA	Concessionaire	AP	RFI COPY ATTACHED
16	14411	02/08/2020 15:00	STR MNB	Allow pouring of concrete for RCC Inner Girder No.33	354+636		NA	Concessionaire	AP	RFI COPY ATTACHED
17	14412	02/08/2020 17:00	HW LHS	Checking of PQC Laying Phase-1 (Outer Side)	340+040	340320	LHS	Concessionaire	AP	RFI COPY ATTACHED
18	14413	03/08/2020 17:00	HW LHS	Checking of PQC Laying Phase-1 (Outer Side)	339+770	340000	LHS	IE	NA	RFI COPY ATTACHED
19	14414	04/08/2020 15:00	STR MNB RHS	Checking of Shuttering & Pouring of Concrete for RCC Girder G-6 MNB	350+201		RHS	IE	AP	RFI COPY ATTACHED
20	14415	04/08/2020 16:00	HW LHS	Checking of PQC Laying Phase-1 (Outer Side)	339+770	340+042	LHS	IE	NA	RFI COPY ATTACHED
21	14416	05/08/2020 17:00	HW LHS	Checking for DLC laying	329+790	330+020	LHS	IE	NA	RFI COPY ATTACHED
22	14417	05/08/2020 8:30	STR RT Wall RHS	Checking of Reinforcement Wall 3rd Lift for Retaining wall	353+285	353+305	RHS	IE	NA	RFI COPY ATTACHED
23	14418	05/08/2020 8:30	STR RT Wall RHS	Checking of Shuttering & Pouring of Concrete for Wall 3rd Lift for Retaining wall	353+285	353+305	RHS	Concessionaire	AP	RFI COPY ATTACHED
24	14419	05/08/2020 11:00	STR MNB	Checking of Reinforcement for RCC Girder G-7 MNB	350+201		NA	Concessionaire	AP	RFI COPY ATTACHED
25	14420	05/08/2020 11:30	STR ROB LHS	Checking of Layout & Bore for Working Pile No. 2 P1 ROB	352+946		LHS	IE	AP	RFI COPY ATTACHED
26	14421	05/08/2020 11:30	STR ROB LHS	Checking of Reinforcement Bore Depth for Working Pile No. 2 P1 ROB	352+946		LHS	IE	NA	RFI COPY ATTACHED
27	14422	05/08/2020 11:30	STR ROB LHS	Checking of Pouring Concrete for Working Pile No. 2 P1 ROB	352+946		LHS	Concessionaire	AP	RFI COPY ATTACHED
28	14423	06/08/2020 10:00	HW	Top Level Checking of PQC Trial Patch At Km 339			NA	IE	AP	RFI COPY ATTACHED
29	14424	06/08/2020 11:00	Survey BHS	Checking of TBM & Control Point	328+325	339+000	NA	IE	AP	RFI COPY ATTACHED
30	14425	06/08/2020 15:30	Survey BHS	Checking of TBM & Control Point	339+000	343+500	NA	Concessionaire	AP	RFI COPY ATTACHED
31	14426	06/08/2020 16:00	HW LHS	Checking for DLC laying	329+790	329+900	LHS	IE	NA	RFI COPY ATTACHED
32	14427	06/08/2020 10:15	STR INT LHS	Checking of Shuttering & Pouring of Concrete for RCC Girder No- 01 of A1-P1 Interchange	323+074		LHS	Concessionaire	AP	RFI COPY ATTACHED
33	14428	06/08/2020 11:00	STR ROB	Selection of Pile for Routine Load Test	352+946		NA	IE	AP	RFI COPY ATTACHED
34	14429	06/08/2020 16:30	HW LHS	Removal Of Damaged DLC (NCR-6)	339+900	339+990	LHS	IE	AP	RFI COPY ATTACHED
35	14430	06/08/2020 17:00	HW LHS	Relaying of DLC after removal of damaged DLC (NCR-6)	339+900	339+990	LHS	IE	AP	RFI COPY ATTACHED
36	14431	07/08/2020 16:00	HW LHS	Checking for DLC laying	329790	329+900	LHS	IE	NA	RFI COPY ATTACHED
37	14432	07/08/2020 15:00	STR ROB LHS	Checking of Reinforcement Bore Depth for Working Pile No.3 P1 ROB	352+946		LHS	Concessionaire	AP	RFI COPY ATTACHED
38	14433	07/08/2020 15:00	STR ROB LHS	Checking of Pouring Concrete for Working Pile No.3 P1 ROB	352+946		LHS	Concessionaire	AP	RFI COPY ATTACHED
39	14434	07/08/2020 14:00	STR ROB LHS	Checking of Layout & Bore for Working Pile No.6 P1 ROB	352+946		LHS	Concessionaire	NA	RFI COPY ATTACHED
40	14435	07/08/2020 17:00	STR ROB LHS	Checking of Reinforcement Bore Depth for Working Pile No.6 P1 ROB	352946		LHS	Concessionaire	NA	RFI COPY ATTACHED
41	14436	07/08/2020 17:00	STR ROB LHS	Checking of Pouring Concrete for Working Pile No.6 P1 ROB	352+946		LHS	Concessionaire	NA	RFI COPY ATTACHED
42	14437	07/08/2020 11:00	STR MNB	Checking of Reinforcement & Profile of PSC Girder 07 SG 03 MNB	330+640		NA	Concessionaire	AP	RFI COPY ATTACHED
43	14438	07/08/2020 11:30	STR ROB	Checking of treated reinforcement of cage of Pile (NCR-7)	352+946		NA	IE	AP	RFI COPY ATTACHED
44	14439	07/08/2020 15:00	STR INT LHS	Checking of Reinforcement for RCC Girder No.4 of P2-P3 for Interchange	353+666		LHS	IE	AP	RFI COPY ATTACHED

S. No.	RFI No.	Date of Inspection	Department	Item Description	Chainage		Side	Checked By Concessionaire/IE	Whether Approved/Not Approved	Remarks
					From	To				
45	14440	07/08/2020 15:00	STR INT LHS	Checking of Shuttering & pouring of concrete for RCC Girder No.4 of P2-P3 for Interchange	353+666		LHS	Concessionaire	AP	RFI COPY ATTACHED
46	14441	07/08/2020 12:00	STR MNB	Checking of Reinforcement, Shuttering for RCC Inner Girder No.34	354+636		NA	IE	AP	RFI COPY ATTACHED
47	14442	07/08/2020 12:00	STR MNB	Allow pouring of concrete for RCC Inner Girder No.34	354+636		NA	Concessionaire	NA	RFI COPY ATTACHED
48	14443	08/08/2020 16:00	HW LHS	Checking of PQC Laying Phase-1 (Outer Side)	339770	340+040	LHS	IE	NA	RFI COPY ATTACHED
49	14444	08/08/2020 10:00	STR MNB RHS	Checking of Shuttering & Pouring of Concrete for RCC Girder G-7 MNB	350+201		RHS	IE	AP	RFI COPY ATTACHED
50	14445	08/08/2020 10:00	STR RT Wall RHS	Checking of Reinforcement Wall 4th Lift for Retaining wall	353+185	353205	RHS	Concessionaire	AP	RFI COPY ATTACHED
51	14446	08/08/2020 10:00	STR RT Wall RHS	Checking of Shuttering & Pouring of Concrete for Wall 4th Lift for Retaining wall	353+185	353205	RHS	Concessionaire	NA	RFI COPY ATTACHED
52	14447	08/08/2020 12:00	STR RT Wall RHS	Checking of Reinforcement Wall 3rd Lift for Retaining wall	353440	353+450	RHS	Concessionaire	AP	RFI COPY ATTACHED
53	14448	08/08/2020 12:00	STR RT Wall RHS	Checking of Shuttering & Pouring of Concrete for Wall 3rd Lift for Retaining wall	353+440	353450	RHS	Concessionaire	NA	RFI COPY ATTACHED
54	14449	08/08/2020 10:30	STR RT Wall RHS	Checking of Reinforcement Wall 4th Lift for Retaining wall	353+165	353+185	RHS	Concessionaire	AP	RFI COPY ATTACHED
55	14450	08/08/2020 10:30	STR RT Wall RHS	Checking of Shuttering & Pouring of Concrete for Wall 4th Lift for Retaining wall	353+165	353+185	RHS	Concessionaire	AP	RFI COPY ATTACHED
56	14451	09/08/2020 11:00	STR MNB	Checking of Reinforcement for RCC Girder G-8 MNB	350+201		NA	Concessionaire	AP	RFI COPY ATTACHED
57	14452	10/08/2020 16:00	HW RHS	Checking of PQC Laying Phase-1 (Median Side)	339+775	340+080	RHS	IE	NA	RFI COPY ATTACHED
58	14453	10/08/2020 14:00	STR ROB LHS	Checking of Layout & Bore for Working Pile No.6 P1 ROB	352+946		LHS	IE	AP	RFI COPY ATTACHED
59	14454	10/08/2020 17:00	STR ROB LHS	Checking of Reinforcement Bore Depth for Working Pile No.6 P1 ROB	352+946		LHS	Concessionaire	NA	RFI COPY ATTACHED
60	14455	10/08/2020 17:00	STR ROB LHS	Checking of Pouring Concrete for Working Pile No.6 P1 ROB	352+946		LHS	Concessionaire	NA	RFI COPY ATTACHED
61	14456	10/08/2020 11:00	LAB	Sampling of H.T Strands Wire For Third Party Testing MNBR Source - DP Wire	330+640		NA	IE	AP	RFI COPY ATTACHED
62	14457	11/08/2020 10:00	STR MNB	Checking of Shuttering & Pouring of Concrete for RCC Girder G-8 MNB	350+201		NA	IE	NA	RFI COPY ATTACHED
63	14458	11/08/2020 15:00	STR INT LHS	Checking of Reinforcement for RCC Girder No.5 of P2-P3 for Interchange	353+666		LHS	Concessionaire	AP	RFI COPY ATTACHED
64	14459	11/08/2020 15:00	STR INT LHS	Checking of Shuttering & pouring of concrete for RCC Girder No.5 of P2-P3 for Interchange	353+666		LHS	Concessionaire	AP	RFI COPY ATTACHED
65	14460	11/08/2020 11:00	STR VOP	Checking of PSC Girder Profile For OG Girder No.1 VOP	349+441		NA	Concessionaire	NA	RFI COPY ATTACHED
66	14461	11/08/2020 12:00	STR VOP	Checking of Reinforcement For OG Girder No.1 VOP	349+441		NA	IE	NA	RFI COPY ATTACHED
67	14462	11/08/2020 13:00	STR VOP	Checking of Shuttering & pouring of concrete For OG Girder No.1 VOP	349+441		NA	Concessionaire	NA	RFI COPY ATTACHED
68	14463	11/08/2020 15:00	STR VOP	Checking of Reinforcement Abutment Cap A1 VOP	349+441		NA	Concessionaire	NA	RFI COPY ATTACHED
69	14464	11/08/2020 15:00	STR VOP	Checking of Shuttering & pouring of concrete Abutment Cap A1 VOP	349+441		NA	Concessionaire	NA	RFI COPY ATTACHED
70	14465	13/08/2020 11:00	LAB LHS	Surface Regularity Test of PQC Trial Stretch (Phase-2 Median Side)	339+070	339+220	LHS	Concessionaire	AP	RFI COPY ATTACHED
71	14466	13/08/2020 11:30	LAB LHS	Texture Depth Test of PQC Trial Stretch (Phase-2 Median Side)	339+070	339+220	LHS	Concessionaire	AP	RFI COPY ATTACHED
72	14467	13/08/2020 12:00	Survey LHS	Top Level Checking of PQC Trial Stretch (Phase-2 Median Side)	339+070	339+220	LHS	Concessionaire	AP	RFI COPY ATTACHED
73	14468	13/08/2020 10:00	STR MNB	Checking of Shuttering & Pouring of Concrete for RCC Girder G-8 MNB	350+201		NA	Concessionaire	NA	RFI COPY ATTACHED
74	14469	13/08/2020 10:00	STR MNB	Checking of Shuttering & Pouring of Concrete for PSC girder-07 of SG-03 MNB.	330+640		NA	Concessionaire	NA	RFI COPY ATTACHED
75	14470	13/08/2020 11:00	STR VOP	Checking of Reinforcement For PSC Girder OG No.1 VOP	349+441		NA	Concessionaire	NA	RFI COPY ATTACHED
76	14471	13/08/2020 12:00	STR VOP	Checking of Shuttering & pouring of concrete For PSC Girder OG No.1 VOP	349+441		NA	Concessionaire	NA	RFI COPY ATTACHED
77	14472	13/08/2020 10:00	STR ROB LHS	Checking of Layout for Working Pile No.6 P1 ROB	352946		LHS	Concessionaire	NA	RFI COPY ATTACHED
78	14473	13/08/2020 10:30	STR ROB LHS	Checking of Reinforcement Bore Depth for Working Pile No.6 P1 ROB	352946		LHS	Concessionaire	NA	RFI COPY ATTACHED
79	14474	13/08/2020 10:30	STR ROB LHS	Checking of Pouring Concrete for Working Pile No.6 P1 ROB	352946		LHS	Concessionaire	NA	RFI COPY ATTACHED
80	14475	13/08/2020 10:00	STR ROB LHS	Checking of Layout for Working Pile No.7 P1 ROB	352946		LHS	Concessionaire	NA	RFI COPY ATTACHED
81	14476	13/08/2020 17:00	STR ROB LHS	Checking of Reinforcement Bore Depth for Working Pile No.7 P1 ROB	352+946		LHS	Concessionaire	NA	RFI COPY ATTACHED
82	14477	13/08/2020 17:00	STR ROB LHS	Checking of Pouring Concrete for Working Pile No.7 P1 ROB	352+946		LHS	Concessionaire	NA	RFI COPY ATTACHED
83	14478	14/08/2020 17:00	STR MNB	Checking of Shuttering & Pouring of Concrete for RCC Girder G-8 MNB	350+201		NA	Concessionaire	NA	RFI COPY ATTACHED
84	14479	14/08/2020 09:30	LAB	Sampling of Steel For Third Party Testing Against NCR NO. 5	354+636		NA	IE	AP	RFI COPY ATTACHED
85	14480	14/08/2020 10:30	LAB	Sampling of Steel For Third Party Testing Against NCR NO. 5 (R/W & Girder Stock Yard)	353+000		NA	IE	AP	RFI COPY ATTACHED
86	14481	14/08/2020 12:00	LAB	Sampling of Steel For Third Party Testing Against NCR NO. 5	343+500		NA	IE	AP	RFI COPY ATTACHED
87	14482	14/08/2020 14:30	LAB	Sampling of Steel For Third Party Testing Against NCR NO. 5	330+630		NA	IE	AP	RFI COPY ATTACHED
88	14483	14/08/2020 15:30	LAB	Sampling of Steel For Third Party Testing Against NCR NO. 5	323+000		NA	IE	AP	RFI COPY ATTACHED
89	14484	14/08/2020 17:30	LAB	Sampling of Steel For Third Party Testing Against NCR NO. 5	Base Camp PIL		NA	IE	AP	RFI COPY ATTACHED

S. No.	RFI No.	Date of Inspection	Department	Item Description	Chainage		Side	Checked By Concessionaire/IE	Whether Approved/Not Approved	Remarks
					From	To				
90	14485	14/08/2020 16:00	LAB	Third party testing of H.T Strands. Source DP wires (Approved from NABL Laboratory)	Geo Test House		NA	IE	AP	RFI COPY ATTACHED
91	14486	18/08/2020 08:30	STR ROB LHS	Checking of Layout for Working Pile No.6 P1 ROB	352+946		LHS	Concessionaire	AP	RFI COPY ATTACHED
92	14487	18/08/2020 10:00	STR ROB LHS	Checking of Reinforcement Bore Depth for Working Pile No.6 P1 ROB	352+946		LHS	IE	NA	RFI COPY ATTACHED
93	14488	18/08/2020 10:00	STR ROB LHS	Checking of Pouring Concrete for Working Pile No.6 P1 ROB	352+946		LHS	Concessionaire	NA	RFI COPY ATTACHED
94	14489	18/08/2020 08:30	STR ROB LHS	Checking of Layout for Working Pile No.7 P1 ROB	352+946		LHS	Concessionaire	AP	RFI COPY ATTACHED
95	14490	18/08/2020 17:00	STR ROB LHS	Checking of Reinforcement Bore Depth for Working Pile No.7 P1 ROB	352+946		LHS	Concessionaire	AP	RFI COPY ATTACHED
96	14491	18/08/2020 17:00	STR ROB LHS	Checking of Pouring Concrete for Working Pile No.7 P1 ROB	352+946		LHS	Concessionaire	AP	RFI COPY ATTACHED
97	14492	19/08/2020 10:00	STR ROB LHS	Checking of Reinforcement Bore Depth for Working Pile No.6 P1 ROB	352+946		LHS	Concessionaire	AP	RFI COPY ATTACHED
98	14493	19/08/2020 10:00	STR ROB LHS	Checking of Pouring Concrete for Working Pile No.6 P1 ROB	352+946		LHS	Concessionaire	AP	RFI COPY ATTACHED
99	14494	19/08/2020 15:00	STR ROB LHS	Checking of Layout for Working Pile No.10 P1 ROB	352+946		LHS	IE	AP	RFI COPY ATTACHED
100	14495	19/08/2020 17:00	STR ROB LHS	Checking of Reinforcement Bore Depth for Working Pile No.10 P1 ROB	352+946		LHS	Concessionaire	NA	RFI COPY ATTACHED
101	14496	19/08/2020 17:00	STR ROB LHS	Checking of Pouring Concrete for Working Pile No.10 P1 ROB	352+946		LHS	Concessionaire	NA	RFI COPY ATTACHED
102	14497	19/08/2020 10:00	STR MNB	Checking of Shuttering & Pouring of Concrete for RCC Girder G-8 MNB	350+201		NA	IE	AP	RFI COPY ATTACHED
103	14498	20/08/2020 12:00	STR INT LHS	Checking of Reinforcement & Sleeves of RCC Girder No- 07 Interchange	323+074		LHS	Concessionaire	AP	RFI COPY ATTACHED
104	14499	20/08/2020 8:30	STR ROB LHS	Checking of Layout for Working Pile No.4 P1 ROB	352+946		LHS	Concessionaire	AP	RFI COPY ATTACHED
105	14500	20/08/2020 10:00	STR ROB LHS	Checking of Reinforcement Bore Depth for Working Pile No.4 P1 ROB	352+946		LHS	IE	AP	RFI COPY ATTACHED
106	14501	20/08/2020 10:00	STR ROB LHS	Checking of Pouring Concrete for Working Pile No.4 P1 ROB	352+946		LHS	Concessionaire	AP	RFI COPY ATTACHED
107	14502	20/08/2020 8:30	STR ROB LHS	Checking of Layout for Working Pile No.5 P1 ROB	352+946		LHS	Concessionaire	AP	RFI COPY ATTACHED
108	14503	20/08/2020 17:00	STR ROB LHS	Checking of Reinforcement Bore Depth for Working Pile No.5 P1 ROB	352+946		LHS	Concessionaire	AP	RFI COPY ATTACHED
109	14504	20/08/2020 17:00	STR ROB LHS	Checking of Pouring Concrete for Working Pile No.5 P1 ROB	352+946		LHS	Concessionaire	AP	RFI COPY ATTACHED
110	14505	21/08/2020 12:30	STR INT LHS	Checking of Reinforcement for Pier Cap of Pier No. 2 for Interchange	353+666		LHS	IE	AP	RFI COPY ATTACHED
111	14506	21/08/2020 15:00	STR INT LHS	Checking of Shuttering & Pouring of Concrete for Pier Cap of Pier No. 2 for Interchange	353+666		LHS	Concessionaire	AP	RFI COPY ATTACHED
112	14507	21/08/2020 10:00	STR MNB	Checking of Reinforcement for RCC Girder G-9 MNB	350+201		NA	Concessionaire	AP	RFI COPY ATTACHED
113	14508	21/08/2020 12:30	STR MNB	Checking of Shuttering & Pouring of Concrete for RCC Girder G-9 MNB	350+201		NA	IE	AP	RFI COPY ATTACHED
114	14509	21/08/2020 12:30	STR INT RHS	Checking of Reinforcement for Abutment Cap of Abutment No. 1 for Interchange	323+074		RHS	Concessionaire	NA	RFI COPY ATTACHED
115	14510	22/08/2020 11:00	STR MNB	Checking of Reinforcement for RCC Girder G-10 MNB	350+201		NA	Concessionaire	AP	RFI COPY ATTACHED
116	14511	22/08/2020 11:00	STR-FO	Checking of Reinforcement for RCC Inner Girder No.1 for Flyover	344+383		NA	IE	NA	RFI COPY ATTACHED
117	14512	22/08/2020 8:30	STR ROB LHS	Checking of Layout for Working Pile No.8 P1 ROB	352+946		LHS	Concessionaire	AP	RFI COPY ATTACHED
118	14513	22/08/2020 10:00	STR ROB LHS	Checking of Reinforcement Bore Depth for Working Pile No.8 P1 ROB	352+946		LHS	Concessionaire	NA	RFI COPY ATTACHED
119	14514	22/08/2020 10:00	STR ROB LHS	Checking of Pouring Concrete for Working Pile No.8 P1 ROB	352+946		LHS	Concessionaire	NA	RFI COPY ATTACHED
120	14515	22/08/2020 16:30	STR INT LHS	Checking of Reinforcement for RCC Girder No. 6 of P2-P3 for Interchange	353+666		LHS	IE	AP	RFI COPY ATTACHED
121	14516	22/08/2020 16:30	STR INT LHS	Checking of Shuttering & pouring of concrete for RCC Girder No. 6 of P2-P3 for Interchange	353+666		LHS	Concessionaire	AP	RFI COPY ATTACHED
122	14517	23/08/2020 11:00	HW RHS	Checking of Center line with Level & FDD for GSB Layer	345+160	345+360	RHS	Concessionaire	AP	RFI COPY ATTACHED
123	14518	23/08/2020 15:00	HW LHS	Checking for DLC laying	345+930	345+940	LHS	Concessionaire	AP	RFI COPY ATTACHED
124	14519	23/08/2020 15:30	HW LHS	Checking for DLC laying	346+035	346+040	LHS	Concessionaire	AP	RFI COPY ATTACHED
125	14520	23/08/2020 14:30	STR-FO	Checking of Reinforcement for RCC Inner Girder No.1 for Flyover	344+383		NA	Concessionaire	AP	RFI COPY ATTACHED
126	14521	23/08/2020 14:30	STR MNB	Checking of Shuttering & Pouring of Concrete for RCC Girder G-10 MNB	350+201		NA	Concessionaire	NA	RFI COPY ATTACHED
127	14522	23/08/2020 11:00	STR MNB	Checking of Reinforcement for RCC Girder G-11 MNB	350+201		NA	Concessionaire	AP	RFI COPY ATTACHED
128	14523	23/08/2020 14:30	STR LVUP	Checking of Reinforcement of A1,A2 Final Lift for LVUP	351+800		LHS	Concessionaire	AP	RFI COPY ATTACHED
129	14524	23/08/2020 16:30	STR LVUP	Checking of Shuttering & Pouring of Concrete of A1,A2 Final Lift For LVUP	351+800		LHS	Concessionaire	AP	RFI COPY ATTACHED
130	14525	25/08/2020 12:30	STR INT RHS	Checking of Reinforcement for Abutment Cap of Abutment No. 1 for Interchange	323+074		RHS	IE	AP	RFI COPY ATTACHED
131	14526	25/08/2020 16:30	STR INT LHS	Checking of Reinforcement for RCC Girder No. 1 of P1-P2 for Interchange	353+666		LHS	Concessionaire	AP	RFI COPY ATTACHED
132	14527	25/08/2020 16:30	STR INT LHS	Checking of Shuttering & pouring of concrete for RCC Girder No. 1 of P1-P2 for Interchange	353+666		LHS	Concessionaire	AP	RFI COPY ATTACHED
133	14528	26/08/2020 14:30	STR MNB	Checking of Shuttering & Pouring of Concrete for RCC Girder G-10 MNB	350+201			IE	AP	RFI COPY ATTACHED
134	14529	26/08/2020 12:00	STR INT LHS	Checking of Shuttering & Pouring of Concrete for RCC Girder No- 07 of A1-P1 Interchange	323+074		LHS	Concessionaire	NA	RFI COPY ATTACHED



