

MONTHLY PROGRESS REPORT

SEPTEMBER - 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

INDEX

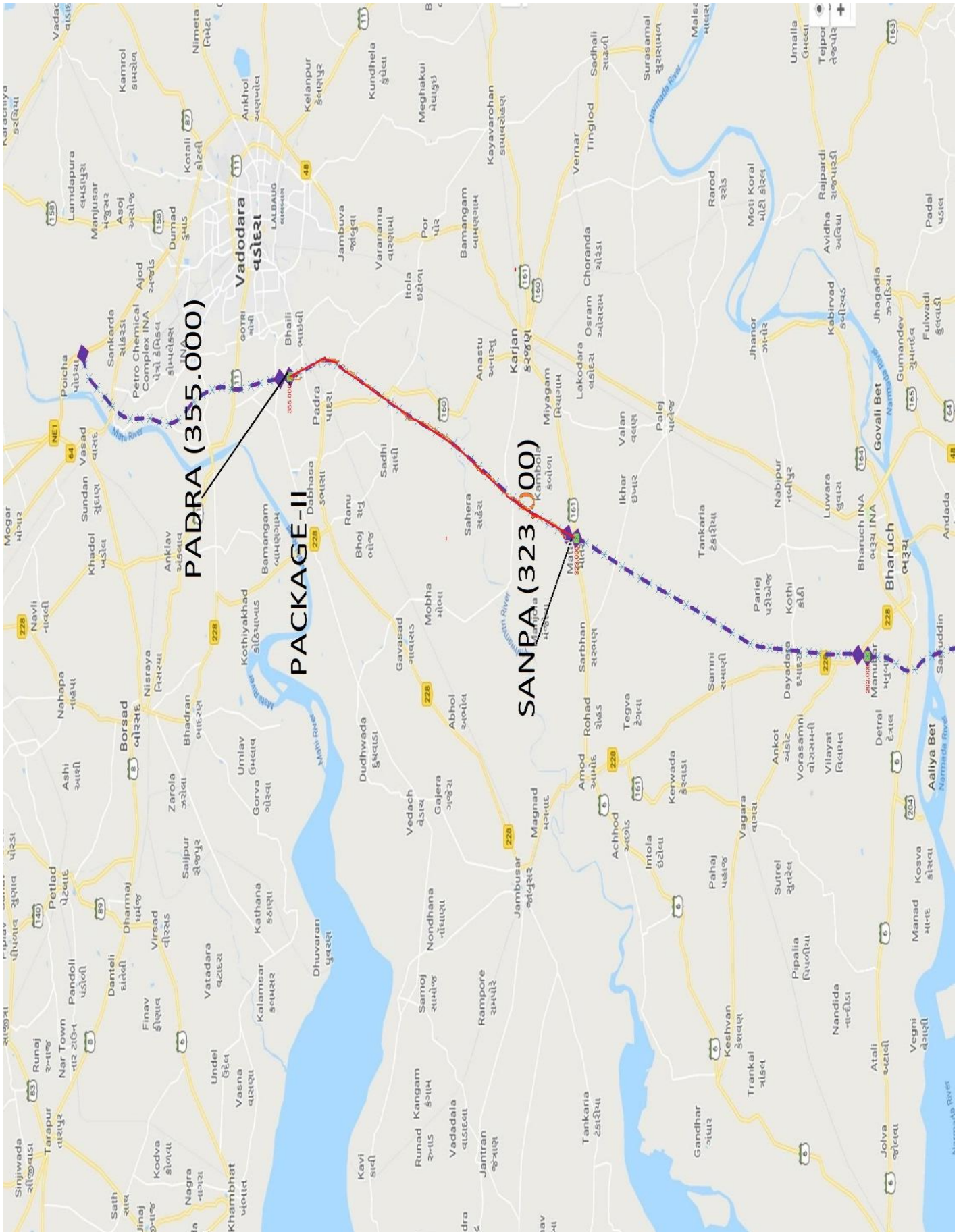
I.	LOCATION PLAN.....	1-5
	a. Key plan of Expressway.....	3-4
	b. Key plan of Project.....	5
II.	EXECUTIVE SUMMARY.....	6
	a. Project Synopsis.....	6
III.	PROJECT OVERVIEW.....	7-14
	a. Milestones as per CA.....	7
	b. Details of Typical Cross Section.....	8
	c. Details of MCW.....	9
	d. Details of Structures.....	9
	e. Organization Chart.....	10
	f. Details of Plant and Machinery Deployed.....	13-13
	g. Details of Applicable Permits.....	14
IV.	PROJECT PROGRESS.....	15-22
	a. Physical Progress.....	15
	b. Highway Progress.....	15
	c. Structure Progress.....	15-16
	d. S-curve(Physical progress progressive).....	17
	e. Highway Bar Chart.....	18-20
	f. Structure Bar Chart.....	21-22
V.	STATUS OF LAND ACQUISITION.....	23
VI.	UTILITY SHIFTING.....	24
VII.	STATUS OF DESIGN AND DRAWING.....	25-29
VIII.	WEATHER REPORT.....	30
IX.	STATUS OF RFI	31
X.	ANNEXURES.....	32-77
	a. Annexure 1: Calculation of physical progress progressive.....	32-43
	b. Annexure 2: Structure Progress Chart.....	44-48
	c. Annexure 3: Highway progress Chart.....	49
	d. Annexure 4: Details of Hindrance	50-60
	e. Annexure 5: Details of Letter correspondence.....	61-65
	f. Annexure 6: Summary of Borrow Area.....	66-69
	g. Annexure 7 : Weather report (Signed Copy).....	70
	h. Annexure 8 : Summary of Test Conducted(Signed Copy).....	71-77
XI.	ACCIDENT REPORT.....	78
XII.	PROGRESS PHOTOGRAPHS.....	79-84

I. LOCATION PLAN & KEY PLAN

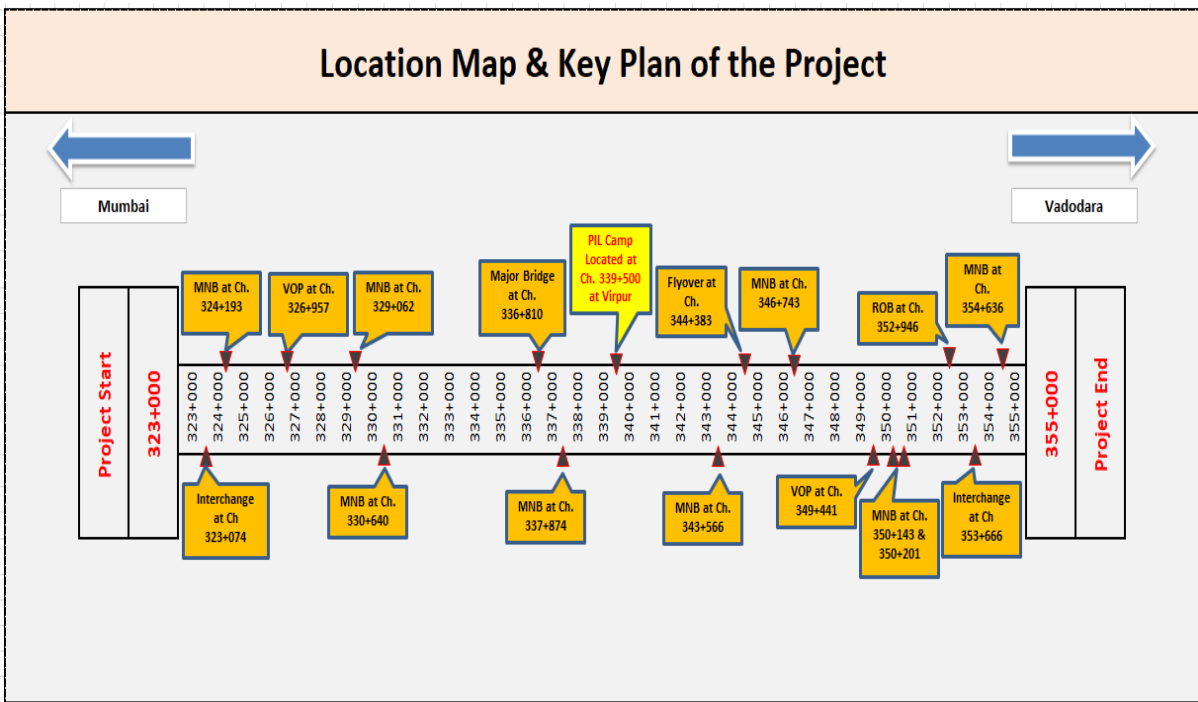
A. Key plan of Expressway



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



B. KEY PLAN OF PROJECT



II. EXECUTIVE SUMMARY

A. Project Synopsis

National Highways Authority of India (NHAI) in concession agreement with IRCON Vadodara Kim Expressway Limited (IVKEL) has undertaken the construction of new alignment 8-lane expressway from Sanpa to Padra from Km 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 September 2020. The Embankment work of the main carriageway has been continued and 30.00 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 (%)	50.83%
2	Cumulative Achieved Physical Progress up to Current month (%)	49.14%
3	Physical progress target during current month (%)	2.46%
4	Physical progress achieved during current month (%)	0.89%
5	Cumulative Achieved Financial Progress up to Current month (%)	28.46%

III. PROJECT OVERVIEW

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

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

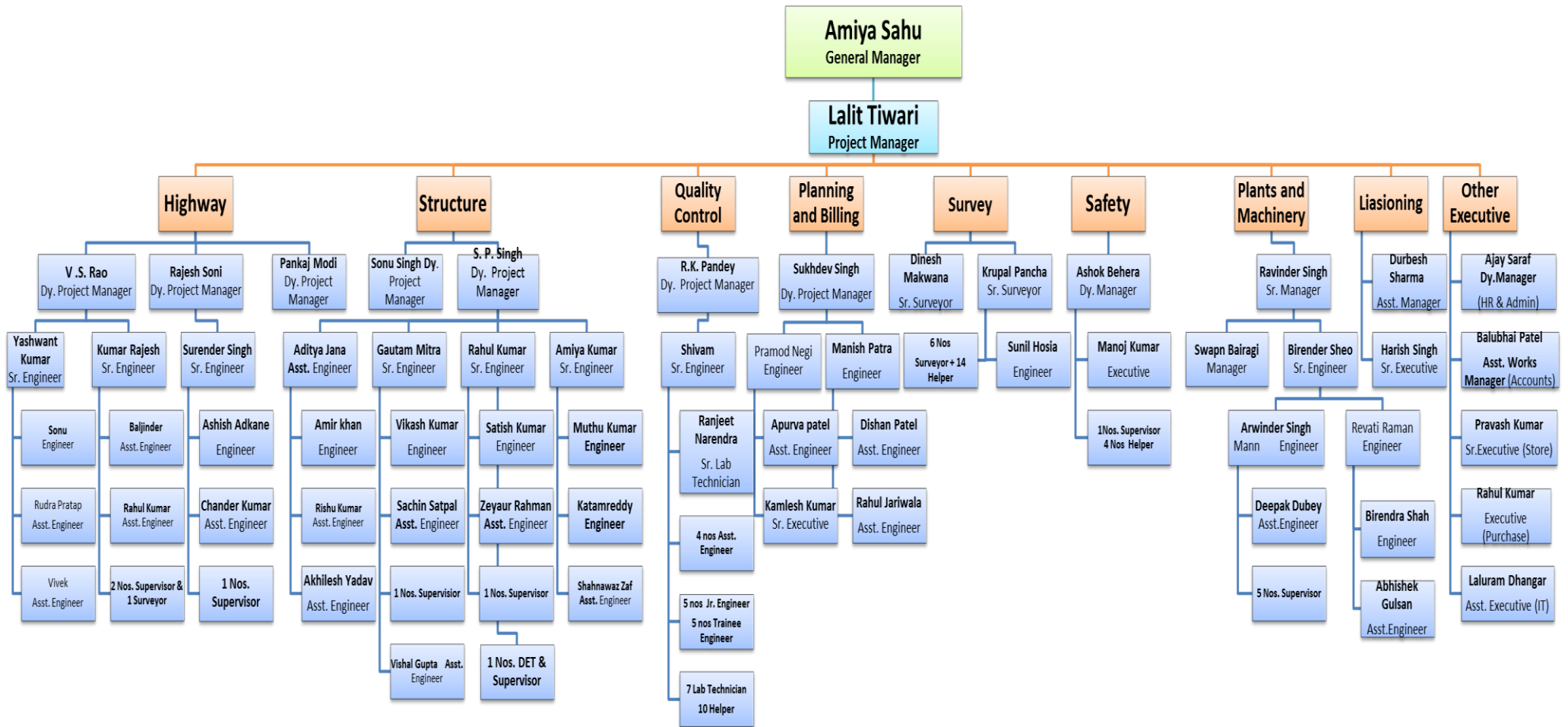
C. Details of MCW:

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

D. Details of Structures:

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

E. ORGANIZATION CHART



F. Details of Plant and Machinery Deployed:

Plant and Machinery Monthly Deployment Status						
Sl. No	Equipment	Unit	Avg. Planned	Actual	Remarks, If any	Working Status
1	Back Hoe Loader	Nos	11	22	16 Working	6 Nos. Idle
2	Excavator	Nos	19	37	30 Working	7 Nos. Idle
3	Motor Grader	Nos	19	28	16 Working	12 Nos. Idle
4	Vibratory Roller/Soil Compactor	Nos	19	39	14 Working	25 Nos. Idle
5	Wet Mix Paver	Nos	0	0		
6	Wet Mix Plant	Nos	0	1		Working
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		Working
14	Pneumatic Tyre Roller	Nos	0	0		
15	Dumpers/Tipper	Nos	86	148	95 Working	53 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)	Working
20	Transit Mixers	Nos	9	40	25 Nos. working	Working
21	Concrete Pump + Boom placer	Nos	2	3		Working
22	Kerb Machine	Nos	1	1		Working
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		Working
33	Trailer / Platform Truck	Nos	1	6		Working
34	Vibrator (Needle Type)	Nos	4	12		Working
35	Kerb Cutter	Nos	2	2		Working
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	18
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	Compressor
		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																				
	Total			32000	22	37	28	39	0	1	1	1	0	0	0	0	3	0	148	10	48	0

Chainagewise distribution of Machinery					19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
Sr No	Agency	Chainage		Length (m)	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
	Total			32000	10	40	4	1	0	2	10	5	3	8	6	2	7	2	6	12	2	10

G. Details of Applicable Permits:

Status of Applicable Permits (As per Schedule F) as on 30th September-20

Sr. No	Description	Status	Receiving Date	Remarks
1	Permission of the State Government for extraction of boulders from quarry for and in respect of at least 20 (twenty) percent of the total length of the project	Received	06.12.2018	
2	Permission of Village Panchayats and Pollution Control Board for installation of crushers	Received	16.10.2018	
3	License for use of explosives	Received	16.01.2017	Valid up to 31.03.2023
4	Permission of the State Government for drawing water from river/reservoir	NA	NA	As per CGWA guidelines, for ground water extraction up to 100 cum /day NOC not required.
5	License from inspector of factories or other competent authority for setting up batching plant	Applied	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 49.14% as on 30.09.2020.

Given below is the summary of status of the works executed as 30.09.2020

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	8.92	0.3	21.30
5	DLC	Km	30.52	6.97	0.5	23.05
6	PQC	Km	30.52	1.06	0	29.46

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	22	9	21	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-4 Nos. completed 3.) Girder-02 No. completed
4	ROB	1	0	1	0	1.) Pile-63 Nos. completed
5	MJB	1	0	1	0	1.) Pile-204 Nos. completed 2.) Foundation-5 Nos. completed 3.) Substructure- RP-1, LP-5, RP-5 and LA-2 Pier/abt. Shaft is in progress 4.) Girder-2 Nos. PCC done

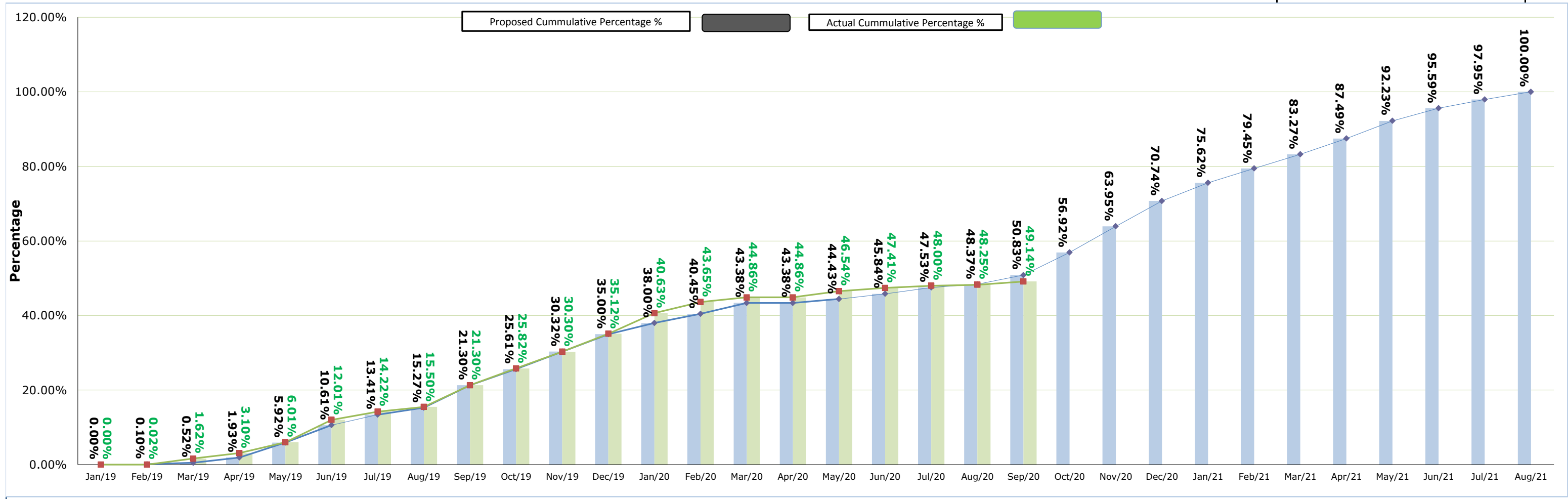
Construction of Eight lane Vadodara Kim Expressway from Km 323.00 to Km 355.00
National Highway Authority of India (NHDP Phase VI)
IRCON International Limited

6	MNB	9	3	6	0	Box Type 1.) Foundation-4 Nos. completed 2.) Substructure-3 Nos. completed 3.) Girder-All completed Retaining wall not yet started Pile Type 1.) Foundation-All completed 2.) Substructure- In progress 3.) Girder-103 Nos. completed
7	Interchange	2	0	2	0	At Location 323+074 1.) Foundation-8 Nos. completed 2.) Substructure-8 Nos. completed 3.) Girder-35 Nos. completed At Location 353+666 1.) Foundation-16 Nos. completed 2.) Substructure-13 Nos. completed 3.) Girder-40 Nos. completed
8	VOP	2	0	2	0	At Location 349+441 1.) Foundation-3 Nos. completed 2.) Substructure-2 Nos. completed Girder-2 Nos. completed At Location 326+957 1.) Foundation-3 Nos. completed 2.) Substructure-Not started yet
9	LVUP	8	5	3	0	1.) Foundation-8 Nos. completed 2.) Substructure-8 Nos. completed RE wall and crash barrier work in progress
10	VUP	5	4	1	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-33 Nos. completed RE wall and crash barrier work in progress of 14 structures.
Total		157	104	32	21	
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

