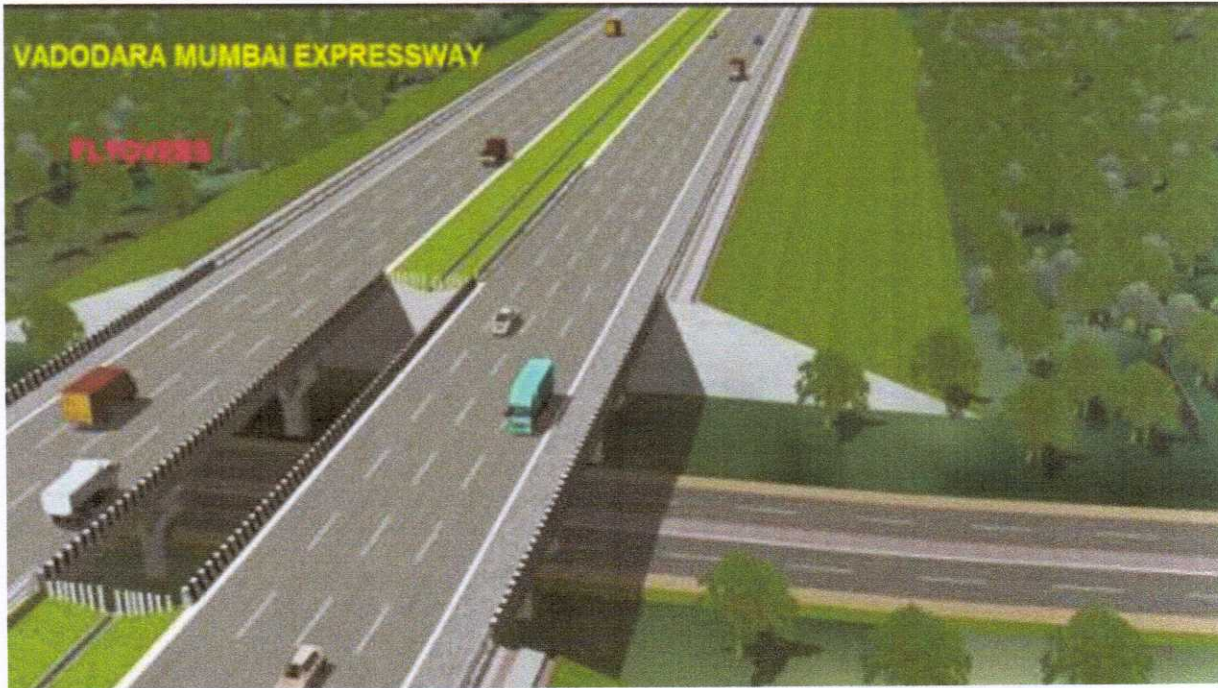


MONTHLY PROGRESS REPORT

January - 2020



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

Concessionaire:



IRCON INTERNATIONAL LIMITED

(A Government of India Undertaking)

EPC Contractor:

PATEL INFRASTRUCTURE LIMITED

PATEL HOUSE, CHANNI, VADODARA

PATEL

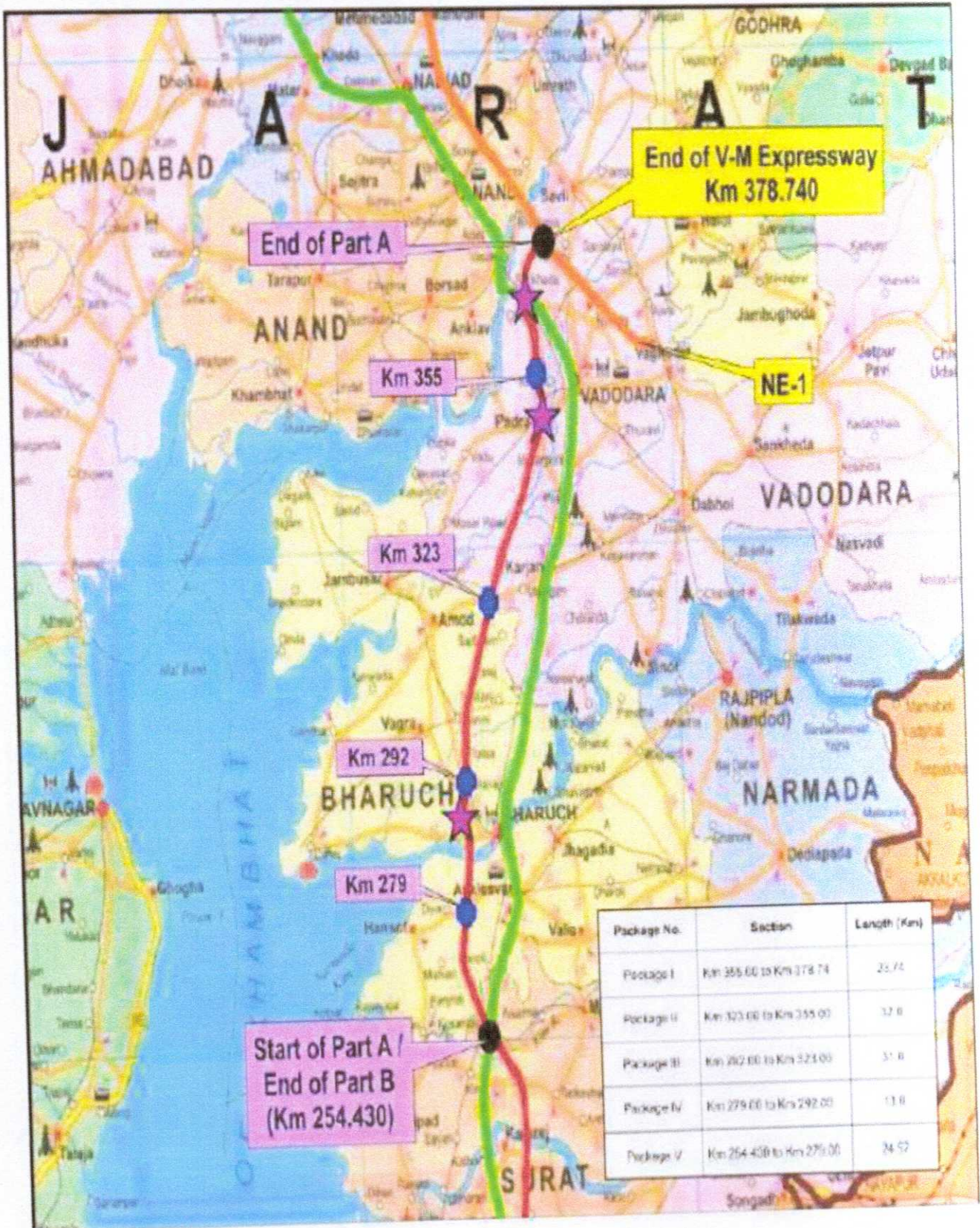
Every Milestone is Our Value

INDEX

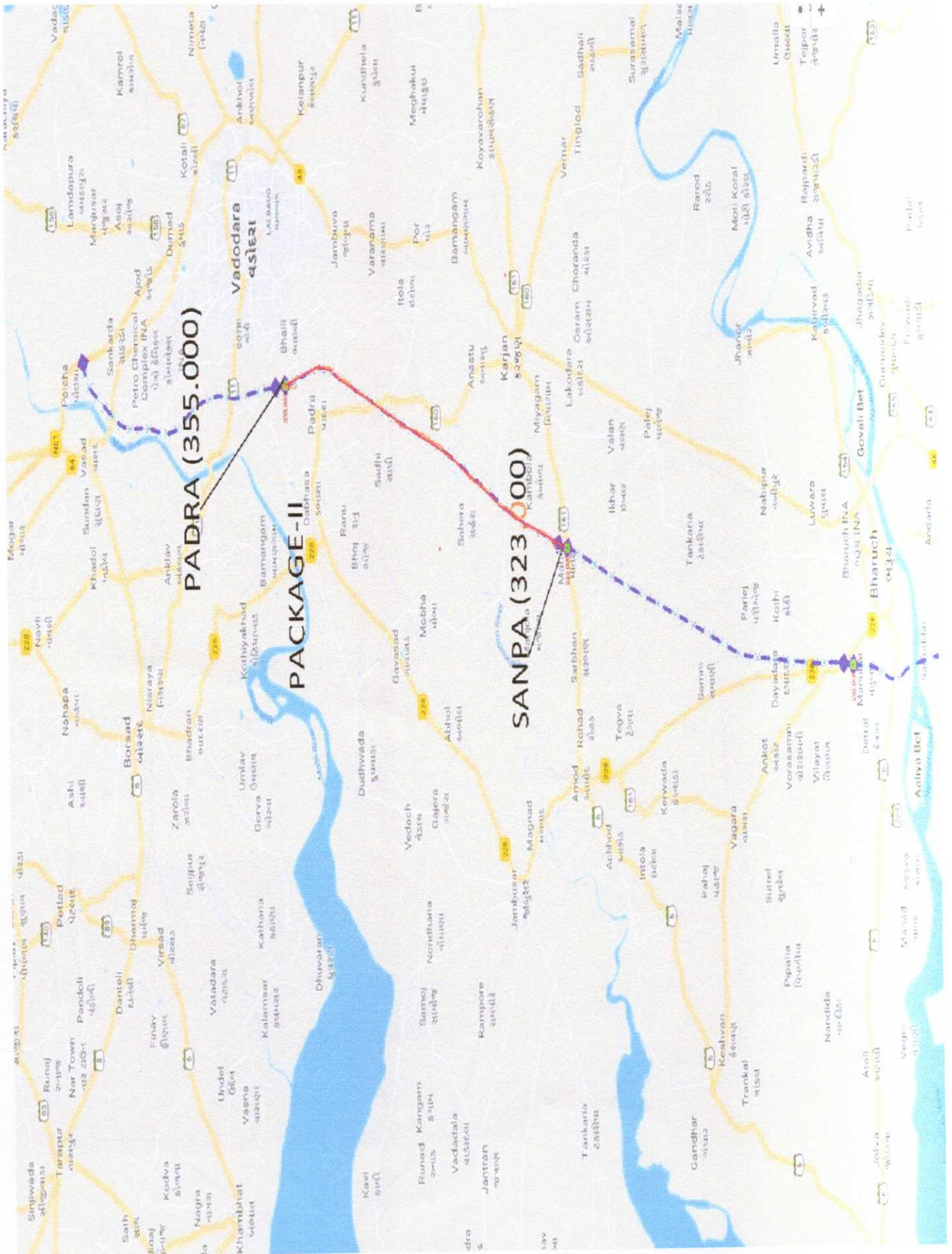
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I. LOCATION PLAN & KEY PLAN

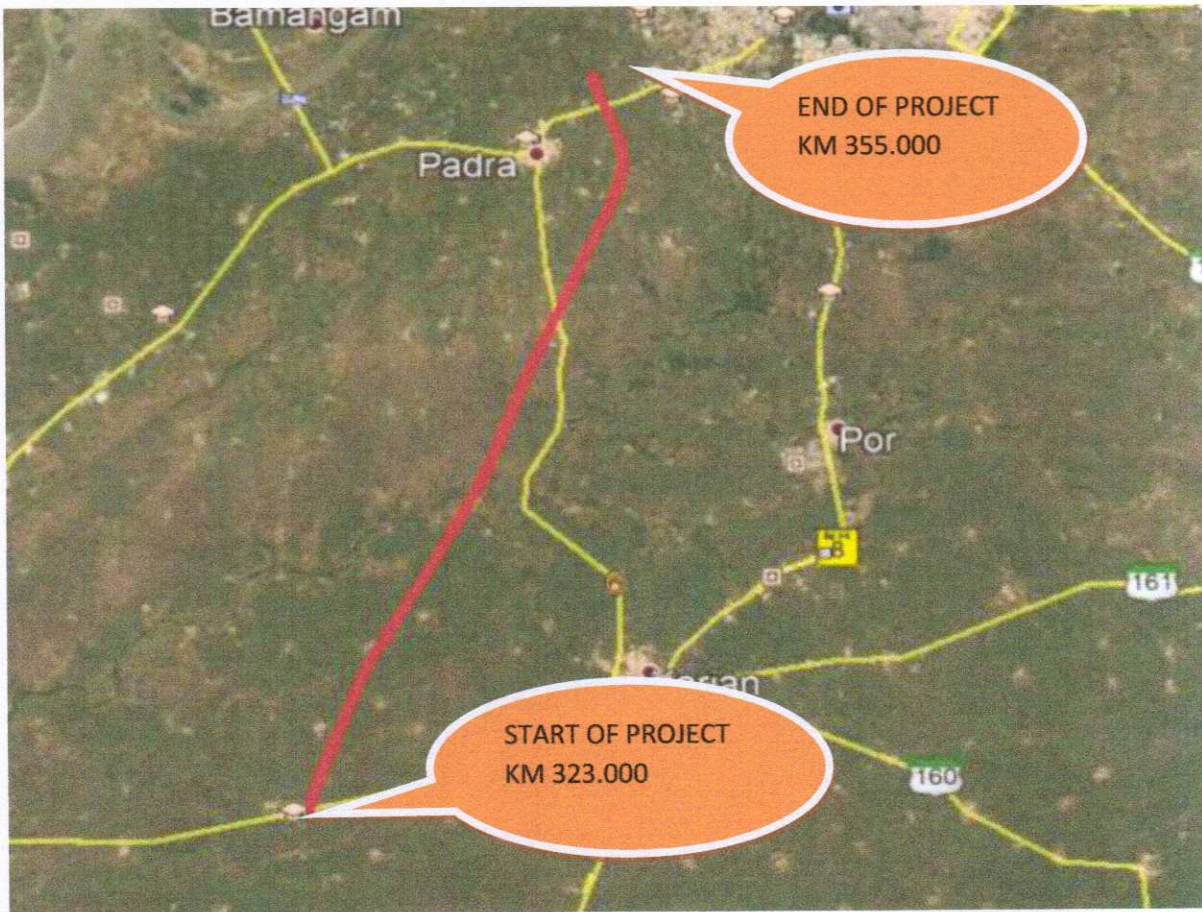
A. Key plan of Expressway



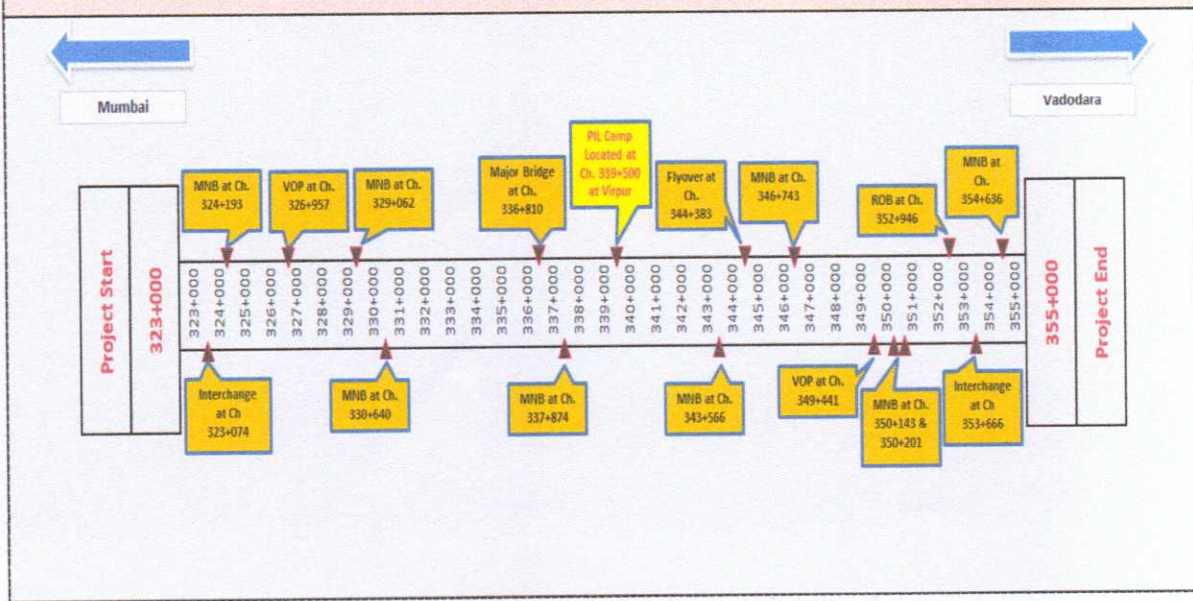
Construction of Eight lane Vadodra Kim Expressway from Km 323.00 to Km 355.00
National Highway Authority of India (NHDP Phase VI)
IRCON International Limited



B. KEY PLAN OF PROJECT



Location Map & Key Plan of the Project



II. EXECUTIVE SUMMARY

A. Project Synopsis

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

The 8-lane controlled access expressway traverses through two districts viz. Karjan and Vadodara in Gujarat State. These districts are rich in industrial production. There are many industrial estates and factories both in public and private sector. The alignment starts near Sanpa at km 323+000 and passes through major villages Bodaka, 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.

Net unencumbered/Unhindered length of road as on date is (31.00 – 5.390) 25.610 km. i.e. 82.61%.

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

This report covers the progress for the month of January 2020. The Embankment work of the main carriageway has been continued and 27.76 Km out of 30.52 Km is in progress. The Executive summary of the reporting month of January 2020 is shown below.

Executive Summary of the Project		
Sl. No	Key Reporting Metrics	Value/%/Amount
1	Cumulative Scheduled Physical Progress (%)	35.45%
2	Cumulative Achieved Physical Progress up to Current month (%)	40.63%
3	Physical progress target during current month (%)	4.61%
4	Physical progress achieved during current month (%)	5.27%
5	Cumulative scheduled financial Progress (%)	26.63%
6	Cumulative Achieved Financial Progress up to Current month (%)	24.50%
7	Financial progress target during current month (%)	4.23%
8	Financial progress achieved during current month (%)	4.95%

III. PROJECT OVERVIEW

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

A. Milestones as per CA:

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

B. Details of Typical Cross section

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

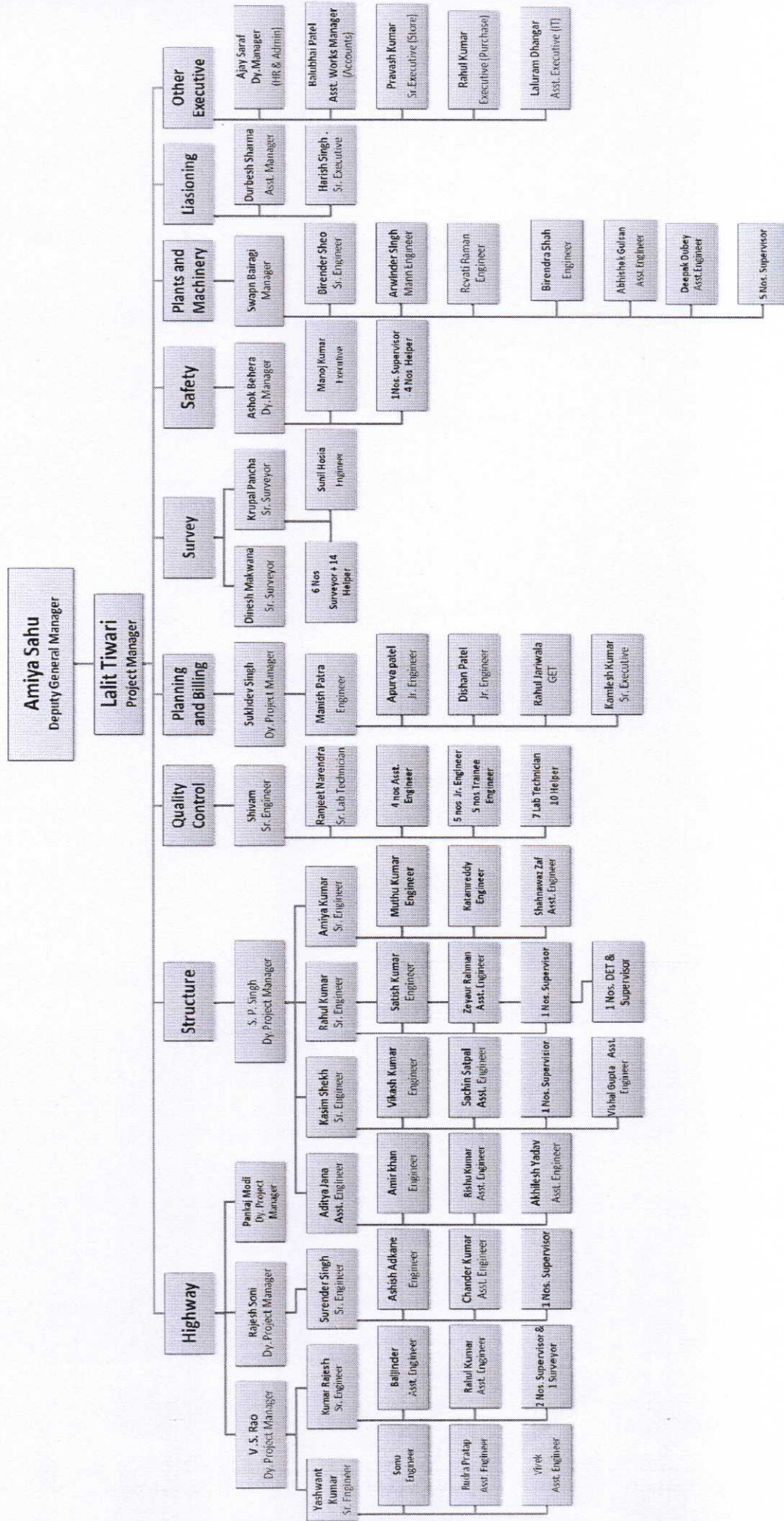
C. Details of MCW:

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

D. Details of Structures:

S. No.	Type of Structure	Details
1	Major Bridge	01 Nos. – (6X42.20mtr)
2	Flyover	01 Nos. – (1X22.627+1X42.065+1X22.627mtr)
3	Interchange	02 Nos. (1X16.9+1X47.2+1X16.9mtr) & (1x48.2+2x (25+25+25.788mtr)
4	ROB	01 Nos. – (2X37.20mtr)
5	Minor bridges	09 Nos.
6	Vehicular underpass	05 Nos. – (1X12mtr)
7	Light Vehicular Underpasses	08 Nos. – (1X12mtr)
8	Culverts (HP/BC)	94 Nos. (42 Nos. Pipe / 52 Nos. Box)
9	CUP	34 Nos. (1X12mtr)
10	Vehicular Overpass	02 Nos. – (2x48.221mtr, 2X41.350mtr)
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
1	Back Hoe Loader	Nos	11	22	
2	Excavator	Nos	19	37	
3	Motor Grader	Nos	19	28	
4	Vibratory Roller/Soil Compactor	Nos	19	39	
5	Wet Mix Paver	Nos	0	0	
6	Wet Mix Plant	Nos	0	1	
7	DLC Paver	Nos	0	1	
8	PQC Paver	Nos	0	1	
9	Hot Mix Plant	Nos	0	0	
10	Bitumen Paver	Nos	0	0	
11	Bitumen Sprayer	Nos	0	0	
12	Boomer	Nos	0	0	
13	Tandem Roller	Nos	0	0	
14	Pneumatic Tyre Roller	Nos	0	0	
15	Dumpers/Tipper	Nos	86	148	
16	FE Loaders/Dozer	Nos	5	10	
17	Water Tanker	Nos	19	48	
18	Compressor	Nos	0	0	
19	Concrete Batching Plant	Nos	1	8	
20	Transit Mixers	Nos	9	40	
21	Concrete Pump + Boom placer	Nos	2	3	
22	Kerb Machine	Nos	0	0	
23	Crusher - 250 MT	Nos	1	0	
24	Weigh Bridge	Nos	4	2	
25	Tractor	Nos	3	10	
26	Diesel Tanker	Nos	2	5	
27	Tempo	Nos	3	0	
28	Tower Light	Nos	4	8	
29	Hydra Crane	Nos	2	6	
30	Vibratory Rammer	Nos	2	0	
31	Dewatering Pump (Portable)	Nos	5	7	
32	Baby Roller	Nos	2	2	
33	Trailer / Platform Truck	Nos	1	6	
34	Vibrator (Needle Type)	Nos	4	12	
35	Kerb Cutter	Nos	2	0	
36	Pile Boring machines	Nos.	6	10	

G. Details of Applicable Permits:

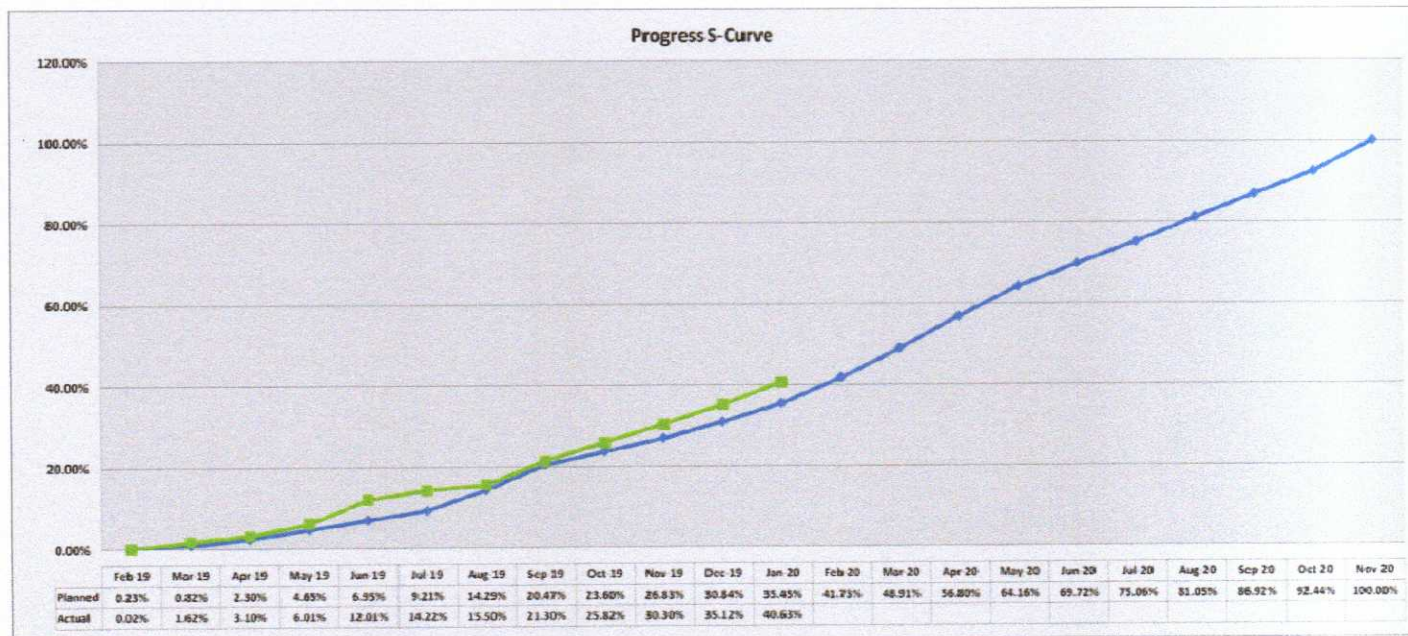
Status of Applicable Permits (As per Schedule F) as on 31st January -20				
Sl. No	Description	Status	Receiving Date	Remarks
1	Permission of the State Government for extraction of boulders from quarry for and in respect of at least 20 (twenty) percent of the total length of the project;	Received	06.12.2018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

IV. Project Progress

A. Physical Progress:

The Physical percentage of the work done is 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 40.63% as on 31st Jan 2020.



Given below is the summary of status of the works executed as on 31st January 2020.