S. No.	RFI No.	Date of Inspection	Department	Item Description	Chainage		Side	Checked By Concessionaire/IE	Whether Approved/Not Approved	Remarks
					From	To				
135	14530	27/08/2020 15:00	STR INT LHS	Checking of Reinforcement for RCC Girder No. 2 of P1-P2 for Interchange	353+666		LHS	IE	AP	RFI COPY ATTACHED
136	14531	27/08/2020 16:30	STR INT LHS	Checking of Shuttering & pouring of concrete for RCC Girder No. 2 of P1-P2 for Interchange	353+666		LHS	Concessionaire	AP	RFI COPY ATTACHED
137	14532	27/08/2020 11:00	STR VOP	Checking of Reinforcement for Abutment Cap of Abutment No. 1 for VOP	349+441			Concessionaire	AP	RFI COPY ATTACHED
138	14533	27/08/2020 13:00	STR VOP	Checking of Shuttering & Pouring of Concrete for Abutment Cap of Abutment No. 1 for VOP	349+441			Concessionaire	AP	RFI COPY ATTACHED
139	14534	28/08/2020 8:30	STR ROB LHS	Checking of Layout for Working Pile No.9 P1 ROB	352+946		LHS	Concessionaire	AP	RFI COPY ATTACHED
140	14535	28/08/2020 10:00	STR ROB LHS	Checking of Reinforcement Bore Depth for Working Pile No.9 P1 ROB	352+946		LHS	IE	AP	RFI COPY ATTACHED
141	14536	28/08/2020 10:00	STR ROB LHS	Checking of Pouring Concrete for Working Pile No.9 P1 ROB	352+946		LHS	Concessionaire	AP	RFI COPY ATTACHED
142	14537	28/08/2020 14:00	STR RT Wall RHS	Checking of Reinforcement Wall 4th Lift for Retaining wall	353+285	353+305	RHS	Concessionaire	AP	RFI COPY ATTACHED
143	14538	28/08/2020 15:00	STR RT Wall RHS	Checking of Shuttering & Pouring of Concrete for Wall 4th Lift for Retaining wall	353+285	353+305	RHS	Concessionaire	AP	RFI COPY ATTACHED
144	14539	28/08/2020 15:00	STR INT RHS	Checking of Shuttering & Pouring of Concrete for Abutment Cap of Abutment No. 1 for Interchange	323+074		RHS	IE	NA	RFI COPY ATTACHED
145	14540	29/08/2020 15:00	STR INT RHS	Checking of Shuttering & Pouring of Concrete for Abutment Cap of Abutment No. 1 for interchange	323+074		RHS	Concessionaire	AP	RFI COPY ATTACHED
146	14541	29/08/2020 16:30	STR MNB	Checking of Shuttering & Pouring of Concrete for RCC Girder G-11 MNB	350+201			Concessionaire	AP	RFI COPY ATTACHED
147	14542	29/08/2020 16:30	STR RT Wall RHS	Checking of Reinforcement Wall 5th Lift for Retaining wall	353+165	353+185	RHS	Concessionaire	AP	RFI COPY ATTACHED
148	14543	29/08/2020 16:30	STR RT Wall RHS	Checking of Shuttering & Pouring of Concrete for Wall 5th Lift for Retaining wall	353+165	353+185	RHS	Concessionaire	AP	RFI COPY ATTACHED
149	14544	29/08/2020 8:30	STR ROB LHS	Checking of Layout for Working Pile No.8 P1 ROB	352+946		LHS	Concessionaire	AP	RFI COPY ATTACHED
150	14545	29/08/2020 10:00	STR ROB LHS	Checking of Reinforcement Bore Depth for Working Pile No.8 P1 ROB	352+946		LHS	Concessionaire	AP	RFI COPY ATTACHED
151	14546	29/08/2020 10:00	STR ROB LHS	Checking of Pouring Concrete for Working Pile No.8 P1 ROB	352+946		LHS	Concessionaire	AP	RFI COPY ATTACHED
152	14547	29/08/2020 10:00	STR LVUP	Checking of Reinforcement, Shuttering & Pouring of Concrete for final lift, top haunch and slab for LVUP	351+800		LHS	IE	AP	RFI COPY ATTACHED
153	14548	29/08/2020 16:00	HW LHS	Checking of PQC Laying Phase-2 (Median Side)	339+520	339+590	LHS	IE	AP	RFI COPY ATTACHED
154	14549	29/08/2020 14:30	STR	Treatment of Cement Slurry to exposed surface of steel as pointed out in NCR-05	323+000	355+000	BHS	Concessionaire	AP	RFI COPY ATTACHED
155	14550	30/08/2020 16:00	HW LHS	Checking of PQC Laying Phase-1 (Outer Side)	339+770	340+040	LHS	Concessionaire	AP	RFI COPY ATTACHED
156	14551	30/08/2020 16:00	HW RHS	Checking of PQC Laying Phase-2 (Median Side)	339+775	340+310	RHS	Concessionaire	NA	RFI COPY ATTACHED
157	14552	30/08/2020 12:00	STR INT RHS	Checking of Reinforcement & Sleeves of RCC Girder No- 01 Interchange	323+074		RHS	Concessionaire	AP	RFI COPY ATTACHED
158	14553	30/08/2020 14:00	STR INT RHS	Checking of Reinforcement & Sleeves of RCC Girder No- 07 Interchange	323+074		RHS	Concessionaire	AP	RFI COPY ATTACHED

**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**

Concessionaire :- IRCON VADODARA-KIM EXPRESSWAY PVT LTD

EPC Contractor:- Patel Infrastructure Ltd.

Date:- 31/08/2020

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%	29.54	5.36%
	Construction of embankment from 1 mtr - 2 mtr	Km	30.52	4.60%	26.10	3.93%
	Construction of embankment from 2 mtr - 3 mtr	Km	30.52	3.68%	25.05	3.02%
	Construction of embankment from 3 mtr - Emb Top	Km	30.52	4.60%	23.00	3.47%
	Construction of Sub grade - MCW	Km	30.52	1.84%	14.33	0.87%
	Constructing Grannular Sub-base	Km	30.52	3.26%	8.741	0.93%
	Medians	Km	30.52	0.12%		0.00%
	Shoulders	Km	64	0.06%		0.00%
	200mm dia. NP4 pipes	Km	30.52	0.537%		
	DLC	Km	30.52	4.39%	6.595	0.95%
	PQC	Km	30.52	21.51%	0.7	0.49%
<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%	20	0.28%
<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%	66	1.18%
	PUP - RCC M35 - TOP Slab	Nos	34	1.24%	28	1.02%
<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%	8	0.22%
<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%

Sl. No	Task	Unit	Total Qty	Rev. Wt%	Achieved Qty	% Progress
<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%		0.00%
	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%
	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%		0.00%
	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%	6	0.03%
	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%	4	0.05%
	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%		0.00%
	Deck Slab	Nos	12	0.342%		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	80	0.726%	36	0.33%
	Pile Foundation Cap	Nos	6	0.121%		
	Abutment	Nos	12	0.238%		
	PIER	Nos	6	0.025%		
	Abutment/Pier Cap	Nos	6	0.083%		
	Girder	Nos	40	1.230%		
	Deck Slab	Nos	4	0.051%		
Finishing Works	Nos	1				
<b>13</b>	<b>Interchnage at Ch. 323+074</b>					
	Excavation for foundation & PCC	Nos	8	0.014%	8	0.01%
	Pile Foundation	Nos	80	1.813%	80	1.81%
	Pile Foundation Cap	Nos	8	0.341%	8	0.34%
	Abutment	Nos	12	0.369%	12	0.37%
	PIER	Nos	12	0.123%	12	0.12%
	Abutment/Pier Cap	Nos	8	0.189%	7	0.16%
	Girder	Nos	42	0.455%	26	0.28%
	Deck Slab	Nos	6	0.204%		
Finishing Works	Nos	1	0.000%			

Sl. No	Task	Unit	Total Qty	Rev. Wt%	Achieved Qty	% Progress
<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%	8	0.09%
	Girder	Nos	84	0.455%	38	0.21%
	Deck Slab	Nos	14	0.273%		
	Finishing Works	Nos	1	0.000%		
<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%	6	0.03%
	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	70	0.320%	70	0.32%
	Abutment	Nos	70	0.121%	62	0.11%
	Abutment/Pier Cap	Nos	8	0.114%	4	0.06%
	Girder	Nos	56	0.060%	31	0.03%
	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%		0.00%
<b>19</b>	<b>Minor Bridge at 343+566</b>					
	Pile Foundation	Nos	124	0.320%	124	0.32%
	Abutment	Nos	124	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%	4	0.02%
	Deck Slab	Nos	2	0.069%		
	Finishing Works	Nos	1	0.088%		

Sl. No	Task	Unit	Total Qty	Rev. Wt%	Achieved Qty	% Progress
<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%		
<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%	40	0.05%
	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%	6050	0.070%
<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>48.250%</b>	

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

**Scheduled Physical Progress Progressive for Project Milestone ( in Km/no.)**

Item	Stage for measurement	UOM	Qty.	Weightage in % to Contract Price	Payment Milestone	48.25%
1	2	3	4	5	6	Aug-20
1	Earth Work upto Top of Subgrade					
1.1	Clearing and grubbing of -MCW	Km	30.52	0.05%	20.30%	30.0
1.2	Carrying out Jungle Cutting/ removal of debris / dismantling of Concrete Structure	km				-
1.3	Earth work in excavation necessary	km	30.52	0.03%		30.0
1.4	Construction of embankment - MCW Height upto 1 Mtr	km	30.52	5.52%		29.5
1.5	Construction of embankment - MCW Height 1 mtr to 2 Mtr	km	30.52	4.60%		26.1
1.6	Construction of embankment - MCW Height 2 mtr to 3 Mtr	km	30.52	3.68%		25.1
1.7	Construction of embankment - MCW Height 3 mtr to Emb top Bottom	km	30.52	2.76%		23.2
1.8	Construction of embankment - MCW Embankment Top	km	30.52	1.84%		22.0
1.9	Construction of Sub grade - MCW	km	30.52	1.84%		14.3
1	Total EarthWork upto Top of Subgrade					
2	Grannular Sub Base Courses and Base Courses			0.00%		-
2.1	Constructing Grannular Sub-base	km	30.52	3.26%	3.26%	8.7
2	Grannular Sub Base Courses and Base Courses					-
3	Shoulders			0.00%		-
3.1	Earthwork in filling of median / island area	km	30.52	0.12%	0.71%	-
3.2	Construction of modified Earthen / un paved shoulders	km	30.52	0.06%		-
3.3	Providing min 200 mm dia NP4 pipes along the road in 2 Rows in shoulder	km	30.52	0.54%		-
3	Total Shoulders					-
4	Rigid Pavement			0.00%		-
4.01	Providing xxx mm thick DLC (M15) for CW	km	30.52	4.39%	4.39%	0.405
4.02	Providing xxx mm thick PQC for CW	km	30.52	21.51%	21.51%	0.7
4	Total Rigid Pavement					-
5	Pipe Culverts			0.00%		-
5.01	Culvert Excavation	No	42.00	0.01%	0.39%	42.0
5.02	Culvert PCC M15 grade	No	42.00	0.01%		42.0
5.03	Providing , laying and jointing NP4 (as per IS:458) Hume pipes for culverts. - Dia 1200 mm (Internal)	No	42.00	0.37%		42.0
5a	Total Pipe Culverts					-
5a	Box Culverts			0.00%		-
5.01a	Culvert Excavation	No	52.00	0.04%	3.67%	41.0
5.02a	Culvert PCC M15 grade	No	52.00	0.39%		41.0
5.03a	Foundation RCC M 30 - Culvert	No	52.00	0.56%		27.0
5.04a	HYSB bar in Foundation-Culvert	No	52.00	0.62%		34.0
5.05a	Substructure RCC M 30 - Culvert	No	52.00	0.65%		27.0
5.06a	HYSB bar in Substructure-Culvert	No	52.00	0.68%		30.0
5.07a	Super Structure RCC M 30 - Culvert	No	52.00	0.36%		20.0
5.08a	HYSB bar in Super Structure-Culvert	No	52.00	0.37%		22.0
5.09a	Finishing Work (10% cost of overall work)	No	52.00	0.00%		-
5b	Total Box Culverts					-
6A	Bill No: 6A Minor Bridges			0.00%		-

Item	Stage for measurement	UOM	Qty.	Weightage in % to Contract Price		Unit Rate(In Lacs)	
1	2	3	4	5	6		Aug-20
6A,01	Structure excavation Ordinary and soft Soils - MNBR	No	30.00	0.09%	3.52%		30.0
6A,02	MNBR - PCC M15 grade	No	30.00	0.15%			30.0
6A,03	MNBR - RCC M35 - Foundation	No	10.00	0.90%			10.0
6A,04	HYSD bar reinforcement - Foundation	No	10.00	1.66%			10.0
6A,05	MNBR - RCC M35 Pile Cap	No	20.00	0.17%			20.0
6A,06	MNBR - RCC M35 1.2m dia piles	No	313.00	0.55%			313.0
6A,07	MNBR - RCC M35- Substructure Abutment	No	36.00	0.54%	1.45%		26.0
6A,08	HYSD bar reinforcement - substructure Abutment	No	36.00	0.61%			29.0
6A,09	MNBR - RCC M35 - Abutment Cap	No	36.00	0.13%			16.0
6A,10	HYSD bar reinforcement - Abutment cap	No	36.00	0.17%			13.0
6A,11	RCC M35 - RCC Girder	No	2.00	0.00%	1.14%		1.5
6A,12	PSC M45 - PSC Girder	No	8.00	0.10%			6.0
6A,13	PSC M50 - PSC Girder	No	2.00	0.09%			1.0
6A,14	HYSD bar reinforcement - Super structure Girder	No	12.00	0.27%			9.0
6A,15	HT Steel for PSC Girder	No	10.00	0.24%			2.0
6A,16	RCC M35 - SLAB	No	18.00	0.20%			6.0
6A,17	HYSD bar reinforcement - SLAB	No	18.00	0.24%			8.0
6A,18	Finishing Work (10% cost of overall work)	No	18.00	0.00%			-
6A	Total Bill No: 6A Minor Bridges						-
6B	Bill No. 6B : PUP			0.00%			-
6B,01	Structure excavation Ordinary and soft Soils - PUP	No	34.00	0.09%	3.11%		34.0
6B,02	PUP - PCC M15 grade Levelling course	No	34.00	0.25%			34.0
6B,03	PUP - RCC M35 Raft	No	34.00	1.28%			34.0
6B,04	HYSD bar reinforcement - RAFT	No	34.00	1.49%			34.0
6B,05	PUP RCC M35 Wall	No	68.00	0.60%	1.23%		66.0
6B,06	HYSD bar reinforcement - Wall	No	68.00	0.62%			68.0
6B,07	PUP - RCC M35 - TOP Slab	No	34.00	0.68%	1.24%		28.0
6B,08	HYSD bar reinforcement - TOP Slab	No	34.00	0.57%			32.0
6B,09	Finishing Work (10% cost of overall work)	No	34.00	0.00%			-
6B	TOTAL Bill No. 6B : PUP						-
6C	Bill No. 6C : VUP			0.00%			-
6C,01	Structure excavation Ordinary and soft Soils - VUP	No	5.00	0.02%	0.55%		5.0
6C,02	VUP - PCC M15 grade - Levelling course	No	5.00	0.04%			5.0
6C,03	VUP - RCC M35 - Raft	No	5.00	0.23%			5.0
6C,04	HYSD bar reinforcement - Raft	No	5.00	0.26%			5.0
6C,05	VUP - RCC M35 - WALL	No	10.00	0.19%	0.37%		10.0
6C,06	HYSD bar reinforcement - WALL	No	10.00	0.20%			10.0
6C,07	RCC M35 - TOP SLAB	No	5.00	0.09%	0.16%		3.0
6C,08	HYSD bar reinforcement - TOP Slab	No	5.00	0.07%			5.0
6C,09	Finishing Work (10% cost of overall work)	No	5.00	0.00%			-
6C	TOTAL TOTAL Bill No. 6C : VUP						-
6D	Bill No. 6D : LVUP			0.00%			-
6D,01	Structure excavation Ordinary and soft Soils - LVUP	No	8.00	0.02%	0.69%		8.0
6D,02	LVUP - PCC M15 grade levelling course	No	8.00	0.05%			8.0
6D,03	LVUP - RCC M35 Raft	No	8.00	0.28%			8.0
6D,04	HYSD bar reinforcement - Raft	No	8.00	0.33%			8.0
6D,05	LVUP - RCC M35 - Wall	No	16.00	0.18%			16.0