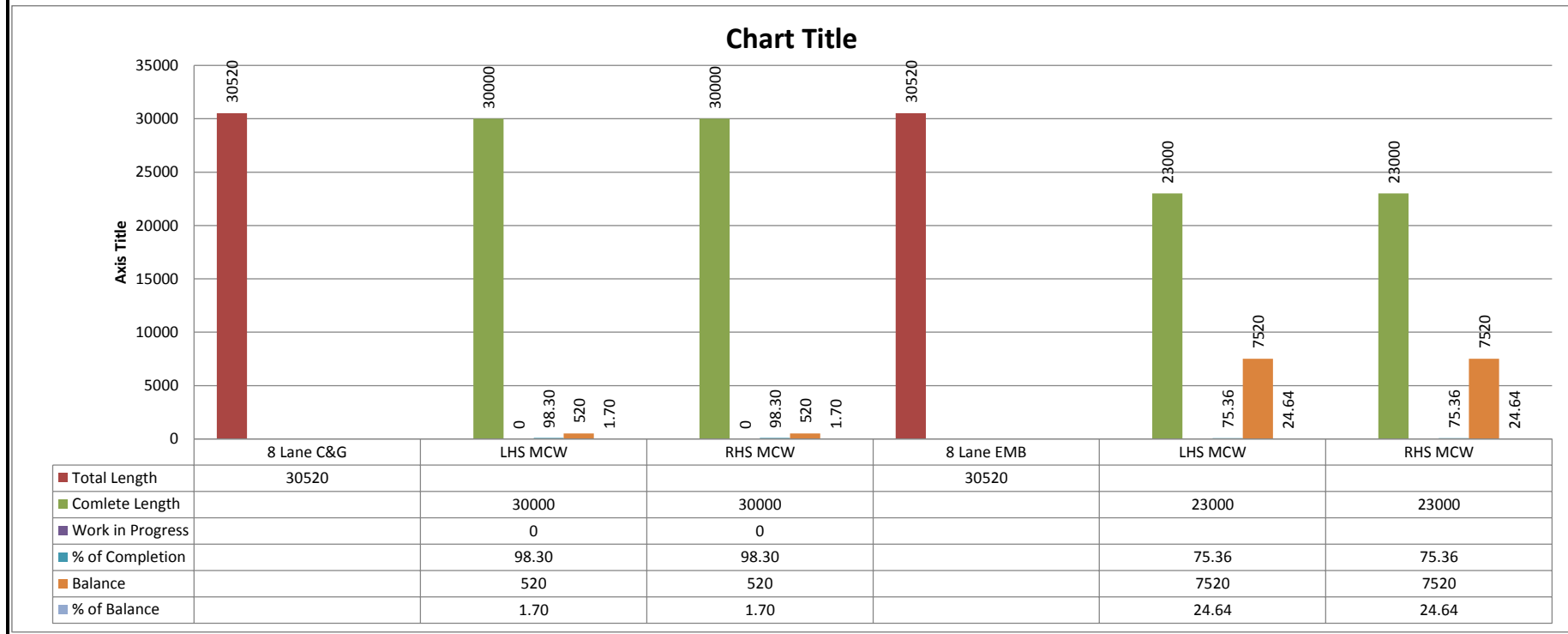
PROJECT:Construction of Eight lane Vadodara Kim Expressway from Km 323.00 to Km 355.00(Sanpa to Padra section of Vadodara Mumbai Expressway) in the State of Gujarat under NHDP Phase- VI on EPC mode

S- Curve (Physical Progress for Project Milestone)

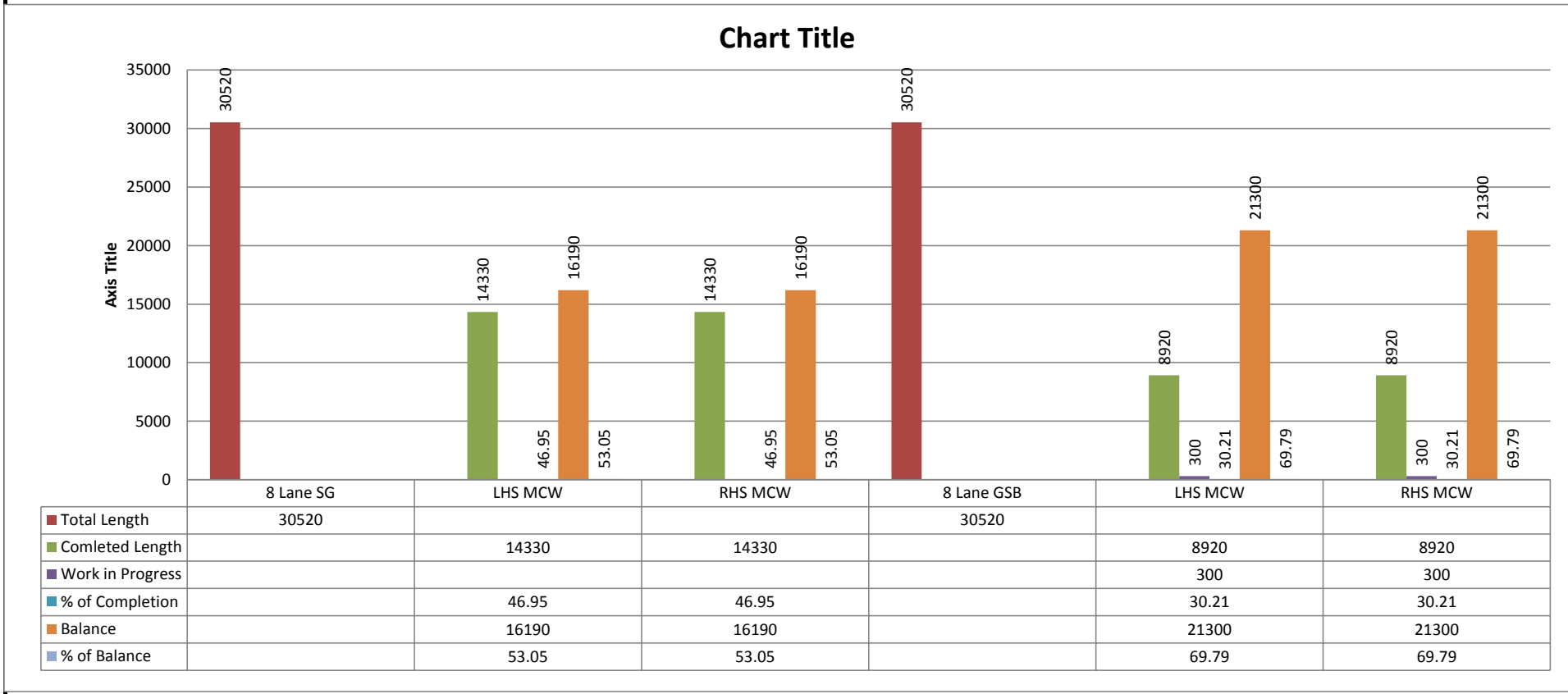


	MS-I								MS-II								MS-III								MS-IV								
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	
Proposed Cum. Percentage (%)	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%	49.14%												

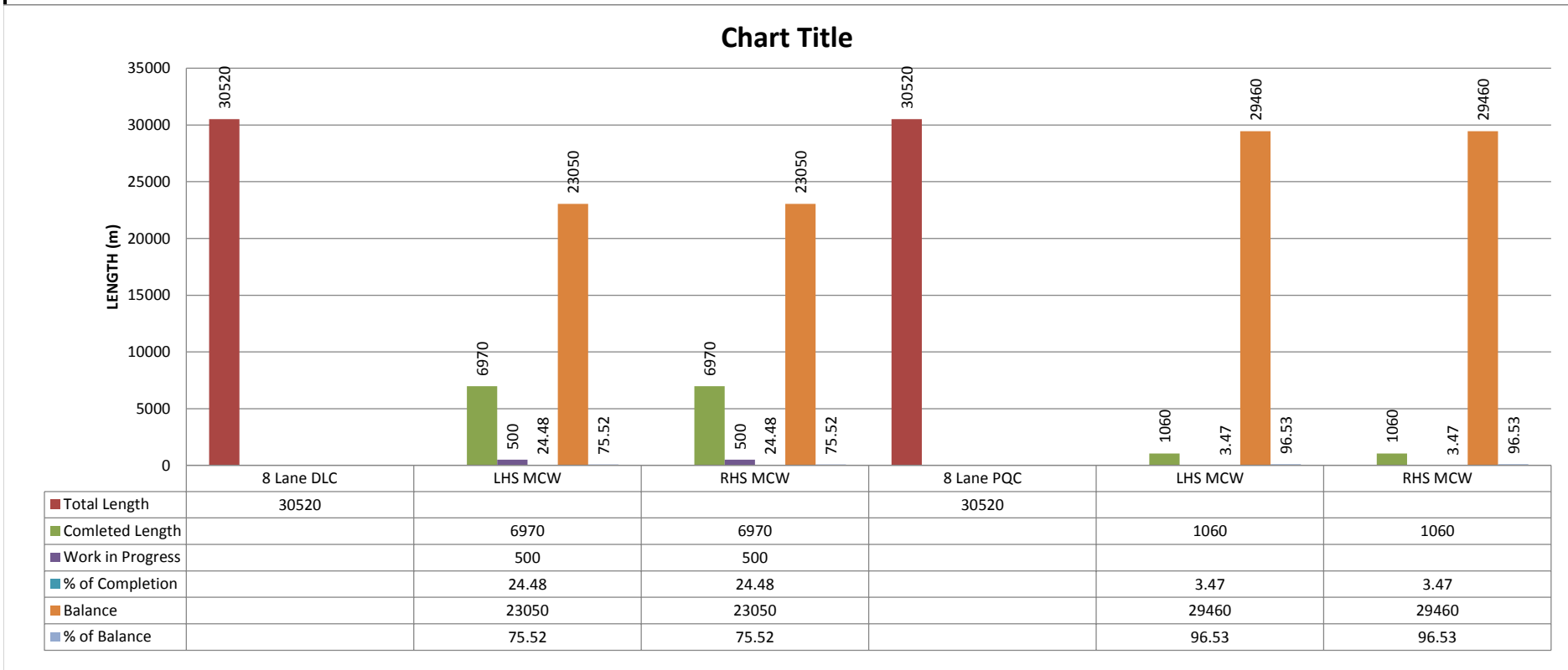
Highway Bar Chart							30.09.2020
S.No.	Type of Work	Total Length	Complete Length	Work in Progress	% of Completion	Balance	% of Balance
1	8 Lane C&G	30520					
2	LHS MCW		30000	0	98.30	520	1.70
3	RHS MCW		30000	0	98.30	520	1.70
4	8 Lane EMB	30520					
5	LHS MCW		23000		75.36	7520	24.64
6	RHS MCW		23000		75.36	7520	24.64



Highway Bar Chart							30.09.2020
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		8920	300	30.21	21300	69.79
6	RHS MCW		8920	300	30.21	21300	69.79



Highway Bar Chart							30.09.2020
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		6970	500	24.48	23050	75.52
3	RHS MCW		6970	500	24.48	23050	75.52
4	8 Lane PQC	30520					
5	LHS MCW		1060		3.47	29460	96.53
6	RHS MCW		1060		3.47	29460	96.53



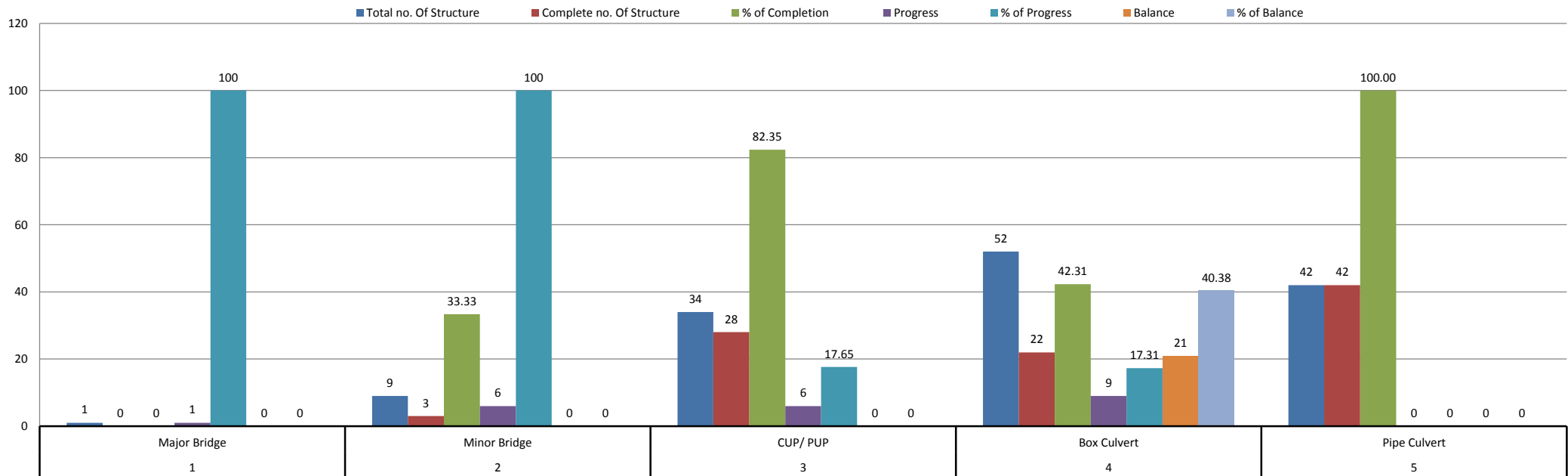
STRUCTURE BAR CHART

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

Status as on 30.09.2020

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	22	42.31	9	17.31	21	40.38
5	Pipe Culvert	42	42	100.00	0	0	0	0

Chart Title

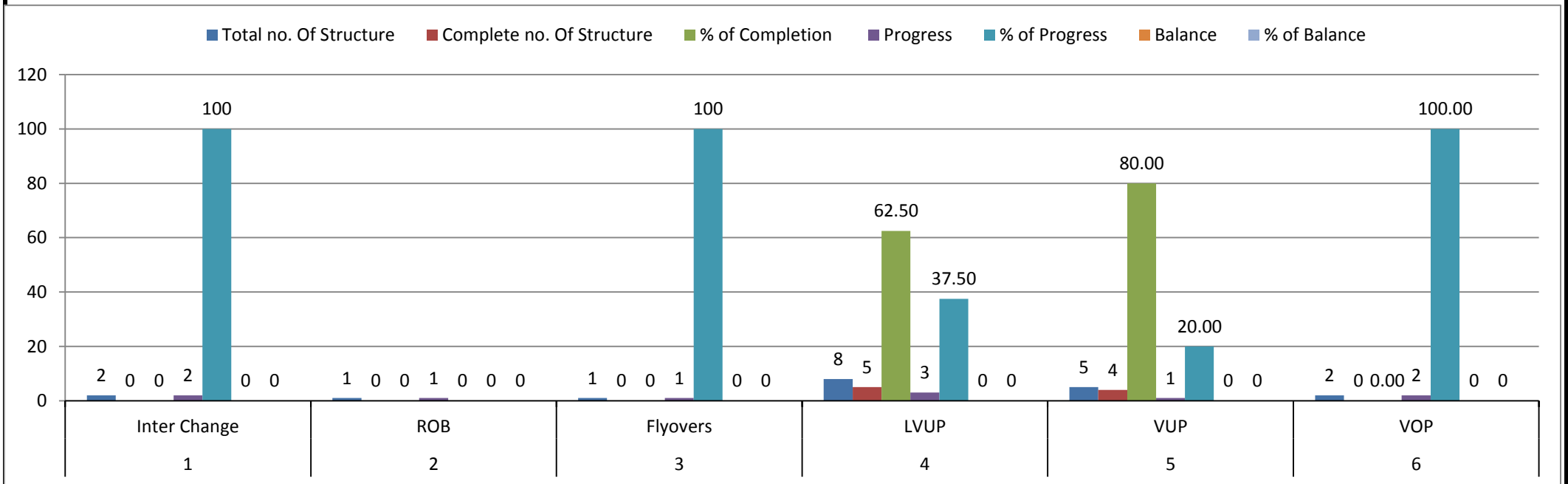


STRUCTURE BAR CHART

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

Status as on 30.09.2020

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	5	62.50	3	37.50	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 30.09.2020 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.

Details of Hindrances	Hindered Length in meter	Remarks
Total Hindered length due to Electrical Utilities	2310	Annexure 4A
Total Hindered length due to water pipeline etc.	120	Annexure 4B
Total Hindered Area due to Disputed Land	750	Annexure 4C
Permanent Structures	195	Annexure 4D
Grand Total	3375	

- Net unencumbered/Unhindered length of road as on 30.09.2020 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

Status of Utilities in Package II of Vadodara Kim Expressway

Date	30.09.2020	
Utilities	Nos	Status
MGVCL	-	Out of total 44 Estimates, 39 Estimates approved by RO office on 22.11.2019 while balance 5 Estimates approved by RO office on 17.12.2019. PIU Bharuch deposited supervision charge all 3 sub division on Padra-1 dt.:19.03.2020, Padra-2 dt.:27.03.2020 and Karjan-1 dt.:18.03.2020. We have deputed 4 no. of contractors for electric line shifting work sub division wise, material inspection has been done. Work has been started.
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 approved. 2 contractor finalized for 66KV line shiftings.
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. Agreement and Supervision charge pending from NHAI.
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. Agreement and Supervision charge pending from NHAI.
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. IE observation complied by ONGC.
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. NHAI has been submitted all acquisition and payment details to M/S GAIL.
GSPL	2	Agreement signed between NHAI & GSPL. NOC received from GSPL.

