

MONTHLY PROGRESS REPORT

March - 2021



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

Concessionaire: IVKEL



IRCON INTERNATIONAL LIMITED

(A Government of India Undertaking)

EPC Contractor:

PATEL INFRASTRUCTURE LIMITED

PATEL HOUSE, CHANNI, VADODARA



Every Milestone is Our Value

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

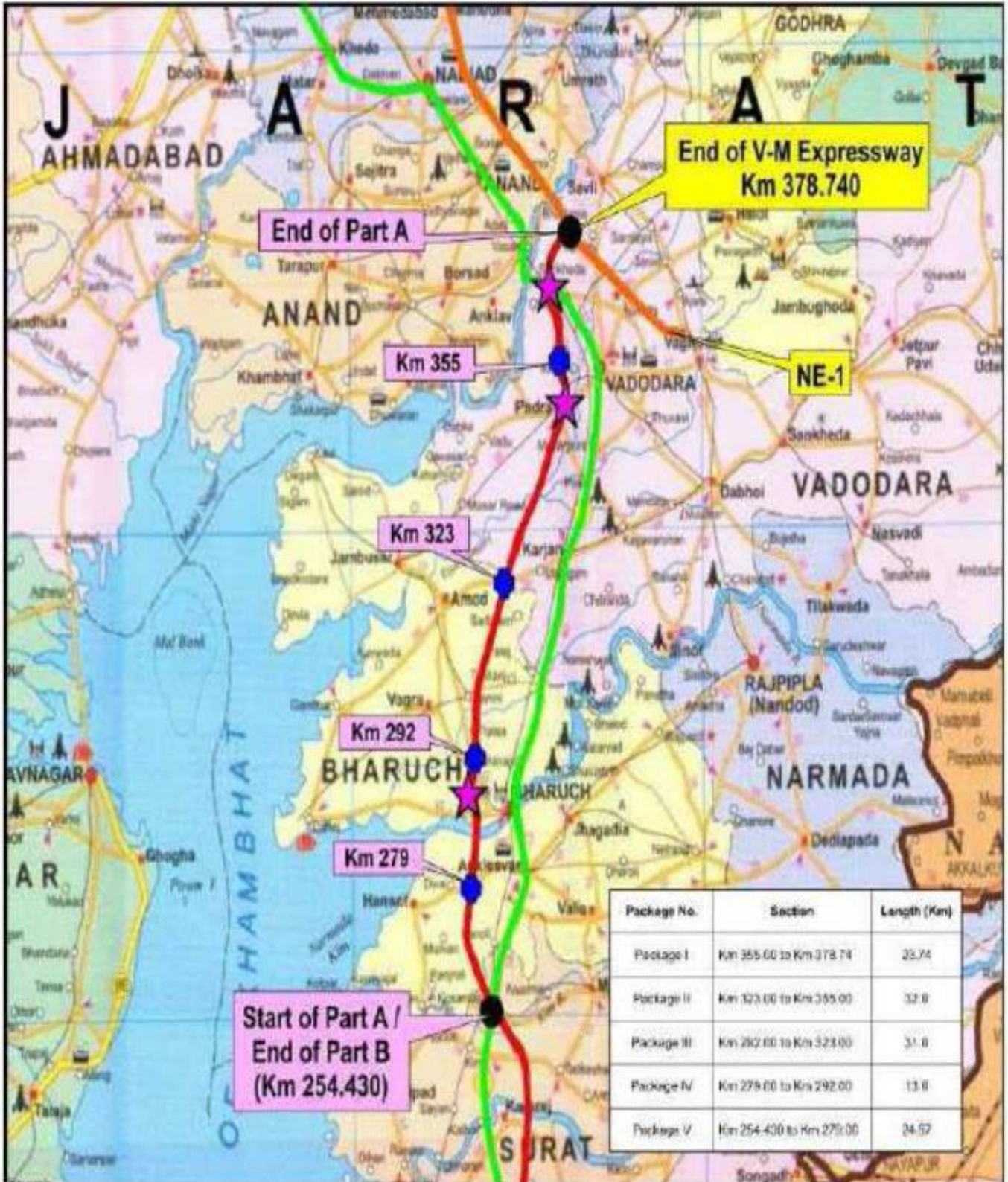
INDEX

Sr.	Description	Pages	
		From	To
I	LOCATION PLAN	<u>01</u>	<u>05</u>
a	Key plan of Expressway	3	3
b	Key plan of Project	4	5
II	EXECUTIVE SUMMARY	<u>6</u>	<u>6</u>
a	Project Synopsis	6	6
III	PROJECT OVERVIEW	<u>7</u>	<u>12</u>
a	Milestones as per CA	7	7
b	Details of Typical Cross Section	8	8
c	Details of MCW	9	9
d	Details of Structures	9	9
e	Organization Chart	10	10
f	Details of Plant and Machinery Deployed	11	11
g	Details of Applicable Permits	12	12
IV	PROJECT PROGRESS	<u>13</u>	<u>20</u>
a	Physical Progress	13	13
b	Highway Progress	13	13
c	Structure Progress	13	14