Item	Stage for measurement	UOM	Qty.	Weightage in % to Contract Price		Unit Rate(In Lacs)	
1	2	3	4	5	6		Aug-20
6D,06	HYSD bar reinforcement - WALL	No	16.00	0.19%	0.19%		16.0
6D,07	LVUP - RCC M35 - Top Slab	No	8.00	0.10%	0.19%		4.0
6D,08	HYSD bar reinforcement - TOP Slab	No	8.00	0.09%			6.0
6D,09	Finishing Work (10% cost of overall work)	No	8.00	0.00%			-
<b>6D</b>	<b>TOTAL Bill No. 6D : LVUP</b>						-
<b>6E</b>	<b>Bill No. 6E : VOP</b>			0.00%			-
6E,01	Structure Excavation for foundation of VOP	No	6.00	0.00%	0.28%		6.0
6E,02	Foundation PCC M15 grade for levelling course	No	6.00	0.00%			6.0
6E,03	RCC M35 - Foundation	No	6.00	0.02%			6.0
6E,04	HYSD bar reinforcement - Foundation	No	6.00	0.13%			6.0
6E,05	RCC M35 Pile Cap	No	6.00	0.03%			6.0
6E,06	RCC M35 1.2m dia piles	No	35.00	0.10%			35.0
6E,07	RCC M35 - ABUTMENT/Return Wall	No	4.00	0.01%	0.05%		4.0
6E,08	HYSD bar reinforcement - ABUTMENT/Return Wall	No	4.00	0.01%			4.0
6E,09	RCC M35 - ABUTMENT CAP	No	4.00	0.01%			4.0
6E,10	HYSD bar reinforcement - ABUTMENT CAP	No	4.00	0.01%			4.0
6E,11	RCC M35 - PIER	No	2.00	0.00%			2.0
6E,12	HYSD bar reinforcement - PIER	No	2.00	0.00%			2.0
6E,13	RCC M35 - PIER CAP	No	2.00	0.01%			2.0
6E,14	HYSD bar reinforcement -PIER CAP	No	2.00	0.01%			2.0
6E,15	HYSD bar reinforcement - Super structure Girder	No	4.00	0.08%	0.21%		2.0
6E,16	HT Steel for PSC - Girder	No	4.00	0.07%			-
6E,17	PSC M50 - Box Girder/PSC Girder	No	4.00	0.06%			-
6E,18	Finishing Work (10% cost of overall work)	No	4.00	0.00%			-
<b>6E</b>	<b>Total Bill No. 6E : VOP</b>						-
<b>6F</b>	<b>Bill No: 6F Flyover</b>			0.00%			-
6F,01	Structure excavation Ordinary and soft Soils - Flyover	No	8.00	0.00%	0.63%		8.0
6F,02	Flyover - PCC M15 grade - levelling course under fdn.	No	8.00	0.00%			8.0
6F,03	HYSD bar reinforcement - Foundation	No	8.00	0.29%			8.0
6F,04	RCC M35 Pile Cap	No	8.00	0.08%			8.0
6F,05	RCC M35 1.2m dia piles	No	92.00	0.26%			92.0
6F,06	RCC M35 - ABUTMENT	No	4.00	0.02%	0.19%		3.0
6F,07	HYSD bar reinforcement - ABUTMENT	No	4.00	0.02%			3.0
6F,08	RCC M35 - ABUTMENT CAP	No	4.00	0.02%			2.0
6F,09	HYSD bar reinforcement - Abutment cap	No	4.00	0.03%			3.0
6F,10	RCC M35 - Pier Substructure	No	4.00	0.02%			3.0
6F,11	HYSD bar reinforcement - Pier Substructure	No	4.00	0.03%			3.0
6F,12	RCC M35 - Pier CAP	No	4.00	0.02%			2.0
6F,13	HYSD bar reinforcement - Pier CAP	No	4.00	0.04%			2.0
6F,14	RCC M35 - RCC Girder	No	4.00	0.02%	0.30%		-
6F,15	PSC M45/M50 - Girder	No	2.00	0.04%			-
6F,16	HYSD bar reinforcement - Girder	No	6.00	0.09%			-
6F,17	HT Steel for PSC - Girder	No	2.00	0.04%			-
6F,18	RCC M35 - SLAB	No	6.00	0.05%			-
6F,19	HYSD bar reinforcement - SLAB	No	6.00	0.06%			-
6F,20	Finishing Work (10% cost of overall work)	No	6.00	0.00%			-
<b>6F</b>	<b>Total Bill No: 6F Flyover</b>						-

Item	Stage for measurement	UOM	Qty.	Weightage in % to Contract Price		Unit Rate(In Lacs)	
1	2	3	4	5	6		Aug-20
<b>6G</b>	<b>Bill No: 6G Major Bridges</b>						-
6G,01	Structure excavation Ordinary and soft Soils - MJB	No	14.00	0.01%	1.68%		14.0
6G,02	Major Bridge PCC M15 grade - Levelling course	No	14.00	0.01%			10.0
6G,03	HYSD bar reinforcement - Foundation	No	14.00	0.84%			7.0
6G,04	RCC M35 Pile Cap	No	14.00	0.15%			4.0
6G,05	RCC M35 1.2m dia piles	No	228.00	0.68%			193.0
6G,06	RCC M35 - Abutment substructure	No	4.00	0.05%	0.57%		3.0
6G,07	HYSD bar reinforcement - Abutment Substructure	No	4.00	0.07%			3.0
6G,08	RCC M35 - ABUTMENT CAP	No	4.00	0.01%			-
6G,09	HYSD bar reinforcement - ABUTMENT CAP	No	4.00	0.01%			-
6G,10	RCC M35 - Pier Substructure	No	10.00	0.10%			5.0
6G,11	HYSD bar reinforcement - Pier Substructure	No	10.00	0.16%			5.0
6G,12	RCC M35 - Pier CAP	No	10.00	0.07%			-
6G,13	HYSD bar reinforcement - Pier CAP	No	10.00	0.10%		-	
6G,14	PSC M45/M50 - Girder	No	12.00	0.21%	1.02%		4.0
6G,15	HYSD bar reinforcement -Girder	No	12.00	0.23%			4.0
6G,16	HT Steel for PSC -Girder	No	12.00	0.24%			-
6G,17	RCC M35 - SLAB	No	12.00	0.15%			-
6G,18	HYSD bar reinforcement - SLAB	No	12.00	0.19%			-
6G,19	Finishing Work (10% cost of overall work)	No	12.00	0.00%			-
<b>6G</b>	<b>Total Bill No: 6G Major Bridges</b>						-
<b>6H</b>	<b>Bill No. 6H : ROB</b>						-
6H,01	Structural Excavation in ROB foundation	No	6.00	0.00%	0.85%		-
6H,02	ROB - Foundation PCC M15 grade Levelling course	No	6.00	0.01%			-
6H,03	HYSD bar reinforcement - Foundation	No	6.00	0.39%			-
6H,04	RCC M35 Pile Cap	No	6.00	0.11%			-
6H,05	RCC M35 1.2m dia piles	No	6.00	0.34%			3.0
6H,06	RCC M35 - ABUTMENT/Return Wall	No	4.00	0.09%	0.36%		-
6H,07	HYSD bar reinforcement -ABUTMENT/Return Wall	No	4.00	0.14%			-
6H,08	RCC M35 - ABUTMENT CAP	No	4.00	0.02%			-
6H,09	HYSD bar reinforcement - ABUTMENT CAP	No	4.00	0.03%			-
6H,10	RCC M35 - PIER	No	2.00	0.01%			-
6H,11	HYSD bar reinforcement - PIER	No	2.00	0.02%			-
6H,12	RCC M35 - PIER CAP	No	2.00	0.01%			-
6H,13	HYSD bar reinforcement - Pier CAP	No	2.00	0.02%			-
6H,14	RCC M35 - SLAB	No	4.00	0.05%	1.28%		-
6H,15	HYSD bar reinforcement - SLAB	No	4.00	0.05%			-
6H,16	Providing and Fixing Steel Girder for Superstructure as per Technical Specification	No	2.00	1.18%			-
6H,17	Finishing Work (10% cost of overall work)	No	4.00	0.00%			-
<b>6H</b>	<b>Total Bill No. 6H : ROB</b>						-
<b>6I</b>	<b>Bill No. 6I : Interchange</b>						-
6I,01	Structure Excavation for foundation of Interchange	No	24.00	0.03%	5.24%		24.0
6I,02	Foundation PCC M15 grade for levelling course	No	24.00	0.05%			24.0
6I,03	HYSD bar reinforcement - Foundation	No	24.00	2.37%			24.0
6I,04	RCC M35 Pile Cap	No	24.00	0.63%			24.0
6I,05	RCC M35 1.2m dia piles	No	280.00	2.17%			280.0
6I,06	RCC M35 - ABUTMENT/Return Wall	No	26.00	0.19%			25.0

Item	Stage for measurement	UOM	Qty.	Weightage in % to Contract Price		Unit Rate(In Lacs)	
1	2	3	4	5	6		Aug-20
6I,07	HYSD bar reinforcement - ABUTMENT/Return Wall	No	26.00	0.24%	1.24%		26.0
6I,08	RCC M35 - ABUTMENT CAP	No	8.00	0.03%			5.0
6I,09	HYSD bar reinforcement - ABUTMENT CAP	No	8.00	0.05%			7.0
6I,10	RCC M35 - PIER	No	54.00	0.18%			51.0
6I,11	HYSD bar reinforcement - PIER	No	54.00	0.25%			54.0
6I,12	RCC M35 - PIER CAP	No	16.00	0.11%			10.0
6I,13	HYSD bar reinforcement - Pier CAP	No	16.00	0.18%			14.0
6I,14	RCC M35 - RCC Girder	No	28.00	0.02%	1.39%		28.0
6I,15	PSC M45/M50 - PSC Girder	No	112.00	0.17%		36	36.0
6I,16	HYSD bar reinforcement Girder	No	112.00	0.38%			40.0
6I,17	HT Steel for PSC Girder	No	112.00	0.33%			-
6I,18	RCC M35 - SLAB	No	20.00	0.15%			-
6I,19	PSC M45/M50 - SLAB	No	20.00	0.12%			-
6I,20	HYSD bar reinforcement - SLAB	No	20.00	0.20%			-
6I,21	Finishing Work (10% cost of overall work)	No	20.00	0.00%			-
<b>6I</b>	<b>Total Bill No. 6I : Interchange</b>						-
<b>7</b>	<b>Reinforced Earth Wall</b>						-
7.01	PCC For RE Wall Foundation	m2	35,787.00	0.02%	0.81%		14,650.0
7.02	Providing RCC Facia Panel / Block	m2	35,787.00	0.21%			25,012.0
7.03	Filter media behind RE walls	m2	35,787.00	0.08%			14,650.0
7.04	Construction of embankment with Reinforced Earth	m2	35,787.00	0.33%			5,650.0
7.05	RCC crash barrier with friction slab M 40	Rmt	4,710.00	0.17%			-
<b>7</b>	<b>Total Amount Reinforced Earth Wall</b>						-
<b>8</b>	<b>Service roads/ Slip Roads</b>						-
8.01	Construction of Subgrade	Km	4.38	0.08%	0.86%		-
8.02	Construction of GSB	Km	4.38	0.17%			-
8.03	Constructing Wet Mix Macadam base	Km	4.38	0.22%			-
8.04	Primer coat - Connecting road	Km	4.38	0.01%			-
8.05	Tack coat -1 - Connecting road	Km	4.38	0.00%			-
8.06	Tack coat -2 - Connecting road	Km	4.38	0.00%			-
8.07	Dense Bituminous Macadam course- Connecting road	Km	4.38	0.21%			-
8.08	Bituminous Concrete - Connecting Road	Km	4.38	0.16%			-
<b>8</b>	<b>Total Service roads/ Slip Roads</b>						-
<b>9</b>	<b>Bill No.9: Toll Plaza</b>						-
9.01	Clearing and grubbing - Toll Plaza	Km	9.00	0.00%	2.42%		-
9.02	Construction of embankment - Toll Plaza	Km	9.00	0.21%			-
9.03	Construction of Subgrade - Toll Plaza	Km	9.00	0.08%			-
9.04	Constructing Grannular Sub-base - Toll Plaza	Km	9.00	0.17%			-
9.05	Providing xxx mm thick DLC (M15) for Toll plaza	Km	9.00	0.22%			-
9.06	Providing xxx mm thick PQC for Toll plaza	Km	9.00	1.18%			-
9.07	Providing and fixing of Tool booth	Km	9.00	0.04%			-
9.08	Roof over Toll plaza	Km	9.00	0.21%			-
9.09	Operation & Office building at toll plaza	No	2.00	0.04%			-
9.10	Toll plaza sign boards	No	9.00	0.12%			-
9.11	Toll Plaza Facilities	Km	9.00	0.16%			-
<b>9</b>	<b>Total Toll Plaza</b>						-
<b>10</b>	<b>DRAINAGE</b>						-

Item	Stage for measurement	UOM	Qty.	Weightage in % to Contract Price		Unit Rate(In Lacs)	Aug-20
				5	6		
1	2	3	4	5	6		Aug-20
10.01	Drain Excavation	Km	30.52	0.07%	1.20%		-
10.02	Drain Lining	Km	30.52	0.48%			-
10.03	RCC M 20 Grade Dain	Km	30.52	0.19%			-
10.04	HYSD bar reinforcement	Km	30.52	0.09%			-
10.05	Construction of chute lined drain in shoulder	Km	30.52	0.31%			-
10.06	Construction of energy dissipation basin and sumps	Km	30.52	0.05%			-
10	Total : DRAINAGE						-
11	Bill No. 11: Traffic signs, Road markings and other road appurtunences						-
11.01a	Providing Kerb M-20 grade	Km	30.52	0.10%	0.68%		-
11.04a	Painting on Kerbs	Km	30.52	0.01%			-
11.02a	Supplying & Fixing Sign Boards	Km	32.00	0.34%			-
11.03a	Pavement marking	Km	32.00	0.23%			-
11	Traffic signs, Road markings and other road appurtunences						-
11.04	Providing and erecting " Thrie " metal beam crash barrier	Km	30.52	1.19%	1.19%		-
12	Project facilities						-
12.01	Wayside Amenities/Service Area	No	2.00	0.88%	0.88%		-
12.02	Providing operational and maintenance Center	No.	2.00	0.44%	0.44%		-
12.03	Providing lighting including all	Km	30.52	0.08%	0.08%		-
12.04	Provdng Advanced Traffic Management Systems (ATMS)	Km	30.52	0.57%	0.57%		-
12.05	Providing & Placing Noise Barrier	Km	9.30	0.29%	0.29%		-
12.06	Providing Rain Water Harvesting	Km	64.00	0.06%	0.06%		-
12.07	Providing Chain Link Fencing in ROW	Km	30.52	1.19%	1.19%		-
12.08	Providing min 600 mm dia NP4 pipes across the road for utility work	No	62.00	0.20%	0.20%		62.0
12	Project facilities						-
13	Land Scaping and Tree plantation						-
	Land Scaping and Tree plantation	LS	30.52	0.15%	0.146%		-
13	Environmental Plan						-
14	PROTECTION WORKS						-
I	Boulder pitching on slopes						-
A	Providing and laying stone pitching on embankment slopes	cum	20,190.56	0.18%	0.25%		-
B	Providing and laying filter media underneath stone pitching	cum	10,011.40	0.06%			-
II	Toe/Retaining wall		-	0.00%			-
A	Excavation of Retaining Wall + Toe Wall	Km	3.31	0.05%	4.85%		3.1
B	M-15 PCC Retaining Wall + Toe Wall	Km	3.31	0.12%			3.0
C	M-25 Retaining Wall + Toe Wall	Km	3.31	2.60%			2.9
D	HYSD - Retaining Wall + Toe Wall	Km	3.31	2.09%			3.0
14	Total : PROTECTION WORKS						-
15	MISCELLANEOUS WORKS						-
15.01	Overhead Signs	No	32.00	0.16%	0.16%		-
15.02	Traffic Aid Booth	m2	2.00	0.01%	0.014%		-
15.03	Medical Aid Booth	m2	2.00	0.01%	0.014%		-
15.04	(d) Emergency Cross Over	No.	6.00	0.02%	0.018%		-
15.05	Wearing Coarse	No	32.00	0.03%	0.141%		-
15.06	Kerb	Km	32.00	0.11%			-
15	Total Bill No.15 : MISCELLANEOUS WORKS						-
				Cumulative Progress (%)			48.25%

**STRUCTURE PROGRESS CHART AS ON 31.08.2020**

**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	11
3		Done	Done	Done	Done	333+850	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	1
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	6
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	4
10		Done	Done	Done	Done	330+068	330+068	1X1.2	Done	Done	Done	Done		11	VUP	5	2
11		Done	Done	Done	Done	331+118	331+118	1X1.2	Done	Done	Done	Done		12	P/CUP	34	6
12		Done	Done	Done	Done	331+719	331+719	1X1.2	Done	Done	Done	Done		Total		157	36
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	
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					

**PROGRESS CHART FOR BOX CULVERTS**

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	Apron
1									323+038	323+057	1X2X2								
2									323+087	323+087	1X2X2								
3									323+087	323+087	1X2X2								
4									323+087	323+087	1X2X2								
5									323+087	323+087	1X2X2								
6				Done	Done	Done	Done	Done	332+659	323+367	1X3X3	Done	Done	Done	Done	Done			
7						Done	Done	Done	324+164	324+160	1X2X2	Done	Done	Done					
8				Done	Done	Done	Done	Done	324+236	324+259	1X3X3	Done	Done	Done	Done	Done			
9							Done	Done	324+254	324+273	1X3X3	Done	Done	Done					
10				Done	Done	Done	Done	Done	324+987	325+005	1X3X3	Done	Done	Done	Done	Done			
11			Done	Done	Done	Done	Done	Done	326+292	326+310	1X4X3	Done	Done	Done	Done	Done	Done		
12						Done	Done	Done	326+848	326+867	1X3X3	Done	Done	Done					
13									326+957	326+982	1X2X2								
14									326+957	326+982	1X2X2								
15			Done	Done	Done	Done	Done	Done	330+242	330+260	1X2X2	Done	Done	Done	Done	Done	Done		
16				Done	Done	Done	Done	Done	330+853	330+872	2X4X3	Done	Done	Done	Done	Done			
17				Done	Done	Done	Done	Done	331+840	331+859	1X2X2	Done	Done	Done	Done				
18									331+840	331+859	1X2X2								
19			Done	Done	Done	Done	Done	Done	333+661	333+670	1X5X3	Done	Done	Done	Done	Done	Done		
20			Done	Done	Done	Done	Done	Done	335+074	335+093	1X2X2	Done	Done	Done	Done	Done	Done		
21			Done	Done	Done	Done	Done	Done	335+664	335+684	1X2X2	Done	Done	Done	Done	Done	Done		
22			Done	Done	Done	Done	Done	Done	339+352	339+345	1X2X2	Done	Done	Done	Done	Done	Done		
23			Done	Done	Done	Done	Done	Done	339+700	339+700	1X2X2	Done	Done	Done	Done	Done	Done		
24			Done	Done	Done	Done	Done	Done	339+848	339+852	1X2X2	Done	Done	Done	Done	Done	Done		
25				Done	Done	Done	Done	Done	339+941	339+934	1X2X2	Done	Done	Done	Done	Done			
26					Done	Done	Done	Done	341+171	341+193	1x6x3	Done	Done	Done	Done				
27				Done	Done	Done	Done	Done	342+620	342+620	1X4X3	Done	Done	Done	Done	Done			
28									344+440	344+347	1x2x2								
29				Done	Done	Done	Done	Done	345+474	345+494	1x4x3	Done	Done	Done	Done	Done			
30				Done	Done	Done	Done	Done	345+966	346+000	1x3x3	Done	Done	Done	Done	Done			
31									346+776	346+800	2x3x3								
32				Done	Done	Done	Done	Done	346+800	346+800	2x3x3	Done	Done	Done	Done				
33						Done	Done	Done	347+468	347+468	1x2x2	Done	Done	Done					
34						Done	Done	Done	347+537	347+556	2x3x2	Done	Done	Done					
35						Done	Done	Done	347+900	347+940	1x2x2	Done	Done	Done					
36				Done	Done	Done	Done	Done	349+220	349+220	1x5x3	Done	Done	Done	Done	Done			
37									349+445	349+463	1x5x3								
38									349+460	349+463	1x2x2								
39				Done	Done	Done	Done	Done	349+809	349+832	1x2x2	Done	Done	Done	Done	Done			
40						Done	Done	Done	351+009	351+009	1x3x3	Done	Done	Done					
41									351+265	351+265	1x3x3								
42									353+690	353+690	1x2x2								
43									353+690	353+690	1x2x2								
44									353+690	353+690	1x2x2								
45									353+690	353+690	1x2x2								
46									353+690	353+690	1x2x2								
47									353+690	353+690	1x2x2								
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								
			8	20	21	27	28	28	52	52		28	28	28	21	18	8		