VII. STATUS OF DESIGN & DRAWING

Design Status of Sanpa- Padra Project (As on 30.09.2020)

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	IRCON/3019/VKE/PATEL/2011 dt. 07.09.2020	Found in Order vide letter No 2011 IRCON/IE have reviewed the compliance given by M/s PIL and the layout & profile of the Interchange at Km 323+075 & it is found in order Ms/ PIL is hereby requested to proceed for the GFC Drawings along with details of coordinates of the splitters , drainage and profile of the circulatory carriageway in roundabouts
						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	Approved
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

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

3	VOP	1	1	1	0	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/2076 dt. 19.09.2020	Found in order vide letter No 2076
	VOP	1	1	1	0	349+441	PIL/HO/VKP2/IRCON/342/2020 dt. 23.06.2020	IRCON/3019/VKE/PATEL/1863 dt. 30.07.2020	Approved vide letter no. 1616
4	Minor Bridge	9	9	6	3	324+193	PIL/HO/VKP2/IRCON/765/2019 Dt. 17.12.2019	IRCON/3019/VKE/PATEL/1400 dt. 29.02.2020	Approved by IRCON letter no. 1400 Found in Order Vide IRCON Office Letter No 2120, dt 28.09.2020
						329+062	PIL/HO/VKP2/IRCON/204/2019 dt. 09.04.2020	-	Approved by IE (A2 size Hard Copy submitted vide PIL/ VK2/ IRCON/ 667 / 2020, dt 29.09.2020)
						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/992 dt. 26.11.2019, IRCON/3019/VKE/PATEL/1125 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/1039 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/1817 dt. 16.07.2020	Approved by IRCON letter no. 1817 dt. 16.07.2020

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

						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/1751 dt. 30.06.2020	Approved via ltr. No. 1751 (*With bearing comments)
5	Flyover	1	1	1	0	344+383	PIL/HO/VKP2/IRCON/491/2020 Dt. 14.09.2020 (Compliance done against IRCON letter No 2036)	IRCON/3019/VKE/PATEL/2068 dt. 18.09.2020	Found in Order vide letter No 2068
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 & drawing 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)

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

						351+284	PIL/HO/VKE2/IRCON/501/201 9 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,
9	PUP/CU P	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 stampped), 4 nos. pending
10	Box Culvert	52	50	20	30	-	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 30 are pending with IE
	Box Culvert						Ch.0+535 (VOP-349+441)	PIL/ VK2/ IRCON/ 652 / 2020, dt 22.09.2020	

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

	Box Culvert						Ch 0+909 at (VOP)326+957.)	PIL/HO/VKP2/IRCON/525/2020, dt 25.09.2020	
	Box Culvert						CH. 0+015 at Ramp-2 of IC 323+075	PIL/ VK2/ IRCON/ 665 / 2020, dt 28.09.2020	
	Box Culvert						CH. 0+020 at Ramp-3 of IC 323+075	PIL/ VK2/ IRCON/ 665 / 2020, dt 28.09.2020	
	Box Culvert						CH. 0+305 at Ramp-3 of IC 323+075	PIL/ VK2/ IRCON/ 665 / 2020, dt 28.09.2020	
	Box Culvert						CH. 0+346 at Ramp-2 of IC 323+075)	PIL/ VK2/ IRCON/ 665 / 2020, dt 28.09.2020	
	Box Culvert						CH. 0+454 at Loop-2 of IC 353+666	PIL/ VK2/ IRCON/ 665 / 2020, dt 28.09.2020	
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)
TOTAL		157	155	116	39				

VIII. Weather report for the month of September 2020

MONTHLY WEATHER REPORT FOR THE MONTH OF September 2020

S. No.	DATE	TEMPRATURE (°C)		HUMIDITY (%)		RAINFALL (mm)	CUMULATIVE RAINFALL (mm)	WEATHER
		Min.	Max.	Min.	Max.			
1	1-Sep-20	26.2	32.8	61.00	99.00	-	1,104.20	Sunny & Cloudy
2	2-Sep-20	26.5	33.1	59.00	94.00	10.00	1,114.20	Sunny
3	3-Sep-20	26.2	33.7	61.00	99.00	-	1,114.20	Sunny
4	4-Sep-20	26.2	34.8	57.00	99.00	-	1,114.20	Sunny
5	5-Sep-20	27.0	35.2	58.00	92.00	-	1,114.20	Sunny
6	6-Sep-20	27.2	35.6	58.00	94.00	-	1,114.20	Sunny
7	7-Sep-20	28.8	35.2	59.00	97.00	-	1,114.20	Sunny
8	8-Sep-20	29.8	35.2	57.00	99.00	-	1,114.20	Sunny
9	9-Sep-20	29.6	34.8	57.00	98.00	-	1,114.20	Sunny
10	10-Sep-20	29.6	35.6	54.00	99.00	-	1,114.20	Sunny
11	11-Sep-20	27.2	35.2	54.00	99.00	30.00	1,144.20	Cloudy
12	12-Sep-20	27.2	35.6	54.00	99.00	-	1,144.20	Cloudy
13	13-Sep-20	28.9	33.1	72.00	89.00	-	1,144.20	Sunny
14	14-Sep-20	28.6	33.2	64.00	93.00	-	1,144.20	Sunny
15	15-Sep-20	28.2	32.8	65.00	92.00	-	1,144.20	Sunny
16	16-Sep-20	28.4	33.2	64.00	99.00	15.00	1,159.20	Sunny
17	17-Sep-20	27.8	34.0	62.00	98.00	20.00	1,179.20	Rainy
18	18-Sep-20	27.2	33.6	64.00	99.00	2.00	1,181.20	Cloudy
19	19-Sep-20	27.6	34.2	64.00	99.00	16.00	1,197.20	Cloudy
20	20-Sep-20	27.0	32.2	76.00	99.00	15.20	1,212.40	Cloudy
21	21-Sep-20	28.2	33.6	70.00	99.00	45.00	1,257.40	Cloudy
22	22-Sep-20	28.4	34.4	74.00	99.00	11.00	1,268.40	Cloudy
23	23-Sep-20	27.4	29.8	91.00	99.00	13.00	1,281.40	Cloudy
24	24-Sep-20	28.4	33.8	70.00	99.00	-	1,281.40	Cloudy
25	25-Sep-20	28.6	33.5	67.00	99.00	-	1,281.40	Cloudy
26	26-Sep-20	28.4	33.4	55.00	92.00	-	1,281.40	Cloudy
27	27-Sep-20	27.8	33.5	53.00	92.00	-	1,281.40	Cloudy
28	28-Sep-20	27.9	32.4	63.00	93.00	-	1,281.40	Cloudy
29	29-Sep-20	28.2	33.1	52.00	89.00	-	1,281.40	Sunny
30	30-Sep-20	28.2	33.7	55.00	90.00	-	1,281.40	Sunny
Cumulative Rainfall Till Date							1,281.40	mm

IX. Status of RFI

MONTH :- September - 2020.

Sr.No.	Total RFI	Approved RFI	RFI Re-submitted after corrections suggested	Remarks
<u>Highway</u>				
1	39	17	22	
<u>Structure</u>				
2	244	189	55	
<u>Laboratory (QA/QC)</u>				
3	13	9	4	
<u>Survey</u>				
4	0	0	0	

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

Physical Progress

Concessionaire :- IRCON VADODARA-KIM EXPRESSWAY PVT LTD

EPC Contractor:- Patel Infrastructure Ltd.

Date:- 30/09/2020

Sl. No	Task	Unit	Total Qty	Rev. Wt%	Achieved Qty	% Progress
1	Road Works					
	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%	8.92	0.95%
	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%	6.97	1.00%
	PQC	Km	30.52	21.51%	1.06	0.75%
2	Pipe Culverts					
	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%
3	Box Culvert					
	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%	29	0.66%
	Substructure RCC M 30 - Culvert	Nos	104	1.33%	56	0.72%
	Super Structure RCC M 30 - Culvert	Nos	52	0.73%	22	0.31%
4	CUP/PUP					
	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%
5	LVUP/VUP					
	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%	9	0.24%
6	Connecting Roads					
	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%		
7	Retaining Wall+ Toe Wall					
	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
8	VOP at Chainage 326+957					
	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%		0.00%
	Girder	Nos	8	0.032%		0.00%
	Deck Slab	Nos	2	0.075%		0.00%
Finishing Works	Nos	1				
9	VOP at Chainage 349+441					
	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%	2	0.01%
	Deck Slab	Nos	2	0.075%		0.00%
Finishing Works	Nos	1				
10	Flyover at Ch. 344+360					
	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%	16	0.04%
	PIER	Nos	16	0.045%	16	0.05%
	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				
11	Major Bridge at Ch. 336+830					
	Excavation for foundation	Nos	14	0.007%	14	0.01%
	Pile Foundation	Nos	228	1.522%	204	1.36%
	Pile Foundation Cap	Nos	14	0.165%	5	0.06%
	Abutment	Nos	4	0.118%	1	0.03%
	PIER	Nos	10	0.257%	2	0.05%
	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				
12	ROB at Ch, 352+926					
	Excavation for foundation	Nos	6	0.005%	2	0.00%
	Pile Foundation	Nos	80	0.726%	63	0.57%
	Pile Foundation Cap	Nos	6	0.121%	1	0.02%
	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				
13	Interchnage at Ch. 323+074					
	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%	8	0.19%
	Girder	Nos	42	0.455%	35	0.38%
	Deck Slab	Nos	6	0.204%		
Finishing Works	Nos	1	0.000%			

Sl. No	Task	Unit	Total Qty	Rev. Wt%	Achieved Qty	% Progress
14	Interchange at Ch. 353+666					
	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%	13	0.15%
	Girder	Nos	84	0.455%	40	0.22%
	Deck Slab	Nos	14	0.273%		
	Finishing Works	Nos	1	0.000%		
15	Minor Bridge at Ch. 324+193					
	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			
16	Minor Bridge at Ch. 329+062					
	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%
17	Minor Bridge at Ch. 330+630					
	Pile Foundation	Nos	70	0.320%	70	0.32%
	Abutment	Nos	70	0.121%	65	0.11%
	Abutment/Pier Cap	Nos	8	0.114%	5	0.07%
	Girder	Nos	56	0.060%	35	0.04%
	Deck Slab	Nos	4	0.069%		
	Finishing Works	Nos	1	0.088%		
18	Minor Bridge at 337+874					
	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%
19	Minor Bridge at 343+566					
	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%
20	Minor Bridge at 346+743					
	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%		
21	Minor Bridge at Ch. 350+143					
	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
22	Minor Bridge at Ch. 350+201					
	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%		
23	Minor Bridge at Ch. 354+636					
	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%		
24	Toll Plaza					
	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%		
25	DRAINAGE					
	Construction of Drains	Km	30.52	1.197%		
26	Traffic signs, Road markings and other road appurtunences					
	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%		
27	Project facilities					
	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%
28	Land Scaping and Tree plantation					
	Land Scaping and Tree plantation	Km	30.52	0.146%		
29	RE Walls					
	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%
30	Boulder pitching on slopes					
	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%		
31	MISCELLANEOUS WORKS					
	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%	0.273	0.000%
Total Percentage completion and Amount==>				100.00%		49.140%

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.)

						49.14%
Item	Stage for measurement	UOM	Qty.	Weightage in % to Contract Price		
1	2	3	4	5	6	Sep-20
1	Earth Work upto Top of Subgrade					
1.1	Clearing and grubbing of -MCW	Km	30.52	0.05%	20.30%	30.00
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%		30.00
1.4	Construction of embankment - MCW Height upto 1 Mtr	km	30.52	5.52%		29.54
1.5	Construction of embankment - MCW Height 1 mtr to 2 Mtr	km	30.52	4.60%		26.10
1.6	Construction of embankment - MCW Height 2 mtr to 3 Mtr	km	30.52	3.68%		25.05
1.7	Construction of embankment - MCW Height 3 mtr to Emb top Bottom	km	30.52	2.76%		23.20
1.8	Construction of embankment - MCW Embankment Top	km	30.52	1.84%		22.00
1.9	Construction of Sub grade - MCW	km	30.52	1.84%		14.33
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%	8.92
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%	6.97
4.02	Providing xxx mm thick PQC for CW	km	30.52	21.51%	21.51%	1.06
4	Total Rigid Pavement					-
5	Pipe Culverts			0.00%		-
5.01	Culvert Excavation	No	42.00	0.01%	0.39%	42
5.02	Culvert PCC M15 grade	No	42.00	0.01%		42
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
5a	Total Pipe Culverts					-
5a	Box Culverts			0.00%		-
5.01a	Culvert Excavation	No	52.00	0.04%		41
5.02a	Culvert PCC M15 grade	No	52.00	0.39%		41
5.03a	Foundation RCC M 30 - Culvert	No	52.00	0.56%		28

Item	Stage for measurment	UOM	Qty.	Weightage in % to Contract Price		Sep-20
				5	6	
1	2	3	4	5	6	Sep-20
5.04a	HYSD bar in Foundation-Culvert	No	52.00	0.62%	3.67%	36
5.05a	Substructure RCC M 30 - Culvert	No	52.00	0.65%		28
5.06a	HYSD bar in Substructure-Culvert	No	52.00	0.68%		32
5.07a	Super Structure RCC M 30 - Culvert	No	52.00	0.36%		22
5.08a	HYSD bar in Super Structure-Culvert	No	52.00	0.37%		26
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%		-
6A,01	Structure excavation Ordinary and soft Soils - MNBR	No	30.00	0.09%	3.52%	30
6A,02	MNBR - PCC M15 grade	No	30.00	0.15%		30
6A,03	MNBR - RCC M35 - Foundation	No	10.00	0.90%		10
6A,04	HYSD bar reinforcement - Foundation	No	10.00	1.66%		10
6A,05	MNBR - RCC M35 Pile Cap	No	20.00	0.17%		20
6A,06	MNBR - RCC M35 1.2m dia piles	No	313.00	0.55%		313
6A,07	MNBR - RCC M35- Substructure Abutment	No	36.00	0.54%	1.45%	26
6A,08	HYSD bar reinforcement - substructure Abutment	No	36.00	0.61%		29
6A,09	MNBR - RCC M35 - Abutment Cap	No	36.00	0.13%		25
6A,10	HYSD bar reinforcement - Abutment cap	No	36.00	0.17%		30
6A,11	RCC M35 - RCC Girder	No	2.00	0.00%	1.14%	1
6A,12	PSC M45 - PSC Girder	No	8.00	0.10%		4
6A,13	PSC M50 - PSC Girder	No	2.00	0.09%		1
6A,14	HYSD bar reinforcement - Super structure Girder	No	12.00	0.27%		9
6A,15	HT Steel for PSC Girder	No	10.00	0.24%		4
6A,16	RCC M35 - SLAB	No	18.00	0.20%		6
6A,17	HYSD bar reinforcement - SLAB	No	18.00	0.24%		8
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
6B,02	PUP - PCC M15 grade Levelling course	No	34.00	0.25%		34
6B,03	PUP - RCC M35 Raft	No	34.00	1.28%		34
6B,04	HYSD bar reinforcement - RAFT	No	34.00	1.49%		34
6B,05	PUP RCC M35 Wall	No	68.00	0.60%	1.23%	66
6B,06	HYSD bar reinforcement - Wall	No	68.00	0.62%		68
6B,07	PUP - RCC M35 - TOP Slab	No	34.00	0.68%	1.24%	28
6B,08	HYSD bar reinforcement - TOP Slab	No	34.00	0.57%		32
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%		5

Item	Stage for measurement	UOM	Qty.	Weightage in % to Contract Price		Sep-20
				5	6	
1	2	3	4	5	6	Sep-20
6C,02	VUP - PCC M15 grade - Levelling course	No	5.00	0.04%	0.55%	5
6C,03	VUP - RCC M35 - Raft	No	5.00	0.23%		5
6C,04	HYSD bar reinforcement - Raft	No	5.00	0.26%		5
6C,05	VUP - RCC M35 - WALL	No	10.00	0.19%	0.37%	10
6C,06	HYSD bar reinforcement - WALL	No	10.00	0.20%		10
6C,07	RCC M35 - TOP SLAB	No	5.00	0.09%	0.16%	3
6C,08	HYSD bar reinforcement - TOP Slab	No	5.00	0.07%		5
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
6D,02	LVUP - PCC M15 grade levelling course	No	8.00	0.05%		8
6D,03	LVUP - RCC M35 Raft	No	8.00	0.28%		8
6D,04	HYSD bar reinforcement - Raft	No	8.00	0.33%		8
6D,05	LVUP - RCC M35 - Wall	No	16.00	0.18%	0.37%	16
6D,06	HYSD bar reinforcement - WALL	No	16.00	0.19%		16
6D,07	LVUP - RCC M35 - Top Slab	No	8.00	0.10%	0.19%	5
6D,08	HYSD bar reinforcement - TOP Slab	No	8.00	0.09%		8
6D,09	Finishing Work (10% cost of overall work)	No	8.00	0.00%		-
6D	TOTAL Bill No. 6D : LVUP					-
6E	Bill No. 6E : VOP			0.00%		-
6E,01	Structure Excavation for foundation of VOP	No	6.00	0.00%	0.28%	6
6E,02	Foundation PCC M15 grade for levelling course	No	6.00	0.00%		6
6E,03	RCC M35 - Foundation	No	6.00	0.02%		6
6E,04	HYSD bar reinforcement - Foundation	No	6.00	0.13%		6
6E,05	RCC M35 Pile Cap	No	6.00	0.03%		6
6E,06	RCC M35 1.2m dia piles	No	35.00	0.10%		35
6E,07	RCC M35 - ABUTMENT/Return Wall	No	4.00	0.01%	0.05%	4
6E,08	HYSD bar reinforcement - ABUTMENT/Return Wall	No	4.00	0.01%		4
6E,09	RCC M35 - ABUTMENT CAP	No	4.00	0.01%		2
6E,10	HYSD bar reinforcement - ABUTMENT CAP	No	4.00	0.01%		2
6E,11	RCC M35 - PIER	No	2.00	0.00%		2
6E,12	HYSD bar reinforcement - PIER	No	2.00	0.00%		2
6E,13	RCC M35 - PIER CAP	No	2.00	0.01%		1
6E,14	HYSD bar reinforcement -PIER CAP	No	2.00	0.01%		1
6E,15	HYSD bar reinforcement - Super structure Girder	No	4.00	0.08%	0.21%	
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%		-
6E	Total Bill No. 6E : VOP					-

Item	Stage for measurment	UOM	Qty.	Weightage in % to Contract Price		
1	2	3	4	5	6	Sep-20
6F	Bill No: 6F Flyover			0.00%		-
6F,01	Structure excavation Ordinary and soft Soils - Flyover	No	8.00	0.00%	0.63%	8
6F,02	Flyover - PCC M15 grade - levelling course under fdn.	No	8.00	0.00%		8
6F,03	HYSD bar reinforcement - Foundation	No	8.00	0.29%		8
6F,04	RCC M35 Pile Cap	No	8.00	0.08%		8
6F,05	RCC M35 1.2m dia piles	No	92.00	0.26%		92
6F,06	RCC M35 - ABUTMENT	No	4.00	0.02%	0.19%	3
6F,07	HYSD bar reinforcement - ABUTMENT	No	4.00	0.02%		3
6F,08	RCC M35 - ABUTMENT CAP	No	4.00	0.02%		2
6F,09	HYSD bar reinforcement - Abutment cap	No	4.00	0.03%		3
6F,10	RCC M35 - Pier Substructure	No	4.00	0.02%		3
6F,11	HYSD bar reinforcement - Pier Substructure	No	4.00	0.03%		3
6F,12	RCC M35 - Pier CAP	No	4.00	0.02%		2
6F,13	HYSD bar reinforcement - Pier CAP	No	4.00	0.04%	2	
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%		-
6F	Total Bill No: 6F Flyover					-
6G	Bill No: 6G Major Bridges					-
6G,01	Structure excavation Ordinary and soft Soils - MJB	No	14.00	0.01%	1.68%	14
6G,02	Major Bridge PCC M15 grade - Levelling course	No	14.00	0.01%		10
6G,03	HYSD bar reinforcement - Foundation	No	14.00	0.84%		7
6G,04	RCC M35 Pile Cap	No	14.00	0.15%		5
6G,05	RCC M35 1.2m dia piles	No	228.00	0.68%		204
6G,06	RCC M35 - Abutment substructure	No	4.00	0.05%	0.57%	2
6G,07	HYSD bar reinforcement - Abutment Substructure	No	4.00	0.07%		3
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%		2
6G,11	HYSD bar reinforcement - Pier Substructure	No	10.00	0.16%		2
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%	-
6G,15	HYSD bar reinforcement -Girder	No	12.00	0.23%		-
6G,16	HT Steel for PSC -Girder	No	12.00	0.24%		-
6G,17	RCC M35 - SLAB	No	12.00	0.15%		-