B. Highway Progress:

Sr. No.	Item	Unit	Scope of work	Completed	Work in Progress	Balance work
1	C & G	Km	30.52	27.76	1.6	1.16
2	Embankment	Km	30.52	19.34	9.3	1.88
3	Sub grade	Km	30.52	4.5	3.0	23.02
4	GSB	Km	30.52	4.0	0.8	25.72
5	DLC	Km	30.52	1.2	0.6	28.72
6	PQC	Km	30.52	0	0	30.52

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

C. Structure Progress:

SR. No	Type Of Structure	Total No. of Structure as per CA	Completed Structure	No of Work in progress of structure	Structure To be Taken.	Remarks
1	HPC	42	42	0	0	1.) Pipe laid in 80 (m) length
2	BOX Culvert	52	16	25	11	1.) 36 no Raft Completed and 33Nos Wall 1st lift Completed, and At location 16 Slab Completed
3	Flyover	1	0	1	0	1.) At Location 344+360 All Pile completed. 8 Pile caps completed, 2 Abutment cap & 2 Pier cap Completed
4	ROB	1	0	0	1	Not Started
5	MJB	1	0	1	0	1.) At Location 336+835, Pile work in progress
6	MNB	9	0	9	0	Pile work completed. Substructure is in progress.
8	Interchange	2	0	2	0	1.) At location 324+074, Pile and Pile cap completed. Substructure work in progress. 2.) At location 353+666, Pile cap Completed and substructure work in progress.
9	VOP	2	0	2	0	1.) At Location 349+441, Pile & Pile cap completed. 2.) At Location 326+957, Pile & Pile cap completed
10	LVUP	8	4.5	3.5	0	1.) Substructure and Superstructure work is in progress.
11	VUP	5	3	2	0	1.) Substructure and Superstructure work is in progress.
12	P/CUP	34	14	20	0	1.) Foundation of 34 nos. Completed, 28.5 Wall completed and 14 Slabs Completed.
Total		157	79.5	65.5	12	

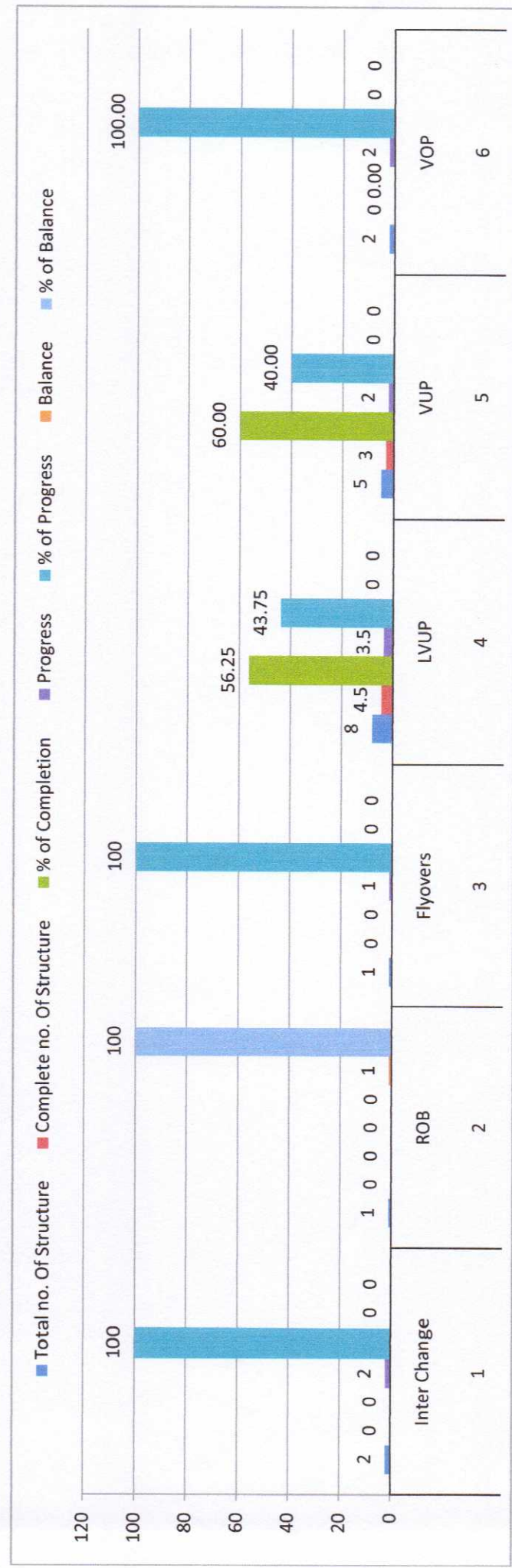
1	Utility Duct	61	61	0	0	1) Utility duct in 75m Length Completed
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Refer **Annexure 1:** Calculation of Physical Progress and **Annexure -3:** Strip Plan showing progress of Expressway for details

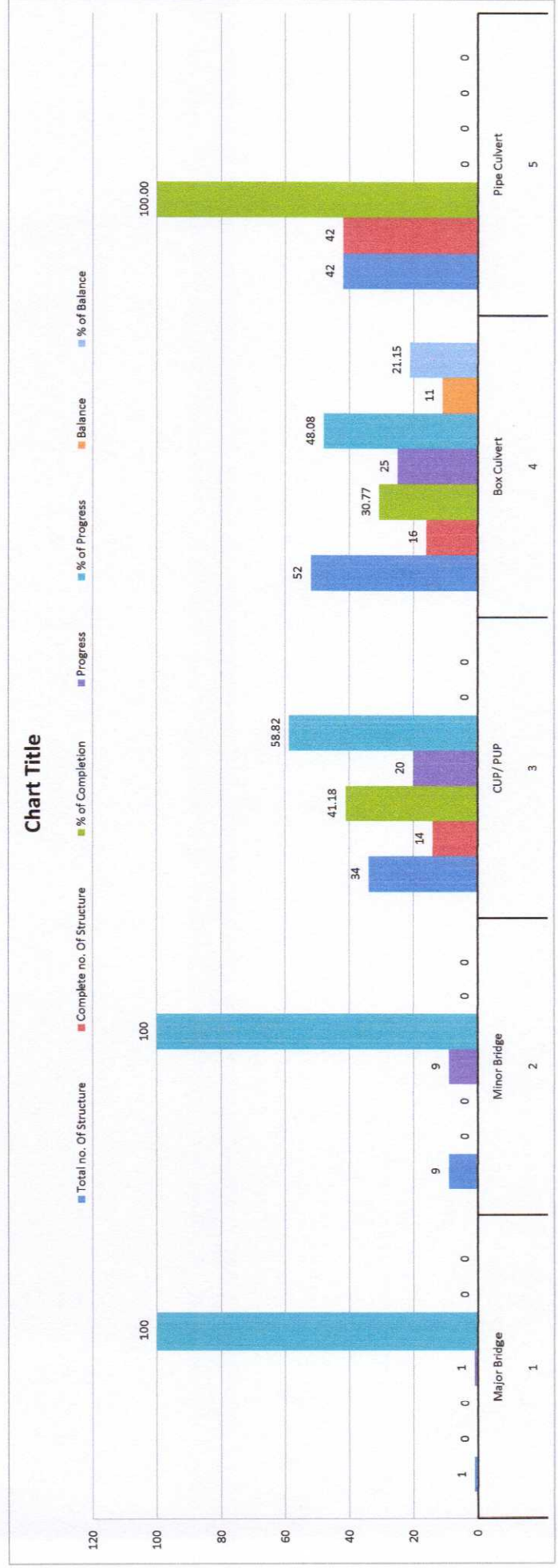
Highway Bar Chart						31.01.2020
S.No.	Type of Work	Total Length	Complete Length	Work in Progress	% of Completion	Balance
1	8 Lane C&G	30520				
2	LHS MCW		27760	700	0.93	2060
3	RHS MCW		27760	700	0.93	2060
4	8 Lane EMB	30520	0			30520
5	LHS MCW		19340	5820	0.82	5360
6	RHS MCW		19340	5820	0.82	5360



Progress Bar Chart for Structure							Status as on 31.01.2020		
Structure Work :- Flyover, PUP, VUP, & ROB									
S.no.	Types Of work	Total no. Of Structure	Complete no. Of Structure	% of Completion	Progress	% of Progress	Balance	% of Balance	
1	Inter Change	2	0	0	2	100	0	0	
2	ROB	1	0	0	0	0	1	100	
3	Flyovers	1	0	0	1	100	0	0	
4	LVUP	8	4.5	56.25	3.5	43.75	0	0	
5	VUP	5	3	60.00	2	40.00	0	0	
6	VOP	2	0	0.00	2	100.00	0	0	



Structure Work :- Flyover, PUP, VUP, & ROB							Status as on 31.01.2020		
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	0	0	9	100	0	0	
3	CUP/ PUP	34	14	41.18	20	58.82	0	0	
4	Box Culvert	52	16	30.77	25	48.08	11	21.15	
5	Pipe Culvert	42	42	100.00	0	0	0	0	



V. Status of Land Acquisition

- Total land for which compensation was paid by NHAI/CALA as on 31stDec 2019 is **96.875%** i.e. **31 Km.** out of total 32km.
- Length of various utilities(hindrances) falling in the clear length of 31 km is **5.390Km**

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 3A
Total Hindered length due to water pipeline etc.	255	Annexure 3B
Total Hindered length due to Structures such as house, shelters etc.	185	Annexure 3C
Total Hindered Area due to Disputed Land	1780	Annexure 3D
Total Hindered length due to Gas lines	820	Annexure 3E
Total Hindered length due to Religious Structures	40	Annexure 3F
Grand Total	5,390	

- Net unencumbered/Unhindered length of road = **31.00 – 5.390 = 25.610 km. i.e. 82.61%.**
- Action taken by M/s. PIL: We are continuously corresponding with Concessionaire and related Authorities for shifting of utilities and Land acquisition Issues.

VI. UTILITY SHIFTING

Status of Utilities in Package II of Vadodara Kim Expressway

Date	31 st January 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. MGVCL demanded 15% of estimate value as supervision charge while NHAI calculated supervision charges of MGVCL @2.5% of estimate value which is till date not acceptable by MGVCL.
GETCO	8	GETCO Estimates approved by RO office on 05.12.2019. Demand Draft (DD) towards supervision charges deposited by PIU, Bharuch on 19.12.2019 which was returned by GETCO with some observations on 24.12.2019. PIU, Bharuch re-submitted DD towards supervision charges on 07.01.2020. GETCO immediately returned DD with a letter saying that Estimates validity period has expired and need to be re-initiated by GETCO on request from NHAI. GETCO sent revised estimate to PIU Bharuch on 30.01.2020.
PGCIL	1	PGCIL sent Estimates to PIU, Bharuch on 18.10.2019 which was forwarded to IE on 01.11.2019. IE recommended the Estimates on 13.11.2019. As desired by IE & PIU, Bharuch, PGCIL submitted justifications for any variation in Contingency, Overhead, Supervision etc. from NHAI guidelines on 09.12.2019 and RO Office approved the estimate on 21.01.2020.
TORRENT	1	Final revised estimates along with all compliances to the observations on previous estimates was submitted by Torrent to PIU, Bharuch on 29.11.2019 which was forwarded to IE by PIU, Bharuch vide email on 19.12.2019. IE recommended the estimates on 20.12.2019. Approval from RO office is awaited.
GWSSB	4	IE vide letter dated 16.08.2019, reviewed the estimates submitted by GWSSB & forwarded by NHAI, PIU Bharuch and recommended to PIU Bharuch for approval. PIU Bharuch vide letter dated 04.10.2019 raised some observations on the estimates to GWSSB which is complied by GWSSB on 08.11.2019 by GWSSB. PIU, Bharuch forwarded the compliances submitted by GWSSB to IE on 11.11.2019 which was once again recommended by IE to PIU on 22.11.2019. DD towards supervision charges deposited by PIU on 08.01.2020.
ONGC	10	After conducting survey of lines by ONGC nominated committee on 07.08.2019, a meeting was held on 09.08.2019 at their Ankleshwar office for some clarification. Discussed the matter of getting " work permission" from ONGC with their GM Sh. Rao on 17.09.2019 and came to know that because of ONGC well which is coming at a distance of 10 metre from our ROW as against 50 metre as desired by ONGC, the matter has been referred to Ministry of Petroleum for further guidance. On pursuance by Concessionaire, a meeting is scheduled on 13.01.2020 with CGM and operation head on how to expedite the approval process.
GAIL	3	As per advise of PIU/NHAI, Concessionaire has sent a request letter along with GADs of affected structures to PIU/NHAI for further intimation to GAIL Authorities regarding the construction of these affected structures. PIU Bharuch also sent duly signed GADs of affected structures to GAIL. As desired by GAIL DGM Sh. Soni, a presentation giving details of pipelines and proposed structures along with their coordinates has been sent to GAIL. Site visit by GAIL representatives done. GAIL has issued two letters to PIU Bharuch for Saraswani and interchange at Padra respectively on 05.11.2019 which was replied by PIU on 20.12.2019. GAIL further sent a demand note for deposition of supervision and other charges on 23.12.2019 and PIU Bharuch deposits supervision charge on 25.01.2020.
GSPL	2	Agreement signed between NHAI & GSPL. NOC received from GSPL.

VII. STATUS OF DESIGN & DRAWING

Sr. No	Type of Structure	Total scope (Nos)	Nos. of structures Submitted to IE	Nos. of structures Approved by IE	Nos. of structures Balance to be reviewed by IE	Change	Submitted to IE/IRCON on	Comments from IE/IRCON on	Compliance given on
1	Interchange	2	2	1	1	323+07 5	PIL/HO/VKE2/IRCON/577/2019 Dt. 13.08.2019	M.O.M. dated 23.09.19 to 26.09.19	Via mail to IE HO designer dated 12.10.2019
						353+66 6	PIL/HO/VKP2/IRCON/580/2019 dt. 17.08.2019	M.O.M. dated 23.09.19 to 26.09.19	<u>PIL-HO-VKP2-IRCON-695-2019 Dt. 16.11.2019</u>
2	Major Bridge	1	1	0	1	336+83 0	Submitted to IE-HO By SES by mail of dt. 19.06.2019	IRCON/3019/VKE/PAT EL/847 dt. 24.09.2019	-
						326+95 7	PIL/HO/VKP2/IRCON/604/2019 Dt. 28.08.2019	-	-
3	VOP	2	2	0	2	349+44 1	PIL/HO/VKP2/IRCON/183/2019 dt. 20.03.2019	IRCON/3019/VKE/PAT EL/370 dt. 03.05.2019	PIL/HO/VKP2/IRCON/638/2019 Dt. 04.10.2019
						324+19 3	PIL/HO/VKP2/IRCON/ 765/2019 Dt. 17.12.2019	-	-
4	Minor Bridge	9	9	4	5	329+06 2	PIL/VKP2/IRCON/308/2019 dt. 28.11.2019	IE Letter no. 459 - 31.05.2019 & IRCON letter no. 489	PIL/HO/VKE2/IRCON/495/2019 Dt. 01.07.2019

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

			dt.11.06.2019
330+63 0	PIL/HO/VKE2/IRCON/ 676/2019 Dt. 06.11.2019		IRCON letter no. 993 dt. 28.11.2019
337+87 4	PIL/VKP2/IRCON/309/2019 dt. 28.11.2019		-
343+50 0	PIL/HO/VKE2/IRCON/ 671/2019 Dt. 05.11.2019		IRCON/3019/VKE/PAT EL/4092 dt. 26.11.2019
346+74 3	R1 -PIL/HO/VKE2/IRCON/563/2019 Dt. 07.08.2019		IRCON/3019/VKE/PAT EL/1039 dt. 09.12.2019 (For GT)
350+14 3	PIL/HO/VKP2/IRCON/324/2019 Dt. 09.05.2019		IRCON/3019/VKE/PAT EL/495 dt. 11.06.2019, IE letter no. 482 - 06.06.2019
350+20 1	PIL/HO/VKE2/IRCON/ 693/2019 Dt. 14.11.2019		IRCON/3019/VKE/PAT EL/1066 dt. 16.12.2019
354+63 6	PIL/HO/VKP2/IE/787/2019 Dt. 24.12.2019 (GFC)		-

5	Flyover	1	1	0	1	344+36 0	PIL/HO/VKE2/IRCON/593/2019 Dt. 23.08.2019 & 597 Dt. 26.08.2019	M.O.M. dated 23.09.19 to 26.09.19	-
6	ROB	1	1	0	1	352+94 5	PIL/HO/VKP2/IRCON/520/2019 Dt. 15.07.2019 & PIL/HO/VKP2/IRCON/579/2019 Dt. 17.08.2019	-	-
						330+40 2	PIL/HO/VKE2/IRCON/533/2019 Dt. 20.07.2019	IRCON/3019/VKE/PAT EL/853 dt. 27.09.2019 for bar No. 16	-
						331+82 2	PIL/HO/VKE2/IRCON/501/2019 Dt. 02.07.2019	IRCON letter no. 497 dt. 11.06.2019	PIL/HO/VKE2/IRCON/5 01/2019 Dt. 02.07.2019
7	VUP	5	5	5	0	335+40 2	Submitted to IE-Ho By SES by mail of dt. 28.05.2019	-	-
						341+82 6	PIL/HO/VKE2/IRCON/501/2019 Dt. 02.07.2019	IRCON letter no. 497 dt. 11.06.2019	PIL/HO/VKE2/IRCON/5 09/2019 Dt. 10.07.2019
						351+28 4	PIL/HO/VKE2/IRCON/501/2019 Dt. 02.07.2019	IRCON letter no. 497 dt. 11.06.2019	PIL/HO/VKE2/IRCON/5 01/2019 Dt. 02.07.2019
8	LVUP	8	8	2	6	-	4 nos. submitted by mail on dt. 26.05.2019, 2 nos. submitted by letter no. 519 dt. 12.07.2019, 2 nos. (High Skew angle) submitted by letter dated 15.03.2019	2 nos. Approved by IRCON Letter no. 758 dt. 23.08.2019 (343+877 & 354+855)	-

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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)	-
10	Box Culvert	52	48	20	28	-	20 nos. bt letter no. 371 dt. 24.05.2019, 4 nos. by mail dt. 01.06.2019, 4 nos. by mail dt. 15.05.2019, 1 nos. by mail dt. 16.05.2019, 9 nos. by mail dt. 28.05.2019, 3 nos. by mail dt. 29.05.2019, 7 nos. by mail dt. 31.05.2019	20 nos. approved in M.O.M - 14.05.2019 to 17.05.2019	-
11	Pipe Culvert	42	42	42	0	-	42 Nos. Submitted by PIL/HO/VKE2/IRCON/362/2019 Dt. 24.05.2019	42 nos. IRCON/3019/VKE/PAT EL/476 dt. 06.06.2019	42 Nos. Submitted by PIL/HO/VKE2/IRCON/499/2019 Dt. 02.07.2019
	Total =	244	197	130	49				

VIII. Weather report for the month of January'20

S. No.	DATE	TEMPRATURE (°C)		HUMIDITY (%)		RAINFALL (mm)	CUMMULATIVE RAINFALL	WEATHER
		Min.	Max.	Min.	Max.			
1	1-Jan-20	18.80	25.10	57.00	77.00	-	-	Sunny
2	2-Jan-20	18.00	25.60	62.00	79.00	-	-	Sunny
3	3-Jan-20	17.00	24.80	52.00	90.00	-	-	Sunny
4	4-Jan-20	17.80	25.40	51.00	75.00	-	-	Sunny
5	5-Jan-20	17.80	27.30	35.00	75.00	-	-	Sunny
6	6-Jan-20	17.80	28.10	35.00	75.00	-	-	Sunny
7	7-Jan-20	21.40	29.20	50.00	71.00	-	-	Sunny
8	8-Jan-20	16.20	26.80	41.00	70.00	-	-	Sunny
9	9-Jan-20	15.90	24.50	37.00	56.00	-	-	Sunny
10	10-Jan-20	16.10	24.80	42.00	54.00	-	-	Sunny
11	11-Jan-20	17.30	25.60	45.00	72.00	-	-	Sunny
12	12-Jan-20	19.10	29.70	47.00	84.00	-	-	Sunny
13	13-Jan-20	20.20	28.30	57.00	87.00	-	-	Sunny
14	14-Jan-20	16.50	25.40	41.00	65.00	-	-	Sunny
15	15-Jan-20	16.30	25.60	39.00	62.00	-	-	Sunny
16	16-Jan-20	14.80	24.10	36.00	61.00	-	-	Sunny
17	17-Jan-20	15.80	24.50	41.00	67.00	-	-	Sunny
18	18-Jan-20	16.80	26.40	35.00	69.00	-	-	Sunny
19	19-Jan-20	16.80	26.40	37.00	66.00	-	-	Sunny
20	20-Jan-20	16.80	27.20	44.00	65.00	-	-	Sunny
21	21-Jan-20	16.80	28.00	44.00	75.00	-	-	Sunny
22	22-Jan-20	18.40	28.10	45.00	69.00	-	-	Sunny
23	23-Jan-20	18.60	27.60	44.00	65.00	-	-	Sunny
24	24-Jan-20	18.40	29.20	41.00	63.00	-	-	Sunny
25	25-Jan-20	18.90	27.20	38.00	64.00	-	-	Sunny
26	26-Jan-20	18.50	29.00	42.00	64.00	-	-	Sunny
27	27-Jan-20	19.10	29.50	34.00	71.00	-	-	Sunny
28	28-Jan-20	17.90	26.40	47.00	74.00	-	-	Sunny & Cloudy
29	29-Jan-20	16.90	27.00	31.00	65.00	-	-	Sunny
30	30-Jan-20	17.10	27.70	32.00	65.00	-	-	Sunny
31	31-Jan-20	16.70	27.10	31.00	65.00	-	-	
Cumulative Rainfall Till Date							2,380.40	mm

IX. Status of RFI

<u>MONTH: - January 2020.</u>				
Sr. No.	Total RFI	Approved RFI	RFI Re-submitted after corrections suggested	Remarks
<u>Highway</u>				
1	524	470	54	
<u>Structure</u>				
2	717	642	75	
<u>Laboratory (QA/QC)</u>				
3	27	24	3	
<u>Survey</u>				
4	1	1	0	

X. Summary Of Tests Conducted For The Month Of January- 20

OGI

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

Shoulder

S.No	Description of Test	No. of Test Conducted upto previous month				No. of Test Conducted during this Month				Cumulative Total			Remarks	
		Results		Failed	Results		Failed	I.E. Witness	No. of Test Conducted	Results Passed	No. of Test Conducted	Results Passed		Failed
		Passed	Failed		Passed	Failed								
1	Proctor Test	0	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	0		
3	Sand Content (GSA)	0	0	0	0	0	0	0	0	0	0	0		
4	Free Swell Index	0	0	0	0	0	0	0	0	0	0	0		
5	C.B.R	0	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				Cumulative Total			Remarks	
		Results		Failed	Results		Failed	I.E. Witness	No. of Test Conducted	Results Passed	No. of Test Conducted	Results Passed		Failed
		Passed	Failed		Passed	Failed								
1	Proctor Test	20	2	0	0	10	1	0	1	30	30	0	Frequency of testing is as per specification	
2	LL/PI	2	2	0	0	10	1	0	1	12	12	0		
3	Sand Content (GSA)	2	2	0	0	10	1	0	1	12	12	0		
4	Free Swell Index	2	2	0	0	10	1	0	1	12	12	0		
5	C.B.R	28	26	2	2	6	1	0	1	34	32	2		

Borrow Materials

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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 Passed	Results Failed	No. of Test Conducted	Results		No. of Test Conducted	Results		
						Passed	Failed		Passed		Failed
1	Proctor Test	3070	3070	0	350	0	3420	3420	0	Frequency of testing is as per specification	
2	LL/PI	3070	3070	0	350	0	3420	3420	0		
3	Sand Content (GSA)	3070	3070	0	350	0	3420	3420	0		
4	Free Swell Index	3070	3070	0	350	0	3420	3420	0		
5	C.B.R	586	549	37	57	6	649	606	43		
6	C.B.R (Soil Blended with Sand/Lime/Dust)	6	0	6	4	5	15	4	11		

Soil Stabilization

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 Passed	Results Failed	No. of Test Conducted	Results		No. of Test Conducted	Results		
						Passed	Failed		Passed		Failed
1	Proctor Test	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		
3	Sand Content (GSA)	0	0	0	0	0	0	0	0		
4	Free Swell Index	0	0	0	0	0	0	0	0		
5	C.B.R	0	0	0	0	0	0	0	0		

Granular Sub Base

S.No	Description of Test	No. of Test Conducted upto previous month		No. of Test Conducted during this Month				Cumulative Total		Remarks	
		No. of Test Conducted	Results Passed	Results Failed	No. of Test Conducted	Results		No. of Test Conducted	Results		
						Passed	Failed		Passed		Failed
1	Proctor Test	8	8	0	0	0	8	8	0	Frequency of testing is as per specification	
2	Gradation	199	194	5	50	0	249	244	5		
3	LL/PI	194	194	0	50	0	244	244	0		
4	10% fines Value	2	2	0	0	0	2	2	0		
5	AIV	11	11	0	10	0	21	21	0		
6	C.B.R	8	8	0	0	0	8	8	0		

Existing Site Sample(GSB/W/MM)

S.No	Description of Test	No. of Test Conducted upto previous month				No. of Test Conducted during this Month						Cummulative Total		Remarks	
		Results		Failed	No. of Test Conducted	No. of Test Conducted	Results		I.E. Witness	Failed	Passed	No. of Test Conducted	Results		
		Passed	Failed				Passed	Failed					Passed		Failed
1	Proctor Test	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Gradation	1	0	0	1	1	0	0	0	0	2	2	0	0	
3	LL/PI	1	0	0	1	1	0	0	0	0	2	2	0	0	
4	A.I.V.	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	F.I. & E.I.	0	0	0	0	0	0	0	0	0	0	0	0	0	Frequency of testing is as per specification
6	10% fines Value	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	Water Absorption	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	L.A.A.V	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	CBR	0	0	0	0	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	
		Results		Failed	No. of Test Conducted	No. of Test Conducted	Results		I.E. Witness	Failed	Passed	No. of Test Conducted	Results		
		Passed	Failed				Passed	Failed					Passed		Failed
A.	Compressive Strength of concrete cubes														
1	Concrete (Grouting) 7 days	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	M-15 Concrete 7 Days	0	0	0	0	0	0	0	0	0	0	0	0	0	
	28 days	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	M-20 Concrete 7 Days	623	623	0	75	75	0	0	15	698	698	698	0	0	Frequency of testing is as per specification
	28 days	1318	1318	0	265	265	0	53	1583	1583	1583	0	0		
4	M-25 Concrete 7 Days	0	0	0	0	0	0	0	0	0	0	0	0	0	
	28 days	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	M-30 Concrete 7 Days	255	255	0	126	126	0	25	381	381	381	0	0	0	
	28 days	620	620	0	372	372	0	74	992	992	992	0	0	0	
6	M-35 (Pile)							0							

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7 Days	843	843	0	35	35	0	7	878	878	0
28 days	4537	4537	0	110	110	0	22	4647	4647	0
M-35 (RCC)							0			
7 Days	619	619	0	231	231	0	46	850	850	0
28 days	1994	1994	0	684	684	0	137	2678	2678	0
M-35 (RE)							0			
7 Days	119	119	0	17	17	0	3	136	136	0
28 days	405	405	0	116	116	0	23	521	521	0
M-40 Concrete							0			
7 Days	1	1	0	3	3	0	1	4	4	0
28 days	0	0	0	1	1	0	0	1	1	0
M-45 Concrete							0			
7 Days	0	0	0	0	0	0	0	0	0	0
28 days	0	0	0	0	0	0	0	0	0	0
M-50 Concrete							0			
7 Days	0	0	0	0	0	0	0	0	0	0
28 Days	0	0	0	0	0	0	0	0	0	0
End Block(GP2)							0			
DLC Concrete							0			
07 days	0	0	0	4	4	0	1	4	4	0
PQC (M-40)							0			
7 Days	0	0	0	0	0	0	0	0	0	0
28 days	0	0	0	0	0	0	0	0	0	0
Beam							0			
D.L.C. (Combined Gradation)	4	4	0	7	7	0	1	11	11	0
Coarse Aggregate Gradation	275	274	1	31	31	0	6	306	305	1
Fine Aggregate Gradation	274	274	0	31	31	0	6	305	305	0
Flakiness Index	206	206	0	4	4	0	1	210	210	0
Impact Test	205	205	0	4	4	0	1	209	209	0
Specific Gravity	18	18	0	0	0	0	0	18	18	0
Water Absorption	18	18	0	0	0	0	0	18	18	0
Testing of stone							0			
Petrographical	4	3	0	0	0	0	0	4	3	0