d	S-curve(Physical progress progressive)	15	15
e	Highway Bar Chart	16	18
f	Structure Bar Chart	19	20
V	STATUS OF LAND ACQUISITION	<u>21</u>	<u>21</u>
VI	UTILITY SHIFTING	<u>22</u>	<u>22</u>
VII	STATUS OF DESIGN AND DRAWING	<u>23</u>	<u>35</u>
VIII	WEATHER REPORT	<u>36</u>	<u>37</u>
IX	STATUS OF RFI	<u>38</u>	<u>38</u>
X	ANNEXURES	<u>39</u>	
a	Annexure 1: Calculation of physical progress progressive	39	45
b	Annexure 2: Structure Progress Chart	46	50
c	Annexure 3: Highway progress Chart	51	51
d	Annexure 4: Details of Hindrance	52	60
e	Annexure 5: Details of Letter correspondence	61	67
f	Annexure 6: NCR status	68	70
g	Annexure 7 : Weather report (Signed Copy)	71	71
h	Annexure 8 : Summary of Test Conducted (Signed Copy)	72	77
XI	ACCIDENT REPORT	<u>78</u>	<u>78</u>
XII	PROGRESS PHOTOGRAPHS	<u>79</u>	<u>84</u>

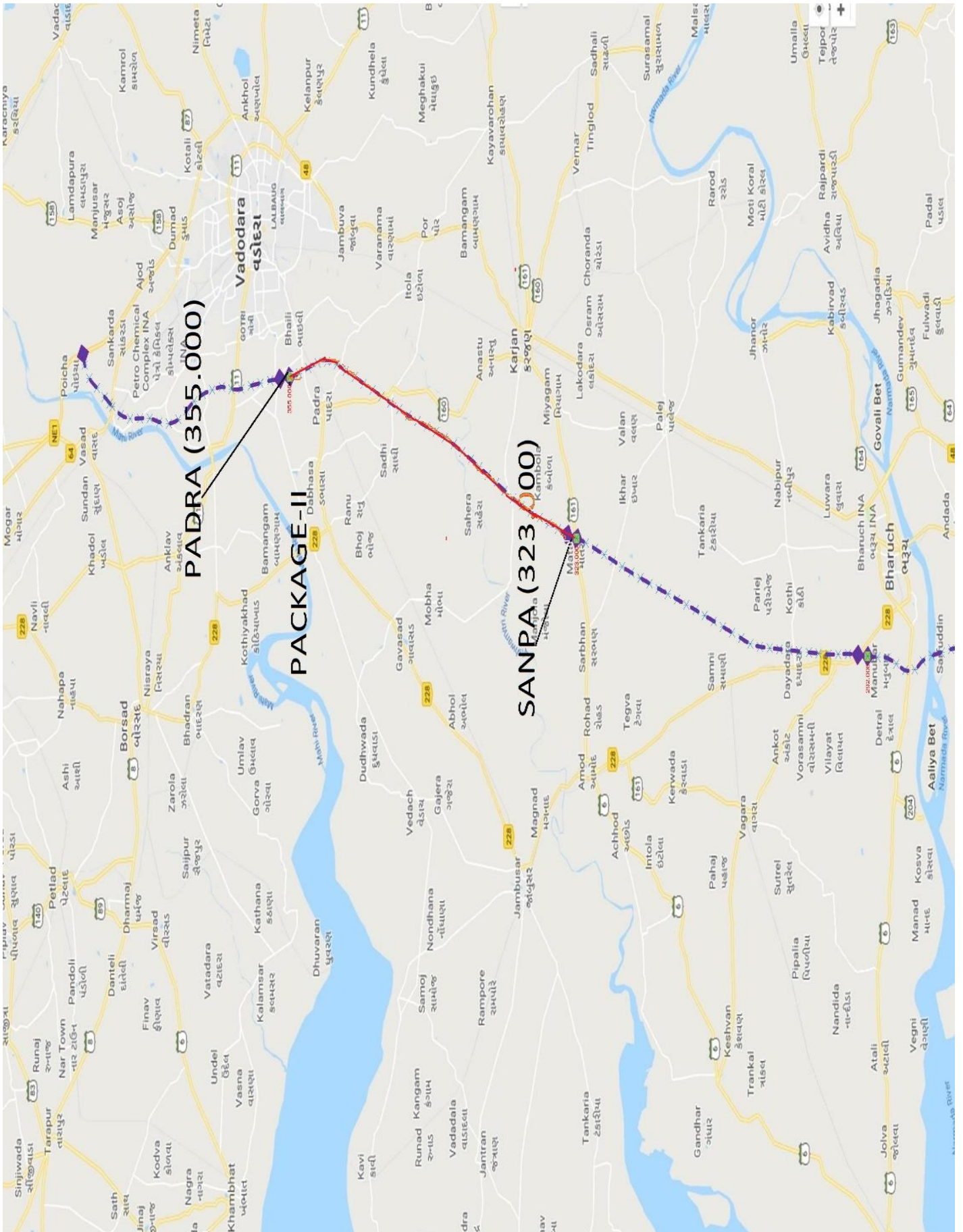
Construction of Eight lane Vadodara Kim Expressway from Km 323.00 to Km 355.00
 National Highway Authority of India (NHDP Phase VI)
 IRCON International Limited