**PROGRESS CHART FOR CUP/PUP**

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	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	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	Done			
24					Done	Done	Done	Done	343+169	343+150	1X12	Done	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	Done	345+653	345+670	1X12	Done	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	347+922	347+900	1X12	Done	Done	Done	Done	Done			
30					Done	Done	Done	Done	348+978	349+100	1X12	Done	Done	Done	Done	Done			
31						Done	Done	Done	349+972	349+950	1X12	Done	Done	Done	Done	Done			
32				Done	Done	Done	Done	Done	350+831	350+850	1X12	Done	Done	Done	Done	Done			
33				Done	Done	Done	Done	Done	352+355	352+320	1X12	Done	Done	Done	Done	Done			
34					Done	Done	Done	Done	352+700	352+696	1X12	Done	Done	Done	Done	Done			
				<b>27</b>	<b>33</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>33</b>	<b>29</b>		

**PROGRESS CHART FOR VUP**

SR.NO	PROGRESS CHART FOR VUP																		
	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	341+826	341+843	1x12	Done	Done	Done	Done	Done			
5					Done	Done	Done	Done	351+284	351+303	1x12	Done	Done	Done	Done	Done			



SR.NO	PROGRESS CHART FOR LVUP																			
	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	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	Done				
5					Done	Done	Done	Done	343+856	343+877	1x12	Done	Done	Done	Done	Done				
6					Done	Done	Done	Done	348+468	348+490	1x12	Done	Done	Done	Done	Done				
7				Done	Done	Done	Done	Done	351+803	351+803	1x12	Done	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	RHS								
	Finishing			Super Structure	Sub Structure	Foundation			Dimension			Foundation			Sub Structure	Super Structure	Finishing			
	WC inside Str.	Approach Slab	Crash Barrier			Raft	PCC	Excavation		Excavation	PCC	Raft	Crash Barrier	Approach Slab			WC inside Str.			
1				Done	Done	Done	Done	Done	329+062	329+080	1X10.42	Done	Done	Done	Done	Done				
2				Done	Done	Done	Done	Done	337+874	337+895	1X10.42	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	Done				

**PILE TYPE**

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	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		31	2 out of 4	26 out of 35	2 out of 2	35	70	330+630	330+640	1X32.2	35	2 out of 2	26 out of 35	2 out of 4						
3			2 out of 4	54 out of 62	2 out of 2	62	124	343+566	343+566	1x27.20	62	2 out of 2	55 out of 62	2 out of 4						
4		43	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		40	3 out of 4	23 out of 28	2 out of 2	28	56	354+636	354+660	1x48.603	28	2 out of 2	23 out of 28	3 out of 4						

**PROGRESS CHART FOR FLYOVER**

SR.NO	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	Pile Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab					
1		4	2 out of 4	13 out of 16	4 out of 4	46	92	344+383	344+360	1x22.627+1x42.065+1x22.627	46	4 out of 4	13 out of 16	2 out of 4	4					

PROGRESS CHART FOR INTERCHANGE																			
SR.N O	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 of 12	4 out of 4	40	80	323+074	323+087	1 x 16.9+1x47.2+1x16.9	40	4 out of 4	12 out of 12	3 out of 4	13				
2		18	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	4 out of 8	20				
PROGRESS CHART FOR ROB																			
SR.N O	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						22 out of 42	80	352+965	352+988	2x37.20	14 out of 38								
PROGRESS CHART FOR MJB																			
SR.N O	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	2 out of 7	100	228	336+810	336+830	6X42.20	92	2 out of 7	4 out of 7	1 out of 7	4				
PROGRESS CHART FOR VOP																			
SR.N O	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			3 out of 3	3 out of 3	3 out of 3	14	14	326+957	326+982	2x48.221	Not Applicable								
2			3 out of 3	3 out of 3	3 out of 3	21	21	349+441	349+463	2x41.35									



## ANNEXURE 4

### Details of Electrical Utilities

Sr. No.	CHAINAGE		Division	SIDE	TYPE	Effected LENGTH (m)	Description	Affected Zone	Remarks
	From	To							
1	323+030	323+040	Amod		11 KV	10	Electric Line Crossing (Amod)	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	Shifting work not in progress due to inspection of RSJ Pole Pending from MGCVL site (Letter for RSJ Pole Inspection submitted Vide our office Letter No : PIL/ VK2/ IRCON / 572 / 2020, dated 17.07.2020
2	323+090	323+095	Amod		11 KV	5	Electric Line Crossing (Amod)		
3	323+130	323+140	Amod		11 KV	10	Electric Line Crossing (Amod)		
4	323+160	323+170	Amod		12 KV	10	Electric Line Crossing (Amod)		
5	323+180	323+200	GETCO		66 KV	20	Electric Line Crossing (Amod)		
6	323+200	323+210	Amod		11 KV	10	Electric Line Crossing (Amod)		
7	323+380	323+440	Amod		11 KV	60	Electric Line Crossing (Amod)		
8	324+090	324+110	GETCO		1 Tower/220KV	20	High Tension Line Crossing		
9	324+600	324+610	Karjan		2/11KV	10	Electric Line Crossing	Within ROW (LHS)	
10	324+700	324+705	Karjan	LHS		5	Transformer	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	
11	324+800	324+830	Karjan		2/11KV	30	Electric Line Crossing		
12	324+690	324+710	Karjan		3/11KV	20	Electric Line Crossing		
13	325+100	325+115	GETCO		1 Tower/220KV	15	High Tension Line Crossing		
14	325+180	325+190	Karjan		11 KV	10	Electric Line Crossing		
15	325+780	325+790	Karjan	LHS		10	Transformer		
16	325+550	325+570	Karjan		11 KV	20	Electric Line Crossing		
17	325+600	325+630	Karjan		11 KV	30	Electric Line Crossing		
18	326+400	326+420	GETCO		1 Tower/220KV	20	High Tension Line Crossing		
19	326+900	326+910	Karjan		11 KV	10	Electric Line Crossing		
20	327+175	327+205	GETCO		220KV	30	High Tension Line Crossing		
21	327+280	327+290	Karjan		11 KV	10	Electric Line Crossing	Within ROW (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	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	
27	329+310	329+330	Karjan		11 KV	20	Electric Line Crossing		

**ANNEXURE 4**

**Details of Electrical Utilities**

Sr. No.	CHAINAGE		Division	SIDE	TYPE	Effected LENGTH (m)	Description	Affected Zone	Remarks
	From	To							
28	330+270	330+275	Karjan	RHS	11 KV	5	Transformer	Only MCW	Shifting work not in progress due to inspection of RSJ Pole Pending from MGCVCL site (Letter for RSJ Pole Inspection submitted Vide our office Letter No : PIL/ VK2/ IRCON / 572 / 2020, dated 17.07.2020)
29	330+275	330+570	Karjan	8 Line	12 KV	65	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	
30	331+230	331+240	Karjan		11 KV	10	Electric Line Crossing	MCW	
31	331+430	331+440	Karjan		11 KV	10	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	
32	331+800	331+820	Karjan		11 KV	20	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	
33	331+900	331+920	Karjan		11 KV	20	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	
34	331+930	331+950	GETCO		66 KV	20	High Tension Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	
35	332+050	332+060	Karjan		11 KV	10	Electric Line Crossing	MCW to ROW (LHS)	
36	332+130	332+150	Karjan		11 KV	20	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	
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, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	
39	333+100	333+130	Karjan		11 KV	30	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	
40	333+340	333+350	Karjan	LHS		5	Transformer	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	
41	333+520	333+540	Karjan		11 KV	20	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	
42	333+620	333+720	Karjan		11 KV	100	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	
43	333+950	334+000	Karjan		11 KV	50	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	
44	334+220	334+240	Karjan		11 KV	20	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	
45	334+575	334+590	Karjan		11 KV	15	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	
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 Service Road Affetcted because the electric line crossing over the Entire ROW	
48	334+690	334+720	Karjan		11 KV	30	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	
49	334+730	334+770	Karjan	2 Line	11 KV	40	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	
50	334+800	334+830	Karjan		11 KV	30	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	
51	335+370	335+400	Padra-1		11 KV	30	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	
52	335+370	335+400	Padra-1	LHS	11 KV	30	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	
53	336+080	336+130	PGCIL		400KV	50	High Tension Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	
54	337+470	337+510	Padra-1		11 KV	40	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	
55	337+580	337+620	Padra-1		11 KV	40	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	
56	338+480	338+550	Padra-1		11 KV	70	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	
57	339+670	339+720	Padra-1		11 KV	50	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	
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 Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	

**ANNEXURE 4**

**Details of Electrical Utilities**

Sr. No.	CHAINAGE		Division	SIDE	TYPE	Effected LENGTH (m)	Description	Affected Zone	Remarks	
	From	To								
60	341+610	341+650	Padra-1		11 KV	40	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	Shifting work not in progress due to inspection of RSJ Pole Pending from MGVCL site (Letter for RSJ Pole Inspection submitted Vide our office Letter No : PIL/ VK2/ IRCON / 572 / 2020, dated 17.07.2020	
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	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW		
71	349+440	349+470	Padra-2		11 KV	30	Electric Line Crossing			
72	350+340	350+400	Padra-2		11 KV	60	Electric Line Crossing			
73	350+320	350+330	Padra-2	RHS		10	Transformer			
74	351+400	351+420	Padra-2		11 KV	20	Electric Line Crossing			
75	351+420	351+430	Padra-2	LHS		10	Transformer			
76	351+530	351+540	Padra-2		11 KV	10	Electric Line Crossing			
77	351+680	351+800	Padra-2		11 KV	10	Electric Line Crossing			
78	351+820	351+825	Padra-2		11 KV	5	Electric Line Crossing			
79	351+830	351+835	Padra-2		11 KV	5	Electric Line Crossing			
80	351+870	351+875	Padra-2		11 KV	5	Electric Line Crossing			
81	351+875	351+885	Padra-2		11 KV	10	Electric Line Crossing			
82	351+885	351+915	Padra-2		11 KV	30	Electric Line Crossing			
83	352+300	352+310	Padra-2		11 KV	10	Electric Line Crossing			
84	352+445	352+460	Padra-2		11 KV	15	Electric Line Crossing			
85	353+415	353+425	Padra-2		11 KV	10	Electric Line Crossing			
86	353+445	353+470	Padra-2		11 KV	25	Electric Line Crossing			
87	353+510	353+520	Padra-2		11 KV	10	Electric Line Crossing			
88	353+525	353+550	Padra-2		11 KV	25	Electric Line Crossing			
89	353+670	353+920	Padra-2		11 KV	10	Electric Line Crossing			
90	353+950	353+960	GETCO		66 KV	10	High Tension Line Crossing			
91	354+000	354+010	GETCO		66 KV	10	High Tension Line Crossing			
92	354+240	354+250	Padra-2		11 KV	10	Electric Line Crossing			
93	354+830	354+835	Padra-2		11 KV	5	Electric Line Crossing			
94	354+950	354+960	Padra-2		11 KV	10	Electric Line Crossing			
					<b>TOTAL LENGTH</b>	<b>2310</b>				

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

SR. NO.	CHAINAGE		SIDE	TYPE	EFFECTED LENGTH	REMARKS
	From	To				
1	323+040	323+050	LHS	CANAL CROSSING		
2	323+165	323+175	C/L	TUBEWELL		
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		
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		
19	331+800	331+835	RHS	IRRIGATION CHANNEL		
20	332+640	332+660		Nala		
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		
28	338+950	338+960	RHS	TUBE WELL		
29	339+550	339+675	BHS	CANAL CROSSING		
30	341+600	341+610	RHS	TUBE WELL		
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		
38	350+300	350+315	BHS	TUBE WELL		
39	351+240	351+260	RHS	CANAL CROSSING		
40	351+245	351+255	C/L	TUBE WELL		
41	351+415	351+435	BHS	WATER LINE CROSSING	20	
42	351+530	351+540	RHS	WELL		
43	352+880	353+000	RHS	CANAL CROSSING		
44	354+330	354+340	RHS	BOREWELL		
				<b>TOTAL LENGTH</b>	<b>120</b>	


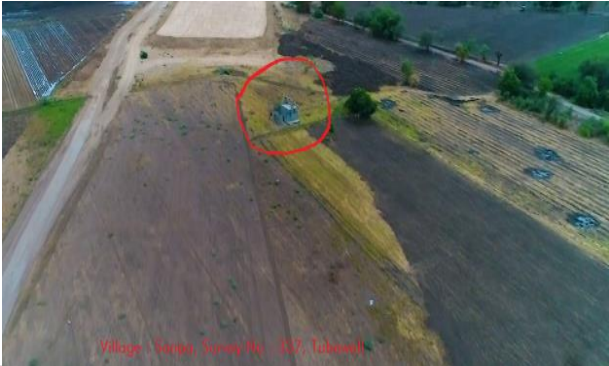






Details of Permanent structure like Building etc.							
Sr. No.	Chainage		Side	Structure type	Effectuated Length(m)	Effectuated Width(m)	Effectuated Zone
	From	To					
1	327+280	327+320	RHS	COW SHELTER	40		
2	329+350	329+355	LHS	COW SHELTER	5		
3	329+365	329+375	BHS	HOUSE	10		
4	330+320	330+330	BHS	HOUSE	10		
5	341+780	341+810	LHS	ONGC GAS OFFICE	30		
<b>TOTAL LENGTH</b>					<b>95</b>		




Details of Gas Pipe Lines						
SR. NO.	Chainage		SIDE	TYPE	EFFECTED LENGTH	REMARKS
	From	To				
1	343+560	343+620	BHS	ONGC & GAIL PIPE LINE	60	Boundary Wall
<b>TOTAL LENGTH</b>					<b>60</b>	

Details of Religious Structures like Temple, Mosque etc.					
Sl. No.	Temple Chainage		Side	EFFECTED LENGTH	Remarks
1	349+441		Cross Road(RE Wall)	20	Temple
2	353+670		LHS	20	Mazar/Mosque
<b>TOTAL LENGTH</b>				<b>40</b>	




## Details of Land related Hindrances as on 31.08.2020

Sr. No	Chainage from		Affected length( m)	Village Name	Survey No.	Owner Name	Hindrance Description	Remarks
1	325+160	325+320	160	Sanpa	337	Govardhanbhai ranchoddas	3D has been Gazetted vide S/O No. (E) - 2068 dated 25.06.2020, and published in newspaper on 18.07.2020. 3D objection hearing on 7 September 2020 by CALA.	
2	325+160	325+320	-	Sanpa	337	Govardhanbhai ranchoddas	CALA issued notice for payment against tube well Award. Land owner has received Payment Notice from CALA, all required documents submitted, Payment awaited.	
3	325+320	325+500	180	Sanpa	527	Mohadbhaiasla mesab	3D has been Gazetted vide S/O No. (E) - 2068 dated 25.06.2020, and published in newspaper on 18.07.2020. 3D objection hearing on 7 September 2020 by CALA.	

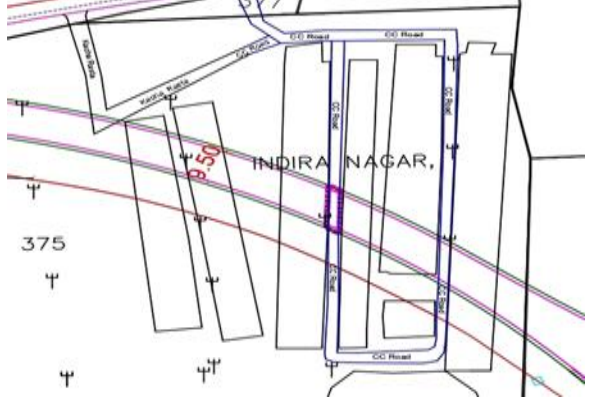
Sr. No	Chainage from		Affected length (m)	Village Name	Survey No.	Owner Name	Hindrance Description	Remarks
4	326+210	326+250	40	Sanpa	169	Patel Babubhaiam Balal	3D has been Gazetted vide S/O No. (E) – 2068 dated 25.06.2020, and published in newspaper on 18.07.2020. 3D objection hearing on 7 September 2020 by CALA.	 <p>Village : Sanpa, Survey No : 169, ch 326+210 to 326+250</p>
5	327+250	327+300	50	Bodka	70	Vinunhaikani bhai Gondaliya	CALA issued notice for payment against tube well Award. Land owner has received Payment Notice from CALA, all required documents submitted, Payment awaited.	 <p>Village : Bodka, Survey No :70, Ch. 327+ 250 to 327+ 300</p>
6	328+530	328+580	25	Bodka	161	Neelesh Patel	NHAL 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 Season needs to resolve it.  Work in progress but additional compensation yet not disbursed	 <p>Village : Bodka, Survey No : 161, ch. 328+530 to 328+580</p>

Sr. No	Chainage from		Affected length (m)	Village Name	Survey No.	Owner Name	Hindrance Description	Remarks
7	329+355	329+400	45	Kanbha	413	Malik Yusupbhai	CALA issued notice for payment against tube well Award. Land owner not receive payment notice.	 <p>Village : Kanbha, Survey No ; 413, Ch. 329+355 to 329+400</p>
8	330+250	330+300	50	Kanbha	296	Idrishbhai ahamadbhai	CALA issued notice for payment against tube well Award. Land owner not receive payment notice.	 <p>Village : Kanbha 330+250 to 330+300 - Survey.No : 296</p>
9	331+110	331+280	170	Handod	41	Pannubhai Bhatt	Award signed and Rs.2547053/ amount Demand Note send to PIU Bharuch on dt.07.01.2020 from CALA. Payment awaited..	 <p>Village : Handod, Survey ne : 41, Ch.331+110 to 331+280</p>



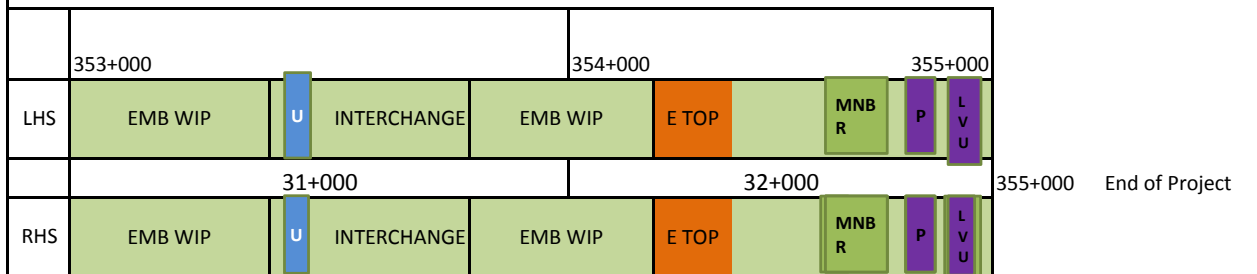
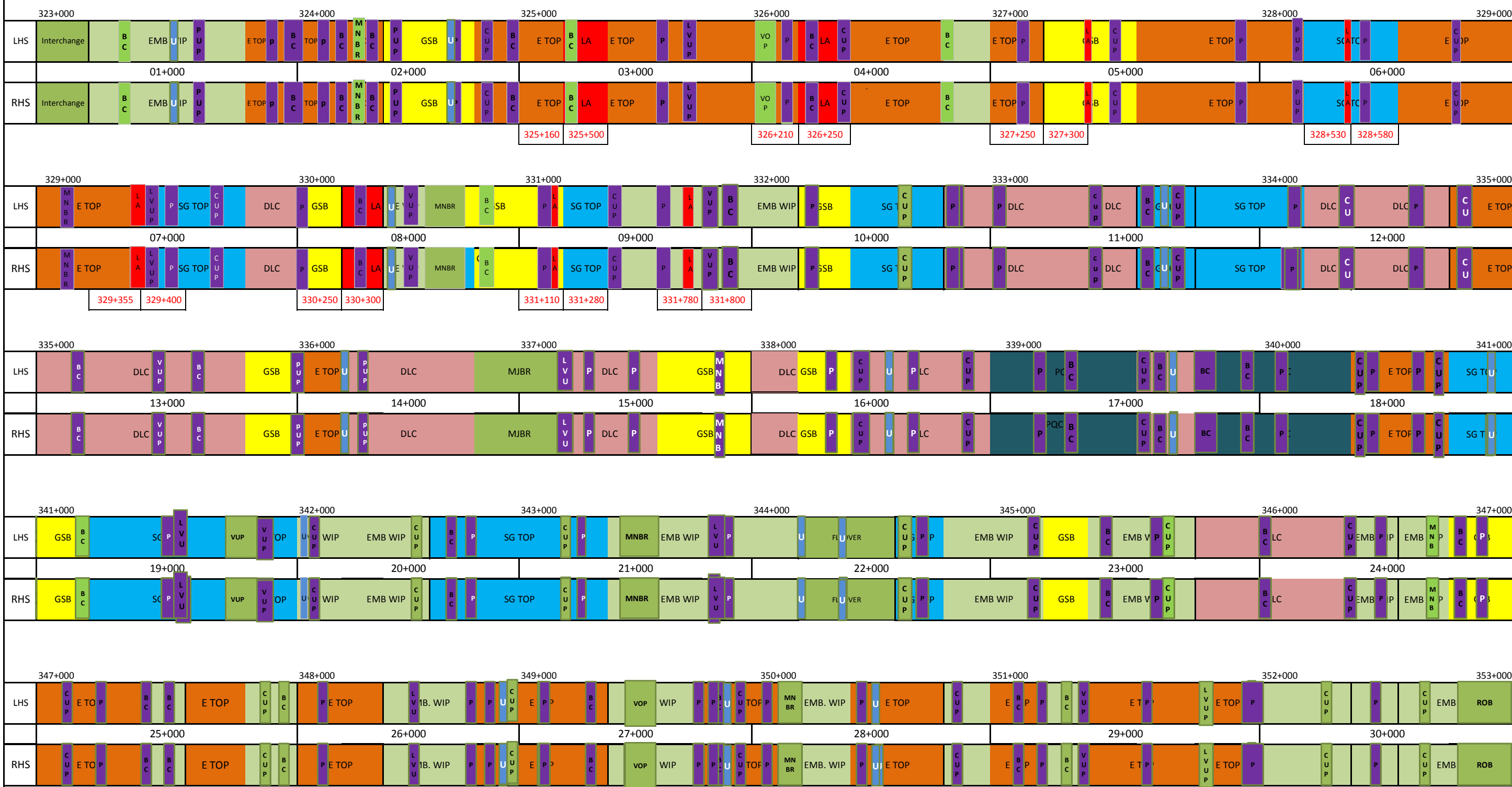
Sr. No	Chainage from	Affected length(m)	Village Name	Survey No.	Owner Name	Hindrance Description	Remarks
10	331+780	331+800	Handod	8	Prafulbhaibhatt	3D has been Gazetted vide S/O No. (E) - 2068 dated 25.06.2020, and published in newspaper on 18.07.2020. 3D objection hearing on 7 September 2020 by CALA.	
11	338+200	338+400	Husepur	276	Somabhai Vasava	Land data updated & All required documents submitted at CALA office for Payment, Payment Awaited from CALA office.  Work in progress but compensation yet not disbursed	
12	353+800(Interchange Loop Section)	10	Samiyala	470	Sitaben	NHAI acquired 0.1947 Hact. Land in survey no.470 but farmer survey no.470 Land area is 0.2125 Hact.. and total survey no. is coming in NHAI Acquisition for interchange loop section. Farmer claimed rest land area (0.0178 Hact.) compensation. Farmer also persuade to CALA office for rectifying this discrepancy on his survey no.	
TOTAL		750					