Item	Stage for measurment	UOM	Qty.	Weightage in % to Contract Price		
1	2	3	4	5	6	Sep-20
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%		-
6G	Total Bill No: 6G Major Bridges					-
6H	Bill No. 6H : ROB					-
6H,01	Structural Excavation in ROB foundation	No	6.00	0.00%	0.85%	2
6H,02	ROB - Foundation PCC M15 grade Levelling course	No	6.00	0.01%		1
6H,03	HYSD bar reinforcement - Foundation	No	6.00	0.39%		1
6H,04	RCC M35 Pile Cap	No	6.00	0.11%		1
6H,05	RCC M35 1.2m dia piles	No	6.00	0.34%		4
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%		-
6H	Total Bill No. 6H : ROB					-
6I	Bill No. 6I : Interchange					-
6I,01	Structure Excavation for foundation of Interchange	No	24.00	0.03%	5.24%	24
6I,02	Foundation PCC M15 grade for levelling course	No	24.00	0.05%		24
6I,03	HYSD bar reinforcement - Foundation	No	24.00	2.37%		24
6I,04	RCC M35 Pile Cap	No	24.00	0.63%		24
6I,05	RCC M35 1.2m dia piles	No	280.00	2.17%		280
6I,06	RCC M35 - ABUTMENT/Return Wall	No	26.00	0.19%	1.24%	25
6I,07	HYSD bar reinforcement - ABUTMENT/Return Wall	No	26.00	0.24%		26
6I,08	RCC M35 - ABUTMENT CAP	No	8.00	0.03%		7
6I,09	HYSD bar reinforcement - ABUTMENT CAP	No	8.00	0.05%		8
6I,10	RCC M35 - PIER	No	54.00	0.18%		51
6I,11	HYSD bar reinforcement - PIER	No	54.00	0.25%		54
6I,12	RCC M35 - PIER CAP	No	16.00	0.11%		14
6I,13	HYSD bar reinforcement - Pier CAP	No	16.00	0.18%	16	
6I,14	RCC M35 - RCC Girder	No	28.00	0.02%	1.39%	28
6I,15	PSC M45/M50 - PSC Girder	No	112.00	0.17%		47
6I,16	HYSD bar reinforcement Girder	No	112.00	0.38%		59
6I,17	HT Steel for PSC Girder	No	112.00	0.33%		59

Item	Stage for measurment	UOM	Qty.	Weightage in % to Contract Price		
1	2	3	4	5	6	Sep-20
6I,18	RCC M35 - SLAB	No	20.00	0.15%		-
6I,19	PSC M45/M50 - SLAB	No	20.00	0.12%		-
6I,20	HYSB bar reinforcement - SLAB	No	20.00	0.20%		-
6I,21	Finishing Work (10% cost of overall work)	No	20.00	0.00%		-
6I	Total Bill No. 6I : Interchange					-
7	Reinforced Earth Wall					-
7.01	PCC For RE Wall Foundation	m2	35,787.00	0.02%	0.81%	14,650
7.02	Providing RCC Facia Panel / Block	m2	35,787.00	0.21%		25,012
7.03	Filter media behind RE walls	m2	35,787.00	0.08%		14,650
7.04	Construction of embankment with Reinforced Earth	m2	35,787.00	0.33%		5,650
7.05	RCC crash barrier with friction slab M 40	Rmt	4,710.00	0.17%		-
7	Total Amount Reinforced Earth Wall					-
8	Service roads/ Slip Roads					-
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%		-
8	Total Service roads/ Slip Roads					-
9	Bill No.9: Toll Plaza					-
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%		-
9	Total Toll Plaza					-
10	DRAINAGE					-
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	HYSB bar reinforcement	Km	30.52	0.09%		-

Item	Stage for measurement	UOM	Qty.	Weightage in % to Contract Price		Sep-20
				5	6	
1	2	3	4	5	6	Sep-20
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%	0.27
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	Providing 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
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%	3.10
B	M-15 PCC Retaining Wall + Toe Wall	Km	3.31	0.12%		3.00
C	M-25 Retaining Wall + Toe Wall	Km	3.31	2.60%		2.90
D	HYSD - Retaining Wall + Toe Wall	Km	3.31	2.09%		3.10
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%		0.27

Item	Stage for measurment	UOM	Qty.	Weightage in % to Contract Price		Sep-20
				5	6	
1	2	3	4	5	6	Sep-20
15	Total Bill No.15 : MISCELLANEOUS WORKS					
				Cummulative Progress (%)		49.14%

STRUCTURE PROGRESS CHART AS ON 30.09.2020

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	9
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	3
10		Done	Done	Done	Done	330+068	330+068	1X1.2	Done	Done	Done	Done		11	VUP	5	1
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	32
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					

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	Done	324+164	324+160	1X2X2	Done	Done	Done	Done				
8				Done	Done	Done	Done	Done	324+236	324+259	1X3X3	Done	Done	Done	Done	Done			
9					Done	Done	Done	Done	324+254	324+273	1X3X3	Done	Done	Done	Done				
10				Done	Done	Done	Done	Done	324+987	325+005	1X3X3	Done	Done	Done	Done	Done			
11			Done	Done	Done	Done	Done	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	Done	331+840	331+859	1X2X2	Done	Done	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	Done	341+171	341+193	1x6x3	Done	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	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						Done	Done	Done	349+445	349+463	1x5x3	Done	Done						
38				Done	Done	Done	Done	Done	349+460(0+831)	349+463	1x2x2	Done	Done	Done	Done	Done			
39				Done	Done	Done	Done	Done	349+809	349+832	1x2x2	Done	Done	Done	Done	Done			
40					Done	Done	Done	Done	351+009	351+009	1x3x3	Done	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								
			9	22	25	29	30	30	52	52		30	30	29	25	22	9		

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					
7				Done	Done	Done	Done	Done	328+856	328+800	1X12	Done	Done	Done	Done	Done			
8				Done	Done	Done	Done	Done	329+725	329+750	1X12	Done	Done	Done	Done	Done			
9				Done	Done	Done	Done	Done	331+425	331+450	1X12	Done	Done	Done	Done	Done			
10				Done	Done	Done	Done	Done	332+640	332+675	1X12	Done	Done	Done	Done	Done			
11				Done	Done	Done	Done	Done	333+351	333+370	1X12	Done	Done	Done	Done	Done			
12				Done	Done	Done	Done	Done	333+786	333+795	1X12	Done	Done	Done	Done	Done			
13				Done	Done	Done	Done	Done	334+280	334+390	1X12	Done	Done	Done	Done	Done			
14				Done	Done	Done	Done	Done	334+868	334+880	1X12	Done	Done	Done	Done	Done			
15				Done	Done	Done	Done	Done	336+020	335+850	1X12	Done	Done	Done	Done	Done			
16				Done	Done	Done	Done	Done	336+355	336+375	1X12	Done	Done	Done	Done	Done			
17				Done	Done	Done	Done	Done	338+455	338+477	1X12	Done	Done	Done	Done	Done			
18				Done	Done	Done	Done	Done	338+950	338+970	1X12	Done	Done	Done	Done	Done			
19				Done	Done	Done	Done	Done	339+687	339+680	1X12	Done	Done	Done	Done	Done			
20				Done	Done	Done	Done	Done	340+419	340+427	1X12	Done	Done	Done	Done	Done			
21				Done	Done	Done	Done	Done	340+820	340+855	1X12	Done	Done	Done	Done	Done			
22				Done	Done	Done	Done	Done	342+035	342+050	1X12	Done	Done	Done	Done	Done			
23					Done	Done	Done	Done	342+543	342+562	1X12	Done	Done	Done	Done				
24					Done	Done	Done	Done	343+169	343+150	1X12	Done	Done	Done	Done				
25				Done	Done	Done	Done	Done	345+025	345+050	1X12	Done	Done	Done	Done	Done			
26				Done	Done	Done	Done	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	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	Done	349+972	349+950	1X12	Done	Done	Done	Done	Done			
32					Done	Done	Done	Done	350+831	350+850	1X12	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			
				27	33	34	34	34	34	34	34	34	34	34	34	33	29		

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	Done	341+826	341+843	1x12	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	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	Dimension	RHS								
	Finishing			Super Structure	Sub Structure	Foundation						Excavation	PCC	Raft	Sub Structure	Super Structure	Finishing			
	WC inside Str.	Approach Slab	Crash Barrier			Raft	PCC	Excavation									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

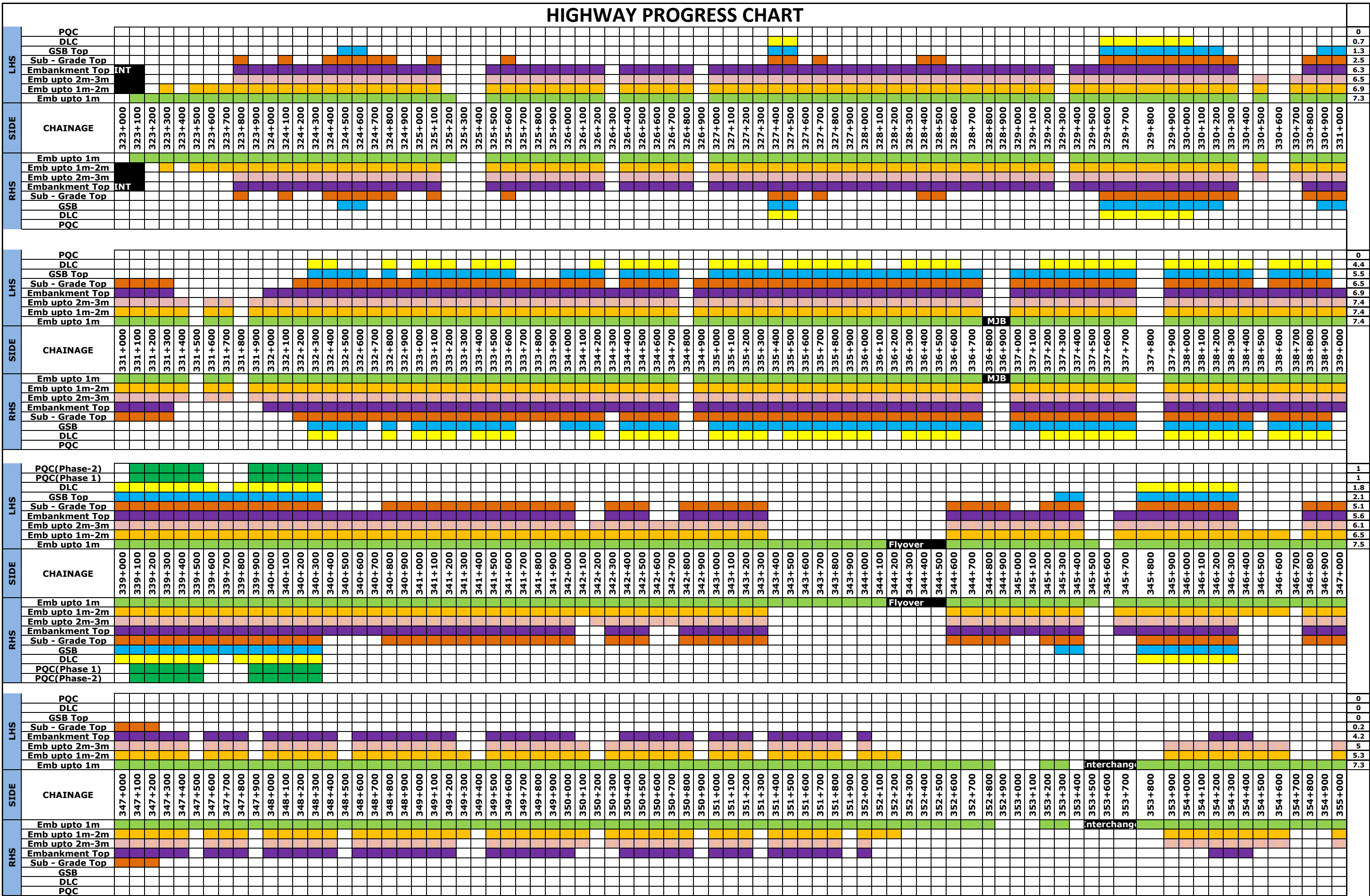
SR.NO	PILE TYPE																				
	LHS								Design Chainage	CA Chainage	Dimension	RHS									
	Superstructure			Sub Structure			Foundation					Pile Scope	Foundation			Substructure		Superstructure			
	Deck Slab	Erection/ Casting of Girders		Pier Cap	Pier	Pile Cap	Pile	Pile					Pile	Pile Cap	Pier	Pier Cap	Erection/ Casting of Girders		Deck Slab	Approach Slab	
1			4	2 out of 2	2 out of 2	2 out of 2	16	32	324+193	324+210	1X29.214	16	2 out of 2	2 out of 2							
2			35	3 out of 4	32 out of 35	2 out of 2	35	70	330+630	330+640	1X32.2	35	2 out of 2	33 out of 35	2 out of 4						
3			24	2 out of 4	59 out of 62	2 out of 2	62	124	343+566	343+566	1x27.20	62	2 out of 2	58 out of 62	2 out of 4						
4			4	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	24 out of 28	2 out of 2	28	56	354+636	354+660	1x48.603	28	2 out of 2	26out 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			6	2 out of 4	13 out 16	4 out of 4	46	92	344+383	344+360	1x22.627+1x42.065+1x22.627	46	4 out of 4	13 out of 16	2 out of 4						

PROGRESS CHART FOR INTERCHANGE																			
SR.NO	LHS								Design Chainage	CA Chainage	Dimension	RHS							
	Superstructure		Sub Structure		Foundation		Total Pile Scope	Foundation				Substructure		Superstructure					
	Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Piles		Piles				Pile Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab		
1		20	4 out of 4	12 out 12	4 out of 4	40	80	323+074	323+087	1 x 16.9+1x47.2+1x16.9	40	4 out of 4	12 out 12	4 out of 4	15				
2		18	6 out of 8	26 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	26 out of 28	7 out of 8	22				
PROGRESS CHART FOR ROB																			
SR.NO	LHS								Design Chainage	CA Chainage	Dimension	RHS							
	Superstructure		Sub Structure		Foundation		Total Pile Scope	Foundation				Substructure		Superstructure					
	Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Piles		Piles				Pile Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab		
1						1	42 out of 42	80	352+965	352+988	2x37.20	21 out of 38							
PROGRESS CHART FOR MJB																			
SR.NO	LHS								Design Chainage	CA Chainage	Dimension	RHS							
	Superstructure		Sub Structure		Foundation		Total Pile Scope	Foundation				Substructure		Superstructure					
	Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Pile		Pile				Pile Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab		
1				1 out of 7	2 out of 7	102	228	336+810	336+830	6X42.20	102	3 out of 7	2 out of 7						
PROGRESS CHART FOR VOP																			
SR.NO	LHS								Design Chainage	CA Chainage	Dimension	RHS							
	Superstructure		Sub Structure		Foundation		Total Pile Scope	Foundation				Substructure		Superstructure					
	Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Piles		Piles				Pile Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab		
1				3 out of 3	3 out of 3	14	14	326+957	326+982	2x48.221	Not Applicable								
2		2	3 out of 3	3 out of 3	3 out of 3	21	21	349+441	349+463	2x41.35									

HIGHWAY PROGRESS CHART



<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">Emb upto 1m</td><td style="width: 50%;"></td></tr> <tr><td>Emb upto 1m-2m</td><td></td></tr> <tr><td>Emb upto 2m-3m</td><td></td></tr> </table>	Emb upto 1m		Emb upto 1m-2m		Emb upto 2m-3m		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;"></td><td style="width: 50%;"></td></tr> <tr><td>Embankment Top</td><td></td></tr> <tr><td>Sub - Grade Top</td><td></td></tr> <tr><td>GSB</td><td></td></tr> </table>			Embankment Top		Sub - Grade Top		GSB		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;"></td><td style="width: 50%;"></td></tr> <tr><td>DLC</td><td></td></tr> <tr><td>PQC</td><td></td></tr> </table>			DLC		PQC		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;"></td><td style="width: 50%;"></td></tr> <tr><td>Emb. Upto 1m</td><td>29.5</td></tr> <tr><td>Emb. From 1m-2m</td><td>26.1</td></tr> <tr><td>Emb. From 2m-3m</td><td>25.0</td></tr> </table>			Emb. Upto 1m	29.5	Emb. From 1m-2m	26.1	Emb. From 2m-3m	25.0	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;"></td><td style="width: 50%;"></td></tr> <tr><td>Total Embankment Top</td><td>23.0</td></tr> <tr><td>Total Subgrade Top</td><td>14.3</td></tr> </table>			Total Embankment Top	23.0	Total Subgrade Top	14.3	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;"></td><td style="width: 50%;"></td></tr> <tr><td>Total GSB</td><td>8.9</td></tr> <tr><td>Total DLC</td><td>6.9</td></tr> <tr><td>Total PQC</td><td>1.0</td></tr> </table>			Total GSB	8.9	Total DLC	6.9	Total PQC	1.0
Emb upto 1m																																															
Emb upto 1m-2m																																															
Emb upto 2m-3m																																															
Embankment Top																																															
Sub - Grade Top																																															
GSB																																															
DLC																																															
PQC																																															
Emb. Upto 1m	29.5																																														
Emb. From 1m-2m	26.1																																														
Emb. From 2m-3m	25.0																																														
Total Embankment Top	23.0																																														
Total Subgrade Top	14.3																																														
Total GSB	8.9																																														
Total DLC	6.9																																														
Total PQC	1.0																																														

ANNEXURE 4

Details of Electrical Utilities

Sr. No.	CHAINAGE		Division	SIDE	TYPE	Effectted 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		
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)	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	
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		Shifting work in progress
27	329+310	329+330	Karjan		11 KV	20	Electric Line Crossing			
28	330+270	330+275	Karjan	RHS	11 KV	5	Transformer	Only MCW		
29	330+275	330+570	Karjan	8 Line	12 KV	65	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW		
30	331+230	331+240	Karjan		11 KV	10	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW		
31	331+430	331+440	Karjan		11 KV	10	Electric Line Crossing	MCW		

ANNEXURE 4									
Details of Electrical Utilities									
Sr. No.	CHAINAGE		Division	SIDE	TYPE	Effectd LENGTH (m)	Description	Affected Zone	Remarks
	From	To							
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	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
33	331+900	331+920	Karjan		11 KV	20	Electric Line Crossing		
34	331+930	331+950	GETCO		66 KV	20	High Tension Line Crossing		
35	332+050	332+060	Karjan		11 KV	10	Electric Line Crossing		
36	332+130	332+150	Karjan		11 KV	20	Electric Line Crossing		
37	332+410	332+450	Karjan		11 KV	40	Electric Line Crossing		
38	332+490	332+500	Karjan	RHS		5	Transformer	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	
39	333+100	333+130	Karjan		11 KV	30	Electric Line Crossing		
40	333+340	333+350	Karjan	LHS		5	Transformer		
41	333+520	333+540	Karjan		11 KV	20	Electric Line Crossing		
42	333+620	333+720	Karjan		11 KV	100	Electric Line Crossing		
43	333+950	334+000	Karjan		11 KV	50	Electric Line Crossing		
44	334+220	334+240	Karjan		11 KV	20	Electric Line Crossing		
45	334+575	334+590	Karjan		11 KV	15	Electric Line Crossing		
46	334+585	334+610	Karjan		11 KV	35	Electric Line Crossing	MCW to ROW (RHS)	Shifting work in progress
47	334+610	334+640	Karjan		11 KV	25	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW	
48	334+690	334+720	Karjan		11 KV	30	Electric Line Crossing		
49	334+730	334+770	Karjan	2 Line	11 KV	40	Electric Line Crossing		
50	334+800	334+830	Karjan		11 KV	30	Electric Line Crossing		
51	335+370	335+400	Padra-1		11 KV	30	Electric Line Crossing		
52	335+370	335+400	Padra-1	LHS	11 KV	30	Electric Line Crossing		
53	336+080	336+130	PGCIL		400KV	50	High Tension Line Crossing	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
54	337+470	337+510	Padra-1		11 KV	40	Electric Line Crossing		
55	337+580	337+620	Padra-1		11 KV	40	Electric Line Crossing		
56	338+480	338+550	Padra-1		11 KV	70	Electric Line Crossing		
57	339+670	339+720	Padra-1		11 KV	50	Electric Line Crossing		
58	339+670	339+700	Padra-1		11 KV	30	Electric Line Crossing		
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	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
60	341+610	341+650	Padra-1		11 KV	40	Electric Line Crossing		
61	341+790	341+820	Padra-1		11 KV	30	Electric Line Crossing		
62	341+780	341+790	Padra-1	C/L	11 KV	10	Transformer		
63	343+850	343+870	Padra-1		11 KV	20	Electric Line Crossing		