I. LOCATION PLAN & KEY PLAN

A. Key plan of Expressway

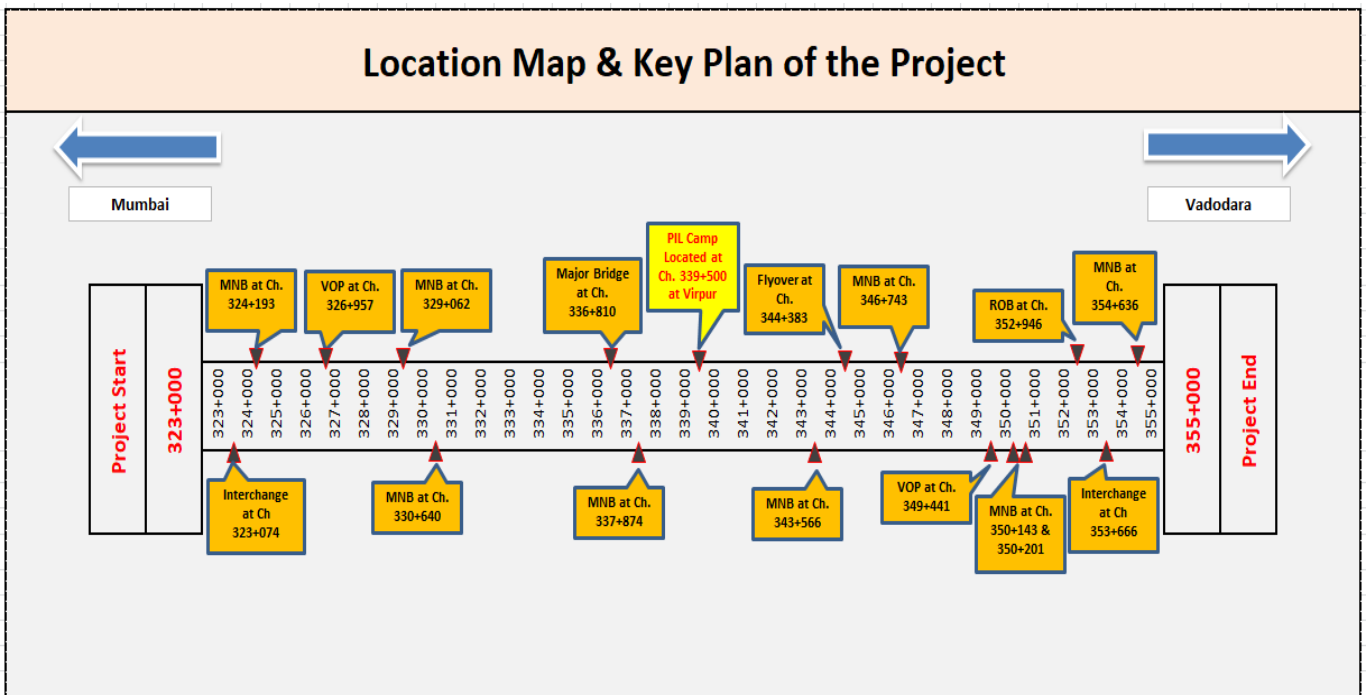


Construction of Eight lane Vadodra Kim Expressway from Km 323.00 to Km 355.00
 National Highway Authority of India (NHDP Phase VI)
 IRCON International Limited