## Critical Issue

Interchange down Ramp No.1 at Interchange Ch.353+660	Samiyala	375	<b>Govt.Land</b>	Indira Avas type -1 (15'x30') – 57 Nos. Indira Avas type -1 (10'x30') – 11 Nos. Sardar avas (15'x30') --29 Nos. Total - 97	 <p>The diagram is a site plan for 'INDIRA NAGAR'. It shows several rectangular plots, some of which are highlighted in purple to indicate the affected area. A red line with the number '375' is drawn across the plots, representing the location of the interchange. The plan also shows roads labeled 'C/O Road' and 'INDIRA NAGAR'.</p>
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200 m length affected

**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: #4169E1; color: white;">■</span>	Yet to Start
<span style="background-color: #90EE90; color: black;">■</span>	Work in Progress
<span style="background-color: #800080; color: white;">■</span>	Work Completed

Scope of work (in Km)	Work Done (in Km)	%	Structure
32.00	31.25	97.66%	Work In Progress
32.00	0.750	2.34%	LA Hindrance
32.00	2.310	7.22%	Hindrance( utility )
32.00	1.480	4.63%	Structure
30.52	0.700	2.29%	PQC
30.52	6.595	21.61%	DLC
30.52	8.741	28.64%	GSB TOP
30.52	14.330	46.95%	SG Top
30.52	23.000	75.36%	EMB Top

## Details of Letter Correspondence From PIL TO IRCON.

Sr.	Date	Letter Number	Subject
1	01.08.2020	PIL/HO/VKP2/IRCON/418/2020	Submission of Design & Drawing document for Preliminary basis of approval for Reinforced soil approach - Regarding Submission of Typical cross section at PUP/ CUP /LVUP/ VUP approach road with Re- Wall.
2	01.08.2020	PIL/HO/VKP2/IRCON/419/2020	Regarding submission of compliance against proposal of Precast Shoulder Drain in aspect of Value Engineering as per NHAJ Circular/Policy Guidelines dated 08.07.2020.
3	05.08.2020	PIL/ VK2/ IRCON/ 582 / 2020	Submission of Stage Payment Statement No 11 of Section 323+000 to 355+000 for the stage completed for July 2020 (IPC 11)
4	05.08.2020	PIL/ VK2/ IRCON/ 583 / 2020	Submission of "Monthly Progress Report" for the Month of July- 2020.
5	05.08.2020	PIL/HO/VKP2/IRCON/420/2020	Regarding Submission of Certificate for Lower rate deduction of TDS for the FY 2020-2021 for the Above captioned Project work
6	05.08.2020	PIL/HO/VKP2/IRCON/422/2020	Regarding Longitudinal Joint arrangement in PQC Paving in Two Passes (PQC)
7	06.08.2020	PIL/HO/VKP2/IRCON/426/2020	Regarding submission of detailed design and drawing of ROB Abutment (A1) at Ch. 352+946.198
8	07.08.2020	PIL/ VK2/ IRCON/ 584 / 2020	Submission of Drawings of Elastomeric Bearing for MNB at Ch. 324+193 & MNB For Ch. 330+640.
9	07.08.2020	PIL/HO/VKP2/IRCON/428/2020	Submission of Design and Drawing of Interchange at Ch.323+075.
10	07.08.2020	PIL/HO/VKP2/IRCON/429/2020	Regarding submission of detailed Drawing of Wayside Amenities.
11	08.08.2020	PIL/ VK2/ IRCON/ 585 / 2020	Non Conformance Report (NCR) No. 006 & 007 (Reg. Pile cage rusting at ROB 352+946 & Damaged DLC)
12	08.08.2020	PIL/ VK2/ IRCON/ 586 / 2020	Compliance for Submission of PQC Trial Stretch Report
13	08.08.2020	PIL/ VK2/ IRCON/ 587 / 2020	Submission of Borrow area Numbers 67 C & 67 D.
14	08.08.2020	PIL/ VK2/ IRCON/ 588 / 2020	Issues related to Quality & Workmanship of ongoing works.
15	10.08.2020	PIL/ VK2/ IRCON/ 589 / 2020	Request for Closer of NCR Issued Regarding exposed & rusting steel bars – Non Conformance Report (NCR) No. 5 Reg.
16	10.08.2020	PIL/ VK2/ IRCON/ 591 / 2020	Submission of Company Profile & Credentials of M/s Kataria Industries Pvt. Limited for H.T. steel wire strands (Low Relaxation Prestressed Concrete Strands) and Pre-stressing material for source approval. (Compliance)
17	11.08.2020	PIL/ VK2/ IRCON/ 592 / 2020	Reg. Source Approval for M/s Vigyashree Sharoda Infrastructure Ltd. (VSIL) for Bridge Bearing and Expansion Joints.
18	13.08.2020	PIL/ VK2/ IRCON/ 593 / 2020	Submission of Drawing & Estimate for shifting of Temple at Ch.349+441 VOP approach road.
19	17.08.2020	PIL/ VK2/ IRCON/ 595 / 2020	Submission of Company Profile & Credentials of M/s Kataria Industries Pvt. Limited for H.T. steel wire strands (Low Relaxation Pre-stressed Concrete Strands) and Pre-stressing material for source approval.
20	17.08.2020	PIL/ VK2/ IRCON/ 596 / 2020	Submission of Tata Mundra Fly ash third party test report for source approval.
21	17.08.2020	PIL/ VK2/ IRCON/ 597 / 2020	Submission of Borrow area Numbers 3E, 8C, 8D & 76D
22	18.08.2020	PIL/ VK2/ IRCON/ 599 / 2020	Submission of Joint Inspection Report on Verification of Structures Locations on the Expressway.
23	18.08.2020	PIL/ VK2/ IRCON/ 600 / 2020	Submission of Inspection Report of Factory Visit & request for verification of testing procedure of M/s Hercules Engineering (SEA) SDN BHD through video conference for source approval of Bridge Bearings & Expansion Joints.
24	18.08.2020	PIL/ VK2/ IRCON/ 601 / 2020	Regarding justification for PQC in two passes and Methodology for Paving PQC in two passes & panel arrangement drawing.
25	21.08.2020	PIL/ VK2/ IRCON/ 602 / 2020	Submission of Borrow area Numbers 49E, 68D & 68E
26	20.08.2020	PIL/HO/VKP2/IRCON/434/2020	Regarding submission of compliance against proposal of Precast Shoulder Drain in aspect of Value Engineering as per NHAJ Circular/Policy Guidelines dated 08.07.2020"



## Details of Letter Correspondence From PIL TO IRCON.

Sr.	Date	Letter Number	Subject
27	20.08.2020	PIL/HO/VKP2/IRCON/435/2020	Regarding Submission of drawings for Highway Layout for Plantation
28	21.08.2020	PIL/ VK2/ IRCON/ 603 / 2020	Submission of Design of Elastomeric Bearing for MNB at Ch. 324+193 & MNB Ch 330+640.
29	25.08.2020	PIL/ VK2/ IRCON/ 605 / 2020	Monthly Progress Report of M/s Patel Infrastructure Limited (PIL). (For MPR June 2020)
30	25.08.2020	PIL/ VK2/ IRCON/ 606 / 2020	Compliance for Submission of Company Profile & Credentials of M/s JSW Steel Ltd. for approval of Steel
31	25.08.2020	PIL/ VK2/ IRCON/ 607 / 2020	Compliance for Submission of PQC Mix design.
32	26.08.2020	PIL/ VK2/ IRCON/ 608 / 2020	Submission of Methodology and detailed drawings for Slope Protection Reminder- 2.
33	26.08.2020	PIL/ VK2/ IRCON/ 609 / 2020	Request for Closer of NCR 05 Issued Regarding exposed & rusting steel bars & Submission of physical & chemical test results of Steel. – Non Conformance Report (NCR) No. 5 Reg.
34	26.08.2020	PIL/HO/VKP2/IRCON/448/2020	Submission of detailed Drawing of Highway Lighting
35	26.08.2020	PIL/HO/VK2/IRCON/450/2020	Compliance for Submission of PQC trial stretch Report- Reg.
36	27.08.2020	PIL/HO/VKP2/IRCON/451/2020	Submission of Last Part of 2nd Mobilization Advance Bank Guarantee"
37	27.08.2020	PIL/ VK2/ IRCON/ 611 / 2020	Submission of Design & Drawing of supporting arrangement for PSC girder at MNB Ch 324+193
38	27.08.2020	PIL/ VK2/ IRCON/ 612 / 2020	Source approval of M/s Vigyashree Sharoda Infrastructure Ltd (VSIL) for Bridge Bearing and Expansion joint source approval.
39	28.08.2020	PIL/ VK2/ IRCON/ 613 / 2020	Submission of Borrow area Numbers 53B, 53C, 53D, 67E, 81C, 81D, 81E, 82A & 83A
40	28.08.2020	PIL/ VK2/ IRCON/ 614 / 2020	Submission of Drawing of Protection wall to protect ONGC Well at ch. 341+824.
41	28.08.2020	PIL/ VK2/ IRCON/ 615 / 2020	Testing of bearings manufactured by M/s Hercules (SEA) SDN BHD through Video conferencing.
42	28.08.2020	PIL/HO/VK2/IRCON/457/2020	Regarding Renewal of Insurance Policy for GSPL Pipeline
43	29.08.2020	PIL/ VK2/ IRCON/ 616 / 2020	Submission of Proposal for Change of Scope as per Article 13 of Contract Agreement (COS)
44	29.08.2020	PIL/ VK2/ IRCON/ 617 / 2020	Information Regarding structures relocated.
45	31.08.2020	PIL/HO/VKP2/IRCON/460/2020	Regarding justification for PQC in two passes and Methodology for Paving PQC in two passes & panel arrangement drawing

## Details of Letter Correspondence From IRCON TO PIL

Sr.	Date	Letter Number	Subject
1	05.08.2020	IRCON/ 3019/ VKE/ PATEL / 1871	Release of Original Bank Guarantees submitted for the work of "willing construction contractors for Pre- Bid tie up with IRCON
2	06.08.2020	IRCON/ 3019/ VKE/ PATEL / 1875	Non Conformance Report (NCR) No. 006 & 007 (Reg. Pile cage rusting at ROB 352+946 & Damaged DLC)
3	07.08.2020	IRCON/ 3019/ VKE/ PATEL / 1881	Non closure of NCR issued for improper stacking of steel bars - NCR no 5 , Non Conformance Report (NCR)
4	08.08.2020	IRCON/ 3019/ VKE/ PATEL / 1885	Submission of Design & Drawings of TRANS GUIDED SLIDING BEARING for MJB at chainage km. 336+810
5	08.08.2020	IRCON/ 3019/ VKE/ PATEL / 1886	Submission of Company Profile & Credentials of M/s JSW Steel Ltd. for approval of Steel
6	08.08.2020	IRCON/ 3019/ VKE/ PATEL / 1887	Submission of Company Profile & Credentials of M/s Kataria Industries Pvt. Limited for H.T. steel wire strands (Low Relaxation Prestressed Concrete Strands) and Pre-stressing material for source approval
7	08.08.2020	IRCON/ 3019/ VKE/ PATEL / 1888	Issues related to Quality & workmanship of ongoing works
8	08.08.2020	IRCON/ 3019/ VKE/ PATEL / 1889	Submission of proposal of Precast shoulder drain in aspect of value engineering as per NHAI Circular/Policy guideline dated 08.07.2020
9	08.08.2020	IRCON/ 3019/ VKE/ PATEL / 1890	Design & Drawings of POT PTFE FREE SLIDING BEARING & METALLIC GUIDE BEARING for MJB at Chainage km. 336+810
10	13.08.2020	IRCON/ 3019/ VKE/ PATEL / 1901	Submission of Company Profile & Credentials of M/s Kataria Industries Pvt. Limited for H.T. steel wire strands (Low Relaxation Prestressed Concrete Strands) and Pre-stressing material for source approval
11	13.08.2020	IRCON/ 3019/ VKE/ PATEL / 1902	Submission of proposal of Precast shoulder drain in aspect of value engineering as per NHAI Circular/Policy guideline dated 08.07.2020
12	13.08.2020	IRCON/ 3019/ VKE/ PATEL / 1903	Regarding Justification for PQC in two passes and Methodology for Paving PQC in two passes & panel arrangement drawing
13	13.08.2020	IRCON/ 3019/ VKE/ PATEL / 1904	PD Site Inspection on 30.07.2020 and issues related to General Quality and Workmanship in Package II
14	13.08.2020	IRCON/ 3019/ VKE/ PATEL / 1905	Submission of Initial Vertical pile load test for MJB at Ch. 336+810
15	13.08.2020	IRCON/ 3019/ VKE/ PATEL / 1906	Submission of joint inspection report on verification of structures locations on the Expressway
16	14.08.2020	IRCON/ 3019/ VKE/ PATEL / 1910	Closure of Non Conformance Report (NCR No : 06 & 07 ) Non Conformance Report (NCR) No. 006 & 007 (Reg. Pile cage rusting at ROB 352+946 & Damaged DLC)
17	14.08.2020	IRCON/ 3019/ VKE/ PATEL / 1911	Programme of Inspection on the Project Highway for the month of August 2020 and Monthly Review Meeting for August 2020
18	14.08.2020	IRCON/ 3019/ VKE/ PATEL / 1912	Submission of Detaild Drawing of Way side Amenities
19	17.08.2020	IRCON/ 3019/ VKE/ PATEL / 1914	Submission of Test Results of Borrow Area No. 67C & 67D.
20	17.08.2020	IRCON/ 3019/ VKE/ PATEL / 1915	Submission of detailed Design and Drawing of Precast Box Culvert
21	17.08.2020	IRCON/ 3019/ VKE/ PATEL / 1916	Submission of Design and Drawings of Interchange at Ch. 323+075
22	18.08.2020	IRCON/ 3019/ VKE/ PATEL / 1921	Shifting of various 220 KV & 400 KV Transmission lines of POWERGRID for the proposed Vadodara-Mumbai Eight Lane Expressway in the State of Gujarat.
23	18.08.2020	IRCON/ 3019/ VKE/ PATEL / 1922	Compliance for Submission of PQC Trial stretch report
24	19.08.2020	IRCON/ 3019/ VKE/ PATEL / 1923	Submission of Drawings of Elastomeric Bearing for MNB at Ch. 324+193 & MNB Ch 330+640
25	22.08.2020	IRCON/ 3019/ VKE/ PATEL / 1935	Shifting of High Tension Electrical Lines owned by GETCO for NHAI under deposit Scheme
26	22.08.2020	IRCON/ 3019/ VKE/ PATEL / 1934	Submission of Drawing & Estimate for shifting of Temple at Ch. 349+441 VOP approach road.
27	24.08.2020	IRCON/ 3019/ VKE/ PATEL / 1937	Providing Anchor Beam and Terminal Slab Adjoining approach Slab of Structures.
28	24.08.2020	IRCON/ 3019/ VKE/ PATEL / 1938	Submission of Factory visit report of M/s Hercules (SEA) SDN BHD for Source approval of Bridge Bearing and Expansion joints.
29	24.08.2020	IRCON/ 3019/ VKE/ PATEL / 1939	Submission of Factory visit report of M/s Hercules (SEA) SDN BHD for Source approval of Bridge Bearing and Expansion joints.
30	24.08.2020	IRCON/ 3019/ VKE/ PATEL / 1940	Source approval of M/s Vigyashree Sharoda Infrastructure Ltd (VSIL) for Bridge Bearing and Expansion joint source approval.
31	25.08.2020	IRCON/ 3019/ VKE/ PATEL / 1941	Shifting of various 220 KV & 400 KV Transmission lines of POWERGRID for the proposed Vadodara - Mumbai Eight Lane Expressway in the State of Gujarat.
32	26.08.2020	IRCON/ 3019/ VKE/ PATEL / 1945	Submission of proposal of Precast Shoulder Drain in aspect of value Engineering as per NHAI Circular/Policy Guidelines dated 08.7.2020.
33	26.08.2020	IRCON/ 3019/ VKE/ PATEL / 1946	Testing of Bearings Manufactured by M/s Hercules (SEA) SDN BHD through Video Conferencing.

## Details of Letter Correspondence From IRCON TO PIL

Sr.	Date	Letter Number	Subject
34	26.08.2020	IRCON/ 3019/ VKE/ PATEL / 1947	Submission of compliance on Company Profile & Credentials of M/s Kataria Industries Pvt. limited for HT steel Wire strands (Low Relaxation Prestressed Concrete Strands)and Prestressing material for source approval
35	26.08.2020	IRCON/ 3019/ VKE/ PATEL / 1948	Submission of Test Results of Borrow Area No. 3E, 8C, 8D, and 76B.
36	26.08.2020	IRCON/ 3019/ VKE/ PATEL / 1949	Shifting of EHT lines of POWERGRID & TORRENT
37	27.08.2020	IRCON/ 3019/ VKE/ PATEL / 1950	E mail ID for Official Correspondences
38	27.08.2020	IRCON/ 3019/ VKE/ PATEL / 1953	Submission of Methodology & detailed drawings for slope Protection.
39	27.08.2020	IRCON/ 3019/ VKE/ PATEL / 1954	Inspection Report of the Independent Engineer for the month of August 2020.
40	27.08.2020	IRCON/ 3019/ VKE/ PATEL / 1955	Submission of Test Results of Borrow Area No. 49E, 68D & 68E
41	28.08.2020	IRCON/ 3019/ VKE/ PATEL / 1960	Estimate for shifting / Modification of EHV Transmission Lines of 400 KV SUGEN - PIRANA Line.
42	28.08.2020	IRCON/ 3019/ VKE/ PATEL / 1961	Demand Note for ONGC, Ankleshwar Asset in r/o of oil well Karzan # 9 in Package II .
43	28.08.2020	IRCON/ 3019/ VKE/ PATEL / 1962	Shifting of various 220 KV & 400 KV Transmission lines of POWERGRID for the proposed Vadodara - Mumbai Eight Lane Expressway in the State of Gujarat.
44	28.08.2020	IRCON/ 3019/ VKE/ PATEL / 1963	Submission of Third Party Test Report of TATA Mundra Flyash for source approval
45	29.08.2020	IRCON/ 3019/ VKE/ PATEL / 1969	Justification for PQC in two passes and Methodology for Paving PQC in two passes & panel arrangement drawing
46	31.08.2020	IRCON/ 3019/ VKE/ PATEL / 1979	Submission of Company profile & Credentials of M/s JSW Steel Ltd. for approval of Steel.
47	31.08.2020	IRCON/ 3019/ VKE/ PATEL / 1980	Closure of Non Conformance Report (NCR No : 05 )
48	31.08.2020	IRCON/ 3019/ VKE/ PATEL / 1982	Submission of PQC Mix design with Sidhee/ Hathi Cement.