ANNEXURE 4									
Details of Electrical Utilities									
Sr. No.	CHAINAGE		Division	SIDE	TYPE	Effectted LENGTH (m)	Description	Affected Zone	Remarks
	From	To							
64	343+950	344+000	Padra-1		11 KV	50	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
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	Shifting work in progress	
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	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
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	Shifting work in progress	
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	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
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		
					TOTAL LENGTH	2310			

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		
				TOTAL LENGTH	120	

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		
TOTAL LENGTH					95		




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
TOTAL LENGTH					60	




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
TOTAL LENGTH				40	

Details of Land related Hindrances as on 30.09.2020

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 done .Award awaited.	
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 done. Award awaited	

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 done. Award awaited	
5	327+250	327+300	50	Bodka	70	Vinunhaikanji 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.	
6	328+530	328+580	25	Bodka	161	Neelesh Patel	NHAI acquired 3 guntha Land but farmer claims that 11 Guntha land occupied by NHAI. CALA office is being persuade for settlement of additional claim of land owner Seacon needs to resolve it. Work in progress but additional compensation yet not disbursed	

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 Yusuphbhai	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 no : 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 done .Award awaited	
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

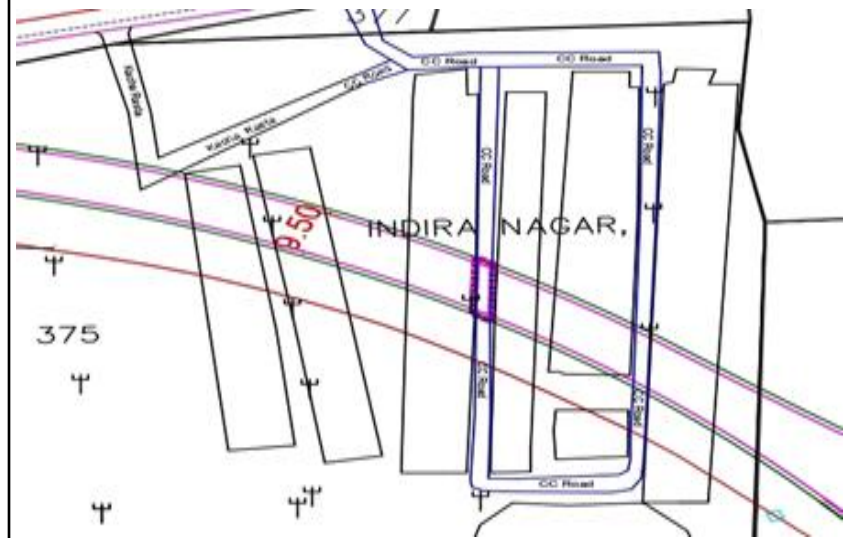
Interchange
down Ramp
No.1 at
Interchange
Ch.353+660

Samiyala

375

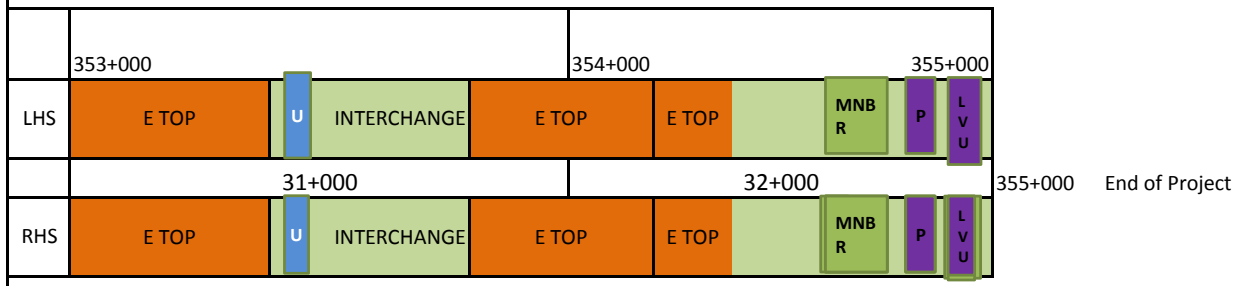
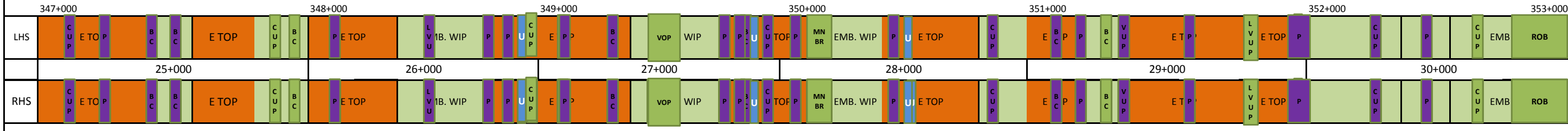
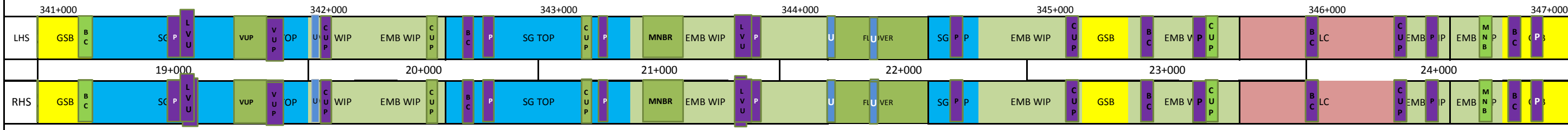
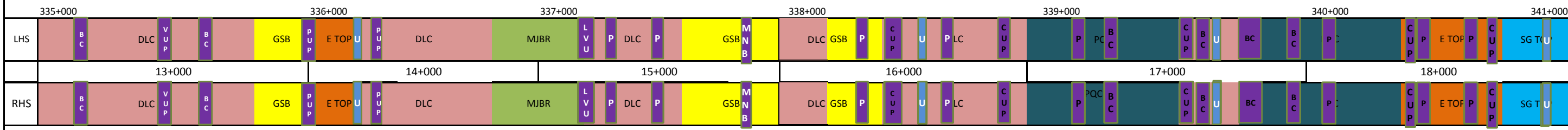
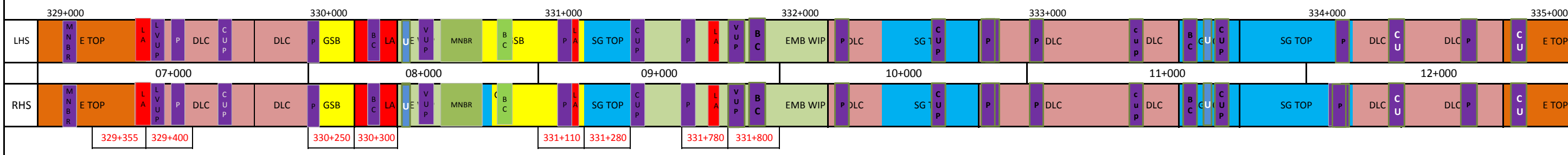
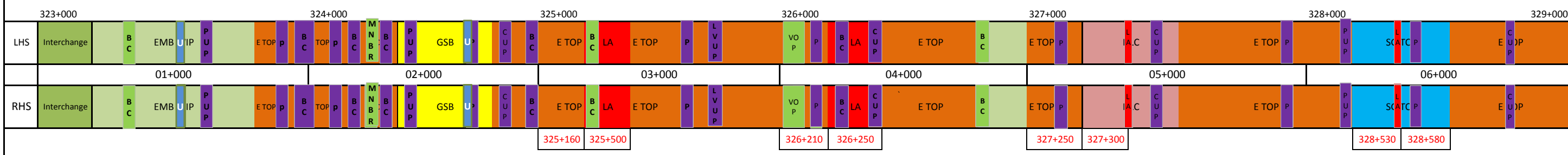
**Govt.
Land**

Indira Avas type -1
(15'x30') – 57 Nos.
Indira Avas type -1
(10'x30') – 11 Nos.
Sardar avas (15'x30')
--29 Nos.
Total - 97



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	
 	Yet to Start
 	Work in Progress
 	Work Completed

Scope of work (in Km)	Work Done (in Km)	%	
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	1.060	3.47%	PQC
30.52	6.970	22.84%	DLC
30.52	8.920	29.23%	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	01.09.2020	PIL/ VK2/ IRCON/ 618 / 2020	Compliance of Proposal for Pre-stressing of Girders for Minor Bridge at Ch: 330+660
2	01.09.2020	PIL/ VK2/ IRCON/ 619 / 2020	Submission of Stage Payment Statement No 12 of Section-323.000 to 355+000 for the stages completed for August 2020 (IPC_12)
3	01.09.2020	PIL/ VK2/ IRCON/ 620 / 2020	Submission of Borrow area Numbers 72D,79B,82B,82C,85,85A,86,86A,88,88A,88B &89
4	01.09.2020	PIL/ VK2/ IRCON/ 621 / 2020	Submission of agencies details deployed for earthwork in PKG-II.
5	02.09.2020	PIL/ VK2/ IRCON/ 622 / 2020	Submission of "Monthly Progress Report" for the Month of August - 2020.
6	02.09.2020	PIL/ VK2/ IRCON/ 623 / 2020	Submission of High Strain Dynamic Pile Load Testing Reports for MNBR at Ch. 350+143, 354+636 & 343+566. Tests were conducted by the Aadhya Engineering services.
7	02.09.2020	PIL/ VK2/ IRCON/ 624 / 2020	Submission of Company profile & Credentials of M/s Accurate Infranet for source approval of mesh to be used in chain link fencing.
8	02.09.2020	PIL/ VK2/ IRCON/ 625 / 2020	Submission of Borrow area Numbers 90,90A,90B,90C,91,91A,93,93A
9	02.09.2020	PIL/HO/VKP2/IRCON/463/2020	Submission of Revised Highway Plan & Profile for Interchange at km. 353+666.
10	02.09.2020	PIL/HO/VKP2/IRCON/467/2020	Regarding submission of compliance against proposal of Precast Shoulder Drain in aspect of Value Engineering as per NHAI Circular/Policy Guidelines dated 08.07.2020.
11	03.09.2020	PIL/ VK2/ IRCON/ 626 / 2020	Submission of Concrete Mix design M -20 Kerb.
12	04.09.2020	PIL/HO/VKP2/IRCON/473/2020	Submission of Anchor Beam and Terminal Slab Adjoining approach Slab of Structures.
13	05.09.2020	PIL/ VK2/ IRCON/ 627 / 2020	Submission of Borrow area Numbers 92, 92A, 89A & 89B
14	05.09.2020	PIL/HO/VKP2/IRCON/474/2020	Submission of QAP and W.P.S.S (Welding Procedure Specification Sheet) of HMM INFRA LTD for 36.0m span Composite Girder for use at ROB at Ch. 352+968 (Railway Chainage at Km. Post 8/4-8/5)
15	05.09.2020	PIL/HO/VKP2/IRCON/481/2020	Request to release part payment against the last part of 2nd Mobilization Advance
16	08.09.2020	PIL/ VK2/ IRCON/ 628 / 2020	Source Approval For M/s Aro Plast Enterprise for Dekora Gold ISI 4985 – PVC Pipes for Cable duct to be used in Project highway
17	08.09.2020	PIL/ VK2/ IRCON/ 629 / 2020	Source Approval For M/s Prince Piping System for Aquafit Pipes ISI 4985 – 2000 PVC Pipes for Cable duct to be used in Project highway.
18	08.09.2020	PIL/ VK2/ IRCON/ 630 / 2020	Source Approval For M/s Raj Plastic Industries, Unplasticized IS 4985 – 2000 PVC Pipes for Cable duct to be used in Project highway.
19	09.09.2020	PIL/HO/VKP2/IRCON/484/2020	Extension of Performance Bank Guarantee
20	10.09.2020	PIL/ VK2/ IRCON/ 631 / 2020	Submission of Company profile of M/s Bansal Wires for source approval of Chain link fencing wire to be used in Expressway.
21	10.09.2020	PIL/HO/VKP2/IRCON/485/2020	Submission of Compliance against proposal of precast shoulder drain in aspect of Value Engineering as per NHAI Circular/Policy Guidelines dated 08.07.2020
22	10.09.2020	PIL/HO/VKP2/IRCON/486/2020	Submission of Consent & NOC for change of Vendor for Shifting of 66kV Gotri - Jambuva -Padra Line between location no. 20/28 to 20/34 & 66kV Samiyala - Padra Line between location No. 20/11 to 20/15
23	10.09.2020	PIL/ VK2/ IRCON/ 632 / 2020	Patod Minor well and controlling valve shifting in ROW at Ch. 351+265.
24	11.09.2020	PIL/ VK2/ IRCON/ 633 / 2020	Submission of the Working capital Advance (WCA)-05 against the work done which could not be billed.
25	12.09.2020	PIL/ VK2/ IRCON/ 634 / 2020	Compliance for Source Approval of M/s Vigyashree Sharoda Infrastructure Ltd. (VSIL) for Bridge Bearing and Expansion joint.

Details of Letter Correspondence From PIL TO IRCON.

Sr.	Date	Letter Number	Subject
26	12.09.2020	PIL/ VK2/ IRCON/ 635 / 2020	Submission of Proposal for Change of Scope (COS) as per Article 13 of Contract Agreement for Additional box culvert at cross road Ch 337+022
27	12.09.2020	PIL/ VK2/ IRCON/ 636 / 2020	Compliance of Third Party test report of TATA Mundra Flyash for Source approval reg.
28	14.09.2020	PIL/ VK2/ IRCON/ 637 / 2020	Submission of Design and Drawing of Minor Bridge at Ch. 324+193. (Drawing submission in A2 Size)
29	14.09.2020	PIL/HO/VKP2/IRCON/491/2020	Submission of Design and Drawing of Flyover at Ch. 344+383
30	15.09.2020	PIL/HO/VKP2/IRCON/492/2020	Regarding Submission of Extended Guarantee Bond to Performance Bank Guarantee
31	16.09.2020	PIL/ VK2/ IRCON/ 638 / 2020	Company profile & credentials for source approval of M/s HELIFIX India Pvt. Ltd. for Pier Jacketing & Method statement for VOP at Ch. 349+441.
32	16.09.2020	PIL/ VK2/ IRCON/ 639 / 2020	Submission of HIT Rebar Design of M/s HILTI India Pvt. Ltd. for Jacketing work for Pier at VOP Ch. 349+441.
33	16.09.2020	PIL/HO/IRCON/494/2020	Regarding Compliance of observations on submitted Methodology and detailed drawings for Slope Protection.
34	16.09.2020	PIL/HO/VKP2/IRCON/495/2020	Submission of Toll Plaza Administrative Building Plan layout.
35	16.09.2020	PIL/ VK2/ IRCON/ 640 / 2020	Testing of POT-PTFE bearings manufactured by M/s Steel Auto Industries through Video conferencing. (For Interchange Ch. 353+670)
36	16.09.2020	PIL/ VK2/ IRCON/ 641 / 2020	Company profile & credentials for source approval of M/s Kantaflex India Pvt. Ltd. for (1) POT bearing, (2) Elastomeric Bearing & (3) Expansion Joint which is proposed to be used in Expressway.
37	16.09.2020	PIL/ VK2/ IRCON/ 642 / 2020	Village Samiyala, Dist.Vadodara, Land 61549 sqm. In different rural areas of Vadodara acquired for Vadoadara Mumabai Expressway.
38	17.09.2020	PIL/HO/VKP2/IRCON/501/2020	Regarding Delay in Submission & Finalization of Design and Drawing of various structures
39	17.09.2020	PIL/HO/VKP2/IRCON/502/2020	Request for approval of Application for interim Extension of time for Project Completion Schedule (Schedule - J) in pursuant to Clause 10.5 of the Contract Agreement
40	18.09.2020	PIL/ VK2/ IRCON/ 643 / 2020	Submission of GFC Drawing in A2 Size Paper sheet of Interchange at Ch. 323+075
41	18.09.2020	PIL/ VK2/ IRCON/ 644 / 2020	Regarding submission of Wayside Amenities master plan for Ch. 347+410 & 346+060.
42	18.09.2020	PIL/ VK2/ IRCON/ 645 / 2020	Submission of Methodology of Kerb Construction.
43	19.09.2020	PIL/ VK2/ IRCON/ 648 / 2020	Submission of Company profile & credential for Source Approval of M/s HMM INFRA LTD for Providing, Fabrication, Metalizing, Painting & Launching of steel Girder at VOP Ch. 326+957 & ROB Ch. 352+968.
44	19.09.2020	PIL/ VK2/ IRCON/ 650 / 2020	Submission of Company profile & credentials for M/s DECG International for Procurement of Elastomeric bearing for source approval to be used in Expressway Project.
45	19.09.2020	PIL/HO/VKP2/IRCON/505/2020	Submission of compliance against comments on proposal of precast shoulder drain and revised design & drawing in aspect of Value Engineering as per NHAI Circular/Policy Guidelines dated 08.07.2020.
46	19.09.2020	PIL/HO/VKP2/IRCON/506/2020	Regarding Methodology for PQC paving in two passes (10.5 m x 8.25m) and Panel arrangement drawing
47	22.09.2020	PIL/ VK2/ IRCON/ 651 / 2020	Submission of Methodology of Kerb Construction.
48	22.09.2020	PIL/ VK2/ IRCON/ 652 / 2020	Submission of Design and Drawing of Box culvert at Cross Road (VOP-349+441) at Ch.0+535
49	23.09.2020	PIL/ VK2/ IRCON/ 653 / 2020	Status of Plantation
50	23.09.2020	PIL/HO/VKP2/IRCON/513/2020	Submission of Company profile & credentials for source approval of M/s STRATA Geo Systems (India) Pvt. Ltd. for Slope Protection Works in Project Highway.

Details of Letter Correspondence From PIL TO IRCON.