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Examination													
b) Alkali Agg Reactivity	5	4	0	0	0	0	0	0	0	5	4	0	
c) Chloride Content	5	4	0	0	0	0	0	0	0	5	4	0	
d) Sulphate Content	5	4	0	0	0	0	0	0	0	5	4	0	
e) Del material Content	5	4	0	0	0	0	0	0	0	5	4	0	
f) Sp. Gr & Water Absorption	5	4	0	0	0	0	0	0	0	5	4	0	

Cement Testing

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 Passed	Failed	No. of Test Conducted	Results Passed	Failed	I.E. Witness	No. of Test Conducted	Results Passed	Failed		
1	Consistency	13	13	0	2	2	0	1	15	15	0		
2	Initial & Final Setting Time	13	13	0	2	2	0	1	15	15	0		
3	Fineness	13	13	0	2	2	0	1	15	15	0		
4	Specific Gravity	4	4	0	0	0	0	0	4	4	0		
5	3 days Comp. Strength	13	13	0	2	2	0	1	15	15	0		
6	7 days Comp. Strength	13	13	0	2	2	0	1	15	15	0		
7	28 days Comp. Strength	3	3	0	3	3	0	1	6	6	0		Frequency of testing is as per specification

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 Passed	Failed	No. of Test Conducted	Results Passed	Failed	I.E. Witness	No. of Test Conducted	Results Passed	Failed		
1	Consistency	96	96	0	23	23	0	5	119	119	0		
2	Initial & Final Setting Time	96	96	0	23	23	0	5	119	119	0		
3	Fineness	96	96	0	23	23	0	5	119	119	0		
4	Specific Gravity	2	2	0	0	0	0	0	2	2	0		
5	3 days Comp. Strength	97	98	0	21	21	0	4	118	119	0		Frequency of testing is as per specification

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6	7 days Comp. Strength	90	90	0	28	28	0	6	118	118	0
7	28 days Comp. Strength	75	75	0	25	25	0	5	100	100	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		
		Conducted	Failed	Passed	Failed		Passed	Failed	Passed	Failed				
1	M-15	0	0	0	0	0	0	0	0	0	0	0	0	
2	M-20	47	0	47	0	0	0	0	0	47	47	0	0	
3	M-20 (Kerb)	0	0	0	0	0	0	0	0	0	0	0	0	
4	M-25	0	0	0	0	0	0	0	0	0	0	0	0	
5	M-30	47	0	47	1	1	0	1	0	48	48	0	0	
6	M-35 (R.C.C.)	47	0	47	1	1	0	1	0	48	48	0	0	
7	M-35 (Piling)	46	0	46	0	0	0	0	0	46	46	0	0	(28 days Strength Achieved)
8	M-35 (RE-Block)	7	0	7	0	0	0	0	0	7	7	0	0	
9	M-40	40	0	40	1	1	0	1	0	41	41	0	0	
10	M-45	0	0	0	2	2	0	2	0	2	2	0	0	
11	M-50	0	0	0	0	0	0	0	0	0	0	0	0	
11	GP2	0	0	0	0	0	0	0	0	0	0	0	0	
12	D.L.C.	13	0	13	0	0	0	0	0	13	13	0	0	7 days Strength Achieved
13	G.S.B.	2	0	2	0	0	0	0	0	2	2	0	0	
14	W.M.M.	0	0	0	0	0	0	0	0	0	0	0	0	
15	M-40 P. Q. C.	0	0	0	0	0	0	0	0	0	0	0	0	
17	DBM GRADE - II	0	0	0	0	0	0	0	0	0	0	0	0	
19	BC GRADE - II	0	0	0	0	0	0	0	0	0	0	0	0	

Calibrations

S.No	Description of Test	No. of Test Conducted upto previous month				No. of Test Conducted during this Month				Cummulative Total				Remarks
		Results		I.E. Witness	Results		I.E. Witness	Results		No. of Test Conducted	Results			
		No. of Test Conducted	Passed		Failed	No. of Test Conducted		Passed	Failed		No. of Test Conducted	Passed	Failed	
1	WMM Plant	0	0	0	0	0	0	0	0	0	0	0	0	
2	Concrete Batching Plant	18	18	0	3	3	0	1	21	21	0	21	0	
3	Hot Mix Plant	0	0	0	0	0	0	0	0	0	0	0	0	
4	Rapid Moisture Meter	17	17	0	5	5	0	2	22	22	0	22	0	
5	Sand Pouring Cylinder	32	32	0	3	3	0	2	35	35	0	35	0	
6	C.T.M.	3	3	0	0	0	0	0	3	3	0	3	0	
7	F.T.M.	1	1	0	0	0	0	0	1	1	0	1	0	
8	Weight & Balance	9	9	0	0	0	0	0	9	9	0	9	0	
9	Proving rings													
	a) 2.5 KN	1	1	0	0	0	0	0	1	1	0	1	0	
	b) 25 KN	1	1	0	0	0	0	0	1	1	0	1	0	
	c) 50 KN	1	1	0	0	0	0	0	1	1	0	1	0	
	d) 100 KN	0	0	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	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	
		Results		I.E. Witness	Results		I.E. Witness	Results		No. of Test Conducted	Results				
		No. of Test Conducted	Passed		Failed	No. of Test Conducted		Passed	Failed		No. of Test Conducted	Passed	Failed		
1	O.G.L.	3089	3083	6	0	0	0	0	3089	3083	6	3089	3083	6	Frequency of testing is as per specification(Set)
2	Embankment	5348	5331	17	1275	5	255	6623	6601	22	6623	6601	22		
3	Subgrade	361	358	3	135	1	27	496	492	4	496	492	4		
4	G.S.B	496	490	6	284	5	57	780	769	11	780	769	11	Ground Improvement	
5	W.M.M	0	0	0	0	0	0	0	0	0	0	0	0		
6	D.L.C.	0	0	0	30	0	6	30	30	0	30	30	0		
7	C.T.B.	0	0	0	0	0	0	0	0	0	0	0	0		

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

8	BSM	0	0	0	0	0	0	0	0	0	0	0
9	Back filling	0	0	50	48	2	10	50	48	2	0	2
10	Shoulder/Median	0	0	0	0	0	0	0	0	0	0	0
11	Embankment (RE Wall)	0	0	12	12	0	2	12	12	0	12	0

Fly Ash

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 Passed	No. of Test Conducted	Results Passed	Failed	I.E. Witness	No. of Test Conducted	Results 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	

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

Physical Progress

Concessionair :- IRCON VADODARA-KIM EXPRESSWAY PVT LTD

EPC Contractor:- Patel Infrastructure Ltd.

Date:- 31/01/2020

Sl. No	Task	Unit	Total Qty	Rev. Wt%	Achieved Qty	% Progress
1	Road Works					
	Clearing and grubbing of -MCW	Km	30.52	0.045%	27.76	0.04%
	Construction of embankment upto 1 mtr	Km	30.52	5.54%	25.61	4.65%
	Construction of embankment from 1 mtr - 2 mtr	Km	30.52	4.60%	23.01	3.47%
	Construction of embankment from 2 mtr - 3 mtr	Km	30.52	3.68%	20.49	2.47%
	Construction of embankment from 3 mtr - Emb Top	Km	30.52	4.60%	19.34	2.91%
	Construction of Sub grade - MCW	Km	30.52	1.84%	7.50	0.45%
	Constructing Grannular Sub-base	Km	30.52	3.26%	4.8	0.51%
	Medians	Km	30.52	0.12%		
	Shoulders	Km	61.04	0.06%		
	200mm dia. NP4 pipes	Km	30.52	0.537%		
	DLC	Km	30.52	4.39%	1.2	0.17%
	PQC	Km	30.52	21.51%		
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%	38	0.29%
	Foundation RCC M 30 - Culvert	Nos	52	1.18%	36	0.82%
	Substructure RCC M 30 - Culvert	Nos	104	1.33%	66	0.84%
	Super Structure RCC M 30 - Culvert	Nos	52	0.73%	16	0.22%
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%	51	0.91%
	PUP - RCC M35 - TOP Slab	Nos	34	1.24%	14	0.51%
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%	22.5	0.65%
	RCC M35 - TOP SLAB	Nos	13	0.35%	7.5	0.20%
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%	2.335	0.03%
	PCC Retaining Wall + Toe Wall	Km	3.305	0.12%	2.250	0.08%
	Retaining Wall + Toe Wall	Km	3.305	4.69%	2.115	3.00%
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%	1	0.00%
	Girder	Nos	8	0.032%	3	0.01%
	Deck Slab	Nos	2	0.075%	0	0.00%
	Finishing Works	Nos	1			

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

Physical Progress

Concessionair :- IRCON VADODARA-KIM EXPRESSWAY PVT LTD

EPC Contractor:- Patel Infrastructure Ltd.

Date:- 31/01/2020

Sl. No	Task	Unit	Total Qty	Rev. Wt%	Achieved Qty	% Progress
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%	2	0.01%
	Girder	Nos	8	0.032%	3	0.01%
	Deck Slab	Nos	2	0.075%	0	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%	13	0.04%
	PIER	Nos	16	0.045%	13	0.04%
	Abutment/Pier Cap	Nos	8	0.103%	4	0.05%
	Girder	Nos	42	0.187%	4	0.02%
	Deck Slab	Nos	6	0.110%		
	Finishing Works	Nos	1			
11	Major Bridge at Ch. 336+830					
	Excavation for foundation	Nos	14	0.007%	8	0.00%
	Pile Foundation	Nos	228	1.522%	228	1.52%
	Pile Foundation Cap	Nos	14	0.165%	6	0.07%
	Abutment	Nos	2	0.118%	1	0.06%
	PIER	Nos	30	0.257%	2	0.02%
	Abutment/Pier Cap	Nos	14	0.192%	0	0.00%
	Girder	Nos	84	0.680%	2	0.02%
	Deck Slab	Nos	12	0.342%	0	0.00%
	Finishing Works	Nos	1			
12	ROB at Ch. 352+926					
	Excavation for foundation	Nos	6	0.005%		
	Pile Foundation	Nos	60	0.726%		
	Pile Foundation Cap	Nos	6	0.121%		
	Abutment	Nos	12	0.238%		
	PIER	Nos	6	0.025%		
	Abutment/Pier Cap	Nos	6	0.083%		
	Girder	Nos	40	1.230%		
	Deck Slab	Nos	4	0.051%		
	Finishing Works	Nos	1			
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%	11	0.34%
	PIER	Nos	12	0.123%	8	0.08%
	Abutment/Pier Cap	Nos	8	0.189%	5	0.12%
	Girder	Nos	42	0.455%	15	0.16%
	Deck Slab	Nos	6	0.204%		
	Finishing Works	Nos	1	0.000%		
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%	35	0.26%
	Abutment/Pier Cap	Nos	16	0.189%	4	0.05%
	Girder	Nos	84	0.455%	15	0.08%
	Deck Slab	Nos	14	0.273%		
	Finishing Works	Nos	1	0.000%		

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

Physical Progress

Concessionair :- IRCON VADODARA-KIM EXPRESSWAY PVT LTD

EPC Contractor:- Patel Infrastructure Ltd.

Date:- 31/01/2020

Sl. No	Task	Unit	Total Qty	Rev. Wt%	Achieved Qty	% Progress
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%	2	0.06%
	Abutment/Pier Cap	Nos	4	0.060%	1	0.02%
	Girder	Nos	14	0.069%	0	0.00%
	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%	0	0.00%
	Finishing Works	Nos	1	0.054%	0	0.00%
17	Minor Bridge at Ch. 330+630					
	Pile Foundation	Nos	72	0.320%	72	0.32%
	Abutment	Nos	72	0.121%	52	0.09%
	Abutment/Pier Cap	Nos	8	0.114%	3	0.04%
	Girder	Nos	56	0.060%	5	0.01%
	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%	0.5	0.04%
	Finishing Works	Nos	1	0.054%	0	0.00%
19	Minor Bridge at 343+566					
	Pile Foundation	Nos	125	0.320%	125	0.32%
	Abutment	Nos	125	0.121%	109	0.11%
	Abutment/Pier Cap	Nos	8	0.114%	2	0.03%
	Girder	Nos	109	0.060%	0	0.00%
	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%	0.5	0.04%
	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%	1	0.03%
	Girder	Nos	14	0.060%		
	Deck Slab	Nos	2	0.069%		
	Finishing Works	Nos	1	0.088%		
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%	2	0.12%
	Wall	Nos	4	0.147%	1	0.04%
	Slab	Nos	2	0.108%	0	0.00%
	Finishing Works	Nos	1	0.034%		

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

Physical Progress

Concessionair :- IRCON VADODARA-KIM EXPRESSWAY PVT LTD

EPC Contractor:- Patel Infrastructure Ltd.

Date:- 31/01/2020

Sl. No	Task	Unit	Total Qty	Rev. Wt%	Achieved Qty	% Progress
23	Minor Bridge at Ch. 354+636					
	Pile Foundation	Nos	56	0.320%	56	0.32%
	Abutment	Nos	56	0.121%	46	0.10%
	Abutment/Pier Cap	Nos	8	0.114%	3	0.04%
	Girder	Nos	50	0.060%	6	0.01%
	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%	30580	0.35%
	Reinforced Earth Walls at Flyover and VOP - Blocks laying	Sqm	35787	0.405%	300	0.000%
30	Boulder pitchin 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%		
Total Percentage completion and Amount==>				100.00%		40.630%

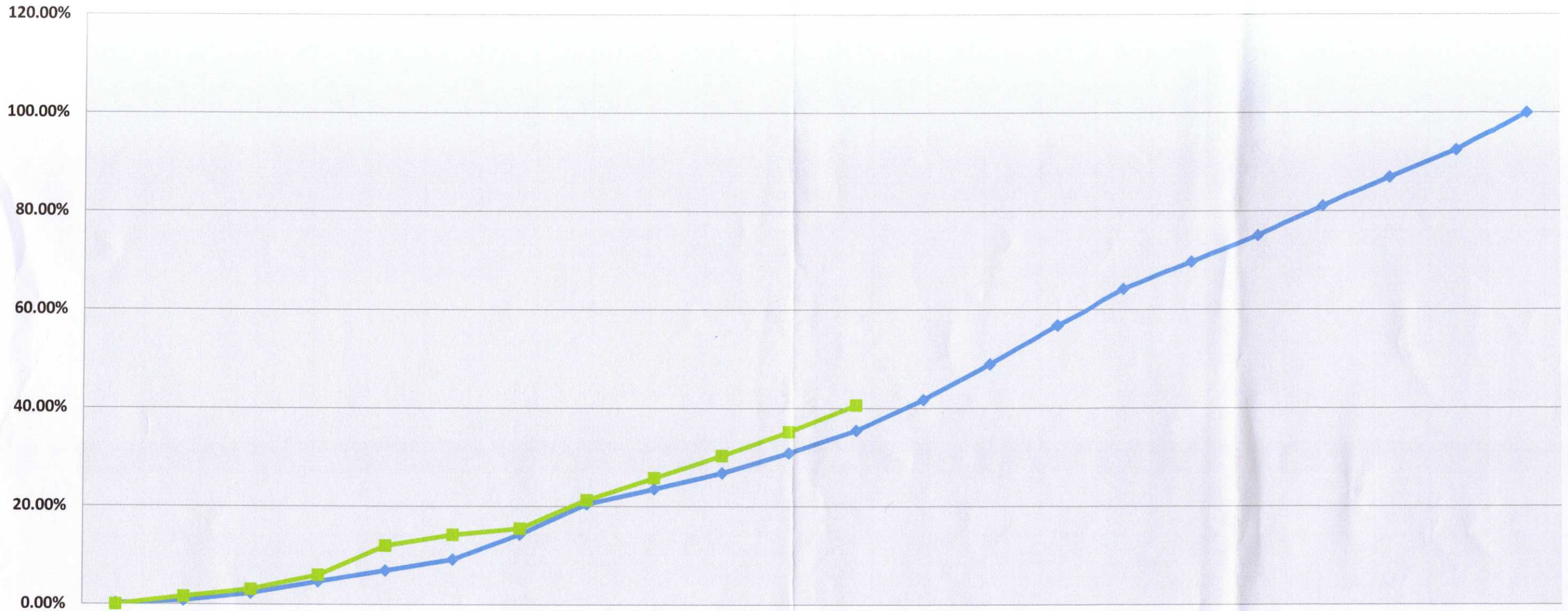


Construction of Eight Lane Vadodara Kim Expressway from Km 323.00 to Km 355.00 (Sanpa to Padra Section of Vadodara Mumbai Expressway) in the State of Gujarat under NHDP Phase - VI on EPC Mode
Physical Progress S-Curve

Concessionair :- IRCON VADODARA-KIM EXPRESSWAY PVT LTD

EPC Contractor:- Patel Infrastructure Ltd.

Progress S-Curve



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

STRUCTURE PROGRESS CHART UPTO 30th November 2019

**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	Dimensio n	RHS					SR.No	Type Of Structure	Total No. of Structure as per CA	No of Work in progress of structure	
	Finishing		Pipe	Finishing				Foundation		Pipe Laying	Finishing						
	Chamber	Cradle		PCC	Excavation	Excavation	PCC	Cradle	Chamber								
1		Done	Done	Done	Done	324+069	324+069	1X1.2	Done	Done	Done	Done		1	HPC	42	0
2		Done	Done	Done	Done	324+715	324+719	1X1.2	Done	Done	Done	Done		2	BOX Culvert	52	25
3		Done	Done	Done	Done	325+219	325+219	1X1.2	Done	Done	Done	Done		3	flyover Bridge	1	1
4		Done	Done	Done	Done	325+619	325+619	1X1.2	Done	Done	Done	Done		4	ROB	1	0
5		Done	Done	Done	Done	326+119	326+119	1X1.2	Done	Done	Done	Done		5	MJB	1	1
6		Done	Done	Done	Done	327+119	327+119	1X1.2	Done	Done	Done	Done		6	MNB	9	9
7		Done	Done	Done	Done	327+994	327+994	1X1.2	Done	Done	Done	Done		8	Interchange	2	2
8		Done	Done	Done	Done	328+419	328+419	1X1.2	Done	Done	Done	Done		9	VOP	2	2
9		Done	Done	Done	Done	329+509	329+509	1X1.2	Done	Done	Done	Done		10	LVUP	8	3.5
10		Done	Done	Done	Done	330+068	330+068	1X1.2	Done	Done	Done	Done		11	VUP	5	2
11		Done	Done	Done	Done	331+118	331+118	1X1.2	Done	Done	Done	Done		12	P/CUP	34	20
12		Done	Done	Done	Done	331+719	331+719	1X1.2	Done	Done	Done	Done		Total		157	65.5
13		Done	Done	Done	Done	332+158	332+294	1X1.2	Done	Done	Done	Done		1	Utility Duct	61	61
14		Done	Done	Done	Done	333+119	333+119	1X1.2	Done	Done	Done	Done		2	RE- Block	Aprox 9 lakh NOS	333557 Nos.
15		Done	Done	Done	Done	334+168	334+168	1X1.2	Done	Done	Done	Done					
16		Done	Done	Done	Done	334+719	334+719	1X1.2	Done	Done	Done	Done					
17		Done	Done	Done	Done	337+308	337+308	1X1.2	Done	Done	Done	Done					
18		Done	Done	Done	Done	337+593	337+593	1X1.2	Done	Done	Done	Done					
19		Done	Done	Done	Done	338+243	338+243	1X1.2	Done	Done	Done	Done					
20		Done	Done	Done	Done	338+669	338+669	1X1.2	Done	Done	Done	Done					
21		Done	Done	Done	Done	339+179	339+179	1X1.2	Done	Done	Done	Done					
22		Done	Done	Done	Done	340+080	340+080	1X1.2	Done	Done	Done	Done					
23		Done	Done	Done	Done	340+718	340+718	1x1.2	Done	Done	Done	Done					
24		Done	Done	Done	Done	341+468	341+468	1x1.2	Done	Done	Done	Done					
25		Done	Done	Done	Done	341+925	341+925	1x1.2	Done	Done	Done	Done					
26		Done	Done	Done	Done	342+869	342+869	1x1.2	Done	Done	Done	Done					
27		Done	Done	Done	Done	343+280	343+280	1x1.2	Done	Done	Done	Done					
28		Done	Done	Done	Done	343+990	343+994	1x1.2	Done	Done	Done	Done					
29		Done	Done	Done	Done	344+768	344+768	1x1.2	Done	Done	Done	Done					
30		Done	Done	Done	Done	346+549	346+549	1x1.2	Done	Done	Done	Done					
31		Done	Done	Done	Done	347+169	347+169	1x1.2	Done	Done	Done	Done					
32		Done	Done	Done	Done	348+143	348+143	1x1.2	Done	Done	Done	Done					
33		Done	Done	Done	Done	348+869	348+869	1x1.2	Done	Done	Done	Done					
34		Done	Done	Done	Done	349+668	349+668	1x1.2	Done	Done	Done	Done					
35		Done	Done	Done	Done	350+068	350+068	1x1.2	Done	Done	Done	Done					
36		Done	Done	Done	Done	350+443	350+443	1x1.2	Done	Done	Done	Done					
37		Done	Done	Done	Done	351+119	351+119	1x1.2	Done	Done	Done	Done					
38		Done	Done	Done	Done	351+619	351+619	1x1.2	Done	Done	Done	Done					
39		Done	Done	Done	Done	352+494	352+494	1x1.2	Done	Done	Done	Done					
40		Done	Done	Done	Done	352+868	352+868	1x1.2	Done	Done	Done	Done					
41		Done	Done	Done	Done	354+467	354+467	1x1.2	Done	Done	Done	Done					
42		Done	Done	Done	Done	354+754	354+754	1x1.2	Done	Done	Done	Done					
		42	42	42	42	42	42	42	42	42	42	42					

PROGRESS CHART FOR BOX CULVERTS

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

PROGRESS CHART FOR CUP/PUP

SR.NO	LHS																	RHS					
	Finishing			Super Structure	Sub Structure	Foundation			Design Chainage	CA Chainage	Dimension	Foundation			Sub Structure	Super Structure	Finishing						
	WC inside Str.	Approach Slab	Crash Barrier			Raft	PCC	Excavation				Excavation	PCC	Raft			Crash Barrier	Approach Slab	WC inside Str.				
1				Done	Done	Done	Done	Done	323+683	323+700	1X12	Done	Done	Done	Done	Done							
2				Done	Done	Done	Done	Done	324+410	324+410	1X12	Done	Done	Done	Done	Done							
3				Done	Done	Done	Done	Done	324+900	324+900	1X12	Done	Done	Done	Done	Done							
4				Done	Done	Done	Done	Done	326+381	326+400	1X12	Done	Done	Done	Done	Done							
5						Done	Done	Done	327+575	327+550	1X12	Done	Done	Done									
6					Done	Done	Done	Done	328+175	328+150	1X12	Done	Done	Done	Done								
7					Done	Done	Done	Done	328+856	328+800	1X12	Done	Done	Done	Done								
8				Done	Done	Done	Done	Done	329+725	329+750	1X12	Done	Done	Done	Done	Done							
9					Done	Done	Done	Done	331+425	331+450	1X12	Done	Done	Done	Done								
10					Done	Done	Done	Done	332+640	332+675	1X12	Done	Done	Done	Done								
11					Done	Done	Done	Done	333+351	333+370	1X12	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	334+280	334+390	1X12	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	338+455	338+477	1X12	Done	Done	Done									
18					Done	Done	Done	Done	338+950	338+970	1X12	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	340+419	340+427	1X12	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	342+035	342+050	1X12	Done	Done	Done	Done								
23						Done	Done	Done	342+543	342+562	1X12	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	345+653	345+670	1X12	Done	Done	Done									
27				Done	Done	Done	Done	Done	346+383	346+400	1X12	Done	Done	Done	Done	Done							
28						Done	Done	Done	347+108	347+100	1X12	Done	Done	Done	Done								
29					2nd Lift done	Done	Done	Done	347+922	347+900	1X12	Done	Done	Done	1st Lift done								
30					2nd Lift done	Done	Done	Done	348+978	349+100	1X12	Done	Done	Done	1st Lift done								
31					2nd Lift done	Done	Done	Done	349+972	349+950	1X12	Done	Done	Done	Done								
32				Done	2nd lift Done	Done	Done	Done	350+831	350+850	1X12	Done	Done	Done	2nd Lift done	Done							
33					Done	Done	Done	Done	352+355	352+320	1X12	Done	Done	Done	Done								
34						Done	Done	Done	352+700	352+696	1X12	Done	Done	Done									
				14	28	34	34	34	34	34	34	34	34	34	29	14							

SR.NO	PROGRESS CHART FOR VUP																	
	LHS									RHS								
	Finishing			Super Structure	Sub Structure	Foundation			Design Chainage	CA Chainage	Dimension	Foundation			Sub Structure	Super Structure	Finishing	
WC inside Str.	Approach Slab	Crash Barrier	Raft			PCC	Excavation	Excavation				PCC	Raft	Crash Barrier			Approach Slab	WC inside Str.
1					Done	Done	Done	Done	330+402	330+402	1X12	Done	Done	Done	Done			
2				Done	Done	Done	Done	Done	331+822	331+843	1X12	Done	Done	Done	2nd lift done	Done		
3				Done	Done	Done	Done	Done	335+402	335+422	1X12	Done	Done	Done	Done	Done		
4				Done	Done	Done	Done	Done	341+826	341+843	1x12	Done	Done	Done	Done	Done		
5						Done	Done	Done	351+284	351+303	1x12	Done	Done	Done				

SR.NO	PROGRESS CHART FOR LVUP																	
	LHS									RHS								
	Finishing			Super Structure	Sub Structure	Foundation			Design Chainage	CA Chainage	Dimension	Foundation			Sub Structure	Super Structure	Finishing	
WC inside Str.	Approach Slab	Crash Barrier	Raft			PCC	Excavation	Excavation				PCC	Raft	Crash Barrier			Approach Slab	WC inside Str.
1				Done	Done	Done	Done	Done	325+769	325+788	1x12	Done	Done	Done	Done	Done		
2						Done	Done	Done	329+380	329+400	1x12	Done	Done	Done	Done			
3				Done		Done	Done	Done	337+022	337+050	1x12	Done	Done	Done	Done	Done		
4				Done	Done	Done	Done	Done	341+600	341+590	1x12	Done	Done	Done	Done	Done		
5					Done	Done	Done	Done	343+856	343+877	1x12	Done	Done	Done	Done	Done		
6					Done	Done	Done	Done	348+468	348+490	1x12	Done	Done	Done				
7						Done	Done	Done	351+803	351+803	1x12	Done	Done	Done				
8				Done	Done	Done	Done	Done	354+843	354+855	1x12	Done	Done	Done	Done	Done		

PROGRESS CHART FOR MNB																		
BOX TYPE																		
LHS									RHS									
Finishing			Super Structure	Sub Structure	Foundation			MNB Design Chainage	MNB CA Chainage	Dimension	Foundation			Sub Structure	Super Structure	Finishing		
WC inside Str.	Approach Slab	Crash Barrier			Raft	PCC	Excavation				Excavation	PCC	Raft			Crash Barrier	Approach Slab	WC inside Str.
				Done	Done	Done	Done	329+062	329+080	1X10.42	Done	Done	Done	Done				
					Done	Done	Done	337+874	337+895	1X10.42	Done	Done	Done	Done	Done			
				Done	Done	Done	Done	346+743	346+766	1x10.496	Done	Done	Done	Done				
						Done	Done	350+201	350+220	1x18.85	Done	Done	Done	Done				

PILE TYPE																	
LHS							RHS										
Superstructure		Sub Structure			Foundation		Design Chainage	CA Chainage	Dimension	Foundation			Substructure		Superstructure		
Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Pile	Pile Scope				Pile	Pile Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab	
		1 out of 2	2 out of 2	2 out of 2	16	32	324+193	324+210	1X29.214	16	2 out of 2	In progress					
	5	2 out of 4	26 out of 36	2 out of 2	36	72	330+630	330+640	1X32.2	36	2 out of 2	26 out of 36	1 out of 4				
		1 out of 4	54 out of 63	2 out of 2	63	125	343+566	343+566	1x27.20	62	2 out of 2	55 out of 62	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				
		1 out of 4	23 out of 28	2 out of 2	28	56	354+636	354+660	1x48.603	28	2 out of 2	23 out of 28	2 out of 4				

PROGRESS CHART FOR FLYOVER

LHS							Design Chainage	CA Chainage	Dimension	RHS							
Superstructure		Sub Structure		Foundation		Total Pile Scope				Foundation		Substructure		Superstructure			
Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Pile					Pile	Pile Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab	
	2	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 16	2 out of 4	2			