Identified Borrow Area

**Construction of Eight lane 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**

**CONCESSIONAIRE**  
**CONCESSIONAIRE**  
**INDEPENDENT ENGINEER**  
**EPC CONTRACTOR**

**: NATIONAL HIGHWAYS AUTHORITY OF INDIA**  
**: IRCON VADODARA KIM EXPRESSWAY LTD**  
**: M/s AARVEE ASSOCIATES**  
**: M/s Patel Infrastructure Ltd.**

B/A No.	RFI No.	Date OF Sampling	Date Of Testing	Survey No.	Village	Type of land	Area (Hec.)	Contractor Name	LOCATION	SIDE	Lead (Mtr)	Qty (Cumm)	No. of Pit	MDD	OMC	Gravel	Sand	Silt&Clay	LL	PI	FSI	CBR	Used For	REMARKS		
1	6	13.12.2018	23.01.2019	120	Sadad	Private	0.75.64	M/s ABCC Builders	336+000	RHS	0.5 Km	10500	7	1.830	11.69	4.31	28.67	67.02	32.98	12.43	28.64	-	Emb.	Approved		
1 (A)	119	01.03.2019	06.03.2019	120	Sadad	Private	0.75.64	M/s ABCC Builders	336+000	RHS	0.5 Km	10500	7	1.836	11.34	3.03	30.09	66.89	31.14	11.55	28.69	-	Emb.	Approved		
1 (B)	360	18.03.2019	19.03.2019	120	Sadad	Private	0.75.64	M/s ABCC Builders	336+000	RHS	0.5 Km	10500	7	1.834	11.21	3.60	32.8	63.6	32.3	12.1	22.33	-	Emb.	Approved		
1 (C)	579	29.03.2019	31.03.2019	120	Sadad	Private	0.75.64	M/s ABCC Builders	336+000	RHS	0.5 Km	10500	7	1.828	11.52	3.20	36.4	60.4	32.8	11.8	20.00	-	Emb.	Approved		
1 (D)	2251	12.04.2019	19.04.2019	120	Sadad	Private	0.75.64	M/s ABCC Builders	336+000	RHS	0.5 Km	10500	7	1.838	11.80	2.40	39.80	57.80	32.7	11.6	15.00	-	Emb.	Approved		
1 (E)	2251	12.04.2019	19.04.2019	120	Sadad	Private	0.75.64	M/s ABCC Builders	336+000	RHS	0.5 Km	10500	7	1.836	11.91	1.80	40.6	57.6	33.8	11.2	21.64	-	Emb.	Approved		
2	18	10.01.2019	29.01.2019	315	Goriyad	Suilam-Suflam	3.13.92	M/s Sukhvinder	346+800	RHS	0.1 Km	33000	22	1.880	11.66	3.55	27.64	68.86	31.15	12.54	26.59	6.21	Emb.	Approved		
2(A)	3272	22.06.2019	24.06.2019	315	Goriyad	Suilam-Suflam	3.13.92	M/s Sukhvinder	346+800	RHS	0.1 Km	33000	22	1.891	11.00	4.57	31.91	63.49	29.33	9.5	20.46	-	Emb.	Approved		
2(B)	10824	07.01.2020	12.01.2020	315	Goriyad	Suilam-Suflam	3.13.92	M/s Sukhvinder	346+800	RHS	0.1 Km	33000	22	1.839	12.50	4.30	37.40	58.30	28.68	9.61	17.35	6.16	Emb.	Approved		
2(C)	10824	07.01.2020	13.01.2020	315	Goriyad	Suilam-Suflam	3.13.92	M/s Sukhvinder	346+800	RHS	0.1 Km	33000	22	1.860	12.65	4.19	34.87	60.94	29.61	9.77	17.49	-	Emb.	Approved		
3	24	23.01.2019	02.02.2019	183	Mater	Suilam-Suflam	11.45.36	M/s Supernova	323+100	LHS	0.8 Km	94500	63	1.856	12.14	3.46	29.86	66.64	32.18	10.67	25.10	-	Emb.	Approved		
3 (A)	1097	15.04.2019	19.04.2019	183	Mater	Suilam-Suflam	11.45.36	M/s Supernova	323+100	LHS	0.8 Km	94500	63	1.873	12.13	4.52	33.99	61.54	30.64	10.71	19.55	8.70	S.G.	Approved		
3 (B)	2206	23.05.2019	19.04.2019	183	Mater	Suilam-Suflam	11.45.36	M/s Supernova	323+100	LHS	0.8 Km	94500	63	1.868	12.51	4.37	33.29	62.32	29.73	10.85	22.41	9.73	S.G.	Approved		
3 (C)	3783	24.07.2019	25.07.2019	183	Mater	Suilam-Suflam	11.45.36	M/s Supernova	323+100	LHS	0.8 Km	94500	63	1.869	12.11	3.76	35.63	60.00	29.89	10.42	21.65	11.94	S.G.	Approved		
3 (D)	11300	20.01.2020	03.02.2020	183	Mater	Suilam-Suflam	11.45.36	M/s Supernova	323+100	LHS	0.8 Km	94500	63	1.877	12.16	5.94	61.08	33.00	26.79	6.83	17.35	12.36	S.G.	Approved		
3 (E)	11443	24.01.2020	20.02.2020	183	Mater	Suilam-Suflam	11.45.36	M/s Supernova	323+100	LHS	0.8 Km	94500	63	1.880	12.25	5.42	62.58	32.00	27.25	6.35	16.67	-	Emb.	Submitted		
4	38	30.01.2019	13.02.2019	578	Surwada	Private	2.39	M/s Radhe Krishna	333+500	RHS	0.8 Km	41948	28	1.902	11.77	2.44	24.12	73.41	30.06	9.04	22.68	-	Emb.	Approved		
5																								Cancel		
6	7	12.02.2019	21.02.2019	594	Surwada	Private	0.60.12	M/s Radhe Krishna	334+250	LHS	0.4 Km	7500	6	1.895	11.34	2.70	23.72	73.58	31.45	10.09	23.83	-	Emb.	Approved		
6 (A)	125	02.03.2019	06.03.2019	594	Surwada	Private	0.60.12	M/s Radhe Krishna	334+250	LHS	400 mtr	7500	6	1.885	10.73	5.76	32.56	61.68	30.47	11.27	28.00	-	Emb.	Approved		
6 (B)	687	02.04.2019	19.04.2019	594	Surwada	Private	0.60.12	M/s Radhe Krishna	334+250	LHS	400 mtr	7500	6	1.881	10.64	3.63	32.27	64.1	29.30	10.09	18.33	-	Emb.	Approved		
6 (C)	2433	29.05.2019	10.06.2019	594	Surwada	Private	0.60.12	M/s Radhe Krishna	334+250	LHS	400 mtr	7500	6	1.886	10.58	4.08	30.68	65.23	29.16	10.11	19.73	5.97	Emb.	Approved		
7	8	12.02.2019	20.02.2019	386	Mater	Suilam-Suflam	0.98	M/s Supernova	323+000	LHS	2.0 Km	30000	20	1.880	11.44	5.97	32.17	61.86	31.186	11.541	28.75	-	Emb.	Approved		
8	174	09.03.2019	10.03.2019	722	Goriyad	Suilam-Suflam	1.00.00	M/s Sukhvinder	344+500	LHS	2.0 Km	15000	10	1.896	12.24	4.69	40.93	54.38	31.57	11.03	25.50	-	Emb.	Approved		
8(A)	2487	29.05.2019	11.06.2019	722	Goriyad	Suilam-Suflam	1.00.00	M/s Sukhvinder	344+500	LHS	2.0 Km	15000	10	1.885	12.25	3.84	35.24	60.92	30.12	10.04	19.50	-	Emb.	Approved		
8(B)	3028	13.06.2019	15.06.2019	722	Goriyad	Suilam-Suflam	1.00.00	M/s Sukhvinder	344+500	LHS	2.0 Km	15000	10	1.890	12.10	4.78	32.14	63.08	29.31	9.93	22.50	11.6	S.G.	Approved		
8(C)	12906	29.02.2020	12.03.2020	722	Goriyad	Suilam-Suflam	1.00.00	M/s Sukhvinder	344+500	LHS	2.0 Km	15000	10	1.892	12.24	3.33	34.70	61.97	28.89	9.75	18.33	-	Emb.	Submitted		
8(D)	12906	29.02.2020	12.03.2020	722	Goriyad	Suilam-Suflam	1.00.00	M/s Sukhvinder	344+500	LHS	2.0 Km	15000	10	1.879	12.10	3.53	38.32	58.15	28.16	9.67	20.50	-	Emb.	Submitted		
9	29	16.02.2019	22.02.2019	474	Sapa	Private	0.88.02	M/s A.R. Infra	325+000	LHS	1.5 Km	13500	9	1.860	10.89	5.20	34.97	59.84	30.35	12.83	27.96	-	Emb.	Approved		
9(A)	3823	26.07.2019	26.07.2019	474	Sapa	Private	0.88.02	M/s A.R. Infra	325+000	LHS	1.5 Km	13500	9	1.874	11.94	3.42	32.51	64.07	20.63	6.91	16.30	-	Emb.	Approved		
10	175	06.03.2019	08.03.2019	29,25,28	Surwada	Suilam-Suflam	5.12.00	M/s ABCC Builders	335+400	RHS	1.0 Km	45000	30	1.852	12.06	4.06	30.26	65.69	30.52	11.71	22.17	-	Emb.	Approved		
10 Ext.	1142(A)	16.04.2019	17.04.2019	29,25,28	Surwada	Suilam-Suflam	5.12.00	M/s ABCC Builders	335+400	RHS	1.0 Km	45000	30	1.850	12.10	3.39	39.11	57.50	28.87	9.32	21.50	-	Emb.	Approved		
10 (A)	1301	22.04.2019	02.06.2019	29,25,28	Surwada	Suilam-Suflam	5.12.00	M/s ABCC Builders	335+400	RHS	1.0 Km	90000	60	1.868	12.30	4.40	34.96	60.78	30.28	10.68	21.98	8.41	S.G.	Approved		
10 (B)	2207	23.05.2019	19.04.2019	29,25,28	Surwada	Suilam-Suflam	5.12.00	M/s ABCC Builders	335+400	RHS	1.0 Km	90000	60	1.860	12.27	3.90	34.54	61.21	29.54	9.56	20.08	9.99	S.G.	Approved		
10 (C)	3784	24.07.2019	26.07.2019	29,25,28	Surwada	Suilam-Suflam	5.12.00	M/s ABCC Builders	335+400	RHS	1.0 Km	90000	60	1.890	11.84	3.70	36.54	59.75	29.76	10.25	19.86	10.35	S.G.	Approved		
11																									Cancel	
12	47																									Cancel
13																										Cancel
14	60	22.02.2019	28.02.2019	45	Sadad	Private	0.71.61	M/s BGB Earthmover	337+800	LHS	60 mtr	10500	7	1.828	11.29	2.83	28.71	68.46	33.19	12.51	23.39	4.06	Emb.	Approved		
14 (A)	2208	23.05.2019	24.05.2019	45	Sadad	Private	0.71.61	M/s BGB Earthmover	337+800	LHS	60 mtr	10500	7	1.814	11.92	3.65	32.65	63.70	32.16	11.72	20.00	-	Emb.	Approved		
14 (B)	2353	27.05.2019	30.05.2019	45	Sadad	Private	0.71.61	M/s BGB Earthmover	337+800	LHS	60 mtr	10500	7	1.826	11.85	3.8	29.95	66.25	30.25	10.58	23.67	-	Emb.	Approved		
14 (C)	2484	29.05.2019	10.06.2019	45	Sadad	Private	0.71.61	M/s BGB Earthmover	337+800	LHS	60 mtr	10500	7	1.820	12.00	4.25	34.15	61.60	31.8	11.24	25.00	-	Emb.	Approved		
14(D)	2566	30.05.2019	12.06.2019	45	Sadad	Private	0.71.61	M/s BGB Earthmover	337+800	LHS	60 mtr	10500	7	1.830	11.50	4.68	32.58	62.74	32.5	12.1	20.00	-	Emb.	Approved		
14(E)	2658	31.05.2019	14.06.2019	45	Sadad	Private	0.71.61	M/s BGB Earthmover	337+800	LHS	60 mtr	10500	7	1.825	11.76	3.93	37.63	58.44	29.58	10.46	18.33	-	Emb.	Approved		
15	61	22.02.2019	03.03.2019	47	Sadad	Private	1.52.57	M/s BGB Earthmover	337+950	LHS	200 mtr	24000	16	1.826	11.03	5.50	33.57	60.92	32.82	11.60	29.00	-	Emb.	Approved		
16	64	23.02.2019	06.03.2019	81,82	Sadad	Private	1.582	M/s BGB Earthmover	336+950	RHS	780 mtr	24000	16	1.825	10.81	2.29	26.06	71.66	32.07	11.73	22.14	-	Emb.	Approved		
16 (A)	742	04.04.2019	19.04.2019	81,82	Sadad	Private	1.582	M/s BGB Earthmover	336+950	RHS	780 mtr	24000	16	1.831	11											

Identified Borrow Area

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 (Cummm)	No. of Pit	MDD	OMC	Gravel	Sand	Silt&Clay	LL	PI	FSI	CBR	Used For	REMARKS
28(D)	10175	21.12.2019	23.12.2019	86	Kanbha	Suilam-Suflam	2.36	M/s Sagar Infra	329+600	LHS	0.5 Km	30000	20	1.885	11.50	3.92	36.27	59.79	29.46	10.16	25.75	-	Emb.	Approved
29	743	04.04.2019	12.04.2019	110	Sadad	Private	0.84.03	M/s ABCC Builders	336+350	RHS	0.1 Km	10500	7	1.885	12.58	3.10	52.6	44.3	32.1	11.05	25.00	-	Emb.	Approved
29(A)	1098	12.04.2019	21.04.2019	110	Sadad	Private	0.84.03	M/s ABCC Builders	336+350	RHS	0.1 Km	10500	7	1.881	11.97	5.20	41.2	53.6	33.6	11.1	18.03	-	Emb.	Approved
29(B)	1176	17.04.2019	18.04.2019	110	Sadad	Private	0.84.03	M/s ABCC Builders	336+350	RHS	0.1 Km	10500	7	1.886	12.00	4.80	34.8	60.4	32.8	12.5	19.45	-	Emb.	Approved
29(C)	1176	18.04.2019	20.04.2019	110	Sadad	Private	0.84.03	M/s ABCC Builders	336+350	RHS	0.1 Km	10500	7	1.880	12.10	3.60	37.8	58.6	32.6	11.6	21.64	-	Emb.	Approved
29(D)	2326	26.05.2019	08.06.2019	110	Sadad	Private	0.84.03	M/s ABCC Builders	336+350	RHS	0.1 Km	10500	7	1.885	12.25	4.17	34.37	61.46	30.97	10.96	21.90	11.6	S.G.	Approved
29(E)	3798	25.07.2019		110	Sadad	Private	0.84.03	M/s ABCC Builders	336+350	RHS	0.1 Km	10500	7	1.885	12.25	4.17	34.37	61.46	30.97	10.96	21.90	11.6	S.G.	Approved
30	795	06.04.2019	15.04.2019	484	Sapa	Private	0.88.02	M/s A.R. Infra	327+800	RHS	0.3 Km	15000	10	1.855	12.53	3.34	26.56	70.1	29.52	11.97	20.67	-	Emb.	Approved
30(A)	2408	28.05.2019	09.06.2019	484	Sapa	Private	0.88.02	M/s A.R. Infra	327+800	RHS	0.3 Km	15000	10	1.878	12.2	3.77	40.12	56.11	28.13	9.06	18.33	-	Emb.	Approved
30(B)	2568	30.05.2019	12.06.2019	484	Sapa	Private	0.88.02	M/s A.R. Infra	327+800	RHS	0.3 Km	15000	10	1.876	11.86	2.82	36.66	60.52	28.63	9.93	19.34	-	Emb.	Approved
30(C)	2673	31.05.2019	15.06.2019	484	Sapa	Private	0.88.02	M/s A.R. Infra	327+800	RHS	0.3 Km	15000	10	1.880	12.16	5.69	33.84	60.47	28.48	9.51	22.33	-	Emb.	Approved
31	904	10.04.2019	27.04.2019	614	Padra	Suilam-Suflam	1.67.58	M/s World Earthmover	353+600	LHS	1.0 Km	45000	30	1.833	11.72	3.65	33.26	63.09	31.62	11.32	20	-	Emb.	Approved
32	945	11.04.2019	05.05.2019	474	Sapa	Suilam-Suflam	2.60	M/s A.R. Infra	326+300	RHS	0.2 Km	39375	26	1.860	12.36	4.76	33.26	61.98	32.1	11.28	18.03	-	Emb.	Approved
33	995	12.04.2019	28.04.2019	19	Padra	Suilam-Suflam	0.859	M/s Ashwani	348+400	LHS	0.4 Km	13500	9	1.850	12.85	4.46	34.73	60.83	30.33	10.91	20.37	12.83	S.G.	Approved
33(A)	3271	22.06.2019	23.06.2019	19	Padra	Suilam-Suflam	0.859	M/s Ashwani	348+400	LHS	0.4 Km	13500	9	1.847	12.69	3.77	35.91	60.32	29.11	10.01	18.7	9.51	S.G.	Approved
33(B)	3786	24.07.2019	02.08.2019	19	Padra	Suilam-Suflam	0.859	M/s Ashwani	348+400	LHS	0.4 Km	13500	9	1.878	12.32	5.16	33.42	61.42	18.73	6.72	17.78	12.57	S.G.	Approved
34	1142	16.04.2019	21.04.2019	121	Sadad	Private	0.78.89	M/s ABCC Builders	336+350	LHS	0.1 Km	12000	8	1.884	12.15	3.64	36.31	60.05	30.46	10.58	20.42	11.14	S.G.	Approved
34(A)	2410	28.05.2019	13.06.2019	121	Sadad	Private	0.78.89	M/s ABCC Builders	336+350	LHS	0.1 Km	12000	8	1.884	12.01	3.59	31.88	63.79	28.09	9.24	23.75	11.03	S.G.	Approved
34(B)	3147	15.06.2019	26.06.2019	121	Sadad	Private	0.78.89	M/s ABCC Builders	336+350	LHS	0.1 Km	12000	8	1.855	12.21	3.83	36.77	59.40	27.84	9.17	17.91	11.2	S.G.	Approved
34(C)	12765	26.02.2020	26.02.2020	121	Sadad	Private	0.78.89	M/s ABCC Builders	336+350	LHS	0.1 Km	6000	4	1.873	8.39	4.30	86.37	9.33	16.15	N.P.	-	-	Backfilling	Approved
35	1470	28.04.2019	01.05.2019	309	Chapad	Suilam-Suflam	1.15.62	M/s World Earthmover	352+200	RHS	0.7 Km	22500	15	1.882	11.91	3.42	38.34	58.24	29	9.29	23.05	-	Emb.	Approved
36	1545	02.05.2019	05.05.2019	309	Sadad	Private	0.50.150	M/s BGB Earthmover	336+500	LHS	0.4 Km	21375	14	1.860	12.67	4.50	33.5	62.00	31.10	11.52	27.67	13.37	S.G.	Approved
36(A)	3092	15.06.2019	18.06.2019	309	Sadad	Private	0.50.150	M/s BGB Earthmover	336+500	LHS	0.4 Km	21375	14	1.838	11.66	3.72	40.35	55.71	28.63	9.92	17.62	10.71	S.G.	Approved
36(B)	3248	21.06.2019	21.06.2019	309	Sadad	Private	0.50.150	M/s BGB Earthmover	336+500	LHS	0.4 Km	21375	14	1.854	11.58	3.77	39.91	56.32	29.11	9.08	11.95	11.23	S.G.	Approved
36(C)	12766	26.02.2020	26.02.2020	309	Sadad	Private	0.50.150	M/s BGB Earthmover	336+500	LHS	0.4 Km	6000	4	1.896	8.38	5.02	83.9	11.08	16.71	N.P.	-	-	Backfilling	Approved
37	1601	04.05.2019	09.05.19	485	Tajpura	Suilam-Suflam	2.85.59	M/s World Earthmover	354+500	LHS	5.0 Km	30000	20	1.835	11.37	3.90	36.58	59.51	29.06	10.72	20.67	-	Emb.	Approved
37(A)	6973	18.10.2019	06.11.2019	485	Tajpura	Suilam-Suflam	2.85.59	M/s World Earthmover	354+500	LHS	5.0 Km	30000	20	1.896	10.40	4.41	35.41	59.70	28.83	9.08	15.92	12.14	S.G.	Approved
38	1694	07.05.2019	18.05.2019	442	Aanqarqh	Suilam-Suflam	0.62.73	M/s World Earthmover	354+800	RHS	0.7 Km	30000	20	1.849	10.84	4.34	34.05	61.62	27.73	8.69	20.79	-	Emb.	Approved
39	1695	07.05.2019	23.05.2019	454	Ghayaj	Suilam-Suflam	2.75.05	M/s Ashwani	347+700	LHS	0.5 Km	45000	30	1.850	10.54	3.91	37.8	58.29	28.20	9.65	19.50	8.98	S.G.	Approved
40	1742	09.05.2019	14.05.2019	374	Patodh	Suilam-Suflam	3.49.13	M/s Ashwani	349+400	RHS	4.0 Km	45000	30	1.881	11.65	4.35	35.85	59.8	30.29	11.46	22.75	11.69	S.G.	Approved
40(A)	11295	20.01.2020	06.02.2020	374	Patodh	Suilam-Suflam	3.49.13	M/s Ashwani	349+400	RHS	4.0 Km	45000	30	1.897	12.28	3.02	57.7	40.09	28.43	9.15	18.89	12.18	S.G.	Approved
40(B)	11295	20.01.2020	08.02.2020	374	Patodh	Suilam-Suflam	3.49.13	M/s Ashwani	349+400	RHS	4.0 Km	45000	30	1.896	12.35	3.39	43.44	53.17	28.12	10.09	18.33	9.27	S.G.	Approved
40(C)	12510	20.02.2020	21.02.2020	374	Patodh	Suilam-Suflam	3.49.13	M/s Ashwani	349+400	RHS	4.0 Km	45000	30	1.882	12.11	3.27	42.20	54.57	28.2	8.45	22.5	9.64	S.G.	Approved
40(D)	12640	23.02.2020	04.03.2020	374	Patodh	Suilam-Suflam	3.49.13	M/s Ashwani	349+400	RHS	4.0 Km	45000	30	1.873	12.23	4.5	33.00	58.69	28.48	9.1	15.92	-	Emb.	Submitted
41	1743	09.05.2019	12.05.19	115	SANPA	Suilam-Suflam	2.02.01	M/s Supernova	326+000	RHS	0.5 Km	30000	20	1.852	11.29	4.02	38.61	57.38	29.7	9.95	20.33	-	Emb.	Approved
41(A)	2660	31.05.2019	11.06.2019	115	SANPA	Suilam-Suflam	2.02.01	M/s Supernova	326+000	RHS	0.5 Km	30000	20	1.850	11.48	3.34	36.5	60.17	30.37	10.84	20.5	-	Emb.	Approved
42	1857	13.05.2019							348+300	RHS	0.5 Km													Cancel
43	1858	13.05.2019			Varadha	Suilam-Suflam	1.57.11	M/s Katyayni	344+000	LHS	7.0 Km													Cancel
44	1935	15.05.2019	04.06.2019	183	Khamda	Private	0.85.62	M/s Katyayni	340+750	RHS	0.8 Km	30000	20	1.850	12.10	3.74	30.62	65.64	30.00	10.25	17.25	-	Emb.	Approved
45	2097	20.05.2019	31.05.2019	348	Husepur	Private	0.82.45	M/s BGB Earthmover	338+500	LHS	0.5 Km	49500	33	1.863	12.1	4.14	34.6	61.25	29.85	10.77	19.86	-	Emb.	Approved
45(A)	3093	15.06.2019	16.06.2019	348	Husepur	Private	0.82.45	M/s BGB Earthmover	338+500	LHS	0.5 Km	49500	33	1.870	12	3.93	34.82	61.23	28.83	9.69	19.04	-	Emb.	Approved
45(B)	3249	21.06.2019	29.06.2019	348	Husepur	Private	0.82.45	M/s BGB Earthmover	338+500	LHS	0.5 Km	49500	33	1.861	11.49	3.07	37.32	59.28	29.31	10.48	18.18	-	Emb.	Approved
46	2327	26.05.2019	28.05.2019	307	Sadad	Private	0.51.15	M/s BGB Earthmover	337+720	RHS	0.5 Km	49500	33	1.841	11.35	4.14	36.12	59.52	29.86	10.77	19.34	10.18	S.G.	Approved
46(A)	3094	15.06.2019	16.06.2019	307	Sadad	Private	0.51.15	M/s BGB Earthmover	337+720	RHS	0.5 Km	49500	33	1.852	11.74	4.01	33.13	62.98	28.55	9.49	21.92	10.96	S.G.	Approved
46(B)	12767	26.02.2020	26.02.2020	307	Sadad	Private	0.51.15	M/s BGB Earthmover	337+720	RHS	0.5 Km	3000	2	1.885	8.5	5.00	83.40	11.60	15.74	N.P.	-	-	Backfilling	Approved
47	2486	29.05.2019	14.05.2019	210	Husepur	Private	0.46.48	M/s BGB Earthmover	338+500	RHS	0.8 Km	30000	20	1.867	10.70	3.87	34.99	61.08	28.66	9.5	19.92	12.39	S.G.	Approved
47(A)	3146	17.06.2019	20.06.2019	210	Husepur	Private	0.46.48	M/s BGB Earthmover	338+500	RHS	0.8 Km	30000	20	1.874	12.82	3.								