Sr.	Date	Letter Number	Subject
51	24.09.2020	PIL/HO/VK2/IRCON/515/2020	Source Approval for M/s Balaji Wires Pvt. Ltd. a group company of Bansal Wire Ltd. an ISO 9001-2015 - for Galvanized Wire for Chain link Fencing in Project Highway.
52	24.09.2020	PIL/HO/VKP2/IRCON/516/2020	Regarding utilization of fly ash Project Highway.
53	24.09.2020	PIL/ VK2/ IRCON/ 654 / 2020	Submission of Company profile & Credentials of M/s Hevea Rubber Technologies Pvt Ltd. for approval of Elastomeric Bearings (MNB Ch 343+566)
54	25.09.2020	PIL/HO/VKP2/IRCON/522/2020	Regarding of Source Approval for M/s Prince Piping System for procurement of Class-II PVC Pipe 4kg/cm ² to be used in utility duct in shoulder.
55	25.09.2020	PIL/HO/VKP2/IRCON/523/2020	Regarding of Source Approval for M/s Aro Plast Enterprise for procurement of Class-II PVC Pipe 4kg/cm ² to be used in utility duct in shoulder.
56	25.09.2020	PIL/HO/VKP2/IRCON/524/2020	Submission of Drawing of Chain Link Fencing.
57	25.09.2020	PIL/HO/VKP2/IRCON/525/2020	Submission of Design and Drawing of Precast Box Culvert at Chainage 0+909 at (VOP) location 326+957.
58	25.09.2020	PIL/ VK2/ IRCON/ 655 / 2020	Submission of Test Reports of POT PTFE Free, Pin & Metallic Guide Bearing for Interchange Ch- 353+670 conducted by "Steel Auto Industries" dated: 19.09.2020
59	25.09.2020	PIL/ VK2/ IRCON/ 656 / 2020	Submission of Initial Pile Load Test Report for ROB at Ch. 352+946 conducted by the agency "Unique Engineering services".
60	25.09.2020	PIL/ VK2/ IRCON/ 657 / 2020	Submission of Method Statement for High Strain Pile Dynamic Test and Test Methodology for Determining Safe Load carrying Capacity of Pile by Lateral Load Test Method of the Agency M/S Unique Engineering Services. (For Ch. 352+946 ROB & 336+810 MJB)
61	25.09.2020	PIL/ VK2/ IRCON/ 658 / 2020	Submission of Cost Estimate for Box Culvert at Connecting Road at Chainage 337+022
62	26.09.2020	PIL/ VK2/ IRCON/ 659 / 2020	Submission of Credentials for source approval of NABL accredited laboratory of M/s Manglam Consultancy Service.
63	26.09.2020	PIL/ VK2/ IRCON/ 660 / 2020	Submission of Methodology of Transportation & Launching of Girder for Interchange at Ch. 353+666 & MNB at Ch. 354+636.
64	26.09.2020	PIL/ VK2/ IRCON/ 661 / 2020	Submission of Test Reports of Free Float Bearing, Pin Fixed Bearing & Metallic Guided Bearing for Interchange at Ch- 353+670 conducted by "M/s Hercules (SEA) SDN BHD" dated: 31.08.2020
65	28.09.2020	PIL/ VK2/ IRCON/ 662 / 2020	Submission for approval of Stage Payment Statement (IPC) Nos. 13 - A & 13 - B for stages completed for the month of September 2020 as per Schedule – H in pursuant to clause 10.1.4 and 19.3 of Contract Agreement.
66	28.09.2020	PIL/ VK2/ IRCON/ 663 / 2020	Submission of Revised Design and Drawing of Minor Bridge at Ch. 324+193. (Drawing A2 Size)
67	28.09.2020	PIL/ VK2/ IRCON/ 665 / 2020	Submission of Design & Drawings of Box Culverts at/over Interchange at CH. 323+075 & at CH. 353+666
68	29.09.2020	PIL/ VK2/ IRCON/ 666 / 2020	Submission of 28 Days Compressive Strength Report of M20 Kerb Mix Design.
69	29.09.2020	PIL/ VK2/ IRCON/ 667 / 2020	Submission of GFC Drawing of BOX At MNB Ch 329+062 in A2 Size Paper sheet.
70	29.09.2020	PIL/ VK2/ IRCON/ 668 / 2020	Compliance for Submission of Design & Drawing of Supporting arrangement for PSC Girder at MNB Ch. 324+193 (Drawing in A2 Size)
71	30.09.2020	PIL/ VK2/ IRCON/ 669 / 2020	Submission of Design & Drawings of Box Culverts at/over Interchange at CH. 353+666
72	30.09.2020	PIL/ VK2/ IRCON/ 670 / 2020	Compliance for Submission of Company profile & Credentials of M/s Helifix India Pvt Ltd and HIT Rebar design by HILTL India Ltd for pier jacking for VOP at ch-349+441 for Source approval.

Details of Letter Correspondence From IRCON TO PIL

Sr.	Date	Letter Number	Subject
1	01.09.2020	IRCON/ 3019/ VKE/ PATEL / 1986	Regarding Slow Progress of Works
2	01.09.2020	IRCON/ 3019/ VKE/ PATEL / 1987	Minutes of Progress Review Meeting held on 19.08.2020 to review and discuss about the progress and various technical and contractual issues in the project.
3	01.09.2020	IRCON/ 3019/ VKE/ PATEL / 1988	Regarding construction of I girder for the structures having multiple span.
4	01.09.2020	IRCON/ 3019/ VKE/ PATEL / 1989	Submission of Detailed drawing of Highway Lighting
5	01.09.2020	IRCON/ 3019/ VKE/ PATEL / 1990	Testing of bearings manufactured by M/s Hercules (SEA) SDN BHD.
6	01.09.2020	IRCON/ 3019/ VKE/ PATEL / 1991	Regarding construction of I girder for the structures having multiple span.
7	05.09.2020	IRCON/ 3019/ VKE/ PATEL / 1003/ 2006	Regarding Justification for PQC in two passes and Methodology for Paving PQC in two passes & panel arrangement drawing.
8	07.09.2020	IRCON/ 3019/ VKE/ PATEL /2010	Submission of test Results of Borrow Area no. BA -53B, 53C, 53D, 67E, 81C,81D, 81E, and 83A
9	07.09.2020	IRCON/ 3019/ VKE/ PATEL /2011	Submission of Design and Drawing of Interchange at Ch. 323+075.
10	08.09.2020	IRCON/ 3019/ VKE/ PATEL /2013	Source approval of M/s Vigyashree Sharoda Infrastructure Ltd (VSIL) for Bridge Bearing and Expansion joint source approval
11	08.09.2020	IRCON/ 3019/ VKE/ PATEL /2014	Submission of Design of Elastomeric Bearing for MNB at Ch. 324+193 & MNB at Ch. 330+640.
12	08.09.2020	IRCON/ 3019/ VKE/ PATEL /2015	Invocation of Bank Guarantee no. BG/PER/05560018218 dt. 06.11.2018 submitted towards Performance Security in favour of M/s Patel Infrastructure Limited.
13	08.09.2020	IRCON/ 3019/ VKE/ PATEL /2016	Invocation of Bank Guarantee no. 0194618BG0019516 dt. 06.11.2018 submitted towards Performance Security in favour of M/s Patel Infrastructure Limited.
14	08.09.2020	IRCON/ 3019/ VKE/ PATEL /2017	Invocation of Bank Guarantee no. 0194618BG0019515 dt. 06.11.2018 submitted towards Performance Security in favour of M/s Patel Infrastructure Limited.
15	08.09.2020	IRCON/ 3019/ VKE/ PATEL /2018	Extension of Performance Bank Guarantee
16	08.09.2020	IRCON/ 3019/ VKE/ PATEL /2019	Submission of compliance against proposal of Precast Shoulder Drain in aspect of Value Engineering as per NHA Circular/Policy Guidelines dt. 08.07.2020
17	09.09.2020	IRCON/ 3019/ VKE/ PATEL /2025	Monthly Progress Report of M/s Patel Infrastructure Limited (PIL) (For the Month of July2020
18	09.09.2020	IRCON/ 3019/ VKE/ PATEL /2026	Delay in submission & finalization of Design & Drawings of various structures
19	10.09.2020	IRCON/ 3019/ VKE/ PATEL /2031	Staff tested positive for COVID-19 who are working in the Site office of the Independent Engineer (Team Leader office at Vadodara) and remaining staff having close contact with them.
20	10.09.2020	IRCON/ 3019/ VKE/ PATEL /2032	Programme of Inspection on the Project Highway for the month of September 2020 and Monthly Review Meeting for September 2020.
21	14.09.2020	IRCON/ 3019/ VKE/ PATEL /2036	Submission of Design and Drawing of Flyover at Ch. 344+383
22	14.09.2020	IRCON/ 3019/ VKE/ PATEL /2040	Source approval of M/s Vigyashree Sharoda Infrastructure LTD (VSIL) for Bridge Bearing and Expansion joint source approval.
23	14.09.2020	IRCON/ 3019/ VKE/ PATEL /2041	Submission of Weekly Progress Report
24	15.09.2020	IRCON/ 3019/ VKE/ PATEL /2044	Submission of Revised Highway Plan & Profile for Interchnage at Km. 353+666
25	15.09.2020	IRCON/ 3019/ VKE/ PATEL /2045	Submission of M 20 Concrete Mix Design for Kerb.
26	15.09.2020	IRCON/ 3019/ VKE/ PATEL /2046	Regarding justification for PQC in two passes and Methodology for Paving PQC in two passes & panel arrangement drawing
27	16.09.2020	IRCON/ 3019/ VKE/ PATEL /2050	Submission of compliance against proposal of Precast Shoulder Drain in aspect of Value Engineering as per NHA Circular/Policy Guideline dated 08.07.2020
28	16.09.2020	IRCON/ 3019/ VKE/ PATEL /2051	Patod Minor well and controlling valve shifting in ROW at ch. 351+265
29	16.09.2020	IRCON/ 3019/ VKE/ PATEL /2057	Minutes of the Review Meeting held under the Chairmanship of Member (P) for review of all projects related to Bharatmala Division in the state of Gujarat held on 20.08.2020
30	16.09.2020	IRCON/ 3019/ VKE/ PATEL /2058	To handover the total area of 61549 Sq. Mtr. of Land of Village : Samiyala for the construction of the Vadodara -Mumbai Expressway to National Highways Authority of India
31	16.09.2020	IRCON/ 3019/ VKE/ PATEL /2060	Regarding Initial Pile Load & Routine Pile load Tests
32	17.09.2020	IRCON/ 3019/ VKE/ PATEL /2062	Submission of Test Results of Borrow Area No. BA -90, 90A, 90B, 90C, 91, 91A, 93 and 93A.
33	17.09.2020	IRCON/ 3019/ VKE/ PATEL /2063	Submission of High Strain Dynamic Pile Load Testing Reports for MNBR at Ch.350+143,354+636 & 343+566 conducted by M/s Aadhya Engineering Services.
34	17.09.2020	IRCON/ 3019/ VKE/ PATEL /2064	Methodology for Paving PQC in two passes of 9.375m each.
35	17.09.2020	IRCON/ 3019/ VKE/ PATEL /2065	Submission of Test Results of Borrow Area no. BA -92,92A,89A and 89B
36	18.09.2020	IRCON/ 3019/ VKE/ PATEL /2068	Submission of Design and Drawing of Flyover at ch.344+383
37	18.09.2020	IRCON/ 3019/ VKE/ PATEL /2069	Submission of Test Results of Borrow Area No. BA-72D, 79B, 82B, 82C, 85, 85A, 86, 86A, 88, 88A, 88B and 89.
38	18.09.2020	IRCON/ 3019/ VKE/ PATEL /2070	Submission of QAP and W.P.S.S. OF M/s HMM Infra Ltd for 36.0M span Composite Girder to be used for ROB at ch.-352+968.
39	18.09.2020	IRCON/ 3019/ VKE/ PATEL /2071	Source approval of M/s Aro Plast Enterprise, Ahmedabad for Cable duct to be used in Project highway.

Details of Letter Correspondence From IRCON TO PIL			
Sr.	Date	Letter Number	Subject
40	18.09.2020	IRCON/ 3019/ VKE/ PATEL /2072	Source approval of M/s Prince Piping System for Cable duct to be used in Project expressway.
41	19.09.2020	IRCON/ 3019/ VKE/ PATEL /2075	Shifting of various 220 KV & 400 KV Transmission lines of POWERGRID for the proposed Vadodara - Mumbai Eight Lane Expressway in the State of Gujarat.
42	19.09.2020	IRCON/ 3019/ VKE/ PATEL /2076	Submission of Design and Drawing of foundation , sub structure and superstructure of VOP at km 326+957.
43	19.09.2020	IRCON/ 3019/ VKE/ PATEL /2078	Leave of absence of Team Leader.
44	21.09.2020	IRCON/ 3019/ VKE/ PATEL /2081	Submission of joint inspection report on verification of Structures locations on the Expressway and information regarding structures relocated
45	21.09.2020	IRCON/ 3019/ VKE/ PATEL /2082	Submission of Proposal for Change of Scope as per Article 13 of Contract Agreement
46	21.09.2020	IRCON/ 3019/ VKE/ PATEL /2085	Submission OF Methodology of Kerb Construction
47	21.09.2020	IRCON/ 3019/ VKE/ PATEL /2086	Status of Plantation.
48	22.09.2020	IRCON/ 3019/ VKE/ PATEL /2088	Submission of Design & Drawing of Supporting arrangement for PSC girder at MNB Ch. 324+193.
49	22.09.2020	IRCON/ 3019/ VKE/ PATEL /2089	Submission of Methodology of Kerb Construction
50	23.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2090	Source approval of M/s Accurate Infranet for source approval of mesh to be used in chain link fencing
51	23.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2091	Source approval of M/s Bansal wires for source approval of chain link fencing wires to be used in Project Expressway
52	23.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2092	Inspection Report of the Independent Engineer for the month of September 2020.
53	23.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2093	Minutes of Progress Review Meeting held on 15.09.2020 to review and discuss about the progress and various technical and contractual issue in the project.
54	23.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2094	Delay in submission & finalization of Design & Drawings of various structures
55	23.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2095	Demand Note for ONGC, Ankleshwar Asset in r/o of oil well Karzan # 9 in Package II.
56	24.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2100	Methodology of Kerb construction
57	24.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2101	Source approval of M/s Raj Plastic Industries, Vadodara for Cable duct to be used in Project Expressway.
58	24.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2104	Compliance of Third Party test report of TATA Mundra Flyash for source approval.
59	26.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2110	Regarding Methodology for PQC Paving in two passes (10.50x8.25) and Panel arrangement drawing.
60	26.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2111	Inspection of Structures, Retaining wall and RE walls in National Highways.
61	26.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2112	Request for approval of Application for interim Extension of time for Project Completion Schedule (Schedule -J) in pursuant to Clause 10.5 of the Contract Agreement
62	26.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2116	Submission of Company profile & Credentials of M/s Heliflix India Pvt Ltd and HIT Rebar design by HILTL India Ltd for pier jacketing for VOP at ch-349+441 for Source approval
63	28.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2119	Submission of Company profile & credentials for Source approval of M/S DECG International for procurement of Elastomeric Bearings to be used in Project expressway
64	28.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2120	Submission of Design and Drawing of Minor Bridge at ch. 324+193
65	28.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2121	Submission of revised drawing of wayside Amenities for Ch. 347+410 & 346+060
66	28.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2122	Submission of Proposal for Change of Scope as per Article 13 of Contract Agreement, (a) Single Row Pipe Culvert at km 333+850 , (b) Double Row Pipe culvert at Km 332+050
67	29.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2123	To handover the total area 61549 Sq. Mtr. of land of village ; Samiyala for the Construction of the Vadodara - Mumbai Expressway to National Highways Authority of India
68	29.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2124	Permission for laying 12.75" OD x 0.25" WT MS Pipeline along with OFC across Vadodara Mumbai Expressway (Under Construction) between Ch. 325 Km & 326 Km. for Dahej Dumad Section of Kandla Gorakhpur LPG pipeline project.
69	29.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2125	GAIL compound wall at ch. 343+466
70	30.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2136	Submission of Toll Plaza Administrative Building Plan layout.

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

B/A No.	RFI No.	Date Of Sampling	Date Of Testing	Survey No.	Village	Type of land	Area (Hec.)	Contractor Name	LOCATION	SIDE	Lead(Mtr)	Qty (Cum)	No. of Pit	MDD	OMC	Gravel	Sand	Silt & Clay	LL	PI	FSI	CBR	Used For	REMARKS
1	6	13-12-18	23-01-19	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	01-03-19	06-03-19	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	18-03-19	19-03-19	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	29-03-19	31-03-19	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	12-04-19	19-04-19	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	12-04-19	19-04-19	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	10-01-19	29-01-19	315	Goriyad	Suflam-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	22-06-19	24-06-19	315	Goriyad	Suflam-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	07-01-20	12-01-20	315	Goriyad	Suflam-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	07-01-20	13-01-20	315	Goriyad	Suflam-Suflam	3.13.92	M/s Sukhvinder	346+800	RHS	90	33000	22	1.860	12.65	4.19	34.87	60.94	29.61	9.77	17.49	-	Emb.	Approved
3	24	23-01-19	02-02-19	183	Mater	Suflam-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	15-04-19	19-04-19	183	Mater	Suflam-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	23-05-19	19-04-19	183	Mater	Suflam-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	24-07-19	25-07-19	183	Mater	Suflam-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	20-01-20	03-02-20	183	Mater	Suflam-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	24-01-20	20-02-20	183	Mater	Suflam-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.	Approved
4	38	30-01-19	13-02-19	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	12-02-19	21-02-19	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	02-03-19	06-03-19	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	02-04-19	19-04-19	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	29-05-19	10-06-19	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	12-02-19	20-02-19	386	Mater	Suflam-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	09-03-19	10-03-19	722	Goriyad	Suflam-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	29-05-19	11-06-19	722	Goriyad	Suflam-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	13-06-19	15-06-19	722	Goriyad	Suflam-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	29-02-20	12-03-20	722	Goriyad	Suflam-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.	Approved
8(D)	12906	29-02-20	12-03-20	722	Goriyad	Suflam-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.	Approved
9	29	16-02-19	22-02-19	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	26-07-19	26-07-19	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	06-03-19	08-03-19	29,25,28	Surwada	Suflam-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)	16-04-19	17-04-19	29,25,28	Surwada	Suflam-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	22-04-19	02-06-19	29,25,28	Surwada	Suflam-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	23-05-19	19-04-19	29,25,28	Surwada	Suflam-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	24-07-19	26-07-19	29,25,28	Surwada	Suflam-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	22-02-19	28-02-19	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	23-05-19	24-05-19	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	27-05-19	30-05-19	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	29-05-19	10-06-19	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	30-05-19	12-06-19	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	31-05-19	14-06-19	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	22-02-19	03-03-19	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	23-02-19	06-03-19	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	04-04-19	19-04-19	81,82	Sadad	Private	1.582	M/s BGB Earthmover	336+950	RHS	780 mtr	24000	16	1.831	11.57	3.60	41.58	55.32	28.60	8.86	18.02	-	Emb.	Approved
16 (B)	2252	24-05-19	10-06-19	81,82	Sadad	Private	1.582	M/s BGB Earthmover	336+950	RHS	780 mtr	24000	16	1.838	12.05	4.23	32.03	64.80	31.20	11.80	30.00	-	Emb.	Approved
16 (C)	3090	15-06-19	16-06-19	81,82	Sadad	Private	1.582	M/s BGB Earthmover	336+950	RHS	780 mtr	24000	16	1.867	11.17	3.83	45.83	50.34	27.69	8.42	17.92	11.18	S.G.	Approved
17	65	01-04-19	03-04-19	892	Handod	Suflam-Suflam	3.80	M/s Radhe Krishna	333+000	RHS	0.6 Km	30000	20	1.891	12.60	3.86	38.92	57.22	30.86	11.01	25.00	-	Emb.	Approved
17 (A)	2209	23-05-19	24-05-19	892	Handod	Suflam-Suflam	3.80	M/s Radhe Krishna	333+000	RHS	0.6 Km	30000	20	1.865	10.06	4.42	37.01	58.57	29.76	10.28	21.92	10.51	S.G.	Approved
17 (B)	2354	27-05-19	29-05-19	892	Handod	Suflam-Suflam	3.80	M/s Radhe Krishna	333+000	RHS	0.6 Km	30000	20	1.865	12.70	3.31	38.24	58.47	27.86	8.69	19.92	12.1	S.G.	Approved
17 (C)	2485	29-05-19	05-06-19	892	Handod	Suflam-Suflam	3.80	M/s Radhe Krishna	333+000	RHS	0.6 Km	30000	20	1.870	11.50	4.23	36.29	59.51	27.77	9.83	19.00	10.04	S.G.	Approved
17 (D)	2485	29-05-19	10-																					