PROGRESS CHART FOR INTERCHANGE

LHS							Design Chainage	CA Chainage	Dimension	RHS							
Superstructure		Sub Structure		Foundation		Total Pile Scope				Foundation		Substructure		Superstructure			
Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Piles					Piles	Pile Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab	
	7	2 out of 4	11 out 12	4 out of 4	40	80	323+074	323+087	1 x 16.9+1x47.2+1x 16.9	40	4 out of 4	11 out 12	3 out of 4	8			
	8	2 out of 8	24 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	25 out of 28	2 out of 8	7			

PROGRESS CHART FOR ROB

LHS							Design Chainage	CA Chainage	Dimension	RHS						
Superstructure		Sub Structure		Foundation		Total Pile Scope				Foundation		Substructure		Superstructure		
Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Piles					Piles	Pile Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab
Not Started							352+965	352+988	2x37.20	Not Started						

PROGRESS CHART FOR MJB

LHS							Design Chainage	CA Chainage	Dimension	RHS							
Superstructure		Sub Structure		Foundation		Total Pile Scope				Foundation		Substructure		Superstructure			
Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Pile					Pile	Pile Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab	
	2		2 out of 16	3 out of 7	114	228	336+810	336+830	6X42.20	114	3 out of 7	1 out of 16					

PROGRESS CHART FOR VOP

LHS							Design Chainage	CA Chainage	Dimension	RHS						
Superstructure		Sub Structure		Foundation		Total Pile Scope				Foundation		Substructure		Superstructure		
Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Piles					Piles	Pile Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab
	3 out of 8	1 out of 3	3 out of 3	3 out of 3	14	14	326+957	326+982	2x48.221	Not Applicable						
	3 out of 8	2 out of 3	3 out of 3	3 out of 3	21	21	349+441	349+463	2x41.35							

RHS	LHS	SIDE					
		PQC	DLC	GSB	Sub - Grade	Embankment	C&G
PQC	DLC	GSB	Sub - Grade	Embankment	C&G	323+000	
						323+100	
						323+200	
						323+300	
						323+400	
						323+500	
						323+600	
						323+700	
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354+900							
355+000							



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

Details of Electrical Utilities

SR.	CHAINAGE		Division	SIDE	TYPE	EFFECTED	REMARKS	Affected
	To	From						
1	323+030	323+040	Amod		11 KV	10	Electric Line Crossing (Amod)	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW
2	323+090	323+095	Amod		11 KV	5	Electric Line Crossing (Amod)	
3	323+130	323+140	Amod		11 KV	10	Electric Line Crossing (Amod)	
4	323+160	323+170	Amod		12 KV	10	Electric Line Crossing (Amod)	
5	323+180	323+200	GETCO		66 KV	20	Electric Line Crossing (Amod)	
6	323+200	323+210	Amod		11 KV	10	Electric Line Crossing (Amod)	
7	323+380	323+440	Amod		11 KV	60	Electric Line Crossing (Amod)	
8	324+090	324+110	GETCO		1 Tower/220KV	20	High Tension Line Crossing	
9	324+600	324+610	Karjan		2/11KV	10	Electric Line Crossing	
10	324+700	324+705	Karjan	LHS		5	Transformer	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW
11	324+800	324+830	Karjan		2/11KV	30	Electric Line Crossing	
12	324+690	324+710	Karjan		3/11KV	20	Electric Line Crossing	
13	325+100	325+115	GETCO		1 Tower/220KV	15	High Tension Line Crossing	
14	325+180	325+190	Karjan		11 KV	10	Electric Line Crossing	
15	325+780	325+790	Karjan	LHS		10	Transformer	
16	325+550	325+570	Karjan		11 KV	20	Electric Line Crossing	
17	325+600	325+630	Karjan		11 KV	30	Electric Line Crossing	
18	326+400	326+420	GETCO		1 Tower/220KV	20	High Tension Line Crossing	
19	326+900	326+910	Karjan		11 KV	10	Electric Line Crossing	
20	327+175	327+205	GETCO		220KV	30	High Tension Line Crossing	
21	327+280	327+290	Karjan		11 KV	10	Electric Line Crossing	Within ROW
22	327+280		Karjan	RHS		5	Transformer	Entire 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
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
30	331+230	331+240	Karjan		11 KV	10	Electric Line Crossing	
31	331+430	331+440	Karjan		11 KV	10	Electric Line Crossing	MCW
32	331+800	331+820	Karjan		11 KV	20	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line
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	MCW to ROW
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
47	334+610	334+640	Karjan		11 KV	25	Electric Line Crossing	MCW, Shoulder and Service Road Affetcted because the electric line crossing over the Entire ROW
48	334+690	334+720	Karjan		11 KV	30	Electric Line Crossing	
49	334+730	334+770	Karjan	2 Line	11 KV	40	Electric Line Crossing	
50	334+800	334+830	Karjan		11 KV	30	Electric Line Crossing	
51	335+370	335+400	Padra-1		11 KV	30	Electric Line Crossing	
52	335+370	335+400	Padra-1	LHS	11 KV	30	Electric Line Crossing	
53	336+080	336+130	PGCIL		400KV	50	High Tension Line Crossing	
54	337+470	337+510	Padra-1		11 KV	40	Electric Line Crossing	
55	337+580	337+620	Padra-1		11 KV	40	Electric Line Crossing	
56	338+480	338+550	Padra-1		11 KV	70	Electric Line Crossing	
57	339+670	339+720	Padra-1		11 KV	50	Electric Line Crossing	
	To	From						

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

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

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

Details of Gas Pipe Lines

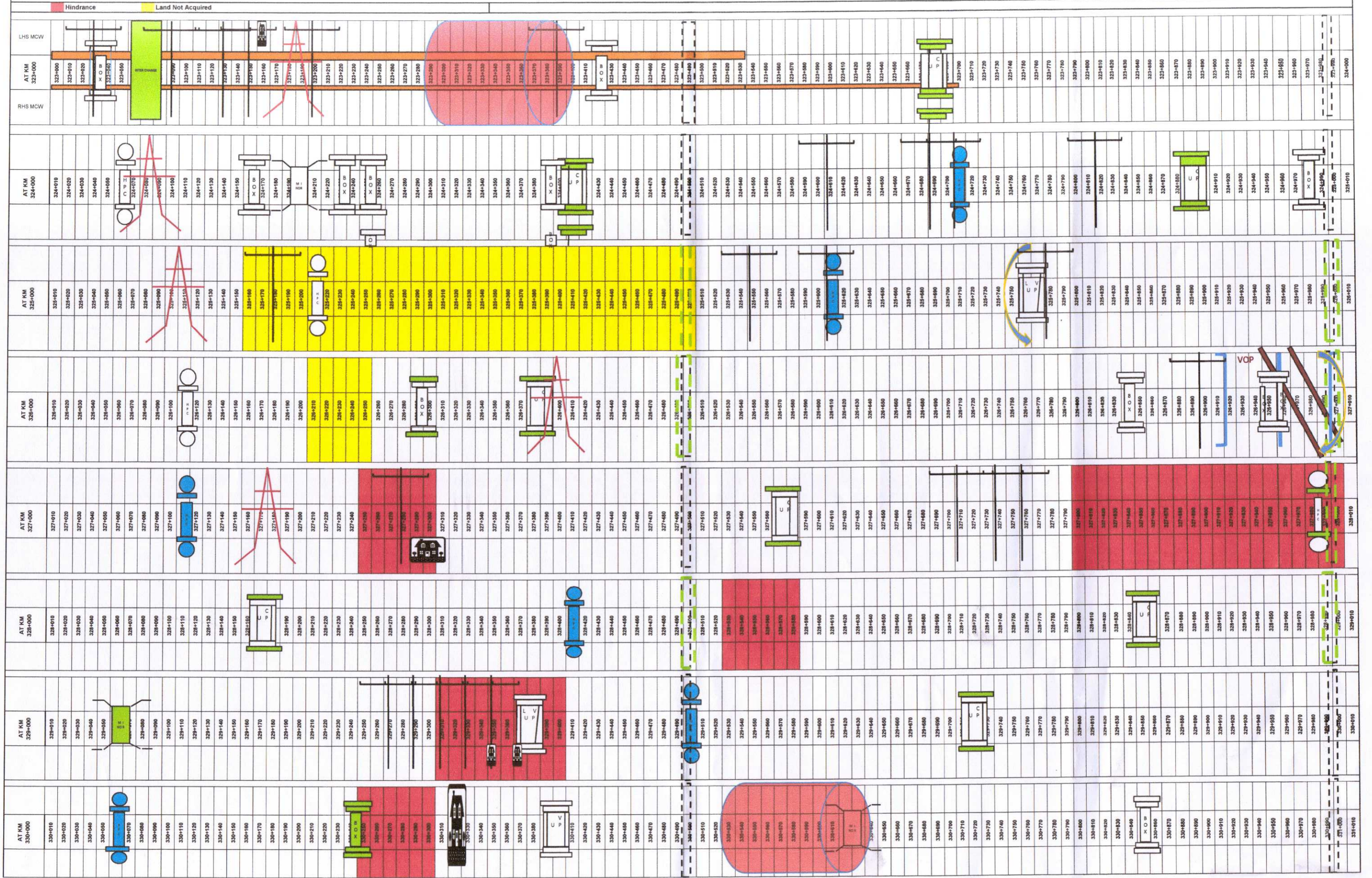
SR. NO.	Chainage	SIDE	TYPE	EFFECTED LENGTH	REMARKS
1	323+290 to 323+400	BHS	ONGC GAS LINE	110	
2	330+530 to 330+650	BHS	GSPL Line	120	
3	341+780 to 341+880	BHS	ONGC GAS LINE	100	
4	343+310 to 343+620	BHS	ONGC & GAIL PIPE LINE	310	
5	343+850 to 343+900	RHS	GAS PIPE LINE	50	
6	352+490 to 352+620	BHS	ONGC Line	130	
			TOTAL LENGTH	820	

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

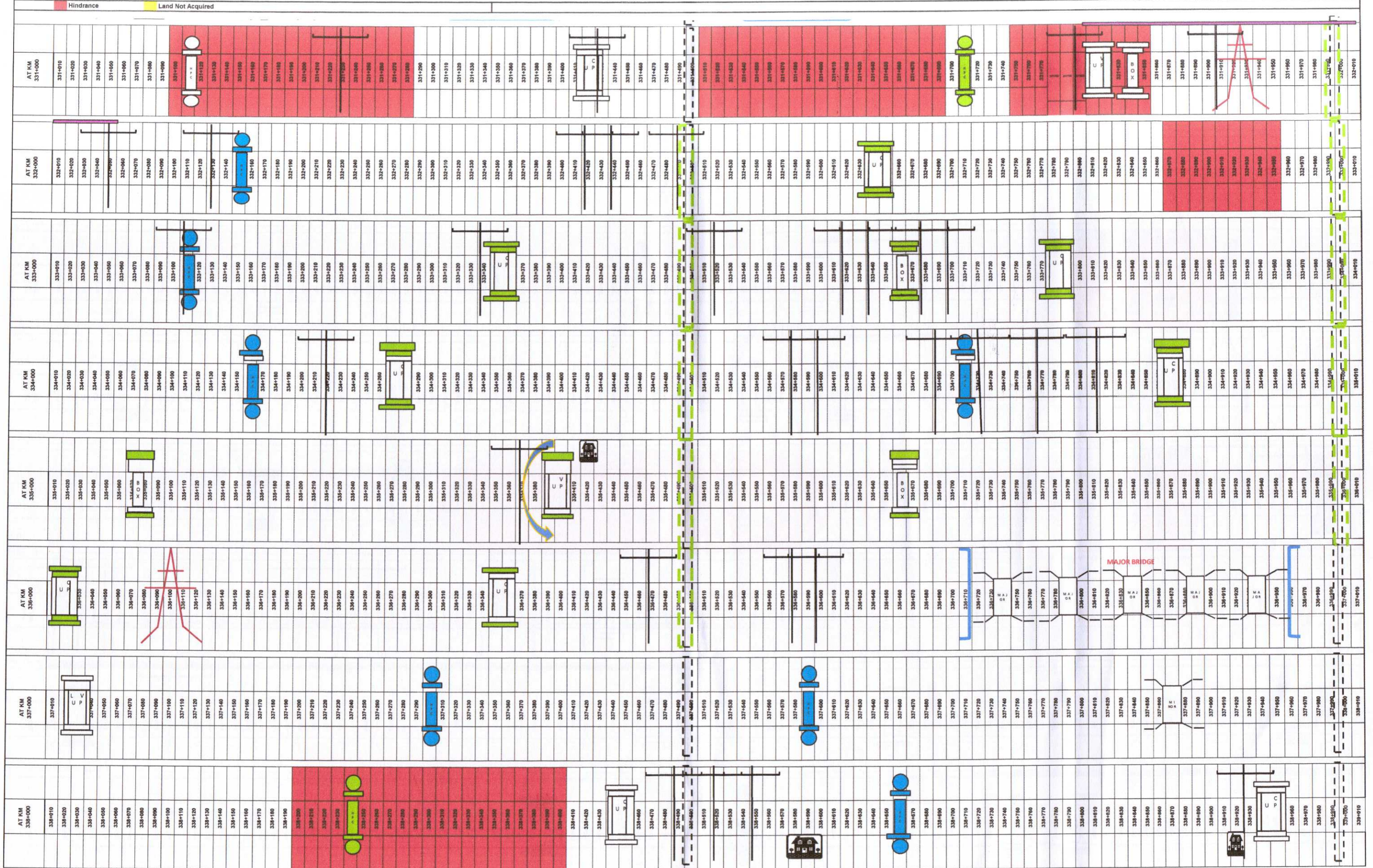
Details of Religious Structures like Temple, Mosque etc.

Sl. No.	Temple Chainage	Side	EFFECTED LENGTH	Remarks
1	353+670	Centerline	20	Temple
2	353+670	LHS	20	Mazar/Mosque
		TOTAL LENGTH	40	

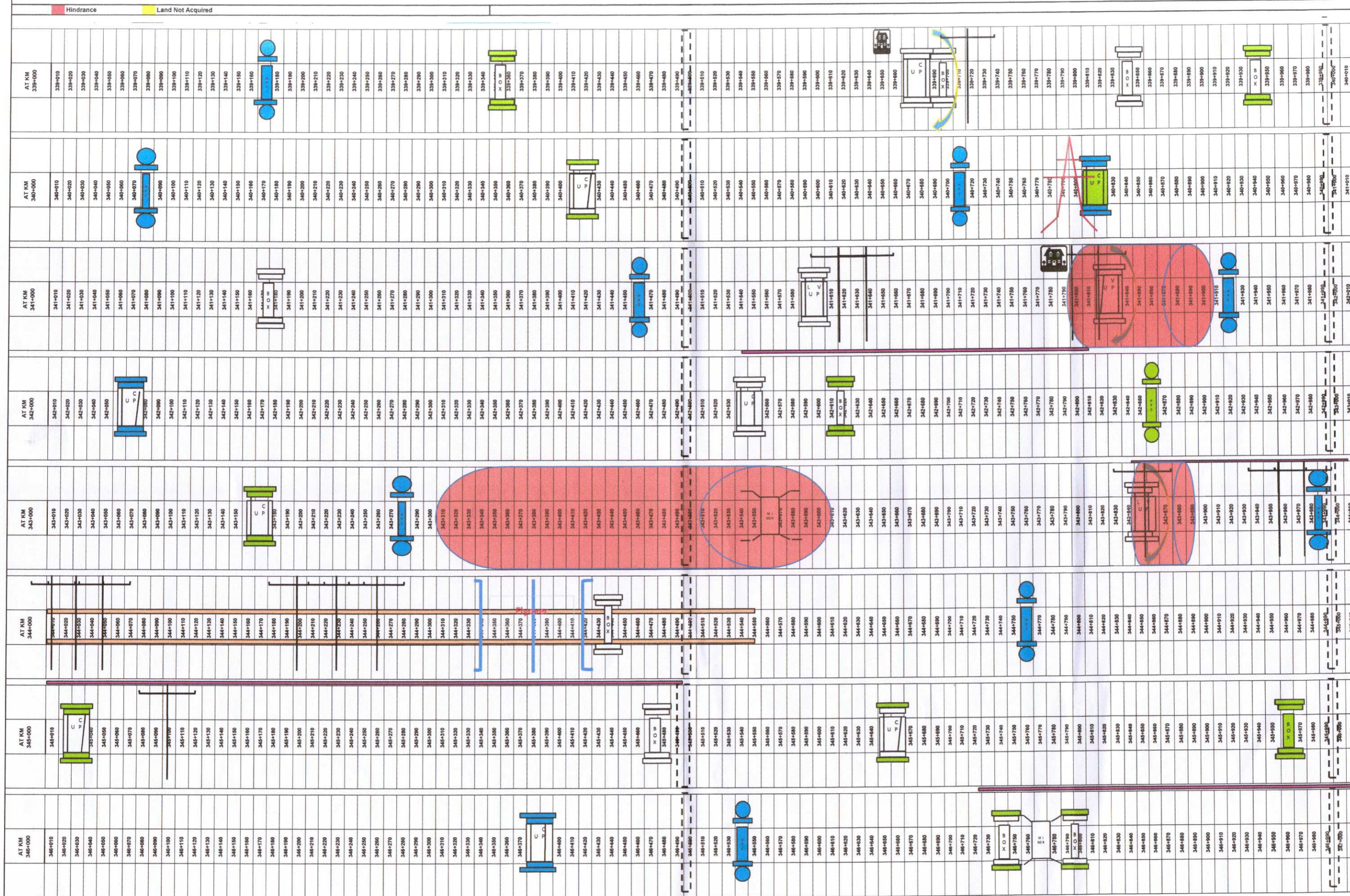
Construction of Eight Lane Vadodra - Kim Expressway from Km 323.00 to Km 355.00 (Sanpa to Padra Section of Vadodra - Mumbai Expressway) In the state of Gujarat on EPC Mode



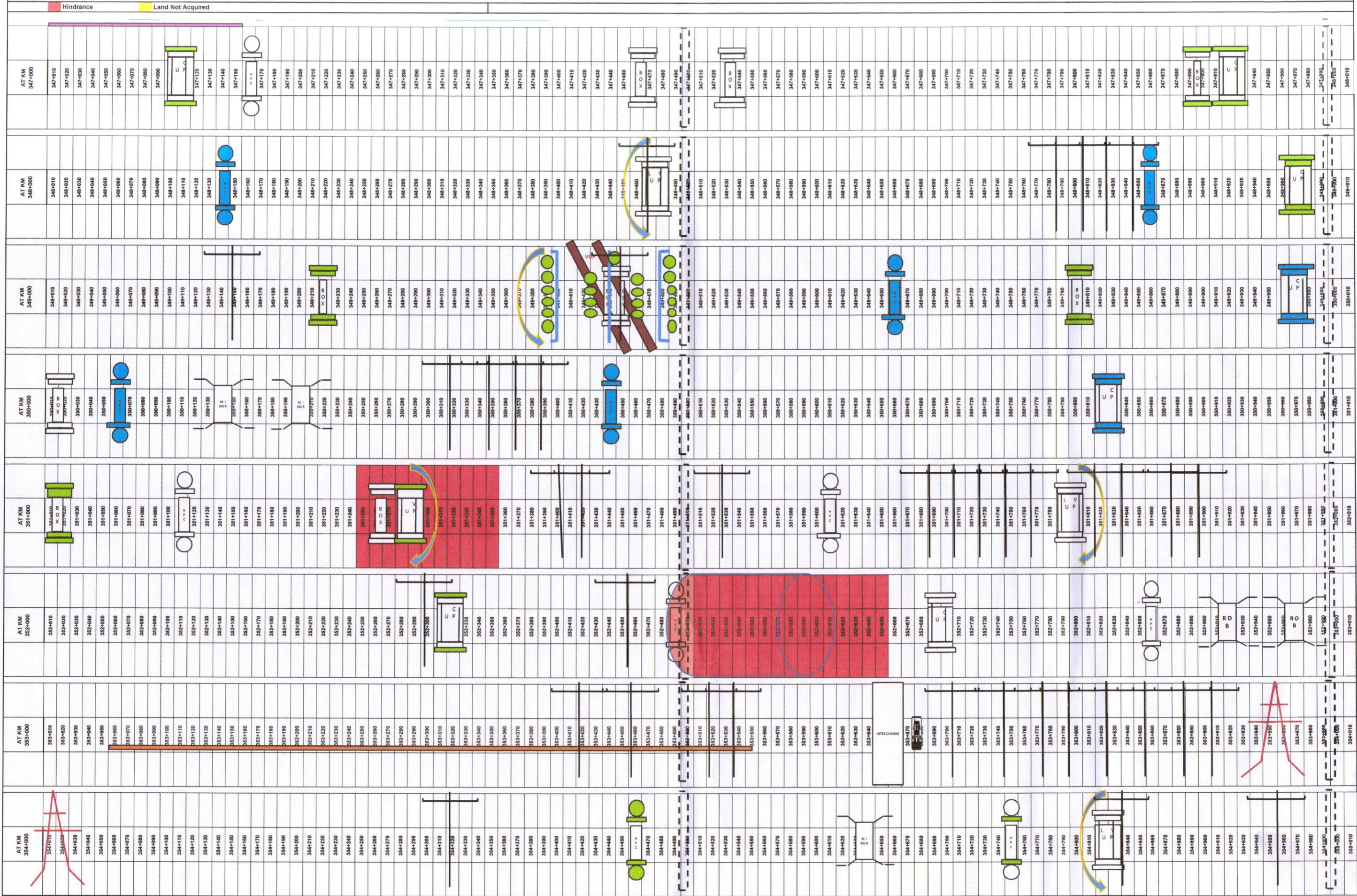
Construction of Eight Lane Vadodara - Kim Expressway from Km 323.00 to Km 355.00 (Sanpa to Padra Section of Vadodara - Mumbai Expressway) in the state of Gujarat on EPC Mode



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 on EPC Mode



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 on EPC Mode



Details of Letter Correspondence: from PIL TO IRCON.

Sr.	Date	Letter No.	Subject
1	01.01.2020	PIL/ VK2/ IRCON/ 355 / 2019	Request to Release 70% of the amount as Part Payment against the Stage Payment Statement No.-05 under Contract Clause 19.5.1
2	01.01.2020	PIL/ VK2/ IRCON/ 356 / 2020	Submission of Design and Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps for Flyover at Ch. 344+342
3	01.01.2020	PIL/ HO/ VKP2/IRCON/ 001/ 2020	Compliance on submitted Company Profile and Credentials of M/s. D.P. Wires Limited for H. T. Steel wire strands (Low relaxation Prestressed Concrete Strands) for Source Approval
4	02.01.2020	PIL/ VK2/ IRCON/ 357 / 2020	Resubmission of Safety, Traffic & Environment Plan.
5	02.01.2020	PIL/ VK2/ IRCON/ 358 / 2020	Resubmitting the Environment Management Plan
6	02.01.2020	PIL/ HO/ VKP2/IRCON/ 005/ 2020	Procurement of Labour License for the aforesaid project work
7	02.01.2020	PIL/ VK2/ IRCON/ 359 / 2020	Submission of Borrow area 48A, 48B, 48C, 48D & 48E
8	03.01.2020	PIL/ VK2/ IRCON/ 360 / 2020	Factory Visit of M/s Electrotherm (India) Ltd. for source approval.
9	03.01.2020	PIL/ VK2/ IRCON/ 362 / 2020	Submission of Borrow area 56A & 56B
10	04.01.2020	PIL/ VK2/ IRCON/ 366 / 2020	Submission of the working capital advance (WCA -02) against the work done, which could not be billed.
11	04.01.2020	PIL/ VK2/ IRCON/ 367 / 2020	Submission of Methodology of embankment top and subgrade construction by blending soil with N. sand & stone dust
12	06.01.2020	PIL/ VK2/ IRCON/ 368 / 2020	Approval of M/s Electrotherm (India) Ltd. for supply of steel.
13	06.01.2020	PIL/ VK2/ IRCON/ 369 / 2020	Submission of Company profile & Credentials of The "STEEL AUTO INDUSTRIES" for Bridge Bearings for source approval.
14	06.01.2020	PIL/ VK2/ IRCON/ 370 / 2020	Compliance of Use of unapproved material at site
15	06.01.2020	PIL/ HO/ VKP2/IRCON/ 015/ 2020	Submission of Design and Drawing of Minor Bridge at Ch. 323+075
16	06.01.2020	PIL/ VK2/ IRCON/ 371 / 2020	Submission of " Monthly Progress Report " for the Month of December - 2019
17	07.01.2020	PIL/ VK2/ IRCON/ 372 / 2020	Submission of Borrow area 52A & 52B
18	08.01.2020	PIL/ VK2/ IRCON/ 373 / 2020	Trail stretch for DLC
19	09.01.2020	PIL/ VK2/ IRCON/ 375 / 2020	Submission of Design & Drawings of Bearings for Interchange at chainage 353+670 except box girder span and 25 Meter span
20	09.01.2020	PIL/ VK2/ IRCON/ 376 / 2020	Submission of Test Report of Geogrid (Manufactured by - StrataGeosystems (India) Pvt. Ltd.)
21	10.01.2020	PIL/ VK2/ IRCON/ 377 / 2020	Submission of Diversion Plan over Padra Vadodara Road at VKE Ch.353+666 for taken permission from PWD B&R Vadodara
22	10.01.2020	PIL/ HO/ VKP2/IRCON/ 022/ 2020	Regarding achievement of Project Milestone as per Schedule - J
23	11.01.2020	PIL/ HO/ VKP2/IRCON/ 023/ 2020	Submission of Company Profile and Credentials for Bostik India Pvt. Limited for Source approval of Bostik India Pvt. Limited for PQC Joint Sealant for above Road Project
24	11.01.2020	PIL/ VK2/ IRCON/ 379 / 2020	Factory Visit of M/s Hercules Engineering (SEA) SDN BHD for source approval of Bridge Bearings & Expansion Joints
25	13.01.2020	PIL/ HO/ VKP2/IRCON/ 027/ 2020	Use of Branded Steel and Cement for Construction
26	16.01.2020	PIL/ VK2/ IRCON/ 380 / 2020	Submission of Environment Monitoring Report
27	16.01.2020	PIL/ VK2/ IRCON/ 381 / 2020	Regarding Land Acquisition on a acquiring land by force possession of certain numbers of some villages.
28	16.01.2020	PIL/ HO/ VKP2/IRCON/ 028/ 2020	Submission of detailed design and drawing of Sub - Structure for ROB over Vishwamitri - Jambusar section at

Sr.	Date	Letter No.	Subject
			Ch. 352+946 (Railway Portion)
29	16.01.2020	PIL/ VK2/ IRCON/ 382 / 2020	Submission of test reports for Back filling Materials.
30	17.01.2020	PIL/ HO/ VKP2/IRCON/ 031/ 2020	Submission of Design and Drawing of Foundation,Sub-Structure & Superstructure of VOP at Km.326+957
31	17.01.2020	PIL/ HO/ VKP2/IRCON/ 032/ 2020	Compliance to Observation on submitted GAD,Test Pile Design Report & Geotechnical Report of VOP at Km.349+441
32	18.01.2020	PIL/ VK2/ IRCON/ 383 / 2020	Insurance Policy for GAS Pipeline.
33	18.01.2020	PIL/ VK2/ IRCON/ 384 / 2020	Submission of Initial Vertical Pile Load Testing Report for MNB at Ch. 350+143 & MNB at Ch. 354+636.Tests were conducted by the Afsana Constructions.
34	18.01.2020	PIL/ VK2/ IRCON/ 385 / 2020	Submission of Design and Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps for PUP/CUP at Ch. 331+425 &for PUP/ CUP Ch. 333+786.
35	20.01.2020	PIL/ HO/ VKP2/IRCON/ 035/ 2020	Submission of Joint factory Visit Steel Test Result - Electrotherm (India) Ltd
36	20.01.2020	PIL/ HO/ VKP2/IRCON/ 036/ 2020	Request for the necessary amendment in executed Supplementary Agreement dated 27.09.2019
37	20.01.2020	PIL/ HO/ VKP2/IRCON/ 037/ 2020	Request for the change in Designated Bank Account details for the payment of Stage Payment
38	21.01.2020	PIL/ VK2/ IRCON/ 386 / 2020	Submission of Design and Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps for VUP at Ch. 331+822 & for PUP/CUP at Ch. 336+020.
39	21.01.2020	PIL/ VK2/ IRCON/ 387 / 2020	Submission of Design and Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps for PUP/CUP at Ch. 332+640 & for PUP/CUP at Ch. 334+868
40	21.01.2020	PIL/ VK2/ IRCON/ 388 / 2020	Submission of Environment Monitoring Report with compliance.
41	21.01.2020	PIL/ HO/IRCON/ 044/ 2020	Submission of Proof Checked Design and Drawing (323+075, 324+193, 354+636)
42	21.01.2020	PIL/ HO/IRCON/ 045/ 2020	Compliance to the observations made on Submission design & drawings of foundation and substructure of Interchange at Km 353+670
43	23.01.2020	PIL/ VK2/ IRCON/ 389 / 2020	Submission of IPC - 06
44	04.01.2020	PIL/ VK2/ IRCON/ 366A / 2020	Request to Release Rupees 30 Crore (Thirty crore) of amount as adhoc Payment against the Work Capital advance (WCA-02).
45	23.01.2020	PIL/ VK2/ IRCON/ 390 / 2020	Submission of Design and Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps for VUP at Ch. 330+402 & for PUP/CUP at Ch. 336+355.
46	23.01.2020	PIL/ VK2/ IRCON/ 391 / 2020	Insurance Policy for GAS Pipeline. (Endorsement correction in GAIL Policy)
47	24.01.2020	PIL/ VK2/ IRCON/ 392 / 2020	Submission of 28 Days Comprehensive Strength Report of M45 Mix Design.
48	24.01.2020	PIL/ VK2/ IRCON/ 394 / 2020	Regarding Slow Progress of structure works from km 347 to km 355
49	27.01.2020	PIL/ VK2/ IRCON/ 395 / 2020	Submission of Hard copy of Design and Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps.
50	29.01.2020	PIL/ HO/VKP2/IRCON/ 058/ 2020	Submission of Revised Highway Drawing Plan & Profile from 323.000 to 355.000
51	30.01.2020	PIL/ VK2/ IRCON/ 397 / 2020	Submission of Design and Drawing Document for Preliminary basis approval for Reinforced Soil approach

Sr.	Date	Letter No.	Subject
			ramps for VUP at Ch. 335+402.
52	30.01.2020	PIL/ VK2/ IRCON/ 398 / 2020	Submission of Borrow area 53
53	30.01.2020	PIL/ VK2/ IRCON/ 399 / 2020	Submission of Pile Integrity Test Report for MJBR, test conducted at Ch. 336+800.
54	30.01.2020	PIL/ VK2/ IRCON/ 400 / 2020	Achievement of Project Milestone – I as per schedule G of CA – Reg.
55	31.01.2020	PIL/ VK2/ IRCON/ 401 / 2020	Submission of Design and Drawing Document for preliminary Basis approval for Reinforcement Soil approach ramps for flyover at Ch. 344+342, PUP/CUP at Ch. 339+687 & submission of offset data sheet & Drawing of Flyover at Ch. 344+342.
56	31.01.2020	PIL/ VK2/ IRCON/ 402 / 2020	Insurance Policy for GAS Pipeline. (Endorsement correction in GAIL Policy)
57	31.01.2020	PIL/ HO/VKP2/IRCON/ 068/ 2020	Submission of Design and Drawing of Interchange at Ch. 323+075
58	31.01.2020	PIL/ HO/VKP2/IRCON/ 069/ 2020	Submission of Drawing and Design for staging arrangement for Box Girder of Interchange Ch. 353+670
59	31.01.2020	PIL/ VK2/ IRCON/ 403 / 2020	Submission of Design & Drawings of Bearings for MJBR at chainage 336+810.