Identified Borrow Area

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 (Cummm)	No. of Pit	MDD	OMC	Gravel	Sand	Silt&Clay	LL	PI	FSI	CBR	Used For	REMARKS
56(B)	10085	19.12.2019	24.12.2019	241	Kamola	Private	1.20.59	M/s Banraj Construction	326+500	RHS	2.0 km	15000	10	1.844	12.37	2.52	31.64	65.84	29.92	9.87	19.17	-	Emb.	Approved
56(C)	10321	24.12.2019	29.12.2019	241	Kamola	Private	1.20.59	M/s Banraj Construction	326+500	RHS	2.0 km	15000	10	1.868	11.50	3.41	36.45	60.30	28.17	9.13	17.67	-	Emb.	Approved
56(D)	10321	24.12.2019	29.12.2019	241	Kamola	Private	1.20.59	M/s Banraj Construction	326+500	RHS	2.0 km	15000	10	1.857	12.00	3.60	31.1	65.30	29.57	9.73	17.66	-	Emb.	Approved
56(E)	10747	05.01.2020	06.01.2020	241	Kamola	Private	1.20.59	M/s Banraj Construction	326+500	RHS	2.0 km	15000	10	1.862	11.85	3.01	36.99	60.00	28.81	9.15	19.75	-	Emb.	Approved
57	9131	24.11.2019	27.11.2019	249	Amla	Private	0.87.16	M/s BGB Earthmover	340+200	LHS	100 mtr	15000	10	1.846	12.24	2.6	30.4	67	30.2	10.28	18.46	3.84	Emb.	Approved
57(A)	10084	19.12.2019	06.01.2020	249	Amla	Private	0.87.16	M/s BGB Earthmover	340+200	LHS	100 mtr	15000	10	1.825	11.7	3.38	31.48	64.69	30.23	10.06	16.5	-	Emb.	Approved
57(B)	10084	19.12.2019	06.01.2020	249	Amla	Private	0.87.16	M/s BGB Earthmover	340+200	LHS	100 mtr	15000	10	1.845	11.8	4.65	33.52	61.83	29.64	9.95	22	-	Emb.	Approved
58	9132	24.11.2019	14.12.2019	19	Darapura	Private	0.98.70	M/s Ashwani	348+500	RHS	5.0 Km	12000	8	1.857	10.57	3.64	33.36	63.00	28.95	9.16	20	3.64	Emb.	Approved
58(A)	10178	21.12.2019	11.01.2020	19	Darapura	Private	0.98.70	M/s Ashwani	348+500	RHS	5.0 Km	12000	8	1.884	12.39	3.22	35.92	60.86	29.89	9.86	16.87	-	Emb.	Approved
58(B)	10178	21.12.2019	13.01.2020	19	Darapura	Private	0.98.70	M/s Ashwani	348+500	RHS	5.0 Km	12000	8	1.850	12.75	2.86	37.39	59.75	29.66	9.5	17.6	-	Emb.	Approved
58(C)	12593	22.02.2020	09.03.2020	19	Darapura	Private	0.98.70	M/s Ashwani	348+500	RHS	5.0 Km	12000	8	1.880	12.22	3.15	38.51	58.34	28.56	9.12	15.25	-	Emb.	Submitted
58(D)	12593	22.02.2020	09.03.2020	19	Darapura	Private	0.98.70	M/s Ashwani	348+500	RHS	5.0 Km	12000	8	1.891	12.37	3.40	36.4	60.20	28.54	9.51	15.67	-	Emb.	Submitted
59	9548	04.12.2019	06.12.2019	45	Sadad	Private	0.71.61	M/s BGB Earthmover	337+870	LHS	0.4 Km	7500	5	1.842	12.37	3.42	36.36	60.22	29.5	9.51	18.66	2.42	Emb.	Approved
59(A)	9548	04.12.2019	06.12.2019	45	Sadad	Private	0.71.61	M/s BGB Earthmover	337+870	LHS	0.4 Km	7500	5	1.84	12.07	3.78	36	60.22	29.38	10.63	20	-	Emb.	Approved
59(B)	10179	21.12.2019	02.01.2020	45	Sadad	Private	0.71.61	M/s BGB Earthmover	337+870	LHS	0.4 Km	7500	5	1.891	12.45	3.56	40.97	55.47	29.44	10.06	16.33	-	Emb.	Approved
59(C)	10179	21.12.2019	02.01.2020	45	Sadad	Private	0.71.61	M/s BGB Earthmover	337+870	LHS	0.4 Km	7500	5	1.857	12.51	3.44	33.82	62.74	29.25	9.65	19.00	-	Emb.	Approved
60	9663	07.12.2019	09.12.2019	194	Amla	Private	0.95.38	M/s BGB Earthmover	340+800	RHS	100 mtr	13500	9	1.847	12.4	3.7	34.5	61.80	29.34	9.86	17.78	4.09	Emb.	Approved
60(A)	10180	21.12.2019	25.12.2019	194	Amla	Private	0.95.38	M/s BGB Earthmover	340+800	RHS	100 mtr	13500	9	1.862	11.75	4.04	31.62	64.34	29.03	9.53	14.59	6.75	Emb.	Approved
60(B)	10180	21.12.2019	25.12.2019	194	Amla	Private	0.95.38	M/s BGB Earthmover	340+800	RHS	100 mtr	13500	9	1.870	12.40	3.57	31.61	64.82	28.83	9.57	13.52	-	Emb.	Approved
60(C)	10753	05.01.2020	06.01.2020	194	Amla	Private	0.95.38	M/s BGB Earthmover	340+800	RHS	100 mtr	13500	9	1.875	12.25	3.6	35.39	61.01	28.64	8.96	19.96	-	Emb.	Approved
60(D)	10753	05.01.2020	06.01.2020	194	Amla	Private	0.95.38	M/s BGB Earthmover	340+800	RHS	100 mtr	13500	9	1.865	12.00	3.33	36.99	59.68	28.78	9.21	19.26	-	Emb.	Approved
60(E)	12361	16.02.2020	28.02.2020	194	Amla	Private	0.95.38	M/s BGB Earthmover	340+800	RHS	100 mtr	13500	9	1.888	12.35	3.42	32.6	63.98	29.15	8.95	16.67	-	Emb.	Approved
61	9773	13.12.2019	14.12.2019	370	Shihor	Private	8.96.83	Rudra Enterprises	348+400	RHS	8.0 Km	25875	17	1.869	12.90	4.23	31.94	63.84	29.68	9.33	20.84	-	Emb.	Approved
62	10086	19.12.2019	21.12.2019	190	Riyapura	Private	1.57.83	Piyush Parik	351+800	LHS	10.0 KM	21375	14	1.875	12.55	3.84	40.66	55.53	29.57	10.13	15.86	-	Emb.	Approved
62(A)	11601	28.01.2020	02.02.2020	190	Riyapura	Private	1.57.83	Piyush Parik	351+800	LHS	10.0 KM	21000	14	1.915	12.31	4.1	38.4	57.50	28.85	9.75	16.33	-	Emb.	Approved
62(B)	11601	28.01.2020	02.02.2020	190	Riyapura	Private	1.57.83	Piyush Parik	351+800	LHS	10.0 KM	21000	14	1.890	12.25	3.95	39.4	56.65	28.6	9.8	17.58	-	Emb.	Approved
63	10130	20.12.2019	23.12.2019	444	Sanpa	Private	0.70.28	M/s Banraj Construction	327+000	RHS	0.6 Km	6188	4	1.886	12.62	4.65	31.05	64.30	29.43	10.3	16.67	-	Emb.	Approved
63(A)	10130	20.12.2019	24.12.2019	444	Sanpa	Private	0.70.28	M/s Banraj Construction	327+000	RHS	0.6 Km	6188	4	1.902	12.15	4.08	30.75	64.98	29.29	9.95	16.91	-	Emb.	Approved
63(B)	10130	20.12.2019	26.12.2019	444	Sanpa	Private	0.70.28	M/s Banraj Construction	327+000	RHS	0.6 Km	6188	4	1.885	12.40	4.95	34.88	60.18	29.28	9.14	20.42	-	Emb.	Approved
64	10175	21.12.2019																						Cancel
65	10320	24.12.2019	24.12.2019	364	Shihor	Private	0.95.79	Rudra Enterprises	351+400	RHS	12.5 KM	10500	7	1.887	12.35	5.79	28.81	65.40	29.34	9.85	16.9	-	Emb.	Approved
65(A)	10320	24.12.2019	27.12.2019	364	Shihor	Private	0.95.79	Rudra Enterprises	351+400	RHS	12.5 KM	10500	7	1.851	12.40	3.81	36.16	60.03	29.53	10.07	18.33	-	Emb.	Approved
65(B)	10751	05.01.2020	07.01.2020	364	Shihor	Private	0.95.79	Rudra Enterprises	351+400	RHS	12.5 KM	10500	7	1.865	12.28	4.19	36.25	59.28	28.8	8.96	18.33	-	Emb.	Approved
65(C)	10751	05.01.2020	08.01.2020	364	Shihor	Private	0.95.79	Rudra Enterprises	351+400	RHS	12.5 KM	10500	7	1.872	12.35	3.93	34.91	61.16	28.9	9.15	17.38	-	Emb.	Approved
66	10322	24.12.2019	28.12.2019	121	Sadad	Private	1.08.72	M/s ABCC Builders	336+350	RHS	0.9 Km	15000	10	1.860	11.30	3.15	32.27	64.58	28.81	9.34	19.5	-	Emb.	Approved
66(A)	10322	24.12.2019	29.12.2019	121	Sadad	Private	1.08.72	M/s ABCC Builders	336+350	RHS	0.9 Km	15000	10	1.883	10.60	4.33	39.22	56.45	29.7	10.16	16.38	4.76	Emb.	Approved
67	10323	24.12.2019	28.12.2019	148	Manpur	Private	2.79.07	M/s ABCC Builders	335+400	RHS	2.0 KM	22500	15	1.897	11.81	3.88	64.76	31.29	29.51	8.57	18.67	6.27	Emb.	Approved
67A	10323	24.12.2019	30.12.2019	148	Manpur	Private	2.79.07	M/s ABCC Builders	335+400	RHS	2.0 KM	22500	15	1.885	11.90	8.97	58.00	33.03	25.93	5.40	19.44	11.66	S.G.	Approved
67EX.	11856	04.02.2020	05.02.2020	148	Manpur	Private	2.79.07	M/s ABCC Builders	335+400	RHS	2.0 KM	22500	15	1.892	12.15	4.13	36.08	59.72	29.02	9.66	14.31	10.17	S.G.	Approved
67(A)EX.	11856	04.02.2020	05.02.2020	148	Manpur	Private	2.79.07	M/s ABCC Builders	335+400	RHS	2.0 KM	22500	15	1.882	12.48	4.00	40.13	55.91	25.77	9.35	18.56	9.99	S.G.	Approved
67(B)	11857	04.02.2020	27.02.2020	148	Manpur	Private	2.79.07	M/s ABCC Builders	335+400	RHS	2.0 KM	45000	30	1.883	12.35	3.45	36.43	60.14	27.83	9.17	17.01	10.42	S.G.	Approved
67(C)	11857	04.02.2020	29.02.2020	148	Manpur	Private	2.79.07	M/s ABCC Builders	335+400	RHS	2.0 KM	45000	30	1.890	12.35	4.56	45.65	49.79	28.15	8.35	16.67	-	Emb.	Approved
67(D)	12641	23.02.2020	05.03.2020	148	Manpur	Private	2.79.07	M/s ABCC Builders	335+400	RHS	2.0 KM	44477	30	1.892	12.10	4.5	57.1	38.40	28.47	8.26	15.11	-	Emb.	Approved
67(E)	12641	23.02.2020	14.03.2020	148	Manpur	Private	2.79.07	M/s ABCC Builders	335+400	RHS	2.0 KM	45000	30	1.879	12.11	3.34	61.39167	35.27	26.89733333	8.04	17.75	10.60	S.G.	Submitted
68	10452	27.12.2019	31.12.2019	242	Shuhodra	Private	3.62.50	Dwarkesh	328+000	LHS	0.5 KM	54000	36	1.866	12.18	4.12	35.01	60.87	28.98	9.79	19.95	7.06	Emb.	Approved
68(A)	10452	27.12.2019	11.01.2020	242	Shuhodra	Private	3.62.50	Dwarkesh	328+000	LHS	0.5 KM	54000	36	1.850	12.45	3.46	30.45	66.09	29.09	9.74	20.08	-	Emb.	Approved
68(B)	11299	20.01.2020	22.01.2020	242	Shuhodra	Private	3.62.50	Dwarkesh	328+000	LHS	0.5 KM	54000	36	1.856	12.34	3.58	32.65	63.77	28.65	9.4	18.75	-	Emb.	Approved
68(C)	11299	20.01.2020	23.01.2020	242	Shuhodra	Private	3.62.50	Dwarkesh	328+000	LHS	0.5 KM	54000	36	1.870	12.22	3.35	36.22	60.30	29.05	9.53	17.41	-	Emb.	Approved
68(D)	12547	21.02.2020	16.03.2020	242	Shuhodra	Private	3.62.50	Dwarkesh	328+000	LHS	0.5 KM	54000	36	1.880	12.24	3.35	35.48722	61.16	29.04	9.53	17.60	-	Emb.	Submitted
68(E)	12547	21.02.2020	18.03.2020	242	Shuhodra	Private	3.62.50	Dwarkesh	328+000	LHS	0.5 KM	54000	36	1.865	12.33	3.47	30.61	65.93	29.11	9.72	20.09	-	Emb.	Submitted
69	10867	08.01.2020	16.01.2020	193	Sapa	Private	2.78.39	Baba Ramdev	327+400	RHS	300 mtr.	42075	28	1.859	12.82	3.7	40.38	55.23	29.67	9.27	18.28	4.42	Emb.	Approved
69(A)	10867	08.01.2020	21.01.2020	193	Sapa	Private	2.78.39	Baba Ramdev	327+400	RHS	300 mtr.	42075	28	1.857	12.47	3.88	32.06	63.90	29.51	9.8	16.85	-	Emb.	Approved
70																								