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 (Cum)	No. of Pit	MDD	OMC	Gravel	Sand	Silt& Clay	LL	PI	FSI	CBR	Used For	REMARKS	
24 (E)	11297	20-01-20	21-01-20	23	Kanbha	Private	3.44.99	M/s Sagar Infra	329+500	LHS	0.8 Km	48000	32	1.888	11.85	3.17	36.87	59.97	28.39	8.98	19.06	12.90	S.G.	Approved	
25	580	29-03-19	01-04-19	364	Manpur	Private	1.15.80	M/s ABCC Builders	336+000	RHS	0.8 Km	18000	12	1.875	12.33	3.34	38.91	57.63	30.71	10.72	25.28	-	Emb.	Approved	
25 (A)	9211	26-11-19	04-12-19	364	Manpur	Private	1.15.80	M/s ABCC Builders	336+000	RHS	0.8 Km	18000	12	1.800	11.90	3.59	35.81	60.58	29.36	9.89	22.50	-	Emb.	Approved	
25 (B)	9211	26-11-19	05-12-19	364	Manpur	Private	1.15.80	M/s ABCC Builders	336+000	RHS	0.8 Km	18000	12	1.852	12.50	3.56	34.29	62.18	29.04	9.82	25.00	-	Emb.	Approved	
26	581	29-03-19		423	Kanbha	Suilam-Suflam	1.12		329+550	LHS	0.5 Km													Cancel	
27	582	29-03-19		386	Mater	Suilam-Suflam	0.98		323+000	RHS	0.9 Km														Cancel
28	583	16-03-19	15-04-19	86	Kanbha	Suilam-Suflam	2.36	M/s Sagar Infra	329+600	LHS	0.5 Km	30000	20	1.865	12.51	4.76	38.13	57.1	29.37	10.88	17.33	-	Emb.	Approved	
28 (A)	2254	24-05-19	09-06-19	86	Kanbha	Suilam-Suflam	2.36	M/s Sagar Infra	329+600	LHS	0.5 Km	30000	20	1.888	11.71	3.95	47.57	49.45	27.93	9.38	17.58	-	Emb.	Approved	
28(B)	2407	28-05-19	12-06-19	86	Kanbha	Suilam-Suflam	2.36	M/s Sagar Infra	329+600	LHS	0.5 Km	30000	20	1.886	11.50	3.72	31.42	64.92	29.02	10.46	17.65	-	Emb.	Approved	
28 (C)	10175	21-12-19	23-12-19	86	Kanbha	Suilam-Suflam	2.36	M/s Sagar Infra	329+600	LHS	0.5 Km	30000	20	1.878	11.70	3.97	35.11	60.93	29.07	9.36	27.33	-	Emb.	Approved	
28 (D)	10175	21-12-19	23-12-19	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	04-04-19	12-04-19	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	12-04-19	21-04-19	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	17-04-19	18-04-19	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	18-04-19	20-04-19	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	26-05-19	08-06-19	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	06-04-19	15-04-19	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	28-05-19	09-06-19	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	30-05-19	12-06-19	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	31-05-19	15-06-19	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	10-04-19	27-04-19	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	11-04-19	05-05-19	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	12-04-19	28-04-19	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	22-06-19	23-06-19	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	24-07-19	02-08-19	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	16-04-19	21-04-19	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	28-05-19	13-06-19	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	15-06-19	26-06-19	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	26-02-20	26-02-20	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	28-04-19	01-05-19	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	02-05-19	05-05-19	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	15-06-19	18-06-19	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	21-06-19	21-06-19	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	26-02-20	26-02-20	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	04-05-19	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	18-10-19	06-11-19	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	07-05-19	18-05-19	442	Aangargh	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	07-05-19	23-05-19	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	09-05-19	14-05-19	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	20-01-20	06-02-20	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	20-01-20	08-02-20	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	20-02-20	21-02-20	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	23-02-20	04-03-20	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	09-05-19	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	31-05-19	11-06-19	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	13-05-19							348+300	RHS	0.5 Km														Cancel
43	1858	13-05-19			Varadha	Suilam-Suflam	1.57.11	M/s Katyayni	344+000	LHS	7.0 Km														Cancel
44	1935	15-05-19	04-06-19																						

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 (Cum)	No. of Pit	MDD	OMC	Gravel	Sand	Silt& Clay	LL	PI	FSI	CBR	Used For	REMARKS
50(B)	9871	13-12-19	18-12-19	236	Husepur	Private	0.82.58	M/s BGB Earthmover	338+200	RHS	200 mtr	12015	8	1.853	12.72	4.00	30.31	65.69	30.49	10.77	20.08	-	Emb.	Approved
51	7168	23-10-19	04-11-19	242	Husepur	Private	1.72.67	M/s BGB Earthmover	338+200	RHS	400 mtr	25875	17	1.874	12.58	4.18	34.68	61.15	28.15	8.66	17.35	-	Emb.	Approved
51(A)	9157	25-11-19	07-01-20	242	Husepur	Private	1.72.67	M/s BGB Earthmover	338+200	RHS	400 mtr	25875	17	1.907	12.29	2.82	32.75	64.47	29.29	9.73	15.88	-	Emb.	Approved
51(B)	10749	05-01-20	08-01-20	242	Husepur	Private	1.72.67	M/s BGB Earthmover	338+200	RHS	400 mtr	25875	17	1.884	12.39	3.83	34.70	61.48	29.01	9.33	16.10	-	Emb.	Approved
51(C)	10749	05-01-20	10-01-20	242	Husepur	Private	1.72.67	M/s BGB Earthmover	338+200	RHS	400 mtr	25875	17	1.849	12.75	3.81	34.28	61.91	29.01	9.59	17.94	5.70	Emb.	Approved
51(D)	12511	20-02-20	02-03-20	242	Husepur	Private	1.72.67	M/s BGB Earthmover	338+200	RHS	400 mtr	25875	17	1.890	12.48	3.00	32.00	62.00	28.45	8.35	16.67	-	Emb.	Submitted
51(E)	12511	20-02-20	03-03-20	242	Husepur	Private	1.72.67	M/s BGB Earthmover	338+200	RHS	400 mtr	25875	17	1.875	12.15	3.21	32.55	64.34	29.15	9.12	18.33	-	Emb.	Submitted
52	7982	04-11-19	09-11-19	194/B	Kanbha	Private	1.03.00	Krishna Construction	330+300	LHS	650 mtr	15000	10	1.869	12.3	4.68	30.47	64.85	29.85	9.25	17.17	6.66	Emb.	Approved
52(A)	10176	21-12-19	25-12-19	194/B	Kanbha	Private	1.03.00	Krishna Construction	330+300	LHS	650 mtr	15000	10	1.824	12.35	4.38	33.08	62.57	28.99	8.58	18.33	-	Emb.	Approved
52(B)	10176	21-12-19	25-12-19	194/B	Kanbha	Private	1.03.00	Krishna Construction	330+300	LHS	650 mtr	15000	10	1.845	12.25	4.13	33.13	62.34	28.42	8.34	18.67	-	Emb.	Approved
52(C)	10667	03-01-20	17-01-19	194/B	Kanbha	Private	1.03.00	Krishna Construction	330+300	LHS	650 mtr	15000	10	1.859	12.44	4	32.35	63.61	30.3	10.19	21.5	-	Emb.	Approved
52(D)	10667	03-01-20	18-01-20	194/B	Kanbha	Private	1.03.00	Krishna Construction	330+300	LHS	650 mtr	15000	10	1.850	12.40	3.74	32.5	63.79	28.86	10.42	19.33	-	Emb.	Approved
52 (E)	11296	20-01-20	20-01-20	194/B	Kanbha	Private	1.03.00	Krishna Construction	330+300	LHS	650 mtr	15000	10	1.865	12.25	3.2	36.27	60.50	28.87	8.88	25.15	-	Emb.	Approved
53	7983	04-11-19	10-11-19	43	Jaspur	Sujlam-Suflam	21.68.11	M/s World Earthmover	354+800	LHS	8.0 Km	93188	62	1.827	11.16	1.80	68.81	29.42	25.24	N.P.	18.6	-	Emb.	Approved
53 (A)	11855	04-02-20	11-02-20	43	Jaspur	Sujlam-Suflam	21.68.11	M/s World Earthmover	354+800	LHS	8.0 Km	93188	62	1.862	12.33	2.68	78.65	18.68	22.15	N.P.	19.97	12.44	S.G.	Approved
53 (B)	11855	04-02-20	01-03-20	43	Jaspur	Sujlam-Suflam	21.68.11	M/s World Earthmover	354+800	LHS	8.0 Km	93188	62	1.873	12.26	3.99	33.35	62.66	28.77	8.60	18.38	-	Emb.	Submitted
53 (C)	12592	22-02-20	07-03-20	43	Jaspur	Sujlam-Suflam	21.68.11	M/s World Earthmover	354+800	LHS	8.0 Km	93188	62	1.877	12.20	3.66	36.69	59.65	28.70	8.29	18.10	-	Emb.	Submitted
53 (D)	12592	22-02-20	15-03-20	43	Jaspur	Sujlam-Suflam	21.68.11	M/s World Earthmover	354+800	LHS	8.0 Km	93188	62	1.898	12.1915	3.83	35.89	60.28	28.46	8.40	19.03	-	Emb.	Submitted
54	8289	09-11-19	08-11-19		Pingalwada	Sujlam-Suflam		Pingalwada	339+200	RHS	8.0 Km			1.980	6.30	1.8	89.13	9.07	17.15	N.P.	-	-	Backfilling	Approved
55	8290	09-11-19	14-11-19	353	Husepur	Private	0.59.16	M/s BGB Earthmover	338+500	LHS	500 mtr	6188	4	1.828	12.34	4.25	31.33	64.42	29.05	9.71	18.33	-	Emb.	Approved
55(A)	8733	16-11-19	27-11-19	353	Husepur	Private	0.59.16	M/s BGB Earthmover	338+500	LHS	500 mtr	6188	4	1.803	12.33	3.93	37.60	58.48	29.64	10.84	17.92	-	Emb.	Approved
55(B)	8733	16-11-19	28-11-19	353	Husepur	Private	0.59.16	M/s BGB Earthmover	338+500	LHS	500 mtr	6188	4	1.821	12.53	3.60	35.85	60.55	29.3	10.44	19.58	-	Emb.	Approved
55(C)	9664	07-12-19	15-12-19	353	Husepur	Private	0.59.16	M/s BGB Earthmover	338+500	LHS	500 mtr	6188	4	1.840	12.3	4.03	30.98	65.00	29.29	9.34	17.92	-	Emb.	Approved
55(D)	9664	07-12-20	16-12-19	353	Husepur	Private	0.59.16	M/s BGB Earthmover	338+500	LHS	500 mtr	6188	4	1.824	12.3	3.68	33.25	63.08	29.2	9.95	18.75	-	Emb.	Approved
56	8563	13-11-19	15-11-19	241	Kamola	Private	1.20.59	M/s Banraj Construction	326+500	RHS	2.0 km	15000	10	1.831	13.00	1.80	33.56	64.70	30.56	9.85	18.33	-	Emb.	Approved
56(A)	10085	19-12-19	23-12-19	241	Kamola	Private	1.20.59	M/s Banraj Construction	326+500	RHS	2.0 km	15000	10	1.834	12.74	3.32	30.5	66.18	29.7	9.7	20.5	-	Emb.	Approved
56(B)	10085	19-12-19	24-12-19	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	24-12-19	29-12-19	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	24-12-19	29-12-19	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	05-01-20	06-01-20	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	24-11-19	27-11-19	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	19-12-19	06-01-20	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	19-12-19	06-01-20	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	24-11-19	14-12-19	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	21-12-19	11-01-20	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	21-12-19	13-01-20	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	22-02-20	09-03-20	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	22-02-20	09-03-20	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	04-12-19	06-12-19	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	04-12-19	06-12-19	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	21-12-19	02-01-20	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	21-12-19	02-01-20	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	07-12-19	09-12-19	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	21-12-19	25-12-19	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	21-12-19	25-12-19	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	05-01-20	06-01-20	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	05-01-20	06-01-20	194	Amla	Private	0.95.38	M/s BGB Earthmover	340+800	RHS	10													

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 (Cum)	No. of Pit	MDD	OMC	Gravel	Sand	Silt& Clay	LL	PI	FSI	CBR	Used For	REMARKS
71(C)	12548	21-02-20	06-03-20	433	Sanpa	Private	2.97.61	Dwarkesh	325+700	LHS	1.0 km	22500	15	1.881	12.50	3.78	37.48	58.74	29.45	8.45	16.27	-	Emb.	Approved
72	11225	18-01-20	21-01-20	244	Abhara	Private	1.58.56	M/s Radhe Krishna	330+500	LHS	2.0 km	22500	15	1.865	12.50	4.06	38.01	57.93	28.35	8.74	13.30	4.19	Emb.	Approved
72(A)	11225	18-01-20	21-01-20	244	Abhara	Private	1.58.56	M/s Radhe Krishna	330+500	LHS	2.0 km	22500	15	1.872	12.40	4.3	38.45	57.25	28.2	9.47	13.8	-	Emb.	Approved
72(B)	12549	21-02-20	27-02-20	244	Abhara	Private	1.58.56	M/s Radhe Krishna	330+500	LHS	2.0 km	22500	15	1.875	11.85	3.07	36.99	59.93	28.51	9.19	13.33	-	Emb.	Approved
72(C)	12549	21-02-20	27-02-20	244	Abhara	Private	1.58.56	M/s Radhe Krishna	330+500	LHS	2.0 km	22500	15	1.880	11.90	3.1	37.9	59.00	26.81	8.12	18.78	-	Emb.	Approved
72(D)	13343	13-03-20	21-03-20	244	Abhara	Private	1.58.56	M/s Radhe Krishna	330+500	LHS	2.0 km	22500	15	1.876	12.14	3.62	29.08	67.31	29.37	7.86	15.00	-	Emb.	Approved
73	11259	19-01-20	28-01-20	728	Khamda	Private	0.65.28	M/s Katyayni	342+600	LHS	800 Mtr.	10500	7	1.882	12.50	3.29	36.42	60.29	28.76	9.2	20.72	4.88	Emb.	Approved
73(A)	11259	19-01-20	07-02-20	728	Khamda	Private	0.65.28	M/s Katyayni	342+600	LHS	800 Mtr.	10500	7	1.889	12.57	3.64	34.86	61.41	28.15	9.69	16.67	-	Emb.	Approved
73(B)	12550	21-02-20	06-03-20	728	Khamda	Private	0.65.28	M/s Katyayni	342+600	LHS	800 Mtr.	10500	7	1.852	12.65	3.51	29.35	61.66	28.89	9.7	16.67	-	Emb.	Approved
73(C)	12550	21-02-20	06-03-20	728	Khamda	Private	0.65.28	M/s Katyayni	342+600	LHS	800 Mtr.	10500	7	1.86	12.67	3.51	36.63	59.86	29.66	10.14	17.14	-	Emb.	Approved
74	11349	21-01-20	24-01-20	140	Shihor	Private	19.29.42	Rudra Enterprises	351+000	RHS	13 KM	15000	10	1.903	12.70	4.34	35.55	60.11	28.99	9.03	16.83	4.42	Emb.	Approved
74(A)	11349	21-01-20	06-02-20	140	Shihor	Private	19.29.42	Rudra Enterprises	351+000	RHS	13 KM	15000	10	1.884	12.40	2.88	32.44	64.69	28.68	9.05	17.67	-	Emb.	Approved
74(B)	12551	21-02-20	07-03-20	140	Shihor	Private	19.29.42	Rudra Enterprises	351+000	RHS	13 KM	15000	10	1.892	11.89	3.54	34.8	61.66	29.15	8.58	16.67	-	Emb.	Submitted
74(C)	12551 (A)	21-02-20	07-03-20	140	Shihor	Private	19.29.42	Rudra Enterprises	351+000	RHS	13 KM	15000	10	1.901	12.06	4.1	35.12	60.78	28.75	8.75	16.65	-	Emb.	Submitted
75	11350	21-01-20	29-01-20	244	Kabolaa	Sujlam-Suflam	0.87.01	Baba Ramdev	327+300	RHS	1 KM	15000	10	1.872	12.19	4.07	85.87	10.06	16.5	N.P.	11.67	12.67	Backfilling /Subgrade	Approved
75(A)	11350	21-01-20	06-02-20	244	Kabolaa	Sujlam-Suflam	0.87.01	Baba Ramdev	327+300	RHS	1 KM	15000	10	1.890	12.31	4.4	84.35	11.25	16.75	N.P.	13.33	14.30	Backfilling /Subgrade	Approved
75(B)	12513	20-02-20	28-02-20	244	Kabolaa	Sujlam-Suflam	0.87.01	Baba Ramdev	327+300	RHS	1 KM	15000	10	1.897	12.26	3.42	86.06	10.52	16.25	N.P.	11.33	-	Backfilling	Approved
75(C)	12513	20-02-20	29-02-20	244	Kabolaa	Sujlam-Suflam	0.87.01	Baba Ramdev	327+300	RHS	1 KM	15000	10	1.884	12.30	2.79	86.01	11.20	16.72	N.P.	13.33	7.68	Backfilling	Approved
76	11637	29-01-20	30-01-20	444	Bhayeli	Private	0.71.83	Baba Ramdev	351+100	LHS	5.0KM	7500	5	1.877	12.34	3.06	47.46	49.48	30.06	10.02	22.67	4.65	Emb.	Approved
76(A)	11637	29-01-20	05-02-20	444	Bhayeli	Private	0.71.83	Baba Ramdev	351+100	LHS	5.0KM	7500	5	1.886	11.80	3.64	35.78	60.58	29.13	9.8	26.5	-	Emb.	Approved
76(B)	12595	22-02-20	24-02-20	444	Bhayeli	Private	0.71.83	Baba Ramdev	351+100	LHS	5.0KM	7500	5	1.885	12.19	3.69	33.73	62.58	27.19	9.52	20	-	Emb.	Approved
77	11676	30-01-20	31-01-20	7	Shewasi	Private	0.72.85	Baba Ramdev	351+100	RHS	2.5 KM	7500	5	1.895	12.30	4.14	36.99	58.87	28.89	9.41	23.67	-	Emb.	Approved
77(A)	11676	30-01-20	05-02-20	7	Shewasi	Private	0.72.85	Baba Ramdev	351+100	RHS	2.5 KM	7500	5	1.888	12.37	3.84	35.06	61.10	29.76	9.12	25.67	4.54	Emb.	Approved
77(B)	12596	22-02-20	12-03-20	7	Shewasi	Private	0.72.85	Baba Ramdev	351+100	RHS	2.5 KM	7500	5	1.880	12.22	4.2	37.8	58.00	29.14	8.89	22.56	-	Emb.	Submitted
78	11677	30-01-20	05-02-20	197	Madhapur	Private	1.04.75	Baba Ramdev	348+500	LHS	3.0 KM	15000	10	1.900	12.21	3.23	33.11	63.66	30.08	10.13	16.83	-	Emb.	Approved
78(A)	11677	30-01-20	06-02-20	197	Madhapur	Private	1.04.75	Baba Ramdev	348+500	LHS	3.0 KM	15000	10	1.918	12.36	3.16	33.59	63.26	29.81	9.98	17.33	-	Emb.	Approved
78(B)	12597	22-02-20	11-03-20	197	Madhapur	Private	1.04.75	Baba Ramdev	348+500	LHS	3.0 KM	15000	10	1.890	12.11	4.15	35.4	60.45	30.15	9.55	18.33	-	Emb.	Submitted
78(C)	12597	22-02-20	11-03-20	197	Madhapur	Private	1.04.75	Baba Ramdev	348+500	LHS	3.0 KM	15000	10	1.887	12.39	3.8	38.9	57.30	30.2	9.87	18.75	-	Emb.	Submitted
79	11678	30-01-20	07-02-20	308/1	Kalali	Private	0.81.72	Baba Ramdev	351+100	RHS	5.0 KM	6188	4	1.89	12.28	4.23	33.28	62.50	29.20	9.00	17.50	-	Emb.	Approved
79(A)	11678	30-01-20	07-02-20	308/1	Kalali	Private	0.81.72	Baba Ramdev	351+100	RHS	5.0 KM	6188	4	1.905	12.39	3.20	33.60	63.20	29.08	8.98	17.50	-	Emb.	Approved
79(B)	12598	22-02-20	20-03-20	308/1	Kalali	Private	0.81.72	Baba Ramdev	351+100	RHS	5.0 KM	6188	4	1.890	12.16	3.55	29.07	67.38	28.88	8.18	15.00	-	Emb.	Approved
80	11679	30-01-20	31-01-20	172	Sadad	Private	0.50.45	M/s BGB Earthmover	336+350	LHS	500 mtr	7500	5	1.893	12.30	5.20	56.22	35.58	29.85	10.41	17.33	12.84	S.G.	Approved
80(A)	11679	30-01-20	01-02-20	172	Sadad	Private	0.50.45	M/s BGB Earthmover	336+350	LHS	500 mtr	7500	5	1.910	12.05	4.31	58.75	36.94	29.8	10.18	20.66	13.33	S.G.	Approved
80(B)	12509	20-02-20	24-02-20	172	Sadad	Private	0.50.45	M/s BGB Earthmover	336+350	LHS	500 mtr	7500	5	1.893	12.30	5.2	56.26	38.54	29.85	10.42	16.67	-	Emb.	Approved
80(C)	12509	20-02-20	25-02-20	172	Sadad	Private	0.50.45	M/s BGB Earthmover	336+350	LHS	500 mtr	7500	5	1.910	12.05	4.31	58.75	36.94	29.79	10.93	18.67	-	Emb.	Approved
81	11712	31-01-20	01-02-20	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	31-01-20	01-02-20	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	20-02-20	27-02-20	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	20-02-20	25-02-20	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.	Submitted
81D	13748	16-05-20	19-05-20	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.	Submitted
81E	13748	16-05-20	19-05-20	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.	Submitted
82	12360	16-02-20	19-02-20	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	16-02-20	14-03-20	367	Sanpa	Private	0.99.61	Dwarkesh	324+900	RHS	400 mtr	10500	7	1.874	12.13	3.70	36.0857	60.21	29.86	8.07	19.64	9.74	S.G.	Submitted
82(B)	13749	16-05-20	18-05-20	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.	Approved
82(C)	13749	16-05-20	18-05-20	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.	Approved
83	12507	20-02-20	23-02-20	9	Kanbha	Sujlam-Suflam	1.49.08	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	20-02-20	25-02-20	9	Kanbha	Sujlam-Suflam	1.49.08	Krishna Construction	329+000	LHS	100 mtr	10500	7	1.895	12.35	3.85	29.24	66.91	29.00	8.23	19.64	-	Emb.	Submitted
84	12764	26-02-20	26-02-20	728	Khamda	Private	0.69.94	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	26-02-20	27-02-20	728	Khamda	Private	0.69.94	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	11-05-20	13-05-20	266	Padra	Private	0.69.95	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.	Approved
85A	13704	11-05-20	14-05-20	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.	Approved
86	13705	11-05-20	13-05-20	63	Khamda	Private	0.43.55	M/s BGB Earthmover	342+200	RHS	100 mtr	10500	7	1.867	12.21	3.53</								