Details of Letter Correspondence: from IRCON TO PIL.

Sr.	Date	Letter No.	Subject
1	03.01.2020	IRCON/ 3019/ VKE/ PATEL / 1142	Internal Quality and SHE Audit
2	03.01.2020	IRCON/ 3019/ VKE/ PATEL / 1143	Submission of Test Reports of source visit of SUYOG for Flyash and Strata Geosystems (India) Pvt. Ltd. for Geogrid
3	04.01.2020	IRCON/ 3019/ VKE/ PATEL / 1146	Submission of Test Reports of source visit of SUYOG for Flyash and Strata Geosystems (India) Pvt. Ltd. for Geogrid
4	06.01.2020	IRCON/ 3019/ VKE/ PATEL / 1151	Use of unapproved material at site
5	06.01.2020	IRCON/ 3019/ VKE/ PATEL / 1155	Insurance Policy for Gas Pipeline
6	09.01.2020	IRCON/ 3019/ VKE/ PATEL / 1163	Submission of vertical load test results of Interchange at Km 353+670 conducted by the Afsana Constructions.
7	09.01.2020	IRCON/ 3019/ VKE/ PATEL / 1164	Submission of Company Profile and Credentials of "HERCULES" ENGINEERING (SEA) SDN BHD" for Bridge Bearing and Expansion joints for source approval
8	09.01.2020	IRCON/ 3019/ VKE/ PATEL / 1165	Submission of Filter Media Mix Design
9	09.01.2020	IRCON/ 3019/ VKE/ PATEL / 1166	Submission of Borrow Area 56, 58, 59, 59A & 60
10	11.01.2020	MOM	Minutes of meeting held at Ircon's Virpur Camp office on 11.01.2020 at 11.00 Hrs to discuss the progress of the project and further course of action.
11	13.01.2020	IRCON/ 3019/ VKE/ PATEL / 1171	Submission of High Strain Pile Load Testing Report for Interchanges at Km 353+666
12	15.01.2020	IRCON/ 3019/ VKE/ PATEL / 1177	Submission of Borrow Area 57
13	15.01.2020	IRCON/ 3019/ VKE/ PATEL / 1178	Submission of Company Profile and Credentials of M/s Dynamic Prestress for procurement of Prestressing Materials for Source Approval.
14	15.01.2020	IRCON/ 3019/ VKE/ PATEL / 1179	Submission of Design and Drawing Document for preliminary Basic approval for Reinforcement Soil approach ramps for flyover at Ch. 344+342
15	15.01.2020	IRCON/ 3019/ VKE/ PATEL / 1180	Submission of Design and Drawing Document for Preliminary basic approval for Reinforced Soil approach ramps for PUP/CUP at Ch. 389+687 & submission of offset data sheet & Drawing of Flyover at Ch. 344+342
16	15.01.2020	IRCON/ 3019/ VKE/ PATEL / 1181	Use of Branded Steel and Cement for Construction
17	15.01.2020	IRCON/ 3019/ VKE/ PATEL / 1182	Sardar Sarovar Narmada Nigam Limited Office letter no. NPCDN-10/PB-1/92/4052 of 2019 dated 17.12.2019
18	15.01.2020	IRCON/ 3019/ VKE/ PATEL / 1183	Construction of Sub grade and Top 500 mm portion of Embankment
19	15.01.2020	IRCON/ 3019/ VKE/ PATEL / 1184	Observation of 31st National Road Safety Week 2020 from 11th January to 17th January 2020
20	15.01.2020	IRCON/ 3019/ VKE/ PATEL / 1185	Use of Branded Steel and Cement for Construction.
21	15.01.2020	IRCON/ 3019/ VKE/ PATEL / 1186	Joint Factory Visit to M/s Electrotherm (India) Ltd.
22	16.01.2020	IRCON/ 3019/ VKE/ PATEL / 1189	Observations/ Deficiencies during Site Inspection carried out by PD, Bharuch on date 13.01.2020
23	18.01.2020	IRCON/ 3019/ VKE/ PATEL / 1197	Site Instruction Note for construction of RCC girder at Ch. 354+636
24	18.01.2020	IRCON/ 3019/ VKE/ PATEL / 1199	Programme of Inspection on the Project Highway for the month of January 2020
25	18.01.2020	IRCON/ 3019/ VKE/ PATEL / 1200	Factory Visit of M/s HERCULES ENGINEERING (SEA) SDN BHD for Source approval of Bridge Bearings and Expansion Joints

Sr.	Date	Letter No.	Subject
26	18.01.2020	IRCON/ 3019/ VKE/ PATEL / 1201	Regarding Slow Progress
27	18.01.2020	IRCON/ 3019/ VKE/ PATEL / 1203	Deficiencies observed during the visit of CGM (Tech) and RO Gujarat, NHAI
28	20.01.2020	IRCON/ 3019/ VKE/ PATEL / 1204	To put a canal on Road going to Sambhoi village of Karjan Taluka on Vadodara Mumbai Expressway
29	20.01.2020	IRCON/ 3019/ VKE/ PATEL / 1206	Approval of the utility estimate of MGVCL of Karjan, Padra-1 & Padra-2 Sub-Division under Baroda Rural Division
30	20.01.2020	IRCON/ 3019/ VKE/ PATEL / 1207	GAD, Reinforcement Details, Initial Pile Loads Test, Design & Drawing of Foundation, Sub Structure and Superstructure (Railway Section) for ROB at Ch. Km. 352+946
31	22.01.2020	IRCON/ 3019/ VKE/ PATEL / 1211	Status of LA
32	22.01.2020	IRCON/ 3019/ VKE/ PATEL / 1212	To make culvert for way to Village: Sambhoi of Taluka: karjan, on Vadodara - Mumbai Expressway.
33	23.01.2020	IRCON/ 3019/ VKE/ PATEL / 1216	Regarding Slow Progress of structure works from km 347 to km 355
34	23.01.2020	IRCON/ 3019/ VKE/ PATEL / 1219	Submission of Drawing of Chain Link Fencing.
35	23.01.2020	IRCON/ 3019/ VKE/ PATEL / 1220	Supervision Charge for Shifting of Utility.
36	23.01.2020	IRCON/ 3019/ VKE/ PATEL / 1221	Six Monthly (MoEF) Monitoring Report No. 02
37	23.01.2020	IRCON/ 3019/ VKE/ PATEL / 1224	Payment of Supervision charges and Security Deposit for crossing of GAIL pipeline at Interchange at km 353+666 in Package II
38	24.01.2020	IRCON/ 3019/ VKE/ PATEL / 1227	Deployment of skilled & trained personnel for field & lab testing
39	24.01.2020	IRCON/ 3019/ VKE/ PATEL / 1228	Use of unapproved make of TMT bars
40	25.01.2020	IRCON/ 3019/ VKE/ PATEL / 1230	concreting of Deck Slab without clearance by representative of IRCON
41	27.01.2020	IRCON/ 3019/ VKE/ PATEL / 1237	Notice under Clauses 10.3.2 & 10.3.3 of Contract Agreement dated 19.11.2018
42	27.01.2020	IRCON/ 3019/ VKE/ PATEL / 1238	Regarding Slow progress of structure works from Km 339 to Km 347
43	28.01.2020	IRCON/ 3019/ VKE/ PATEL / 1242	Submission of Design & Drawing of Interchange 323+075
44	28.01.2020	IRCON/ 3019/ VKE/ PATEL / 1243	Submission of Borrow area 52A & 52B
45	28.01.2020	IRCON/ 3019/ VKE/ PATEL / 1244	Submission of Borrow Area 48A, 48B, 48C, 48D & 48E
46	28.01.2020	IRCON/ 3019/ VKE/ PATEL / 1246	Estimate for Shifting of Utility
47	28.01.2020	IRCON/ 3019/ VKE/ PATEL / 1245	Supervision Charges for Shifting of Utility
48	28.01.2020	IRCON/ 3019/ VKE/ PATEL / 1250	Use of 1200 dia & 600 dia NP4 Hume Pipes at site
49	28.01.2020	IRCON/ 3019/ VKE/ PATEL / 1251	Compliance of Use of unapproved material at site
50	28.01.2020	IRCON/ 3019/ VKE/ PATEL / 1252	Use of Branded Steel and Cement for construction
51	28.01.2020	IRCON/ 3019/ VKE/ PATEL / 1254	Submission of Monthly Progress Reports (MPR) for December 2019
52	29.01.2020	IRCON/ 3019/ VKE/ PATEL / 1256	Submission of Revised Design and drawing for plan and profile from 323+000 to 355+000
53	29.01.2020	IRCON/ 3019/ VKE/ PATEL / 1257	Notification of Achievement of Project Milestone - I (Physical Progress) as per Schedule - J of Contract Agreement
54	30.01.2020	IRCON/ 3019/ VKE/ PATEL / 1259	Monthly Progress Report of M/s Patel Infrastructure Limited
55	30.01.2020	IRCON/ 3019/ VKE/ PATEL / 1260	Regarding Slow Progress of Earthwork from km 339 to Km 355
56	31.01.2020	IRCON/ 3019/ VKE/ PATEL / 1264	Regarding construction of Pier Cap at VOP 339+441

CLIENT

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

CONCESSIONAIRE
 INDEPENDENT ENGINEER
 EPC CONTRACTOR

B/A No.	RFI No.	Date Of Sampling	Date Of Testing	Survey No.	Village	Type of land	Area (Hec.)	Contractor Name	LOCATTON	SIDE	Lead(Mtr)	Qty (Cummm)	No. of Pit	MDD	OMC	Gravel Sand	Silt& Clay	LL	PI	FSI	CBR	Used For	REMARKS		
1	6	13.12.2018	23.01.2019	120	Sadad	Private	0.75.64	M/s ABCC Builders	335+950	RHS	0.5 Km	10500	7	1.830	11.69	4.31	28.67	67.02	32.98	12.43	28.64	-	Emb.	Approved	
1 (A)	119	01.03.2019	06.03.2019	120	Sadad	Private	0.75.64	M/s ABCC Builders	336+000	RHS	0.5 Km	10500	7	1.836	11.34	3.03	30.09	66.89	31.14	11.55	28.69	-	Emb.	Approved	
1 (B)	360	18.03.2019	19.03.2019	120	Sadad	Private	0.75.64	M/s ABCC Builders	336+000	RHS	0.5 Km	10500	7	1.834	11.21	3.60	32.8	63.6	32.3	12.1	22.33	-	Emb.	Approved	
1 (C)	579	29.03.2019	31.03.2019	120	Sadad	Private	0.75.64	M/s ABCC Builders	336+000	RHS	0.5 Km	10500	7	1.828	11.52	3.20	36.4	60.4	32.8	11.8	20.00	-	Emb.	Approved	
1 (D)	1204	18.04.2019	19.04.2019	120	Sadad	Private	0.75.64	M/s ABCC Builders	336+000	RHS	0.5 Km	10500	7	1.838	11.80	2.40	39.80	57.80	32.7	11.6	15.00	-	Emb.	Approved	
1 (E)	2251	18.04.2019	19.04.2019	120	Sadad	Private	0.75.64	M/s ABCC Builders	336+000	RHS	0.5 Km	10500	7	1.836	11.91	1.80	40.6	57.6	33.8	11.2	21.64	-	Emb.	Approved	
2	18	10.01.2019	29.01.2019	315	Goriyad	Sujlam-Sujlam	3.13.92	M/s Sukhvinder	346+800	RHS	0.1 Km	33000	22	1.880	11.66	3.55	27.64	68.86	31.15	12.54	26.59	6.21	Emb.	Approved	
2(A)	3272	22.06.2019	24.06.2019	315	Goriyad	Sujlam-Sujlam	3.13.92	M/s Sukhvinder	346+800	RHS	0.1 Km	33000	22	1.891	11.00	4.57	31.91	63.49	29.33	9.5	20.46	Emb.	Approved		
2(B)	10824	07.01.2020	12.01.2020	315	Goriyad	Sujlam-Sujlam	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	-	Emb.	Submitted	
2(C)	10824	07.01.2020	13.01.2020	315	Goriyad	Sujlam-Sujlam	3.13.92	M/s Sukhvinder	346+800	RHS	0.1 Km	33000	22	1.860	12.65	4.19	34.87	60.94	29.61	9.77	17.49	-	Emb.	Submitted	
3	24	23.01.2019	02.02.2019	183	Mater	Sujlam-Sujlam	11.45.36	M/s Supernova	323+100	LHS	0.8 Km	94500	63	1.856	12.14	3.46	29.86	66.64	32.18	10.67	25.10	-	Emb.	Approved	
3 (A)	1097	18.04.2019	19.04.2019	183	Mater	Sujlam-Sujlam	11.45.36	M/s Supernova	323+100	LHS	0.8 Km	94500	63	1.873	12.13	4.52	33.99	61.54	30.64	10.71	19.55	8.70	S.G.	Approved	
3 (B)	2206	23.05.2019	19.04.2019	183	Mater	Sujlam-Sujlam	11.45.36	M/s Supernova	323+100	LHS	0.8 Km	94500	63	1.868	12.51	4.37	33.29	62.32	29.73	10.85	22.41	9.73	S.G.	Approved	
3 (C)	3783	24.07.2019	25.07.2019	183	Mater	Sujlam-Sujlam	11.45.36	M/s Supernova	323+100	LHS	0.8 Km	94500	63	1.869	12.11	3.76	35.63	60.00	29.89	10.42	21.65	11.94	S.G.	Submitted	
3 (D)	11300	20.01.2020	03.02.2020	183	Mater	Sujlam-Sujlam	11.45.36	M/s Supernova	323+100	LHS	0.8 Km	94500	63											In process	
3 (E)	11300	20.01.2020		183	Mater	Sujlam-Sujlam	11.45.36	M/s Supernova	323+100	LHS	0.8 Km	94500	63												In process
4	38	04.02.2019	13.02.2019	578	Surwada	Private	2.39	M/s Radhe Krishna	333+500	RHS	0.8 Km	41948	28	1.902	11.77	2.44	24.12	73.41	30.06	9.04	22.68	-	Emb.	Approved	
5																									Approved
6	7	12.02.2019	21.02.2019	594	Surwada	Private	0.60.12	M/s Radhe Krishna	334+250	LHS	0.4 Km	7500	6	1.895	11.34	2.70	23.72	73.58	31.45	10.09	23.83	-	Emb.	Cancel	
6 (A)	173	02.03.2019	06.03.2019	594	Surwada	Private	0.60.12	M/s Radhe Krishna	334+250	LHS	400 mtr	7500	6	1.885	10.73	5.76	32.56	61.68	30.47	11.27	28.00	-	Emb.	Approved	
6 (B)	687	02.04.2019	19.04.2019	594	Surwada	Private	0.60.12	M/s Radhe Krishna	334+250	LHS	400 mtr	7500	6	1.881	10.64	3.63	32.27	64.1	29.30	10.09	18.33	-	Emb.	Approved	
6 (C)	2433	29.05.2019	10.06.2019	594	Surwada	Private	0.60.12	M/s Radhe Krishna	334+250	LHS	400 mtr	7500	6	1.886	10.58	4.08	30.68	65.23	29.16	10.11	19.73	5.97	Emb.	Approved	
7	8	12.02.2019	20.02.2019	386	Mater	Sujlam-Sujlam	0.98	M/s Supernova	323+000	LHS	2.0 Km	30000	20	1.880	11.44	5.97	32.17	61.86	31.19	11.54	28.75	-	Emb.	Approved	
8	210	09.03.2019	10.03.2019	722	Goriyad	Sujlam-Sujlam	1.00.00	M/s Sukhvinder	344+500	LHS	2.0 Km	15000	10	1.896	12.24	4.69	40.93	54.38	31.57	11.03	25.50	-	Emb.	Approved	
8(A)	2487	29.05.2019	11.06.2019	722	Goriyad	Sujlam-Sujlam	1.00.00	M/s Sukhvinder	344+500	LHS	2.0 Km	15000	10	1.885	12.25	3.84	35.24	60.92	30.12	10.04	19.50	-	Emb.	Approved	
8(B)	3028	13.06.2019	15.06.2019	722	Goriyad	Sujlam-Sujlam	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	
9	29	16.02.2019	22.02.2019	474	Sapa	Private	0.88.02	M/s A.R. Infra	325+000	LHS	1.5 Km	13500	9	1.860	10.89	5.20	34.97	59.84	30.35	12.83	27.96	-	Emb.	Approved	
9(A)	3823	26.07.2019	26.07.2019	474	Sapa	Private	0.88.02	M/s A.R. Infra	325+000	LHS	1.5 Km	13500	9	1.874	11.94	3.42	32.51	64.07	20.63	6.91	16.30	-	Emb.	Approved	
10	175	06.03.2019	08.03.2019	29,25,28	Surwada	Sujlam-Sujlam	5.12.00	M/s ABCC Builders	335+400	RHS	1.0 Km	45000	30	1.852	12.06	4.06	30.26	65.69	30.52	11.71	22.17	-	Emb.	Approved	
10 Ext.	1142(A)	16.04.2019	17.04.2019	29,25,28	Surwada	Sujlam-Sujlam	5.12.00	M/s ABCC Builders	335+400	RHS	1.0 Km	45000	30	1.850	12.10	3.39	39.11	57.50	28.87	9.32	21.50	-	Emb.	Approved	
10 (A)	1301	18.04.2014	19.04.2019	29,25,28	Surwada	Sujlam-Sujlam	5.12.00	M/s ABCC Builders	335+400	RHS	1.0 Km	90000	60	1.868	12.30	4.40	34.96	60.78	30.28	10.68	21.98	8.41	S.G.	Approved	
10 (B)	2207	23.05.2019	19.04.2019	29,25,28	Surwada	Sujlam-Sujlam	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	

B/A No.	RFI No.	Date of Sampling	Date of Testing	Survey No.	Village	Type of land	Area (Hec.)	Contractor Name	LOCATION	SIDE	Lead(Mtr)	Qty (Cumm)	No. of Pit	MDD	OMC	Gravel Sand	Silt & Clay	LL	PI	FSI	CBR	Used For	REMARKS		
10 (C)	3784	24.07.2019	26.07.2019	29,25,28	Surwada	Sujlam-Sufiam	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	47																						Cancel	Cancel	
13																							Cancel	Cancel	
14	60	22.02.2019	28.02.2019	45	Sadad	Private	0.71.61	M/s BGB Infra	337+800	LHS	60 mtr	10500	7	1.828	11.29	2.83	28.71	68.46	33.19	12.51	23.39	4.06	Emb.	Approved	
14 (A)	2208	23.05.2019	24.05.2019	45	Sadad	Private	0.71.61	M/s BGB Infra	337+800	LHS	60 mtr	10500	7	1.814	11.92	3.65	32.65	63.70	32.16	11.72	20.00	-	Emb.	Approved	
14 (B)	2353	27.05.2019	30.05.2019	45	Sadad	Private	0.71.61	M/s BGB Infra	337+800	LHS	60 mtr	10500	7	1.826	11.85	3.8	29.95	66.25	30.25	10.58	23.67	-	Emb.	Approved	
14 (C)	2484	29.05.2019	10.06.2019	45	Sadad	Private	0.71.61	M/s BGB Infra	337+800	LHS	60 mtr	10500	7	1.820	12.00	4.25	34.15	61.60	31.8	11.24	25.00	-	Emb.	Approved	
14(D)	2566	30.05.2019	12.06.2019	45	Sadad	Private	0.71.61	M/s BGB Infra	337+800	LHS	60 mtr	10500	7	1.830	11.50	4.68	32.58	62.74	32.5	12.1	20.00	-	Emb.	Approved	
14(E)	2658	31.05.2019	14.06.2019	45	Sadad	Private	0.71.61	M/s BGB Infra	337+800	LHS	60 mtr	10500	7	1.825	11.76	3.93	37.63	58.44	29.58	10.46	18.33	-	Emb.	Approved	
15	61	22.02.2019	03.03.2019	47	Sadad	Private	1.52.57	M/s BGB Infra	337+950	LHS	200 mtr	24000	16	1.826	11.03	5.50	33.57	60.92	32.82	11.60	29.00	-	Emb.	Approved	
16	64	23.02.2019	06.03.2019	81,82	Sadad	Private	1.582	M/s BGB Infra	336+950	RHS	780 mtr	24000	16	1.825	10.81	2.29	26.06	71.66	32.07	11.73	22.14	-	Emb.	Approved	
16 (A)	742	04.04.2019	06.04.2019	81,82	Sadad	Private	1.582	M/s BGB Infra	336+950	RHS	780 mtr	24000	16	1.831	11.57	3.60	41.58	55.32	28.60	8.86	18.02	-	Emb.	Approved	
16 (B)	2252	24.05.2019	10.06.2019	81,82	Sadad	Private	1.582	M/s BGB Infra	336+950	RHS	780 mtr	24000	16	1.838	12.05	4.23	32.03	64.80	31.20	11.80	30.00	-	Emb.	Approved	
16 (C)	3090	15.06.2019	16.06.2019	81,82	Sadad	Private	1.582	M/s BGB Infra	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	SG	Approved	
17	65	01.04.2019	03.04.2019	892	Handod	Sujlam-Sufiam	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	23.05.2019	24.05.2019	892	Handod	Sujlam-Sufiam	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	-	S.G.	Approved	
17 (B)	2354	27.05.2019	29.05.2019	892	Handod	Sujlam-Sufiam	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	-	S.G.	Approved	
17 (C)	2485	29.05.2019	05.06.2019	892	Handod	Sujlam-Sufiam	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	-	S.G.	Approved	
17 (D)	2485	29.05.2019	10.06.2019	892	Handod	Sujlam-Sufiam	3.80	M/s Radhe Krishna	333+000	RHS	0.6 Km	30000	20	1.870	12.92	4.6	32.51	62.89	29.93	10.74	22.67	-	S.G.	Approved	
17 (E)	2485	17.06.2019	19.06.2019	892	Handod	Sujlam-Sufiam	3.80	M/s Radhe Krishna	333+000	RHS	0.6 Km	30000	20	1.858	12.44	3.77	32.34	63.89	30.45	11.00	21.50	9.62	-	S.G.	Approved
18	120	02.03.2019	07.03.2019	356	Husepur	Private	0.73.13	M/s Katvayni	338+300	LHS	200 mtr	10500	7	1.848	11.96	3.00	34.00	63.00	33.00	12.50	35.00	-	Emb.	Approved	
18 (A)	2253	18.04.2019	20.04.2019	356	Husepur	Private	0.73.13	M/s Katvayni	338+300	LHS	200 mtr	10500	7	1.858	12.44	3.51	37.00	59.14	30.04	10.94	21.55	5.28	-	Emb.	Approved
18 (B)	3091	15.06.2019	16.06.2019	356	Husepur	Private	0.73.13	M/s Katvayni	338+300	LHS	200 mtr	10500	7	1.858	12.24	3.81	38.66	57.54	30.03	10.69	24.05	-	Emb.	Approved	
18 (C)	3250	21.06.2019	22.06.2019	356	Husepur	Private	0.73.13	M/s Katvayni	338+300	LHS	200 mtr	10500	7	1.858	12.45	3.96	33.86	62.19	28.89	10.01	24.76	-	Emb.	Approved	
19	121	02.03.2019	15.03.2019	237	Husepur	Private	1.01.91	M/s Katvayni	338+200	RHS	120 mtr	15287	10	1.842	12.07	2.00	39.00	59.00	33.00	13.00	38.00	-	Emb.	Approved	
20	133	02.03.2019	07.03.2019	68	Darapur	Sujlam-Sufiam	8.89.82	M/s Ashwani	349+500	LHS	700 mtr	7500	5	1.880	11.94	5.76	31.24	63.00	32.14	11.42	27.67	-	Emb.	Approved	
20 (E)	453	23.03.2019	25.03.2019	68	Darapur	Sujlam-Sufiam	8.89.82	M/s Ashwani	349+500	LHS	700 mtr	37500	25	1.900	12.13	4.32	30.27	65.53	29.82	11.06	20.80	-	Emb.	Approved	
20 C2	2209(A)	23.05.2019	26.05.2019	68	Darapur	Sujlam-Sufiam	8.89.82	M/s Ashwani	349+500	LHS	700 mtr	88500	59	1.890	12.12	3.42	37.97	57.85	28.78	10.06	19.24	-	Emb.	Approved	
20 A	2484(A)	29.05.2019	05.07.2019	68	Darapur	Sujlam-Sufiam	8.89.82	M/s Ashwani	349+500	LHS	700 mtr	133500	89	1.880	11.47	3.71	37.58	58.71	29.12	9.75	18.48	-	Emb.	Approved	
20 B	3091A	15.06.2019	11.07.2019	68	Darapur	Sujlam-Sufiam	8.89.82	M/s Ashwani	349+500	LHS	700 mtr	133500	89	1.885	11.80	4.08	32.78	63.21	29.63	10.17	21.03	-	Emb.	Approved	
20 C	3250A	21.06.2019	16.07.2019	68	Darapur	Sujlam-Sufiam	8.89.82	M/s Ashwani	349+500	LHS	700 mtr	133500	89	1.868	11.80	4.13	35.31	60.45	29.05	9.86	20.37	-	Emb.	Approved	
21	189	08.03.2019	17.03.2019	285	Bodka	Sujlam-Sufiam	3.11.51	M/s A.R. Infra	327+500	LHS	1.0 Km	30000	20	1.856	12.06	3.30	27.05	69.59	30.71	11.1	22.73	-	Emb.	Approved	
22	190	08.03.2019	22.03.2019	315	Bodka	Sujlam-Sufiam	1.01.17	M/s A.R. Infra	327+500	LHS	1.5 Km	16500	11	1.889	12.85	3.36	28.05	69.59	30.71	11.1	22.67	-	Emb.	Approved	
23	186	07.03.2019	12.03.2019	149	Sapa	Sujlam-Sufiam	7.45.64	M/s Supernova	325+500	LHS	1.0 Km	30000	20	1.854	12.27	4.23	34.94	60.84	29.47	11.79	22.33	-	Emb.	Approved	
23 E	1858(A)	13.05.2019	20.05.2019	149	Sapa	Sujlam-Sufiam	7.45.64	M/s Supernova	325+500	LHS	1.0 Km	82500	55	1.855	12.30	4.28	33.49	62.31	28.18	9.71	20.61	-	Emb.	Approved	
23 A	2487(A)	29.05.2019	19.07.2019	149	Sapa	Sujlam-Sufiam	7.45.64	M/s Supernova	325+500	LHS	1.0 Km	112500	75	1.860	12.00	4.85	37.00	58.15	29.20	11.25	16.67	-	Emb.	Approved	
24	278	13.03.2019	29.03.2019	23	Kambha	Private	3.44.99	M/s Sagar Infra	329+500	LHS	0.8 Km	48000	32	1.889	11.95	2.50	33.50	64.00	33.14	11.66	33.33	-	Emb.	Approved	
24(A)	3147(A)	17.06.2019	20.06.2019	23	Kambha	Private	3.44.99	M/s Sagar Infra	329+500	LHS	0.8 Km	48000	32	1.905	12.88	3.74	37.89	58.37	28.38	10.06	20.94	-	Emb.	Approved	
24(B)	3147(A)	17.06.2019	22.06.2019	23	Kambha	Private	3.44.99	M/s Sagar Infra	329+500	LHS	0.8 Km	48000	32	1.853	12.68	3.88	38.66	57.54	30.68	10.62	20.26	-	Emb.	Approved	
24(C)	3247	21.06.2019	25.06.2019	23	Kambha	Private	3.44.99	M/s Sagar Infra	329+500	LHS	0.8 Km	48000	32	1.867	12.1	3.66	38.96	57.38	28.52	9.05	19.90	-	Emb.	Approved	