Identified Borrow Area

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	Used For	REMARKS
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	25.02.2020	560	Sanpa	Private	2.00.57	M/s Radhe Krishna	324+300	LHS	600 mtr	15000	10	1.878	12.28	4.07	29.137	66.79	29.7	8.50	17.25	-	Emb.	To be Submitted
81D	13748	16.05.2020	19.05.2020	560	Sanpa	Private	2.00.57	M/s Radhe Krishna	324+300	LHS	600 mtr	15000	10	1.873	12.27	3.31	36.87	59.82	28.02	8.66	19.50	-	Emb.	To be Submitted
81E	13748	16.05.2020	19.05.2020	560	Sanpa	Private	2.00.57	M/s Radhe Krishna	324+300	LHS	600 mtr	15000	10	1.874	12.22	2.934	36.089	60.98	27.755	7.61	18.70	-	Emb.	To be Submitted
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	8.90	19.19	9.89	S.G.	Approved
82(A)	12360	16.02.2020	14.03.2020	367	Sanpa	Private	0.99.61	Dwarkesh	324+900	RHS	400 mtr	10500	7	1.874	12.13	3.70	36.08571	60.21	29.86	8.07	19.64	9.74	S.G.	To be Submitted
82(B)	13749	16.05.2020	18.05.2020	367	Sanpa	Private	0.99.61	Dwarkesh	324+900	RHS	400 mtr	10500	7	1.865	12.08	3.30	36.01	60.69	28.34	7.93	19.29	-	Emb.	To be Submitted
82(C)	13749	16.05.2020	18.05.2020	367	Sanpa	Private	0.99.61	Dwarkesh	324+900	RHS	400 mtr	10500	7	1.877	12.15	3.16	33.78	63.07	26.43	8.10	19.64	-	Emb.	To be Submitted
83	12507	20.02.2020	23.02.2020	9	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.	Approved
83A	12507	20.02.2020	25.02.2020	9	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	Private		M/s BGB Earthmover	341+700	LHS	0.5 Km	6188	4	1.874	10.32	2.86	34.14	63.00	28.7	8.95	19.58	-	Emb.	Approved
84A	12764	26.02.2020	27.02.2020	728	Khamda	Private		M/s BGB Earthmover	341+700	LHS	0.5 Km	6188	4	1.867	12.15	4.04	35.15	60.81	27.3	7.87	19.17	-	Emb.	Approved
85	13704	11.05.2020	13.05.2020	266	Padra	Private	0.69.94	M/s Katyayni	344+400	RHS	6.0 Km	15000	10	1.870	13.28	3.79	28.44	67.77	29.37	8.64	21.75	-	Emb.	To be Submitted
85A	13704	11.05.2020	14.05.2020	266	Padra	Private	0.69.95	M/s Katyayni	344+400	RHS	6.0 Km	15000	10	1.877	12.24	3.41	33.82	62.77	27.23	7.83	19.00	-	Emb.	To be Submitted
86	13705	11.05.2020	13.05.2020	63	Khamda	Private	0.43.55	M/s BGB Earthmover	342+200	RHS	100 mtr	10500	7	1.868	12.20	2.94	32.97	64.09	27.6	7.23	15	7.13	Emb.	To be Submitted
86A	13705	11.05.2020	14.05.2020	63	Khamda	Private	0.43.55	M/s BGB Earthmover	342+200	RHS	100 mtr	10500	7	1.878	12.60	2.88	35.84	61.28	0.08	8.05	20		Emb.	To be Submitted
87	13750	16.05.2020	19.05.2020	351	Mangrol	Sujlam-Suflam	1.49.08	Krishna Construction	325+769	RHS	1 KM	12000	8	1.920	11.19	3.13	68.84	28.04	24.98	7.78	17.08	12.74	S.G.	Approved
87	13773	20.05.2020	23-05-20	115	Hinglot	Sujlam-Suflam		Piyush Parik	354+800	RHS	7.0 Km	10500	7	1.865	12.10	3.95	32.64	63.41	28.4	8.15	20		Emb.	To be Submitted
88A	13798	22.05.2020	24.05.2020	115	Hinglot	Sujlam-Suflam		Piyush Parik	354+800	RHS	7.0 Km	10500	7	1.878	12.45	3.80	40.00	56.20	27.45	8.12	16.67		Emb.	To be Submitted
88B	13798	22.05.2020	24.05.2020	115	Hinglot	Sujlam-Suflam		Piyush Parik	354+800	RHS	7.0 Km	10500	7	1.872	12.1	3.34	32.73	63.93	27.74	8.19	19.29		Emb.	To be Submitted
89	13772	20.05.2020	23-05-20	756	Ghayaj	Sujlam-Suflam		M/S Ashwani	348+000	LHS	2.5 KM	15000	10	1.875	11.80	4.4	48.47	47.13	27.16	9.24	16.33	12.68	S.G.	To be Submitted
89A	13797	22.05.2020	25.05.20	756	Ghayaj	Sujlam-Suflam		M/S Ashwani	348+000	LHS	2.5 KM	15000	10	1.894	12.59	4.5	41.2	54.3	28.5	8.64	17.5		Emb.	To be Submitted
89B	13797	22.05.2020	26.05.20	756	Ghayaj	Sujlam-Suflam		M/S Ashwani	348+000	LHS	2.5 KM	15000	10	1.891	12.42	4.3	40.6	55.1	29.42	8.55	16.33		Emb.	To be Submitted
90	13871	01.06.2020	04-06-20			Private		M/s BGB Earthmover	340+400	RHS	2.5km	22500	15	1.848	12.05	3.64	34.26	62.1	26.4	8.12	18.33		Emb.	To be Submitted
90A	13871	01.06.2020	15.06.20			Private		M/s BGB Earthmover	340+400	RHS	2.5km	22500	15	1.86	12.17	2.64	37	60.36	27.2	8.04	16.68		Emb.	To be Submitted
90B	13979	12.06.2020	16.06.2020			Private		M/s BGB Earthmover	340+400	RHS	2.5km	22500	15	1.856	12.13	3.15	34.98	61.87	28.2	8.5	18.33		Emb.	To be Submitted
90C	13979	12.06.2020	17.06.2020			Private		M/s BGB Earthmover	340+400	RHS	2.5km	22500	15	1.835	12	3.05	33.6	60.5	27.54	8.03	16.67		Emb.	To be Submitted
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	1.89	11.92	2.88	32.22	64.9	28.04	7.84	18.33		Emb.	To be Submitted
91A	13901	04.06.2020	09.06.20	34,35,36,37	Shihor	Private	3.36.31	Rudra Enterprises	351+600	RHS	12.0 Km	30000	15	1.889	11.76	3.12	34.16	62.45	27.84	8.02	20		Emb.	To be Submitted
92	13978	12.06.2020	15.06.20	369	Shihor	Private	01.97.02	Rudra Enterprises	348+400	LHS	2.0 Km	9000	6	1.902	12.26	2.77	33.87	63.34	27.12	8.32	18.33		Emb.	To be Submitted
92A	13978	12.06.2020	16.06.20	369	Shihor	Private	01.97.02	Rudra Enterprises	348+400	LHS	2.0 Km	9000	6	1.895	12.16	2.9	33.94	63.16	28.08	7084	16.67		Emb.	To be Submitted
93	13909	05.06.2020	07.06.20	496	Ghayaj	Private	02.75.05	M/S Ashwani	348+000	LHS	3.5 Km	22500	15	1.913	11.69	1.59	77.91	20.5	16.42	0	18.33	11.74	Emb.	To be Submitted
93A	13909	05.06.2020	11.06.20	496	Ghayaj	Private	02.75.05	M/S Ashwani	348+000	LHS	3.5 Km	22500	15	1.828	12.19	2.02	77.86	20.12	18.12	0	16.67	12.91	Emb.	To be Submitted

**Total Qty. 7501791**  
**Approved & Submitted Qty 7045603**  
**TO BE Submit 456188**

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 August-2020**

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

S. No.	DATE	TEMPERATURE (°C)		HUMIDITY (%)		RAINFALL (mm)	CUMMULATIVE RAINFALL (mm)	WEATHER	REMARKS
		Min.	Max.	Min.	Max.				
1	01-Aug-20	28.5	34.0	72.00	99.00		451.20	Cloudy	
2	02-Aug-20	30.1	35.9	59.00	90.00		451.20	Cloudy	
3	03-Aug-20	29.6	36.0	58.00	89.00		451.20	Cloudy	
4	04-Aug-20	29.8	36.1	54.00	95.00	15.00	466.20	Cloudy	
5	05-Aug-20	28.2	35.9	52.00	94.00	22.00	488.20	Cloudy	
6	06-Aug-20	28.2	36.1	54.00	97.00	13.00	501.20	Cloudy	
7	07-Aug-20	28.1	36.0	54.00	99.00	15.00	516.20	Cloudy	
8	08-Aug-20	27.5	35.8	52.00	98.00	13.00	529.20	Cloudy	
9	09-Aug-20	27.4	36.1	54.00	99.00	36.00	565.20	Cloudy	
10	10-Aug-20	27.5	35.9	56.00	99.00	22.00	587.20	Cloudy	
11	11-Aug-20	27.0	33.2	59.00	98.00	15.00	602.20	Cloudy	
12	12-Aug-20	27.2	32.4	52.00	99.00	62.00	664.20	Rainy	
13	13-Aug-20	26.4	30.8	54.00	99.00	85.00	749.20	Rainy	
14	14-Aug-20	26.5	30.6	52.00	99.00	73.00	822.20	Rainy	
15	15-Aug-20	26.0	29.4	62.00	99.00	69.00	891.20	Rainy	
16	16-Aug-20	26.5	30.6	58.00	98.00	22.00	913.20	Rainy	
17	17-Aug-20	26.6	31.8	54.00	99.00	25.00	938.20	Rainy	
18	18-Aug-20	27.1	33.2	57.00	98.00	3.00	941.20	Cloudy	
19	19-Aug-20	27.0	32.6	54.00	99.00	18.00	959.20	Cloudy	
20	20-Aug-20	27.2	32.8	68.00	99.00	22.00	981.20	Cloudy	
21	21-Aug-20	27.5	33.2	68.00	99.00	5.00	986.20	Cloudy	
22	22-Aug-20	26.8	33.0	67.00	99.00	35.00	1,021.20	Cloudy	
23	23-Aug-20	26.4	32.8	68.00	99.00	12.00	1,033.20	Cloudy	
24	24-Aug-20	26.6	33.0	62.00	97.00		1,033.20	Cloudy	
25	25-Aug-20	26.8	33.2	68.00	99.00	3.00	1,036.20	Cloudy	
26	26-Aug-20	26.8	32.8	62.00	96.00		1,036.20	Cloudy	
27	27-Aug-20	26.4	32.4	67.00	98.00		1,036.20	Cloudy	
28	28-Aug-20	26.8	33.6	67.00	99.00	2.00	1,038.20	Cloudy	
29	29-Aug-20	26.2	32.2	65.00	99.00	12.00	1,050.20	Rainy	
30	30-Aug-20	26.2	31.8	67.00	99.00	52.00	1,102.20	Rainy	
31	31-Aug-20	26.7	31.4	61.00	91.00	2.00	1,104.20	Cloudy	

Cumulative Rainfall Till Date

1,104.20 mm

*Pro Ho g*  
*PK Mahesh*  
*PIE*  
EPC Representative

*C. Sankar Kumar*  
*DGM/C*  
Concessionaire Representative

*Dear*  
*20/8/20*  
*11/10/20*  
IE Representative



**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 AUGUST -2020**

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	

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	

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	

*[Signature]*  
EPC Representative

*[Signature]*  
C. Sankar Kumar  
DGM/C  
Concessionaire Representative

*[Signature]*  
IE Representative

**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 AUGUST -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	4563	4446	0	0	0	0	0	4563	4446	0	Frequency of testing is as per specification
2	LL/PI	4563	4446	0	0	0	0	0	4563	4446	0	
3	Sand Content (GSA)	4563	4446	0	0	0	0	0	4563	4446	0	
4	Free Swell Index	4563	4563	0	0	0	0	0	4563	4563	0	
5	C.B.R	846	787	59	0	0	0	0	846	787	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	388	380	8	0	0	0	0	388	380	8	
3	LL/PI	352	352	0	0	0	0	0	352	352	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	

*Pratik PTL*  
EPC Representative

*C. Santal Kumar DGMC*  
Concessionaire Representative

*Deep*  
IE Representative



**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 AUGUST -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	14	14	0	0	0	0	14	14	0		
3	LL/PI	14	14	0	0	0	0	14	14	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

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	0	
	28 days	0	0	0	0	0	0	0	0	0	0	
2	M-15 Concrete											
	7 Days	0	0	0	0	0	0	0	0	0	0	
	28 days	0	0	0	0	0	0	0	0	0	0	
3	M-20 Concrete											
	7 Days	863	863	0	5	5	0	3	868	868	0	
	28 days	1986	1986	0	2	2	0	1	1988	1988	0	
4	M-25 Concrete											
	7 Days	0	0	0	0	0	0	0	0	0	0	
	28 days	0	0	0	0	0	0	0	0	0	0	

*[Signature]*  
EPC Representative

*[Signature]*  
C. Sauthekar  
DGM/C  
Concessionaire Representative

*[Signature]*  
IE Representative

**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 AUGUST -2020**

5	M-30 Concrete										
	7 Days	647	647	0	11	11	0	8	658	658	0
	28 days	2328	2328	0	47	47	0	24	2375	2375	0
6	M-35 (Pile)										
	7 Days	938	938	0	14	14	0	6	952	952	0
	28 days	4893	4893	0	122	122	0	58	5015	5015	0
7	M-35 (RCC)										
	7 Days	1214	1214	0	18	18	0	12	1232	1232	0
	28 days	4714	4714	0	58	58	0	36	4772	4772	0
8	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
9	M-40 Concrete										
	7 Days	60	60	0	9	9	0	4	69	69	0
	28 days	168	168	0	27	27	0	18	195	195	0
10	M-45 Concrete										
	7 Days	23	23	0	0	0	0	0	23	23	0
	28 days	110	110	0	12	12	0	7	122	122	0
11	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
12	End Block(GP2)	0	0	0	0	0	0	0	0	0	0
13	DLC Concrete										
	07 days	216	216	0	7	7	0	4	223	223	0
14	PQC (M-40)										
	7 Days	9	9	0	7	7	0	5	9	9	0
	28 days	0	0	0	26	26	0	22	26	26	0
	Beam										
	7 Days	9	9	0	7	7	0	5	9	9	0
	28 days	0	0	0	26	26	0	22	0	0	0

*PK Mohan*  
EPC Representative

*C. Sathya Kumar*  
DGM/C  
Concessionaire Representative

*Aravind*  
A. S. S.

IE Representative



Eight-laning of Vadodara Kim Expressway from km 323.00 to km 330.00 (Sapna to Padra Section of Vadodara Mumbai Expressway) in the state of Gujarat under NHDP Phase -VI on EPC Mode (Phase -VI)

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)

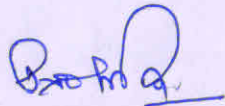
The Month of AUGUST -2020

a)	D.L.C. (Combined Gradation)	83	83	0	2	2	0	2	85	85	0
b)	Coarse Aggregate Gradation	425	424	1	21	21	0	15	446	445	1
c)	Fine Aggregate Gradation	424	424	0	21	21	0	15	445	445	0
d)	Flakiness Index	230	230	0	4	4	0	1	234	234	0
e)	Impact Test	229	229	0	4	4	0	1	233	233	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

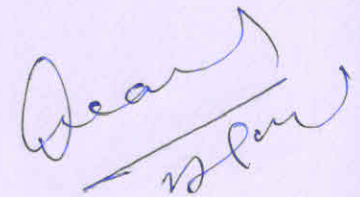
S.No	Description of Test	No. of Test Conducted upto previous month			No. of Test Conducted during this Month				Cumulative Total			Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		I.E. Witness	No. of Test Conducted	Results		
			Passed	Failed		Passed	Failed			Passed	Failed	
1	Consistency	31	31	0	6	6	0	3	37	37	0	Frequency of testing is as per specification
2	Initial & Final Setting Time	31	31	0	6	6	0	3	37	37	0	
3	Fineness	31	31	0	6	6	0	3	37	37	0	
4	Specific Gravity	4	4	0	0	0	0	0	4	4	0	
5	3 days Comp. Strength	26	26	0	15	15	0	9	41	41	0	
6	7 days Comp. Strength	23	23	0	6	6	0	3	29	29	0	
7	28 days Comp. Strength	7	7	0	12	12	0	7	19	19	0	



EPC Representative

  
 C. Sankaranarayanan  
 DGMP/L

Concessionaire Representative



IE Representative

Eight-laning of Vadodara Kim Expressway from km 323.00 to km 330.00 (Sapna to Padra Section of Vadodara Mumbai Expressway) in state of Gujrat under NHDP Phase -VI on EPC Mode (Phase -VI)

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 AUGUST -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	191	191	0	6	6	0	3	197	197	0	
2	Initial & Final Setting Time	191	191	0	6	6	0	3	197	197	0	
3	Fineness	191	191	0	6	6	0	3	197	197	0	
4	Specific Gravity	2	2	0	0	0	0	0	2	2	0	
5	3 days Comp. Strength	189	189	0	15	15	0	9	204	204	0	
6	7 days Comp. Strength	186	186	0	6	6	0	4	192	192	0	
7	28 days Comp. Strength	190	190	0	8	8	0	5	198	198	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	0	
2	M-20	48	48	0	0	0	0	0	48	48	0	
3	M-20 (Kerb)	0	0	0	0	0	0	0	0	0	0	
4	M-25	0	0	0	0	0	0	0	0	0	0	
5	M-30	49	49	0	0	0	0	0	49	49	0	
6	M-35 (R.C.C.)	49	49	0	0	0	0	0	49	49	0	
7	M-35 (Piling)	47	47	0	0	0	0	0	47	47	0	( 28 days Strength Achieved )
8	M-35 (RE- Block)	9	9	0	0	0	0	0	9	9	0	
9	M-40	49	49	0	0	0	0	0	49	49	0	
10	M-45	13	13	0	0	0	0	0	13	13	0	
11	M-50	12	12	0	0	0	0	0	12	12	0	
12	Grouting	4	4	0	0	0	0	0	4	4	0	
13	GP2	0	0	0	0	0	0	0	0	0	0	
14	D.L.C.	13	13	0	0	0	0	0	13	13	0	7 days Strength Achieved
15	G.S.B.	2	2	0	0	0	0	0	2	2	0	
16	W.M.M.	0	0	0	0	0	0	0	0	0	0	
17	M-40 P. Q. C.	13	13	0	0	0	0	0	13	13	0	
18	DBM GRADE - II	0	0	0	0	0	0	0	0	0	0	
19	BC GRADE - II	0	0	0	0	0	0	0	0	0	0	

*[Signature]*

*[Signature]*  
 C. S. Senthil Kumar  
 DGM/C

*[Signature]*  
 A. P. S.



Eight-laning of Vadodara Kim Expressway from km 323.00 to km 330.00 (Sapna to Padra Section of Vadodara Mumbai Expressway) in state of Gujrat under NHDP Phase -VI on EPC Mode (Phase -I)

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 AUGUST -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	37	37	0	1	1	0	1	38	38	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	46	46	0	0	0	0	0	46	46	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 Limhoff 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.	3128	3120	8	0	0	0	0	3128	3120	8	
2	Embankment	13546	13546	0	0	0	0	0	13546	13546	0	Frequency of testing is as per specification(Set)
3	Subgrade	1418	1418	0	0	0	0	0	1418	1418	0	
4	G.S.B	1762	1762	0	0	0	0	0	1762	1762	0	
5	W.M.M	0	0	0	0	0	0	0	0	0	0	
6	D.L.C.	356	356	0	22	22	0	12	378	378	0	
7	C.T.B.	0	0	0	0	0	0	0	0	0	0	
8	BSM	0	0	0	0	0	0	0	0	0	0	
9	Back filling	136	131	5	0	0	0	0	136	131	5	
10	Shoulder/Median	0	0	0	0	0	0	0	0	0	0	
11	Embankment (RE Wall)	30	30	0	0	0	0	0	30	30	0	

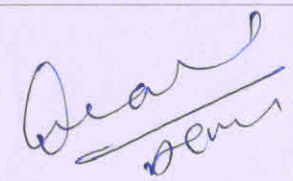
Ground Improvement  
 FDD Test witness  
 BY SITE (A.H.C)



EPC Representative



Concessionaire Representative



IE Representative

## XI. ACCIDENT REPORT

<b>Accident Report</b>							
<b>Status</b>	<b>Minor</b>	<b>Serious</b>	<b>Serious( RU)</b>	<b>Fatal</b>	<b>Fatal(Road user)</b>	<b>Property Damage</b>	<b>Property Damage(Rental)</b>
<b>Upto Previous Accidents</b>	2	0	0	0	0	0	0
<b>This Month</b>	0	0	0	0	0	0	0
<b>Total Accidents upto August'20</b>	2	0	0	0	0	0	0





Site visit of Monthly Inspection dated 19.08.2020

Site visit of Monthly Inspection dated 19.08.2020



323+074 Interchange Pier Cap

330+640

Girder steel Cement Wash

MNB





340+300	PQC Laying Completed	LHS
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340+000	CURING WORK OF PQC	LHS
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Aug 2, 2020 8:51:52 AM  
Amla  
Vadodara  
Gujara

340+100	Initial Cutting work of PQC	RHS
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REDMI NOTE 8 PRO  
AI QUAD CAMERA

339+770 TO 339+924	PQC Work
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336+810	Bottom cage Lowering	MJB
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331+840	RHS wall concrete pouring work	Box Culvert
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323+074	RCC Girder Shuttering work	Interchange
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353+666	Pier Cap	Interchange
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353+666

Pier Shaft Concrete Pouring

Interchange



323+074

Pedestal point marking of pier cap

Interchange



352+946

Pile Bottom cage Lowering

ROB



351+810

LHS Slab Concrete Pouring work

LVUP





323+074	TBT Conducted	Interchange
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Thermal screening & oximetry conducted
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Office Premises	Thermal screening & oximetry conducted
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