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 September-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-Sep-20	26.2	32.8	61.00	99.00	-	1,104.20	Sunny & Cloudy	
2	02-Sep-20	26.5	33.1	59.00	94.00	10.00	1,114.20	Sunny	
3	03-Sep-20	26.2	33.7	61.00	99.00	-	1,114.20	Sunny	
4	04-Sep-20	26.2	34.8	57.00	99.00	-	1,114.20	Sunny	
5	05-Sep-20	27.0	35.2	58.00	92.00	-	1,114.20	Sunny	
6	06-Sep-20	27.2	35.6	58.00	94.00	-	1,114.20	Sunny	
7	07-Sep-20	28.8	35.2	59.00	97.00	-	1,114.20	Sunny	
8	08-Sep-20	29.8	35.2	57.00	99.00	-	1,114.20	Sunny	
9	09-Sep-20	29.6	34.8	57.00	98.00	-	1,114.20	Sunny	
10	10-Sep-20	29.6	35.6	54.00	99.00	-	1,114.20	Sunny	
11	11-Sep-20	27.2	35.2	54.00	99.00	30.00	1,144.20	Cloudy	
12	12-Sep-20	27.2	35.6	54.00	99.00	-	1,144.20	Cloudy	
13	13-Sep-20	28.9	33.1	72.00	89.00	-	1,144.20	Sunny	
14	14-Sep-20	28.6	33.2	64.00	93.00	-	1,144.20	Sunny	
15	15-Sep-20	28.2	32.8	65.00	92.00	-	1,144.20	Sunny	
16	16-Sep-20	28.4	33.2	64.00	99.00	15.00	1,159.20	Sunny	
17	17-Sep-20	27.8	34.0	62.00	98.00	20.00	1,179.20	Rainy	
18	18-Sep-20	27.2	33.6	64.00	99.00	2.00	1,181.20	Cloudy	
19	19-Sep-20	27.6	34.2	64.00	99.00	16.00	1,197.20	Cloudy	
20	20-Sep-20	27.0	32.2	76.00	99.00	15.20	1,212.40	Cloudy	
21	21-Sep-20	28.2	33.6	70.00	99.00	45.00	1,257.40	Cloudy	
22	22-Sep-20	28.4	34.4	74.00	99.00	11.00	1,268.40	Cloudy	
23	23-Sep-20	27.4	29.8	91.00	99.00	13.00	1,281.40	Cloudy	
24	24-Sep-20	28.4	33.8	70.00	99.00	-	1,281.40	Cloudy	
25	25-Sep-20	28.6	33.5	67.00	99.00	-	1,281.40	Cloudy	
26	26-Sep-20	28.4	33.4	55.00	92.00	-	1,281.40	Cloudy	
27	27-Sep-20	27.8	33.5	53.00	92.00	-	1,281.40	Cloudy	
28	28-Sep-20	27.9	32.4	63.00	93.00	-	1,281.40	Cloudy	
29	29-Sep-20	28.2	33.1	52.00	89.00	-	1,281.40	Sunny	
30	30-Sep-20	28.2	33.7	55.00	90.00	-	1,281.40	Sunny	

Cumulative Rainfall Till Date

1,281.40 mm


EPC Representative


Concessionaire Representative


IE Representative

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 September-2020

OGL


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

Shoulder

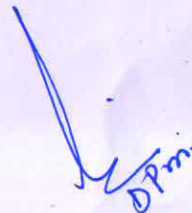
S.No	Description of Test	No. of Test Conducted upto previous month			No. of Test Conducted during this Month				Cummulative Total			Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		I.E. Witness	No. of Test Conducted	Results		
			Passed	Failed		Passed	Failed			Passed	Failed	
1	Proctor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

Existing Site Sample (MCW/SR)

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


 PIL
 PU

EPC Representative


 DPM

Concessionaire Representative



IE Representative



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

MONTHLY PROGRESS REPORT (PKG-II)
The Month of September-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	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	

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	8	8	0	0	0	0	0	8	8	0	Frequency of testing is as per specification
2	Gradation	388	380	8	5	5	0	3	393	385	8	
3	LL/PI	352	352	0	5	5	0	3	357	357	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	

[Handwritten Signature]
 EPC Representative

[Handwritten Signature]
 Concessionaire Representative

[Handwritten Signature]
 Concessionaire Representative

[Handwritten Signature]
 IE Representative

EPC Representative

Concessionaire Representative

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.

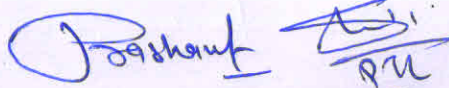
MONTHLY PROGRESS REPORT (PKG-II)
The Month of September-2020

Existing Site Sample(GSB/WMM)

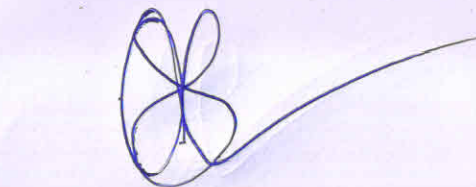
S.No	Description of Test	No. of Test Conducted upto previous month			No. of Test Conducted during this Month				Cummulative Total			Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		I.E. Witness	No. of Test Conducted	Results		
			Passed	Failed		Passed	Failed			Passed	Failed	
1	Proctor 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		
	28 days	0	0	0	0	0	0	0	0	0		
2	M-15 Concrete											
	7 Days	0	0	0	0	0	0	0	0	0		
	28 days	0	0	0	0	0	0	0	0	0		
3	M-20 Kerb											
	7 Days	0	0	0	8	8	0	5	8	8	0	
	28 days	0	0	0	0	0	0	0	0	0		
4	M-20 Concrete											
	7 Days	868	868	0	13	13	0	0	881	881	0	
	28 days	1988	1988	0	10	10	0	0	1998	1998	0	
5	M-25 Concrete											
	7 Days	0	0	0	0	0	0	0	0	0		
	28 days	0	0	0	0	0	0	0	0	0		


 EPC Representative


 Concessionaire Representative


 IE Representative



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

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

6	M-30 Concrete										
	7 Days	658	658	0	23	23	0	15	681	681	0
	28 days	2375	2375	0	37	37	0	21	2412	2412	0
7	M-35 (Pile)										
	7 Days	952	952	0	36	36	0	20	988	988	0
	28 days	5015	5015	0	34	34	0	13	5049	5049	0
8	M-35 (RCC)										
	7 Days	1232	1232	0	45	45	0	25	1277	1277	0
	28 days	4772	4772	0	59	59	0	30	4831	4831	0
9	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
10	M-40 Concrete										
	7 Days	69	69	0	18	18	0	8	87	87	0
	28 days	195	195	0	24	24	0	12	219	219	0
11	M-45 Concrete										
	7 Days	23	23	0	2	2	0	2	25	25	0
	28 days	122	122	0	0	0	0	0	122	122	0
12	M-50 Concrete										
	7 Days	0	0	0	1	1	0	1	1	1	0
	28 Days	0	0	0	0	0	0	0	0	0	0
13	End Block(GP2)	0	0	0	0	0	0	0	0	0	0
14	QLC Concrete										
	07 days	223	223	0	25	25	0	15	248	248	0
15	PQC (M-40)										
	7 Days	16	16	0	4	4	0	2	20	20	0
	28 days	26	26	0	6	6	0	3	32	32	0
16	Beam										
	7 Days	16	16	0	4	4	0	2	20	20	0
	28 days	26	26	0	6	6	0	3	32	32	0

Roshan
RU

EPC Representative

[Signature]
OPM

[Signature]

Concessionaire Representative

[Signature]

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

MONTHLY PROGRESS REPORT (PKG-II)

The Month of September-2020

a)	D.L.C. (Combined Gradation)	85	85	0	13	13	0	10	98	98	0
b)	P.Q.C. (Combined Gradation)	0	0	0	9	9	0	5	9	9	0
c)	Coarse Aggregate Gradation	446	446	1	29	29	0	8	475	475	1
d)	Fine Aggregate Gradation	445	445	0	29	29	0	8	474	474	0
e)	Flakiness Index	234	234	0	14	14	0	6	248	248	0
f)	Impact Test	233	233	0	14	14	0	6	247	247	0
g)	Specific Gravity	18	18	0	0	0	0	0	18	18	0
h)	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

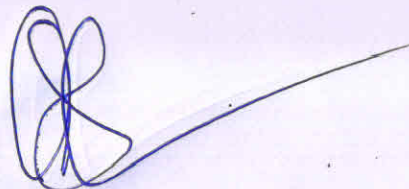
S.No	Description of Test	No. of Test Conducted upto previous month			No. of Test Conducted during this Month				Cumulative Total			Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		I.E. Witness	No. of Test Conducted	Results		
			Passed	Failed		Passed	Failed			Passed	Failed	
1	Consistency	37	37	0	6	6	0	3	43	43	0	Frequency of testing is as per specification
2	Initial & Final Setting Time	37	37	0	6	6	0	3	43	43	0	
3	Fineness	37	37	0	6	6	0	2	43	43	0	
4	Specific Gravity	4	4	0	0	0	0	0	4	4	0	
5	3 days Comp. Strength	41	41	0	5	5	0	2	46	46	0	
6	7 days Comp. Strength	29	29	0	5	5	0	2	34	34	0	
7	28 days Comp. Strength	19	19	0	3	3	0	2	22	22	0	

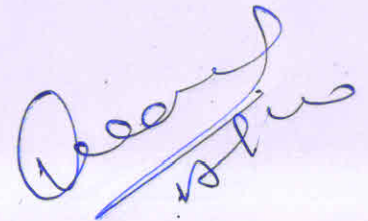


EPC Representative



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


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

(ii) OPC-53 Grade

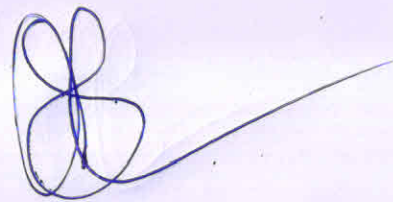
S.No	Description of Test	No. of Test Conducted upto previous month			No. of Test Conducted during this Month				Cumulative Total			Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		I.E. Witness	No. of Test Conducted	Results		
			Passed	Failed		Passed	Failed			Passed	Failed	
1	Consistency	197	197	0	9	9	0	4	206	206	0	
2	Initial & Final Setting Time	197	197	0	9	9	0	5	206	206	0	
3	Fineness	197	197	0	9	9	0	6	206	206	0	
4	Specific Gravity	2	2	0	0	0	0	0	2	2	0	
5	3 days Comp. Strength	204	204	0	7	7	0	3	211	211	0	
6	7 days Comp. Strength	192	192	0	8	8	0	3	200	200	0	
7	28 days Comp. Strength	198	198	0	4	4	0	2	202	202	0	

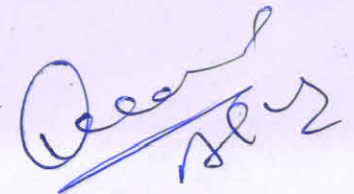
Design Mix/Nominal Mix

S.No	Description of Test	No. of Test Conducted upto previous month			No. of Test Conducted during this Month				Cumulative Total			Remarks
		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	1	1	0	1	1	1	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	
8	M-35 (RE-Block)	9	9	0	0	0	0	0	9	9	0	(28 days Strength Achieved)
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	
15	G.S.B.	2	2	0	0	0	0	0	2	2	0	7 days Strength Achieved
16	W.M.M.	0	0	0	0	0	0	0	0	0	0	
17	M-40 P. Q. C.	13	13	0	5	5	0	5	18	18	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	


 EPC Representative







Concessionaire Representative

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

MONTHLY PROGRESS REPORT (PKG-II)
The Month of September-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	DLC Plant	1	1	0	1	1	0	1	2	2	0	
2	Concrete Batching Plant	38	38	0	5	5	0	4	43	43	0	
3	Hot Mix Plant	0	0	0	0	0	0	0	0	0	0	
4	Rapid Moisture Meter	27	27	0	2	2	0	0	29	29	0	
5	Sand Pouring Cylinder	46	46	0	4	4	0	2	50	50	0	
6	C.T.M.	3	3	0	0	0	0	0	3	3	0	
7	F.T.M.	1	1	0	0	0	0	0	1	1	0	
8	Weight & Balance	9	9	0	0	0	0	0	9	9	0	
9	Proving rings											
	a) 2.5 KN	1	1	0	0	0	0	0	1	1	0	
	b) 25 KN	1	1	0	0	0	0	0	1	1	0	
	c) 50 KN	1	1	0	0	0	0	0	1	1	0	
	d) 100 KN	0	0	0	0	0	0	0	0	0	0	
10	Hot Mix Linnhoff 320	0	0	0	0	0	0	0	0	0	0	

Field Density Test												
S.No	Description of Test	No. of Test Conducted upto previous month			No. of Test Conducted during this Month				Cummulative Total			Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		I.E. Witness	No. of Test Conducted	Results		
			Passed	Failed		Passed	Failed			Passed	Failed	
1	O.G.L.	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	70	70	0	7	1832	1832	0	Ground Improvement
5	W.M.M	0	0	0	0	0	0	0	0	0	0	
6	D.L.C.	378	378	0	110	110	0	11	488	488	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	

*For Test witness
 1st side A.H.G*

Prashant
 EPC Representative

[Signature]

[Signature]
 Concessionaire Representative

[Signature]

XI. ACCIDENT REPORT

Accident Report

Status	Minor	Serious	Serious(RU)	Fatal	Fatal(Road user)	Property Damage	Property Damage(Rental)
Upto Previous Accidents	2	0	0	0	0	0	0
This Month	0	0	0	0	0	0	0
Total Accidents upto Sept'20	2	0	0	0	0	0	0



Site Visit by Project Director Dt. 04.09.2020



Monthly Inspection site Visit Dt.15.09.2020



344+383

TBT conducted

Flyover



Diversion

Sign board installation



323+074	Pier cap curing work	Interchange
---------	----------------------	-------------



353+666 INTERCHANGE PIER CAP STEEL BINDING WORK



329+344	GIRDER CASTING PROGRESS	LVUP
---------	-------------------------	------



329+344	RHS SLAB CONCRETE POURING	LVUP
---------	---------------------------	------



353+666	Pier shaft Concrete Pouring work	Interchange
---------	----------------------------------	-------------



343+856	LHS Slab concrete pouring	LVUP
---------	---------------------------	------



343+856	LHS Slab Casting Completed	LVUP
---------	----------------------------	------



RETAINING WALL 353+440 LIFT CONCRETE POURING IN PROGRESS		
--	--	--



339+942 to 340+320	Texturing & curing at PQC	LHS
--------------------	---------------------------	-----



339+775 TO 340+020	PQC Laying work	RHS
--------------------	-----------------	-----



339+800	PQC Curing	LHS
---------	------------	-----



339+775 TO 340+020	PQC Laying work	RHS
--------------------	-----------------	-----



339+420	Kerb laying work	RHS
---------	------------------	-----



339+420(RHS)	Kerb laying work	Kerb
--------------	------------------	------



332+190 to 332+390	DLC Rolling work	LHS
--------------------	------------------	-----



332+190 to 332+390	DLC Laying Work	LHS
--------------------	-----------------	-----



327+350 to 327+495

DLC Curing work

RHS



339+370

Kerb PCC curing work

RHS



THERMAL SCREENING WORK OF LABOURS



SANITIZATION AT OFFICE PREMISES