B/A No.	RFI No.	Date of Sampling	Date of Testing	Survey No.	Village	Type of land	Area (Hec.)	Contractor Name	LOCATION	SIDE	Lead(Mtr)	Qty (Cummm)	No. of Pit	MDD	OMC	Gravel Sand	Silt& Clay	LL	PI	FSI	CBR	Used For	REMARKS	
24(D)	10177	21.12.2019	26.12.2019	23	Kanbha	Private	3.44.99	M/s Sagar Infra	329+500	LHS	0.8 Km	48000	32	1.875	12.52	3.74	37.44	58.82	29.01	9.52	18.77	12.67	S.G.	To be Submitted
24 (E)	11297	20.01.2020	21.01.2020	23	Kanbha	Private	3.44.99	M/s Sagar Infra	329+500	LHS	0.8 Km	48000	32	1.880	11.85	3.50	36.50	60.00	28.68	8.5	16.67	-	-	To be Submitted
25	580	29.03.2019	01.04.2019	364	Manpur	Private	1.15.80	M/s Sagar Infra	336+000	RHS	0.8 Km	18000	12	1.875	12.33	3.34	38.91	57.63	30.71	10.72	25.28	-	Emb.	Approved
25 (A)	9211	26.11.2019	04.12.2019	364	Manpur	Private	1.15.80	M/s Sagar Infra	336+000	RHS	0.8 Km	18000	12	1.800	11.90	3.59	35.81	60.58	29.36	9.89	22.50	-	Emb.	Submitted
25 (B)	9211	26.11.2019	05.12.2019	364	Manpur	Private	1.15.80	M/s Sagar Infra	336+000	RHS	0.8 Km	18000	12	1.852	12.50	3.56	34.29	62.18	29.04	9.82	25.00	-	Emb.	Submitted
26	581	29.03.2019		423	Kanbha	Sujlam-Sujlam	1.12		329+550	LHS	0.5 Km												Cancel	
27	582	29.03.2019		386	Mater	Sujlam-Sujlam	0.98		323+000	RHS	0.9 Km												Cancel	
28	583	16.03.2019	15.04.2019	86	Kanbha	Sujlam-Sujlam	2.36	M/s Sagar Infra	329+600	LHS	0.5 Km	30000	20	1.865	12.51	4.76	38.13	57.1	29.37	10.88	17.33	-	Emb.	Approved
28 (A)	2254	24.05.2019	09.06.2019	86	Kanbha	Sujlam-Sujlam	2.36	M/s Sagar Infra	329+600	LHS	0.5 Km	30000	20	1.888	11.71	3.95	47.57	49.45	27.93	9.38	17.58	-	Emb.	Approved
28(B)	2407	28.05.2019	12.06.2019	86	Kanbha	Sujlam-Sujlam	2.36	M/s Sagar Infra	329+600	LHS	0.5 Km	30000	20	1.886	11.50	3.72	31.42	64.92	29.02	10.46	17.65	-	Emb.	Approved
28(C)	10175	21.12.2019	23.12.2019	86	Kanbha	Sujlam-Sujlam	2.36	M/s Sagar Infra	329+600	LHS	0.5 Km	30000	20	1.878	11.70	3.77	40.12	56.11	29.16	9.85	20	-	Emb.	To be Submitted
28(D)	10175	21.12.2019	23.12.2019	86	Kanbha	Sujlam-Sujlam	2.36	M/s Sagar Infra	329+600	LHS	0.5 Km	30000	20	1.885	11.50	3.80	42.10	54.10	28.90	9.15	16.67	-	Emb.	To be Submitted
29	743	04.04.2019	12.04.2019	110	Sadad	Private	0.84.03	M/s ABCC Builders	336+350	RHS	0.1 Km	10500	7	1.885	12.58	3.10	52.6	44.3	32.1	11.05	25.00	-	Emb.	Approved
29(A)	1098	12.04.2019	21.04.2019	110	Sadad	Private	0.84.03	M/s ABCC Builders	336+350	RHS	0.1 Km	10500	7	1.881	11.97	5.20	41.2	53.6	33.6	11.1	18.03	-	Emb.	Approved
29(B)	1176	17.04.2019	18.04.2019	110	Sadad	Private	0.84.03	M/s ABCC Builders	336+350	RHS	0.1 Km	10500	7	1.886	12.00	4.80	34.8	60.4	32.8	12.5	19.45	-	Emb.	Approved
29(C)	1176	18.04.2019	20.04.2019	110	Sadad	Private	0.84.03	M/s ABCC Builders	336+350	RHS	0.1 Km	10500	7	1.880	12.10	3.60	37.8	58.6	32.6	11.6	21.64	-	Emb.	Approved
29(D)	2326	26.05.2019	08.06.2019	110	Sadad	Private	0.84.03	M/s ABCC Builders	336+350	RHS	0.1 Km	10500	7	1.885	12.25	4.17	34.37	61.46	30.97	10.96	21.90	11.6	S.G.	Approved
30	795	06.04.2019	15.04.2019	484	Sapa	Private	0.88.02	M/s A.R. Infra	327+800	RHS	0.3 Km	15000	10	1.855	12.53	3.34	26.56	70.1	29.52	11.97	20.67	-	Emb.	Approved
30(A)	2408	28.05.2019	09.06.2019	484	Sapa	Private	0.88.02	M/s A.R. Infra	327+800	RHS	0.3 Km	15000	10	1.878	12.2	3.77	40.12	56.11	28.13	9.06	18.33	-	Emb.	Approved
30(B)	2568	30.05.2019	12.06.2019	484	Sapa	Private	0.88.02	M/s A.R. Infra	327+800	RHS	0.3 Km	15000	10	1.876	11.86	2.82	36.66	60.52	28.63	9.93	19.34	-	Emb.	Approved
30(C)	2673	31.05.2019	15.06.2019	484	Sapa	Private	0.88.02	M/s A.R. Infra	327+800	RHS	0.3 Km	15000	10	1.880	12.16	5.69	33.84	60.47	28.48	9.51	22.33	-	Emb.	Approved
31	904	10.04.2019	27.04.2019	614	Padra	Sujlam-Sujlam	1.67.58	M/s World Earthmover	353+600	LHS	1.0 Km	45000	30	1.833	11.72	3.65	33.26	63.09	31.62	11.32	20	-	Emb.	Approved
32	945	11.04.2019	05.05.2019	474	Sapa	Sujlam-Sujlam	2.60	M/s A.R. Infra	326+300	RHS	0.2 Km	39375	26	1.860	12.36	4.76	33.26	61.98	32.1	11.28	18.03	-	Emb.	Approved
33	995	12.04.2019	28.04.2019	19	Padra	Sujlam-Sujlam	0.859	M/s Ashwani	348+400	LHS	0.4 Km	13500	9	1.850	12.85	4.46	34.73	60.83	30.33	10.91	20.37	12.83	S.G.	Approved
33(A)	3271	22.06.2019	23.06.2019	19	Padra	Sujlam-Sujlam	0.859	M/s Ashwani	348+400	LHS	0.4 Km	13500	9	1.847	12.69	3.77	35.91	60.32	29.11	10.01	18.7	9.51	S.G.	Approved
33(B)	3786	24.07.2019	02.08.2019	19	Padra	Sujlam-Sujlam	0.859	M/s Ashwani	348+400	LHS	0.4 Km	13500	9	1.878	12.32	5.16	33.42	61.42	18.73	6.72	17.78	12.57	S.G.	Approved
34	1142	16.04.2019	21.04.2019	121	Sadad	Private	0.78.89	M/s ABCC Builders	336+350	LHS	0.1 Km	12000	8	1.884	12.15	3.64	36.31	60.05	30.46	10.58	20.42	11.14	S.G.	Approved
34(A)	2410	28.05.2019	13.06.2019	121	Sadad	Private	0.78.89	M/s ABCC Builders	336+350	LHS	0.1 Km	12000	8	1.884	12.01	3.59	31.88	63.79	28.09	9.24	23.75	11.03	S.G.	Approved
34(B)	3147	15.06.2019	26.06.2019	121	Sadad	Private	0.78.89	M/s ABCC Builders	336+350	LHS	0.1 Km	12000	8	1.855	12.21	3.83	36.77	59.40	27.84	9.17	17.91	11.2	S.G.	Approved
35	1470	27.04.2019	01.05.2019	309	Chapad	Sujlam-Sujlam	1.15.62	M/s World Earthmover	352+200	RHS	0.7 Km	22500	15	1.882	11.91	3.42	38.34	58.24	29	9.29	23.05	-	Emb.	Approved
36	1545	02.05.2019	05.05.2019	309	Sadad	Private	0.50.150	M/s BGB Earthmover	336+500	LHS	0.4 Km	21375	14	1.860	12.67	4.50	33.5	62.00	31.10	11.52	27.67	13.37	S.G.	Approved
36(A)	3092	15.06.2019	18.06.2019	309	Sadad	Private	0.50.150	M/s BGB Earthmover	336+500	LHS	0.4 Km	21375	14	1.838	11.66	3.72	40.35	55.71	28.63	9.92	17.62	10.71	S.G.	Approved
36(B)	3248	21.06.2019	21.06.2019	309	Sadad	Private	0.50.150	M/s BGB Earthmover	336+500	LHS	0.4 Km	21375	14	1.854	11.58	3.77	39.91	56.32	29.11	9.08	11.95	11.23	S.G.	Approved
37	1601	04.05.2019	09.05.19	485	Tajpura	Sujlam-Sujlam	2.85.59	M/s World Earthmover	354+500	LHS	5.0 Km	30000	20	1.835	11.37	3.90	36.58	59.51	29.06	10.72	20.67	-	Emb.	Approved
37(A)	6973	18.10.2019	06.11.2019	485	Tajpura	Sujlam-Sujlam	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.	Submitted
38	1694	07.05.2019	18.05.2019	442	Aangargh	Sujlam-Sujlam	0.62.73	M/s World Earthmover	354+800	RHS	0.7 Km	30000	20	1.849	10.84	4.34	34.05	61.62	27.73	8.69	20.79	-	Emb.	Approved
39	1695	07.05.2019	23.05.2019	454	GhayaJ	Sujlam-Sujlam	2.75.05	M/s Ashwani	347+700	LHS	0.5 Km	45000	30	1.850	10.54	3.91	37.8	58.29	28.20	9.65	19.50	8.98	S.G.	Approved
40	1742	09.05.2019	14.05.19	374	Patodh	Sujlam-Sujlam	3.49.13	M/s Ashwani	349+400	RHS	4.0 Km	45000	30	1.881	11.65	4.35	35.85	59.8	30.29	11.46	22.75	11.69	S.G.	Approved
40(A)	11295	20.01.2020		374	Patodh	Sujlam-Sujlam	3.49.13	M/s Ashwani	349+400	RHS	4.0 Km	45000	30										In process	
40(B)	11295	20.01.2020		374	Patodh	Sujlam-Sujlam	3.49.13	M/s Ashwani	349+400	RHS	4.0 Km	45000	30											In process

B/A No.	RFI No.	Date Of Sampling	Date Of Testing	Survey No.	Village	Type of land	Area (Hec.)	Contractor Name	LOCATION	SIDE	Lead(Mtr)	Qty (Cummm)	No. of Pit	MDD	OMC	Gravel Sand	Silt& Clay	LL	PI	FSI	CBR	Used For	REMARKS	
41	1743	09.05.2019	12.05.19	115	SANPA	Sujlam-Curflam	2.02.01	M/s Supernova	326+000	RHS	0.5 Km	30000	20	1.852	11.29	4.02	38.61	57.38	29.7	9.95	20.33	-	Emb.	Approved
41(A)	2660	31.05.2019	11.06.2019	115	SANPA	Sujlam-Curflam	2.02.01	M/s Supernova	326+000	RHS	0.5 Km	30000	20	1.850	11.48	3.34	36.5	60.17	30.37	10.84	20.5	-	Emb.	Approved
42	1857	13.05.2019							348+300	RHS	0.5 Km												-	Cancel
43	1858	13.05.2019		13	Varadha	Sujlam-Curflam	1.57.11	M/s Katyayni	344+000	LHS	7.0 Km													Cancel
44	1935	15.05.2019	04.06.2019	183	Khamda	Private	0.85.62	M/s Katyayni	340+750	RHS	0.8 Km	30000	20	1.850	12.10	3.74	30.62	65.64	30.00	10.25	17.25	-	Emb.	Approved
45	2097	20.05.2019	31.05.2019	348	Husepur	Private	0.82.45	M/s BGB Earthmover	338+500	LHS	0.5 Km	49500	33	1.863	12.1	4.14	34.6	61.25	29.85	10.77	19.86	-	Emb.	Approved
45(A)	3093	15.06.2019	16.06.2019	348	Husepur	Private	0.82.45	M/s BGB Earthmover	338+500	LHS	0.5 Km	49500	33	1.870	12	3.93	34.82	61.23	28.83	9.69	19.04	-	Emb.	Approved
45(B)	3249	21.06.2019	29.06.2019	348	Husepur	Private	0.82.45	M/s BGB Earthmover	338+500	LHS	0.5 Km	49500	33	1.861	11.49	3.07	37.32	59.28	29.31	10.48	18.18	-	Emb.	Approved
46	2327	26.05.2019	28.05.2019	307	Sadad	Private	0.51.15	M/s BGB Earthmover	337+720	RHS	0.5 Km	49500	33	1.841	11.35	4.14	36.12	59.52	29.86	10.77	19.34	10.18	S.G.	Approved
46(A)	3094	15.06.2019	16.06.2019	307	Sadad	Private	0.51.15	M/s BGB Earthmover	337+720	RHS	0.5 Km	49500	33	1.852	11.74	4.01	33.13	62.98	28.55	9.49	21.92	10.96	S.G.	Approved
47	2486	29.05.2019	14.05.2019	210	Husepur	Private	0.46.48	M/s BGB Earthmover	338+500	RHS	0.8 Km	30000	20	1.867	10.70	3.87	34.99	61.08	28.66	9.5	19.92	12.39	S.G.	Approved
47(A)	3146	17.06.2019	20.06.2019	210	Husepur	Private	0.46.48	M/s BGB Earthmover	338+500	RHS	0.8 Km	30000	20	1.874	12.82	3.96	36.56	59.48	30.16	10.35	21.06	10.66	S.G.	Approved
47(B)	3199	19.06.2019	26.06.2019	210	Husepur	Private	0.46.48	M/s BGB Earthmover	338+500	RHS	0.8 Km	30000	20	1.865	11.75	4.59	33.29	62.13	29.19	9.91	21.37	10.56	S.G.	Approved
48	3200	19.06.2019	21.06.2019	110,111,112,	Surwada	Private	0.79.16	M/s Radhe Krishna	334+250	LHS	0.8 Km	10500	7	1.879	12.36	3.54	31.89	64.57	28.24	9.45	21.9	5.62	Emb.	Approved
48 (A)	6394	12.10.2019	13.10.2019	110	Surwada	Private	0.79.16	M/s Radhe Krishna	334+250	LHS	0.8 Km	10500	7	1.85	12.36	3.34	36.84	59.81	28.66	9.30	20.72	-	Emb.	Approved
48 (B)	7567	29.10.2019	30.10.2019	110,111,112,	Surwada	Private	0.79.16	M/s Radhe Krishna	334+250	LHS	0.8 Km	10500	7	1.88	12.18	3.43	35.23	61.34	28.42	10.01	18.33	-	Emb.	Approved
48 (C)	7940	03.11.2019	04.11.2019	110	Surwada	Private	0.79.16	M/s Radhe Krishna	334+250	LHS	0.8 Km	10500	7	1.89	12.23	3.89	35.16	60.96	29.02	10.57	21.67	11.88	S.G.	Approved
48 (D)	9020	21.11.2019	22.11.2019	110	Surwada	Private	0.79.16	M/s Radhe Krishna	334+250	LHS	0.8 Km	10500	7	1.894	12.32	3.49	35.01	61.50	29.13	9.9	18.52	-	Emb.	Approved
48 (E)	9020	21.11.2019	22.11.2019	110	Surwada	Private	0.79.16	M/s Radhe Krishna	334+250	LHS	0.8 Km	10500	7	1.885	12.36	3.19	36.76	60.06	29.18	10.45	20.23	-	Emb.	Approved
49	3677	17.07.2019	18.07.2019	113	virpur	Private	3.85.88	M/s Katyayni	344+500	RHS	5.0 Km	39000	26	1.858	12.47	3.51	33.11	65.68	28.04	8.56	16.28	-	Emb.	Approved
49(A)	3739	22.07.2019	23.07.2019	113	virpur	Private	3.85.88	M/s Katyayni	344+500	RHS	5.0 Km	39000	26	1.864	12.46	3.75	30.77	65.49	27.67	8.70	18.72	11.18	S.G.	Approved
49(B)	5802	12.10.2019	14.10.2019	113	virpur	Private	3.85.88	M/s Katyayni	344+500	RHS	5.0 Km	39000	26	1.870	11.80	3.69	30.82	65.47	28.45	9.58	18.11	12.63	S.G.	Approved
49(C)	9772	10.12.2019	02.01.2020	113	virpur	Private	3.85.88	M/s Katyayni	344+500	RHS	5.0 Km	39000	26	1.880	12.40	2.40	27.65	69.95	28.65	9.15	20.00	-	S.G.	To be Submitted
49(D)	10668	02.01.2020	04.01.2020	113	virpur	Private	3.85.88	M/s Katyayni	344+500	RHS	5.0 Km	39000	26	1.897	12.00	2.35	62.28	35.37				-	S.G.	To be Submitted
49(E)	11298	20.01.2020		113	virpur	Private	3.85.88	M/s Katyayni	344+500	RHS	5.0 Km	39000	26										-	In process
50	7167	23.10.2019	04.11.2019	236	Husepur	Private	0.82.56	M/s BGB Earthmover	338+200	RHS	200 mtr	12015	8	1.820	12.55	7.70	23.99	68.31	29.66	9.86	18.13	-	Emb.	Approved
50(A)	9871	13.12.2019	16.12.2019	236	Husepur	Private	0.82.57	M/s BGB Earthmover	338+200	RHS	200 mtr	12015	8	1.858	12.23	3.93	30.66	65.41	29.91	9.91	16.54	-	Emb.	Submitted
50(B)	9871	13.12.2019	18.12.2019	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.	Submitted
51	7168	23.10.2019	04.11.2019	242	Husepur	Private	1.72.67	M/s BGB Earthmover	338+200	RHS	400 mtr	25901	17	1.874	12.58	4.18	34.68	61.15	28.15	8.66	17.35	-	Emb.	Approved
51(A)	9157	25.11.2019	07.01.2020	242	Husepur	Private	1.72.67	M/s BGB Earthmover	338+200	RHS	400 mtr	25901	17.3	1.907	12.27	5.27	38.42	56.31	27.14	8.48	16.72	-	Emb.	To be Submitted
51(B)	10749	05.01.2020	08.01.2020	242	Husepur	Private	1.72.67	M/s BGB Earthmover	338+200	RHS	400 mtr	25901	17.3	1.884	12.39	4.98	37.39	57.63	27.49	8.76	17.33	-	Emb.	To be Submitted
51(C)	10749	05.01.2020	09.01.2020	242	Husepur	Private	1.72.67	M/s BGB Earthmover	338+200	RHS	400 mtr	25901	17.3	1.849	12.75								-	To be Submitted
52	7982	04.11.2019	09.11.2019	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	21.12.2019	25.12.2019	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	21.12.2019	25.12.2019	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	03.01.2020	17.01.2019	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.	Submitted
52(D)	10667	03.01.2020	18.01.2020	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.	Submitted

B/A No.	RFI No.	Date OF Sampling	Date Of Testing	Survey No.	Village	Type of land	Area (Hec.)	Contractor Name	LOCATION	SIDE	Lead(Mtr)	Qty (Cummm)	No. of Pit	MDD	OMC	Gravel Sand	Silt& Clay	LL	PI	FSI	CBR	Used For	REMARKS	
52 (E)	11296	20.01.2020	20.01.2020	194/B	Kanbha	Private	1.03.00	Krishna Construction	330+300	LHS	650 mtr	15000	10	1.865	12.25								To be Submitted	
53	7983	04.11.2019	10.11.2019	43	Jaspur	Suljam-Sulfam	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	18.6	-	Emb.	Submitted	
53 (A)	11855	04.02.2020		43	Jaspur	Suljam-Sulfam	21.68.11	M/s World Earthmover	354+800	LHS	8.0 Km	93188	62										In process	
53 (B)	11855	04.02.2020		43	Jaspur	Suljam-Sulfam	21.68.11	M/s World Earthmover	354+800	LHS	8.0 Km	93188	62										In process	
54	8289	09.11.2019	08.11.2019		Pingalwada	Suljam-Sulfam			339+200	RHS	8.0 Km			1.980	6.30	1.8	89.13	9.07	17.15	N.P.	-	-	In process	
55	8290	09.11.2019	14.11.2019	353	Husepur	Private	0.59.16	M/s BGB Earthmover	338+500	LHS	500 mtr	6000	4	1.828	12.34	4.25	31.33	64.42	29.05	9.71	-	Emb.	Approved	
55(A)	8733	16.11.2019	27.11.2019	353	Husepur	Private	0.59.16	M/s BGB Earthmover	338+500	LHS	500 mtr	6000	4	1.803	12.33	3.93	37.60	58.48	29.64	10.84	-	Emb.	Approved	
55(B)	8733	16.11.2019	28.11.2019	353	Husepur	Private	0.59.16	M/s BGB Earthmover	338+500	LHS	500 mtr	6000	4	1.821	12.53	3.60	35.85	60.55	29.3	10.44	-	Emb.	Approved	
55(C)	9664	07.12.2019	15.12.2019	353	Husepur	Private	0.59.16	M/s BGB Earthmover	338+500	LHS	500 mtr	6188	4	1.840	12.3	4.03	30.98	65.00	29.29	9.34	-	Emb.	Submitted	
55(D)	9664	07.12.2020	16.12.2019	353	Husepur	Private	0.59.16	M/s BGB Earthmover	338+500	LHS	500 mtr	6188	4	1.824	12.3	3.68	33.25	63.08	29.2	9.95	-	Emb.	Submitted	
56	8563	13.11.2019	15.11.2019	241	Kamola	Private	1.20.59	M/s Banraj Construction	326+500	RHS	2.0 Km	15000	10	1.831	13.00	1.80	33.56	64.70	30.56	9.85	-	Emb.	Approved	
56(A)	10085	19.12.2019	23.12.2019	241	Kamola	Private	1.20.59	M/s Banraj Construction	326+500	RHS	2.0 Km	15000	10	1.834	12.74	3.32	30.5	66.18	29.7	9.7	-	Emb.	Submitted	
56(B)	10085	19.12.2019	24.12.2019	241	Kamola	Private	1.20.59	M/s Banraj Construction	326+500	RHS	2.0 Km	15000	10	1.844	12.37	2.52	31.64	65.84	29.92	9.87	-	Emb.	Submitted	
56(C)	10321	24.12.2019	29.12.2019	241	Kamola	Private	1.20.59	M/s Banraj Construction	326+500	RHS	2.0 Km	15000	10	1.868	11.50	3.41	36.45	60.30	28.17	9.13	-	Emb.	Submitted	
56(D)	10321	24.12.2019	29.12.2019	241	Kamola	Private	1.20.59	M/s Banraj Construction	326+500	RHS	2.0 Km	15000	10	1.857	12.00	3.60	31.1	65.30	29.57	9.73	-	Emb.	Submitted	
56(E)	10747	05.01.2020	06.01.2020	241	Kamola	Private	1.20.59	M/s Banraj Construction	326+500	RHS	2.0 Km	15000	10	1.862	11.85								To be Submitted	
56(F)	10747	05.01.2020	09.01.2020	241	Kamola	Private	1.20.59	M/s Banraj Construction	326+500	RHS	2.0 Km	15000	10	1.875	12.00								To be Submitted	
57	9131	24.11.2019	27.11.2019	249	Amla	Private	0.87.16	M/s BGB Earthmover	340+200	LHS	100 mtr	15000	10	1.846	12.24	2.6	30.4	67	30.2	10.28	3.84	Emb.	Submitted	
57(A)	10084	19.12.2019	06.01.2020	249	Amla	Private	0.87.16	M/s BGB Earthmover	340+200	LHS	100 mtr	15000	10	1.825	11.7	3.38	31.48	64.69	30.23	10.06	-	Emb.	Submitted	
57(B)	10084	19.12.2019	06.01.2020	249	Amla	Private	0.87.16	M/s BGB Earthmover	340+200	LHS	100 mtr	15000	10	1.845	11.8	4.65	33.52	61.83	29.64	9.95	-	Emb.	Submitted	
58	9132	24.11.2019	14.12.2019	19	Darapura	Private	0.98.70	M/s Ashwani	348+500	RHS	5.0 Km	12000	8	1.857	10.57	3.64	33.36	63.00	28.95	9.16	20	3.64	Emb.	Approved
58(A)	10178	21.12.2019	10.01.2020	19	Darapura	Private	0.98.70	M/s Ashwani	348+500	RHS	5.0 Km	12000	8	1.842	12.36	4.12	32.2	63.68	29.36	9.5	-	Emb.	To be Submitted	
58(B)	10178	21.12.2019	13.01.2020	19	Darapura	Private	0.98.70	M/s Ashwani	348+500	RHS	5.0 Km	12000	8	1.856	12.1								To be Submitted	
59	9548	04.12.2019	06.12.2019	45	Saddad	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	2.42	Emb.	Approved	
59(A)	9548	04.12.2019	06.12.2019	45	Saddad	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	-	Emb.	Approved	
59(B)	10179	21.12.2019	02.01.2020	45	Saddad	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	-	Emb.	Submitted	
59(C)	10179	21.12.2019	02.01.2020	45	Saddad	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	-	Emb.	Submitted	
60	9663	07.12.2019	09.12.2019	194	Amla	Private	0.95.38	M/s BGB Earthmover	340+800	RHS	100 mtr	13500	9	1.847	12.4	3.7	34.5	61.80	29.34	9.86	4.09	Emb.	Approved	
60(A)	10180	21.12.2019	25.12.2019	194	Amla	Private	0.95.38	M/s BGB Earthmover	340+800	RHS	100 mtr	13500	9	1.862	11.75	4.04	31.62	64.34	29.03	9.53	-	Emb.	Submitted	
60(B)	10180	21.12.2019	25.12.2019	194	Amla	Private	0.95.38	M/s BGB Earthmover	340+800	RHS	100 mtr	13500	9	1.870	12.40	3.57	31.61	64.82	28.83	9.57	-	Emb.	Submitted	
60(C)	10753	05.01.2020	06.01.2020	194	Amla	Private	0.95.38	M/s BGB Earthmover	340+800	RHS	100 mtr	13500	9	1.875	12.25						-	Emb.	In process	
60(D)	10753	05.01.2020	06.01.2020	194	Amla	Private	0.95.38	M/s BGB Earthmover	340+800	RHS	100 mtr	13500	9	1.865	12.00						-	Emb.	In process	

B/A No.	RFI No.	Date OF Sampling	Date Of Testing	Survey No.	Village	Type of land	Area (Hec.)	Contractor Name	LOCATION	SIDE	Lead(Mtr)	Qty (Cummm)	No. of Pit	MDD	OMC	Gravel	Sand	Silt& Clay	LL	PI	FSI	CBR	Used For	REMARKS
61	9773	13.12.2019	14.12.2019	370	Shihor	Private	8.96.83	Rudra Enterprises	348+400	RHS	8.0 Km	25875	17	1.869	12.90	4.23	31.94	63.84	29.68	9.33	20.84	-	Emb.	Submitted
62	10086	19.12.2019	21.12.2019	190	Riyapura	Private	1.57.83	Piyush Parik	351+800	LHS	10.0 Km	21.375	14	1.875	12.55	3.84	40.66	55.53	29.57	10.13	15.86	-	Emb.	Submitted
62(A)	11601	28.01.2020	02.02.2020	190	Riyapura	Private	1.57.83	Piyush Parik	351+800	LHS	10.0 Km	21.375	14	1.915	12.31									To be Submitted
62(B)	11601	28.01.2020	02.02.2020	190	Riyapura	Private	1.57.83	Piyush Parik	351+800	LHS	10.0 Km	21.375	14	1.890	12.25									To be Submitted
63	10130	20.12.2019	23.12.2019	444	Sampa	Private	0.70.28	M/s Banraj Construction	327+000	RHS	0.6 Km	6188	4	1.886	12.62	4.65	31.05	64.30	29.43	10.3	16.67	-	Emb.	Submitted
63(A)	10130	20.12.2019	24.12.2019	444	Sampa	Private	0.70.28	M/s Banraj Construction	327+000	RHS	0.6 Km	6188	4	1.902	12.15	4.08	30.75	64.98	29.29	9.95	16.91	-	Emb.	Submitted
63(B)	10130	20.12.2019	22.02.2019	444	Sampa	Private	0.70.28	M/s Banraj Construction	327+000	RHS	0.6 Km	6000	4	1.895	12.50	2.8	32.6	64.60	28.65	9.25	16.67	-	Emb.	To be Submitted
64	10175	21.12.2019																						not done
65	10320	24.12.2019	24.12.2019	364	Shihor	Private	0.95.79	Rudra Enterprises	351+400	RHS	12.5 Km	10500	7	1.887	12.35	5.79	28.81	65.40	29.34	9.85	16.9	-	Emb.	Submitted
65(A)	10320	24.12.2019	27.12.2019	364	Shihor	Private	0.95.79	Rudra Enterprises	351+400	RHS	12.5 Km	10500	7	1.851	12.40	3.81	36.16	60.03	29.53	10.07	18.33	-	Emb.	Submitted
65(B)	10751	05.01.2020	07.01.2020	364	Shihor	Private	0.95.79	Rudra Enterprises	351+400	RHS	12.5 Km	10500	7											Submitted
65(C)	10751	05.01.2020	07.01.2020	364	Shihor	Private	0.95.79	Rudra Enterprises	351+400	RHS	12.5 Km	10500	7											To be Submitted
66	10322	24.12.2019	28.12.2019	121	Saded	Private	1.08.72	M/s ABCC Builders	336+350	RHS	0.9 Km	15000	10	1.860	11.30	3.15	32.27	64.58	28.81	9.34	19.5	-	Emb.	Submitted
66(A)	10322	24.12.2019	29.12.2019	121	Saded	Private	1.08.72	M/s ABCC Builders	336+350	RHS	0.9 Km	15000	10	1.883	10.60	4.33	39.22	56.45	29.7	10.16	16.38	-	Emb.	Submitted
67	10323	24.12.2019	28.12.2019	148	Manpur	Private	2.79.07	M/s ABCC Builders	335+400	RHS	2.0 Km	22500	15	1.897	11.81	3.88	31.29	64.76	29.51	8.57	18.67	-	Emb.	Submitted
67(A)	10323	24.12.2019	30.12.2019	148	Manpur	Private	2.79.07	M/s ABCC Builders	335+400	RHS	2.0 Km	22500	15	1.886	11.90	3.5	32.8	63.70	28.6	8.52	16.67	-	S.G.	To be Submitted
67EX.	11856	04.02.2020	04.02.2020	148	Manpur	Private	2.79.07	M/s ABCC Builders	335+400	RHS	2.0 Km	22500	15											To be Submitted
67(A)EX.	11856	04.02.2020	05.02.2020	148	Manpur	Private	2.79.07	M/s ABCC Builders	335+400	RHS	2.0 Km	22500	15											To be Submitted
67(B)	11857	04.02.2020		148	Manpur	Private	2.79.07	M/s ABCC Builders	335+400	RHS	2.0 Km	22500	15											To be Submitted
67(C)	11857	04.02.2020		148	Manpur	Private	2.79.07	M/s ABCC Builders	335+400	RHS	2.0 Km	45000	30											In process
68	10452	27.12.2019	31.12.2019	242	Shuhodra	Private	3.62.50	Dwarkesh	328+000	LHS	0.5 Km	54000	36	1.866	12.18	2.1	35.6	62.30	29.4	9.6	18.33	-	Emb.	To be Submitted
68(A)	10452	27.12.2019	11.01.2020	242	Shuhodra	Private	3.62.50	Dwarkesh	328+000	LHS	0.5 Km	54000	36	1.850	12.45	4.2	30	65.80	26.1	6.92	16.33	-	Emb.	To be Submitted
68(B)	11299	20.01.2020	22.01.2020	242	Shuhodra	Private	3.62.50	Dwarkesh	328+000	LHS	0.5 Km	54000	36											To be Submitted
68(C)	11299	20.01.2020	23.01.2020	242	Shuhodra	Private	3.62.50	Dwarkesh	328+000	LHS	0.5 Km	54000	36											To be Submitted
69	10867	08.01.2020	16.01.2020	193	Sapa	Private	2.78.39	Baba Ramdev	327+000	RHS	300 mtr.	42000	28	1.809	12.95	2	28.5	69.50	29.7	9.5	23.33	-	-	To be Submitted
69(A)	10867	08.01.2020	21.01.2020	193	Sapa	Private	2.78.39	Baba Ramdev	327+000	RHS	300 mtr.	42000	28											To be Submitted
70	11002	11.01.2020	16.01.2020					Krishna Construction	329+100	LHS	-	10500	7	1.832	12.88	2.10	29.65	68.25	27.68	8.70	18.33	-	-	To be Submitted
70(A)	11002	11.01.2020	20.01.2020					Krishna Construction	329+100	LHS	-	10500	7											To be Submitted
71	11055	12.01.2020	19.01.2020					Dwarkesh	325+700	LHS	1.0 km	22500	15	1.867	12.50	3.60	32.52	63.88	29.15	7.65	17.50	-	-	To be Submitted
71(A)	11055	12.01.2020						Dwarkesh	325+700	LHS	1.0 km	22500	15											In process
72	11225	18.01.2020	21.01.2020	244	Abhara	Private		M/s Radhe Krishna	330+500	LHS	2.0 km	22500	15	1.865	12.50	4.10	33.26	62.64	28.90	8.45	15.00	-	-	To be Submitted
72(A)	11225	18.01.2020	21.01.2020	244	Abhara	Private		M/s Radhe Krishna	330+500	LHS	2.0 km	22500	15											In process
73	11259	19.01.2020	28.01.2020					M/s Katyayni	342+600	LHS	800 Mtr.	10500	7	1.882	12.50									To be Submitted
73(A)	11259	19.01.2020						M/s Katyayni	342+600	LHS	800 Mtr.	10500	7											In process
74	11349	21.01.2020	24.01.2020					Rudra Enterprises	351+000	RHS	13 Km	15000	10	1.903	12.70									To be Submitted
74(A)	11349	21.01.2020						Rudra Enterprises	351+000	RHS	13 Km	15000	10											In process

B/A No.	RFI No.	Date OF Sampling	Date Of Testing	Survey No.	Village	Type of land	Area (Hec.)	Contractor Name	LOCATION	SIDE	Lead(Mtr)	Qty (Cummm)	No. of Pit	MDD	OMC	Gravel	Silt& Clay	LL	PI	FSI	CBR	Used For	REMARKS							
75	11350	21.01.2020	29.01.2020					Baba Ramdev	327+300	RHS	1 KM	15000	10	1.884	12.27						-	-	To be Submitted							
75(A)	11350	21.01.2020						Baba Ramdev	327+300	RHS	1 KM	15000	10								-	-	In process							
76	11637	29.01.2020	30.01.2020	444	Bhayeli	Private	0.71.83	Baba Ramdev	351+100	LHS	5.0KM	7500	5	1.899	12.48						-	-	To be Submitted							
76(A)	11637	29.01.2020		444	Bhayeli	Private	0.71.83	Baba Ramdev	351+100	LHS	5.0KM	7500	5								-	-	To be Submitted							
77	11676	30.01.2020	31.01.2020	7	Shewasi	Private	0.72.85	Baba Ramdev	351+100	RHS	2.5 KM	7500	5	1.895	12.30						-	-	To be Submitted							
77(A)	11676	30.01.2020		7	Shewasi	Private	0.72.85	Baba Ramdev	351+100	RHS	2.5 KM	7500	5								-	-	To be Submitted							
78	11677	30.01.2020	05.02.2020	197	Madhapur	Private	1.04.75	Baba Ramdev	348+500	LHS	3.0 KM	15000	10								-	-	To be Submitted							
78(A)	11677	30.01.2020		197	Madhapur	Private	1.04.75	Baba Ramdev	351+150	RHS	3.0 KM	15000	10								-	-	To be Submitted							
79	11678	30.01.2020		308/1	Kalali	Private	0.81.72	Baba Ramdev	351+100	RHS	5.0 KM	6000	4								-	-	In process							
79(A)	11678	30.01.2020		308/1	Kalali	Private	0.81.72	Baba Ramdev	351+100	RHS	5.0 KM	6000	4								-	-	In process							
80	11679	30.01.2020	31.01.2020					M/s BGB Earthmover	336+350	LHS	500 mtr	7500	5	1.933	12.22	5.19	53.93	40.84	26.52	N.P.	11.67	-	To be Submitted							
80(A)	11679	30.01.2020	01.02.2020					M/s BGB Earthmover	336+350	LHS	500 mtr	7500	5	1.931	12.40	4.82	57.85	37.33	24.85	N.P.	13.33	-	To be Submitted							
81	11712	31.01.2020	01.02.2020					M/s Radhe Krishna	324+300	LHS		15000	10	1.883	12.32	3.65	27.65	68.70	28.6	9.1	16.67	-	To be Submitted							
81(A)	11712	31.01.2020	01.02.2020					M/s Radhe Krishna	324+300	LHS		15000	10	1.886	12.24	3.85	31.1	65.05	27.85	8.65	20	-	To be Submitted							
Total																							6096637							

MONTHLY WEATHER REPORT

Light-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 January-2020

Client
Concessionaire
Independent Engineer
EPC Contractor
Contractor

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

S. No.	DATE	TEMPRATURE (°C)		HUMIDITY (%)		RAINFALL (mm)	CUMMULATIVE RAINFALL (mm)	WEATHER	REMARKS
		Min.	Max.	Min.	Max.				
1	01-Jan-20	18.80	25.10	57.00	77.00	-	-	Sunny	
2	02-Jan-20	18.00	25.60	62.00	79.00	-	-	Sunny	
3	03-Jan-20	17.00	24.80	52.00	90.00	-	-	Sunny	
4	04-Jan-20	17.80	25.40	51.00	75.00	-	-	Sunny	
5	05-Jan-20	17.80	27.30	35.00	75.00	-	-	Sunny	
6	06-Jan-20	17.80	28.10	35.00	75.00	-	-	Sunny	
7	07-Jan-20	21.40	29.20	50.00	71.00	-	-	Sunny	
8	08-Jan-20	16.20	26.80	41.00	70.00	-	-	Sunny	
9	09-Jan-20	15.90	24.50	37.00	56.00	-	-	Sunny	
10	10-Jan-20	16.10	24.80	42.00	54.00	-	-	Sunny	
11	11-Jan-20	17.30	25.60	45.00	72.00	-	-	Sunny	
12	12-Jan-20	19.10	29.70	47.00	84.00	-	-	Sunny	
13	13-Jan-20	20.20	28.30	57.00	87.00	-	-	Sunny	
14	14-Jan-20	16.50	25.40	41.00	65.00	-	-	Sunny	
15	15-Jan-20	16.30	25.60	39.00	62.00	-	-	Sunny	
16	16-Jan-20	14.80	24.10	36.00	61.00	-	-	Sunny	
17	17-Jan-20	15.80	24.50	41.00	67.00	-	-	Sunny	
18	18-Jan-20	16.80	26.40	35.00	69.00	-	-	Sunny	
19	19-Jan-20	16.80	26.40	37.00	66.00	-	-	Sunny	
20	20-Jan-20	16.80	27.20	44.00	65.00	-	-	Sunny	
21	21-Jan-20	16.80	28.00	44.00	75.00	-	-	Sunny	
22	22-Jan-20	18.40	28.10	45.00	69.00	-	-	Sunny	
23	23-Jan-20	18.60	27.60	44.00	65.00	-	-	Sunny	
24	24-Jan-20	18.40	29.20	41.00	63.00	-	-	Sunny	
25	25-Jan-20	18.90	27.20	38.00	64.00	-	-	Sunny	
26	26-Jan-20	18.50	29.00	42.00	64.00	-	-	Sunny	
27	27-Jan-20	19.10	29.50	34.00	71.00	-	-	Sunny	
28	28-Jan-20	17.90	26.40	47.00	74.00	-	-	Sunny & Cloudy	
29	29-Jan-20	16.90	27.00	31.00	65.00	-	-	Sunny	
30	30-Jan-20	17.10	27.70	32.00	65.00	-	-	Sunny	
31	31-Jan-20	16.70	27.10	31.00	65.00	-	-	Sunny	

Cummulative Rainfall Till Date

- mm

Prhage
PIL

EPC Representative

C. Santhakumar

Ireon/Dam/L.

Concessionaire Representative

Deash
AOM
V. K.

IE Representative

NATIONAL HIGHWAYS AUTHORITY OF INDIA

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

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

MONTHLY PROGRESS REPORT (PKG-II)

Jan. 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		Passed	Failed	
		Conducted	Failed	Passed	Failed	Conducted	Passed	Failed				
1	Proctor Test	226	0	226	0	0	0	0	226	0	Frequency of testing is as per specification	
2	LL/PI	226	0	226	0	0	0	226	0			
3	Sand Content (GSA)	226	0	226	0	0	0	226	0			
4	Free Swell Index	226	0	226	0	0	0	226	0			
5	C.B.R.	30	0	30	0	0	0	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		Passed	Failed	
		Conducted	Failed	Passed	Failed	Conducted	Passed	Failed				
1	Proctor Test	0	0	0	0	0	0	0	0	0	Frequency of testing is as per specification	
2	LL/PI	0	0	0	0	0	0	0	0			
3	Sand Content (GSA)	0	0	0	0	0	0	0	0			
4	Free Swell Index	0	0	0	0	0	0	0	0			
5	C.B.R.	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		Passed	Failed	
		Conducted	Failed	Passed	Failed	Conducted	Passed	Failed				
1	Proctor Test	20	0	20	0	1	0	1	30	0	Frequency of testing is as per specification	
2	LL/PI	2	0	2	0	1	0	12	0			
3	Sand Content (GSA)	2	0	2	0	1	0	12	0			
4	Free Swell Index	2	0	2	0	1	0	12	0			
5	C.B.R.	28	2	26	2	6	0	32	2			

(Signature)
 I. Santhakumar

(Signature)
 A. S. Sarda

(Signature)
 P. L.

NATIONAL HIGHWAYS AUTHORITY OF INDIA

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

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

MONTHLY PROGRESS REPORT (PKG-II)

Jan. 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		Passed	Failed	
		Passed	Failed	Passed	Failed	Passed	Failed	Passed	Failed			
1	Proctor Test	3070	0	350	0	350	0	70	3420	0	Frequency of testing is as per specification	
2	LL/PI	3070	0	350	0	350	0	70	3420	0		
3	Sand Content (GSA)	3070	0	350	0	350	0	70	3420	0		
4	Free Swell Index	3070	0	350	0	350	0	70	3420	0		
5	C.B.R	586	37	63	57	13	649	606	43			
6	C.B.R (Soil Blended with Sand/Lime/Dust)	6	6	9	4	2	15	4	11			

Soil Stabilization

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

Granular Sub Base

S.No	Description of Test	No. of Test Conducted upto previous month				No. of Test Conducted during this Month				Cummulative Total		Remarks
		No. of Test Conducted		Results		No. of Test Conducted		Results		Passed	Failed	
		Passed	Failed	Passed	Failed	Passed	Failed	Passed	Failed			
1	Proctor Test	8	0	0	0	0	0	0	8	0	Frequency of testing is as per specification	
2	Gradation	199	5	50	0	10	249	244	5			
3	LL/PI	194	0	50	0	10	244	244	0			
4	10% fines Value	2	0	0	0	0	2	2	0			
5	AIV	11	0	10	0	2	21	21	0			
6	C.B.R	8	0	0	0	0	8	8	0			

(Signature)
C. Sankar Das
C. Sankar Das
C. Sankar Das

(Signature)
EPC Representative

Concessionaire Representative

IE Representative

NATIONAL HIGHWAYS AUTHORITY OF INDIA

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

Client
 Concessionaire
 Independent Engineer
 EPC Contractor
 Contractor

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

MONTHLY PROGRESS REPORT (PKG-II)

Jan. 2020

S.No	Description of Test	No. of Test Conducted upto previous month				No. of Test Conducted during this Month				Remarks	
		No. of Test Conducted	Results		No. of Test Conducted	I.E. Witness	Results		Cumulative Total		
			Passed	Failed			Passed	Failed	Passed	Failed	
1	Proctor Test	0	0	0	0	0	0	0	0	0	Frequency of testing is as per specification
2	Gradation	1	0	1	0	1	0	2	0	0	
3	LL/PI	1	0	1	0	2	0	2	0	0	
4	A.I.V.	0	0	0	0	2	0	2	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	

S.No	Description of Test	No. of Test Conducted upto previous month				No. of Test Conducted during this Month				Remarks	
		No. of Test Conducted	Results		No. of Test Conducted	I.E. Witness	Results		Cumulative Total		
			Passed	Failed			Passed	Failed	Passed	Failed	
Concrete Works											
A.	Compressive Strength of concrete cubes										
1	Concrete (Grouting) 7 days	0	0	0	0	0	0	0	0	0	
2	M-15 Concrete 7 Days	0	0	0	0	0	0	0	0	0	
	28 days	0	0	0	0	0	0	0	0	0	
3	M-20 Concrete 7 Days	623	623	75	75	75	0	698	698	0	
	28 days	1318	1318	265	265	265	0	1583	1583	0	
4	M-25 Concrete 7 Days	0	0	0	0	0	0	0	0	0	
	28 days	0	0	0	0	0	0	0	0	0	

(Handwritten signature)
 Concessionaire Representative

(Handwritten signature)
 EPC Representative

NATIONAL HIGHWAYS AUTHORITY OF INDIA

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Client National Highways Authority of India
 Concessionaire Itron Vadodara 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)

		Jan. 2020										
5	M-30 Concrete	255	255	0	126	126	0	0	0	381	381	0
	7 Days	620	620	0	372	372	0	74	992	992	0	
6	M-35 (Pile)	843	843	0	35	35	0	7	878	878	0	
	7 Days	4537	4537	0	110	110	0	22	4647	4647	0	
	M-35 (RCC)	619	619	0	231	231	0	46	850	850	0	
	7 Days	1994	1994	0	684	684	0	137	2678	2678	0	
	M-35 (RE)	119	119	0	17	17	0	3	136	136	0	
	7 Days	405	405	0	116	116	0	23	521	521	0	
7	M-40 Concrete	1	1	0	3	3	0	1	4	4	0	
	7 Days	0	0	0	1	1	0	0	1	1	0	
8	M-45 Concrete	0	0	0	0	0	0	0	0	0	0	
	7 Days	0	0	0	0	0	0	0	0	0	0	
9	M-50 Concrete	0	0	0	0	0	0	0	0	0	0	
	7 Days	0	0	0	0	0	0	0	0	0	0	
10	End Block(GP2)	0	0	0	0	0	0	0	0	0	0	
	DLC Concrete	0	0	0	0	0	0	0	0	0	0	
11	07 days	0	0	0	4	4	0	1	4	4	0	
	PQC (M-40)	0	0	0	0	0	0	0	0	0	0	
12	7 Days	0	0	0	0	0	0	0	0	0	0	
	28 days	0	0	0	0	0	0	0	0	0	0	
a)	Beam	0	0	0	0	0	0	0	0	0	0	
	D.L.C. (Combined Gradation)	4	4	0	7	7	0	1	11	11	0	
b)	Coarse Aggregate Gradation	275	274	1	31	31	0	6	306	305	1	
	Fine Aggregate Gradation	274	274	0	31	31	0	6	305	305	0	
c)	Flakiness Index	206	206	0	4	4	0	1	210	210	0	
	Impact Test	205	205	0	4	4	0	1	209	209	0	
d)	Specific Gravity	18	18	0	0	0	0	0	18	18	0	

Frequency of testing is as per specification

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 EPC Representative

Concessionaire Representative

IE Representative

NATIONAL HIGHWAYS AUTHORITY OF INDIA

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

Client National Highways Authority of India
 Concessionaire 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)

Jan. 2020

		18	18	0	0	0	0	0	18	18	0
g) Water Absorption											
B. Testing of stone											
a) Petrographical Examination	4	3	0	0	0	0	0	4	3	0	
b) Alkali Agg Reactivity	5	4	0	0	0	0	0	5	4	0	
c) Chloride Content	5	4	0	0	0	0	0	5	4	0	
d) Sulphate Content	5	4	0	0	0	0	0	5	4	0	
e) Del material Content	5	4	0	0	0	0	0	5	4	0	
f) Sp. Gr & Water Absorption	5	4	0	0	0	0	0	5	4	0	
								5	4	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				Cummulative Total			Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		I.E. Witness	No. of Test Conducted	Results		
			Passed	Failed		Passed	Failed			Passed	Failed	
1	Consistency	13	13	0	2	2	0	1	15	15	0	Frequency of testing is as per specification
2	Initial & Final Setting Time	13	13	0	2	2	0	1	15	15	0	
3	Fineness	13	13	0	2	2	0	1	15	15	0	
4	Specific Gravity	4	4	0	0	0	0	0	4	4	0	
5	3 days Comp. Strength	13	13	0	2	2	0	1	15	15	0	
6	7 days Comp. Strength	13	13	0	2	2	0	1	15	15	0	
7	28 days Comp. Strength	3	3	0	3	3	0	1	6	6	0	

(ii) OPC-53 Grade

S.No	Description of Test	No. of Test Conducted upto previous month			No. of Test Conducted during this Month				Cummulative Total			Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		I.E. Witness	No. of Test Conducted	Results		
			Passed	Failed		Passed	Failed			Passed	Failed	
1	Consistency	96	96	0	23	23	0	5	119	119	0	Frequency of testing is as per specification
2	Initial & Final Setting Time	96	96	0	23	23	0	5	119	119	0	
3	Fineness	96	96	0	23	23	0	5	119	119	0	
4	Specific Gravity	2	2	0	0	0	0	0	2	2	0	
5	3 days Comp. Strength	97	98	0	21	21	0	4	118	119	0	
6	7 days Comp. Strength	90	90	0	28	28	0	6	118	118	0	
7	28 days Comp. Strength	75	75	0	25	25	0	5	100	100	0	

RBHays
PZC

EPC Representative

[Signature]
Concessionaire Representative
[Signature]
IE Representative

IE Representative

NATIONAL HIGHWAYS AUTHORITY OF INDIA

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Client National Highways Authority of India
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 Independent Engineer Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.
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MONTHLY PROGRESS REPORT (PKG-II)

Jan. 2020

Design Mix/Nominal Mix

S.No	Description of Test	No. of Test Conducted upto previous month			No. of Test Conducted during this Month				Cummulative Total			Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		I.E. Witness	No. of Test Conducted	Results		
			Passed	Failed		Passed	Failed			Passed	Failed	
1	M-15	0	0	0	0	0	0	0	0	0	0	
2	M-20	47	47	0	0	0	0	0	47	47	0	
3	M-20 (Kerb)	0	0	0	0	0	0	0	0	0	0	
4	M-25	0	0	0	0	0	0	0	0	0	0	
5	M-30	0	0	0	0	0	0	0	0	0	0	
6	M-35 (R.C.C.)	47	47	0	1	1	0	0	0	0	0	
7	M-35 (Piling)	47	47	0	1	1	0	1	48	48	0	
8	M-35 (RE- Block)	46	46	0	0	0	0	1	48	48	0	
9	M-40	7	7	0	0	0	0	0	46	46	0	(28 days Strength Achieved)
10	M-45	40	40	0	0	0	0	0	7	7	0	
11	M-50	0	0	0	1	1	0	1	41	41	0	
12	GP2	0	0	0	2	2	0	2	2	2	0	
13	D.L.C.	0	0	0	0	0	0	0	0	0	0	
14	G.S.B.	13	13	0	0	0	0	0	0	0	0	
15	W.M.M.	2	2	0	0	0	0	0	13	13	0	
16	M-40 P. Q. C.	0	0	0	0	0	0	0	2	2	0	7 days Strength Achieved
17	DBM GRADE - II	0	0	0	0	0	0	0	0	0	0	
18	BC GRADE - II	0	0	0	0	0	0	0	0	0	0	
19	Calibrations	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	WMM Plant	0	0	0	0	0	0	0	0	0	0	
2	Concrete Batching Plant	18	18	0	3	3	0	1	21	21	0	
3	Hot Mix Plant	0	0	0	0	0	0	0	0	0	0	
4	Rapid Moisture Meter	17	17	0	5	5	0	2	22	22	0	
5	Sand Pouring Cylinder	32	32	0	3	3	0	2	35	35	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	1	1	0	
10	Hot Mix Linnhoff 320	0	0	0	0	0	0	0	0	0	0	

RK Singh
P.L.L.

EPC Representative

[Handwritten Signature]
 Concessionaire Representative

[Handwritten Signature]
 IE Representative

Concessionaire Representative

IE Representative

72

NATIONAL HIGHWAYS AUTHORITY OF INDIA

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

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

MONTHLY PROGRESS REPORT (PKG-II)

Jan. 2020

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.	3089	3083	6	0	0	0	0	3089	3083	6	Frequency of testing is as per specification(Set) Ground Improvement FDD Test witness BY SITE A.R.I.E
2	Embankment	5348	5331	17	1275	1270	5	255	6623	6601	22	
3	Subgrade	361	358	3	135	134	1	27	496	492	4	
4	G.S.B	496	490	6	284	279	5	57	780	769	11	
5	W.M.M	0	0	0	0	0	0	0	0	0	0	
6	D.L.C.	0	0	0	30	30	0	6	30	30	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	0	0	0	0	0	0	0	0	0	0	
10	Shoulder/Median	0	0	0	50	48	2	10	50	48	2	
11	Embankment (RE Wall)	0	0	0	12	12	0	2	12	12	0	

Fly Ash												
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	

73

R. Khajare
 EPC Representative
 P.I.L.

C. Sankaranarayanan
 Concessionaire Representative

Deval
 I.E. Representative

I.E. Representative



327+575 CUP CONCRETE POURING WORK IS IN PROGRESS



327+575 CUP WALL LIFT CONCRETE POURING IN PROGRESS



323+720 CUP LHS SLAB CONCRETE WORK IN PROGRESS



324+193 MNB PIER LIFT CONCRETE POURING IN PROGRESS



323+074 INTERCHANGE LHS PIER CAP CONCRETE POURING IS IN PROGRESS



325+769 LVUP DIVERSION CLOSED & TRAFFIC PERMITTED



324+236 BOX CULVERT LHS MIDDLE WALL CONCRETE POURING IN PROGRESS



324+236 BOX CULVERT SLAB CONCRETE POURING WORK IS IN PROGRESS



330+402 VUP SLAB AND TOP HAUNCH CONCRETE POURING IS IN PROGRESS



331+425 CUP LHS RAFT STEEL BINDING WORK IS IN PROGRESS



332+621.5 CUP RHS RAFT CONCRETE POURING IN PROGRESS



332+659 BOX CULVERT LHS RAFT STEEL BINDING WORK IS IN PROGRESS



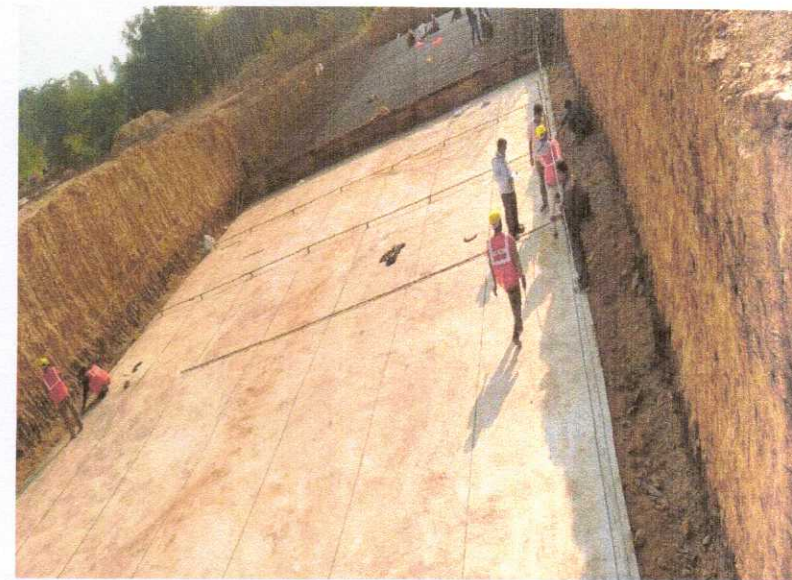
334+280 CUP LHS RE WALL BLOCKS ERECTION WORK IS IN PROGRESS



334+280 CUP LHS RE WALL GEOGRID LAYING IN PROGRESS



334+280 CUP RE WALL LHS SIDE BLOCK ERECTION WORK IS IN PROGRESS



332+621 CUP LHS RAFT STEEL PLACING WORK IN PROGRESS



336+810 MJB MIDDLE AND BOTTOM CAGE LAP JOINT COMPLETED



336+810 MJB LINER PUNCHING IN PROGRESS



337+022 LVUP SCAFFOLDING WORK FOR LVUP SLAB IS IN PROGRESS



337+022 LVUP CONCRETE POURING WORK IS IN PROGRESS



344+383 FLY OVER CURING WORK IS IN PROGRESS



345+653 CUP RHS RAFT CONCRETE POURING IN PROGRESS



344+383 FLYOVER PILE CAP CONCRETE POURING IS IN PROGRESS



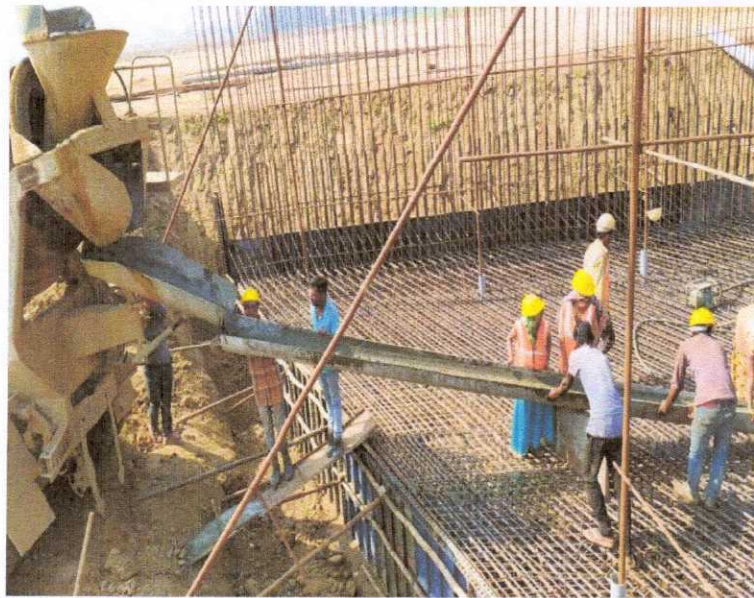
344+383 FLYOVER, PIER LIFT AND PIER CAP SHUTTERING AND STAGING WORK IN PROGRESS



344+383 FLYOVER PIER LIFT CONCRETE POURING
WORK IS IN PROGRESS



344+383 LAYOUT MARKING OF PEIR POINTS ON PILE CAP STEEL TOP



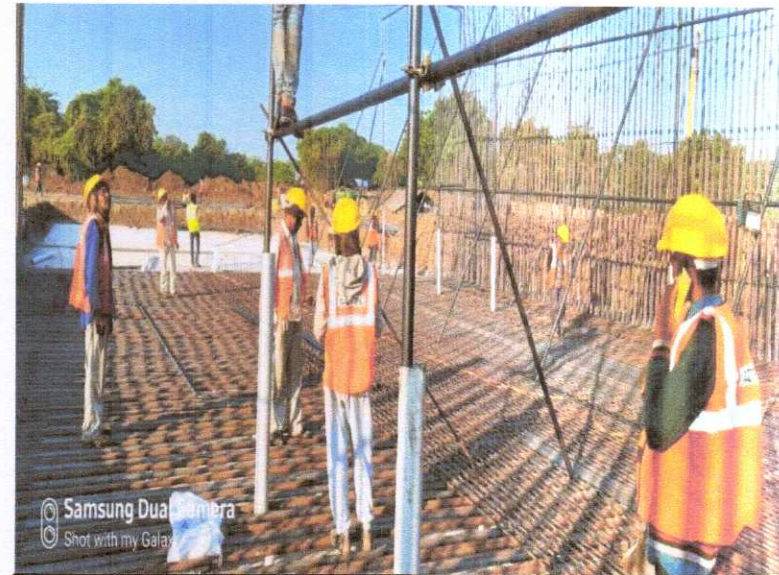
346+743 MNB RHS RAFT CONCRETE POURING IN PROGRESS



347+108 CUP 01ST LIFT WALL STEEL BINDING AND
SHUTTERING WORK IN PROGRESS



352+700 CUP REINFORCEMENT CUTTING AND BINDING WORK IS IN PROGRESS



352+700 CUP RHS REINFORCEMENT CUTTING & BINDING WORK IS IN PROGRESS



349+441 VOP PIER CAP CURING WORK IN PROGRESS



349+441 VOP PIER CAP STAGING WORK IN PROGRESS



351+800 LVUP LINK BAR BINDING AND SHUTTERING WORK IS IN PROGRESS



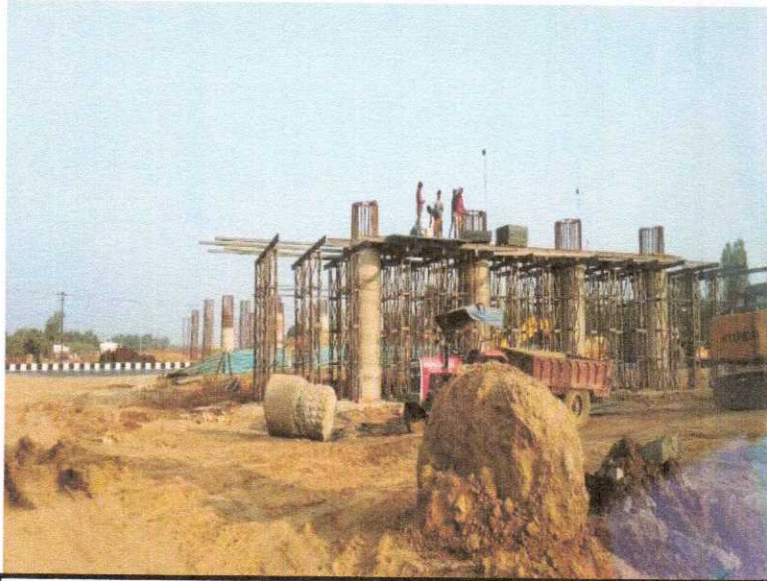
352+700 CUP BHS RAFT REINFORCEMENT CUTTING AND BINDING WORK IN PROGRESS



352+700 CUP RAFT CONCRETE POURING IS IN PROGRESS



353+666 INTERCHANGE STAGING FOR PIER CAP IN PROGRESS



353+666 INTERCHANGE PILE CAP SHUTTERING WORK IS IN PROGRESS



WMM WORK IS IN PROGRESS INTERCHANGE DIVERSION 353+661



353+666 INTERCHANGE SHUTTERING WORK FOR PIER CAP WORK IS IN PROGRESS



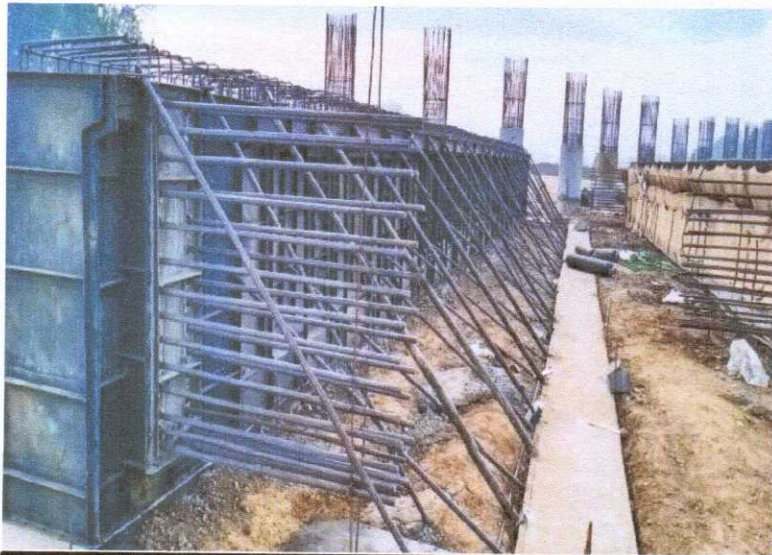
GSB TOP IN PROGRESS AT CH- 353+666 FORDIVERSION ROAD INTERCHANGE LOCATION



354+636 MNB PIER SHAFT CURING WORK



354+636 MNB INITIAL PILE LOAD TESTING



354+636 MNB GIRDER STEEL MAKING & GIRDER SHUTTERING WORK IS IN PROGRESS



354+636 MNB GIRDER CURING WORK IS IN PROGRESS



354+636 MNB GIRDER STEEL MAKING & BINDING WORK IS IN PROGRESS



354+636 MNB GIRDER CONCRETE POURING IN PROGRESS



354+850 TOE WALL SHUTTERING WORK IN PROGRESS



TOE WALL 347+050 WALL SHUTTERING WORK IN PROGRESS



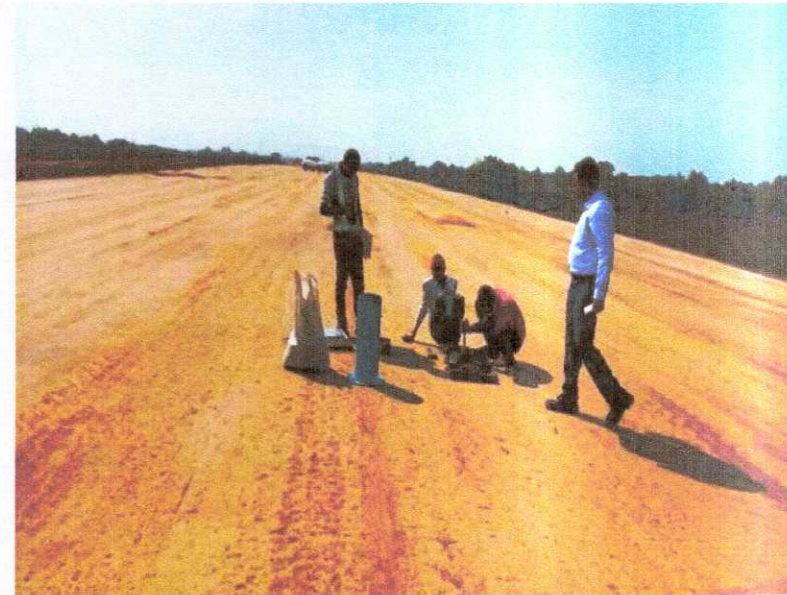
FDD CHECKING AT 354+360 TO 354+460 EMB LAYER BHS



FDD TESTING WORK IN PROGRESS FROM CH338+200 TO 400



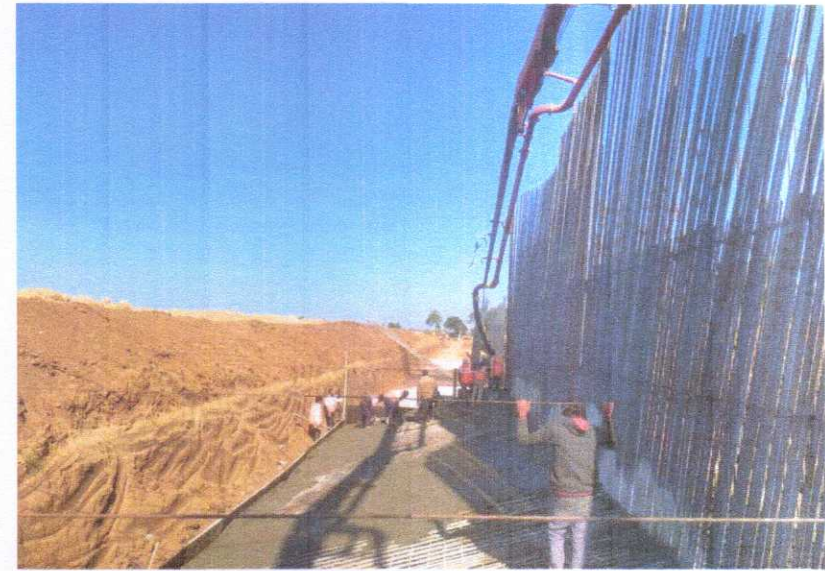
CHECKING OF EMB. LAYER FROM CH 354+000 TO 354+100



SG LAYER CHECKING LHS SIDE FROM 335.440 TO 600



353+490 TO 510 RHS RAFT RETAINING WALL CONCRETE POURING IN PROGRESS



353 +105 TO 353+125 RHS RETAINING WALL RAFT CONCRETE POURING WORK IS IN PROGRESS



RETAINING WALL 353+490 TO 510 RHS RAFT CONCRETE POURING IS IN PROGRESS



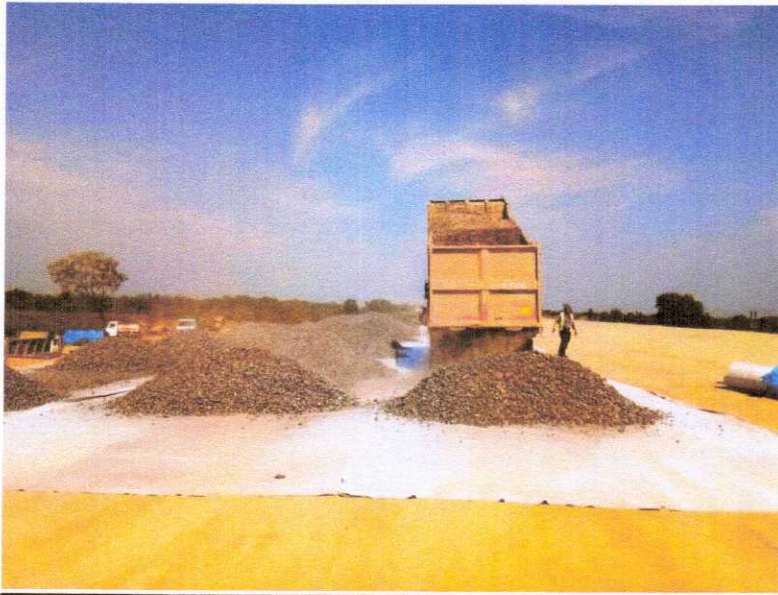
RETAINING WALL 353+320 TO 340 RHS RAFT CURING WORK



GEO TEXTILE LAYING WORK IS IN PROGRESS



GEO TEXTILE LAYING WORK IS IN PROGRESS



GSB DUMPING WORK IS IN PROGRESS



GSB DUMPING WORK IS IN PROGRESS



GSB DUMPING WORK IS IN PROGRESS
AT 337+960 TO 338+050 RHS



GSB BED PREPARATION WORK IS IN PROGRESS
FROM 337+950 TO 338+050 LHS



PREPARING EMB TOP AT CH. 332+950 TO 333+150



EMBANKMENT LAYER TOP IS IN PROGRESS
AT CHAINAGE 337+620 TO 337+800.



GSB DUMPING AT 353+650 INTERCHANGE DIVERSION



SOIL DUMPING WORK IS IN PROGRESS

ab.



800 Spot on vivo S1 AI Triple Camera 2020/01/20 12:21

GSB GRADATION TEST FOR SITE SAMPLE FOR CH. 337+960 TO 338+160



340+500 TO 800 PREPARATION OF SLOP WORK IN PROGRESS



GRADING WORK IS IN PROGRESS AT 353+250 TO 353+350



ROLLING WORK IN PROGRESS RHS ON SG TOP FROM 335+460 TO 335+590



CPR SLAG UNLOADING AT KM 327+610-700



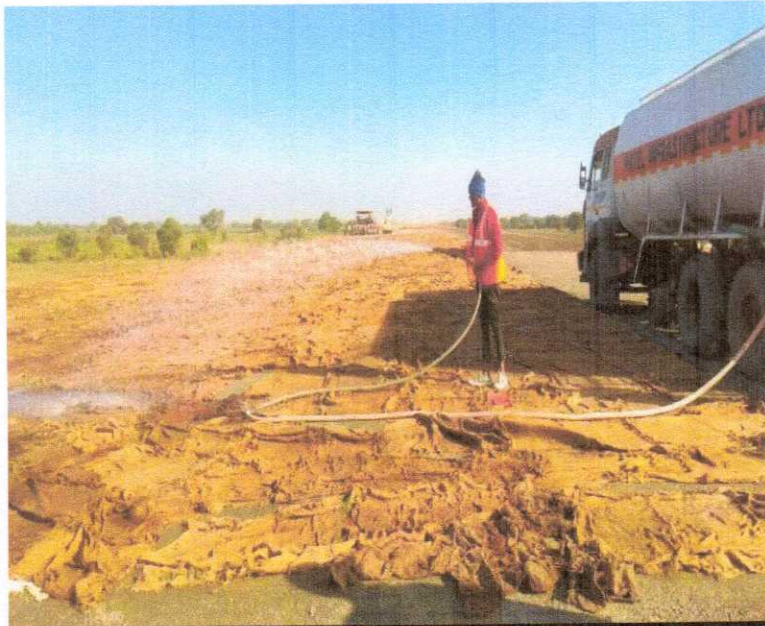
GSB TOP LAYING IN PROGRESS AT CH- 337+630 TO 760 LHS



DLC LAYING WORK IS IN PROGRESS FROM 337+960 TO 338+060



FDD TEST OF DLC FROM CH. 337+960 TO 338+060 AFTER LAYING & ROLLING



DLC CURING WORK IS IN PROGRESS



DLC CURING WORK IS IN PROGRESS



DLC LAYING WORK IS IN PROGRESS



ROLLING AND HESSIAN CLOTH SPREADING WORK IS IN PROGRESS AT DLC



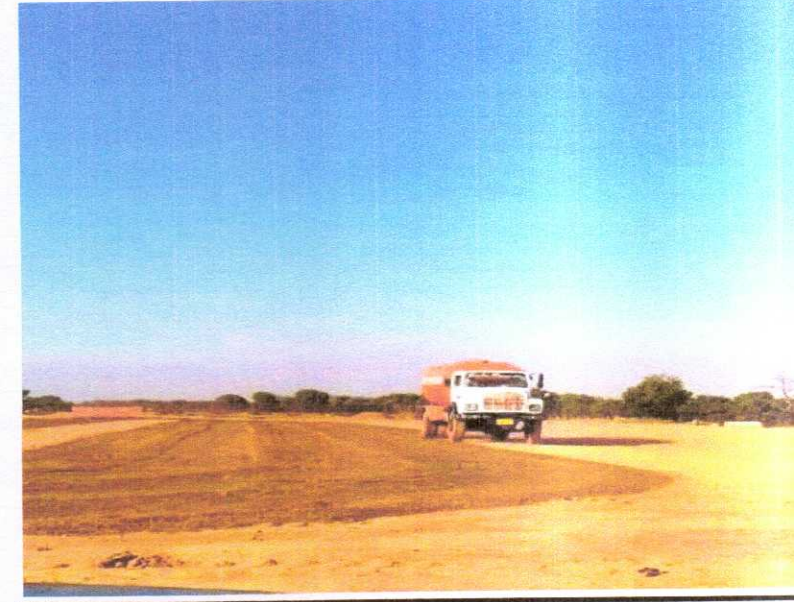
DLC LAYING WORK IS IN PROGRESS AT 338



DLC LAYING WORK IS IN PROGRESS AT 338



WATERING ON ROAD AT KM 329+500 TO 330+400



WATERING FROM CH.NO.350+000 TO 351+000



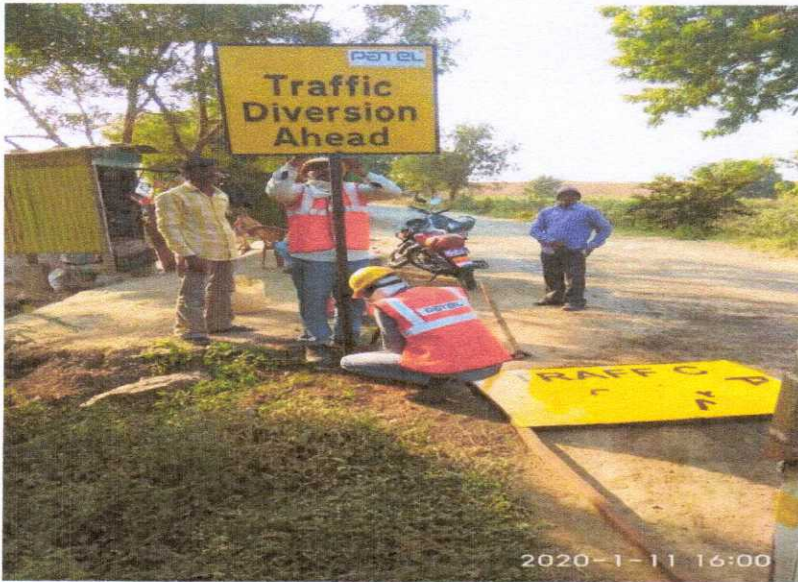
2020-1-8 10:07

TBT CONDUCTED AT 332+659 (CUP)



2020-1-18 15:51

BLINKER LIGHT INSTALLED AT CH. 353+666



2020-1-11 16:00

INSTALLATION OF SIGN BOARD - TRAFFIC DIVERSION AHEAD



2020-1-12 09:49

OVERHEAD POWERLINE PROTECTIVE BARRIER INSTALLED AT 354+000



TIN SHEET BARRICADING AT 353+666 DIVERSION



OVERHEAD POWER LINE WARNING BARRIER INSTALLATION AT 355



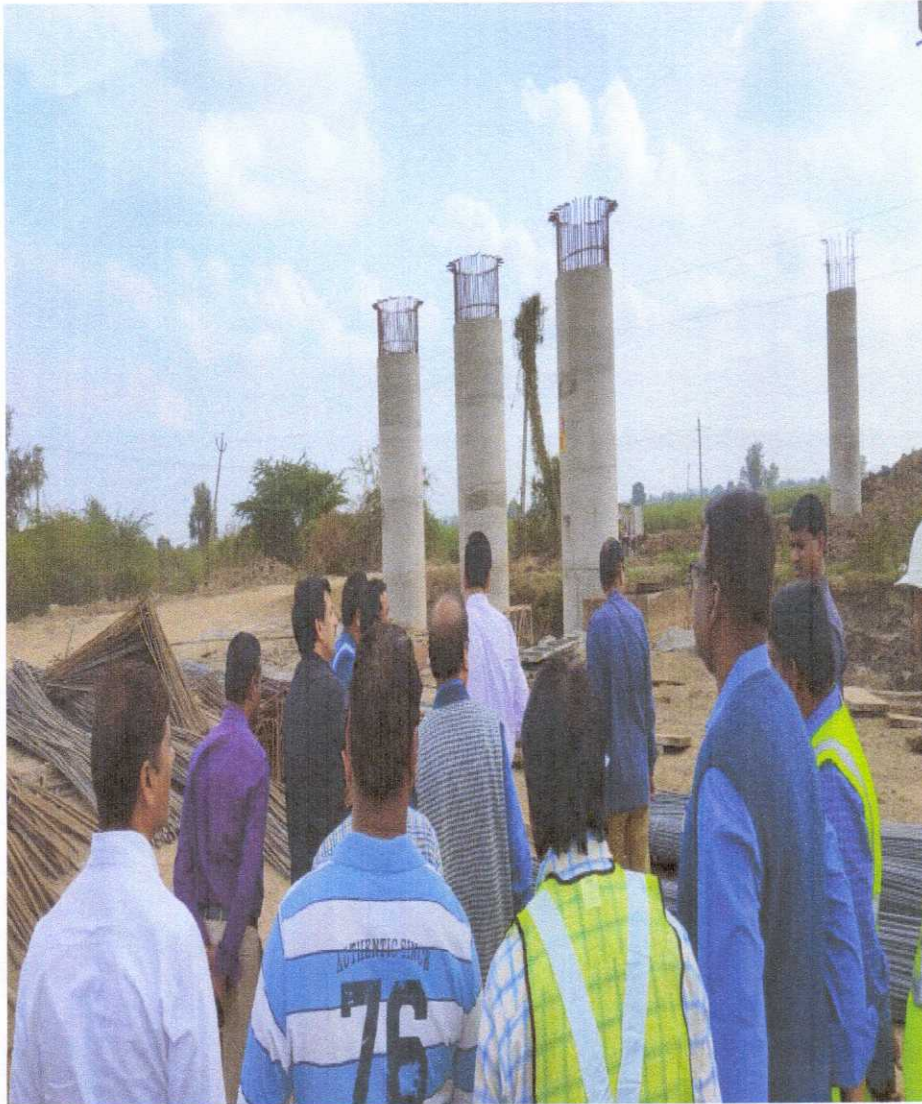
ADVANCE INFORMATORY SIGN BOARDS INSTALLATION AT 353+666 DIVERSION



A NEW AUTO LEVEL FOR PREPARATION OF EMBANKMENT TOP



ERECTION OF PQC CONCRETE PLANT IN PROGRESS



NHAI & IRCON Visit dated 13/01/2020