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

B. KEY PLAN OF PROJECT



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

II. EXECUTIVE SUMMARY

A. Project Synopsis

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

The 8-lane controlled access expressway traverses through two districts viz. Karjan and Vadodara in Gujarat State. These districts are rich in industrial production. There are many industrial estates and factories both in public and private sector. The alignment starts near Sanpa at km 323+000 and passes through major villages Bodka, Kanabha, Handod, Sambhoi, Survada, Sadad, Husepur, Amla, Sarsavani, Goriyad, Ghayaj, Darapur, Patod, Sokhada, Samiyala and it ends at Gokalpura village near Vadodara at km 355.000.

The expressway comprises of rigid pavement for Main Carriageway and flexible pavement for the Connecting road. The Expressway alignment runs almost parallel to existing NH 48 on west side. It includes the construction of bridges, underpasses, overpasses, ROB, Flyover, intersections, Connecting roads, culverts, related infrastructure such as Rest areas, Toll plaza, Wayside amenities, and also involves the installation of Advance Traffic Management system.

The road passes through plain and rolling terrain. Land use is mostly agricultural with Black Cotton soil. The entire length of the project road falls in the state of Gujarat under Vadodara District. The Function of expressway is to cater for movement of heavy volume of motor traffic at high speeds. They connect major points of traffic generation and are intended to serve trips of medium and long length between large residential areas, industrial, commercial concentrations, and the central business districts. They are divided highways with high standards of geometric and full or partial control of access and provided generally with grade separation at intersections. Parking, loading and unloading of goods, passengers and pedestrian traffic is not permitted on these highways.

Present status of approval of ROB drawing at chainage 352+946: The drawing was approved by Sr. DEN (Co) – BRC, Western Railway on 24.12.2018 and proof checked by IIT, BHU on 08.07.2019. GAD, reinforcement details, initial pile load test and design report have been submitted to Sr. DEN vide NHAI letter no. NHAI/PIU-Bharuch/P-2/222 dated 19.07.2019. Detail design and drawing of super structures of proposed ROB have been submitted to Western railway vide NHAI letter no. NHAI/PIU-Bharuch/P-2-5/340 on 19.08.2019. Further, The design & drawing was approved on 20.03.2020 by the railway department and letter of approval was issued on dt 28.07.2020. Quality assurance plan has been submitted for steel composite girder on dt. 05.09.2020 and approved as on dt. 05.11.2020.

This report covers the progress for the month of March 2021. The Embankment work of the main carriageway has been continued and 30.10 Km out of 30.52 Km is in progress. The Executive summary of the reporting month is as shown below.

Executive Summary of the Project		
Sl. No	Key Reporting Metrics	Value%/Amount
1	Cumulative Scheduled Physical Progress (%)	83.27%
2	Cumulative Achieved Physical Progress up to Current month (%)	77.57%
3	Physical progress target during current month (%)	3.81%
4	Physical progress achieved during current month (%)	5.44%
5	Cumulative stage achieved up to Current month (%)	57.39% (841.36 Crore)

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

III. PROJECT OVERVIEW

Project	Construction of Eight Lane Vadodara Kim Expressway from Km 323.00 to Km 355.00 (Sanpa to Padra Section of Vadodara Mumbai Expressway) in the State of Gujarat under NHDP Phase - VI on EPC Mode (Package-II)
Authority	National Highways Authority of India
Concessionaire	IRCON Vadodara Kim Expressway Limited
EPC Contractor	IRCON International Limited
Contractor	Patel Infrastructure Limited
Independent Engineer	Aarvee Associates Architects Engineers & Consultants Private Limited
Project Length	32.00 Km
Total Bid Project Cost	1465.00 Cr.
Defect liability Period	42 month
Construction Period (as per CA)	670 Days from the Appointed Date.
Date of LOA	26.10.2018
Date of Contract Agreement	19.11.2018
Appointed Date	31.01.2019
Schedule Date of Completion	30.11.2020
Proposed Date of Completion	14.08.2021

A. Milestones as per CA:

Sr. No.	Project Milestone	Required % of Physical & Financial Work Completion to Achieve Milestone	Milestone completion schedule as per CA (Days)	Original Completion date as per CA	Achieved /Proposed Date of Milestones	Remarks
1	Milestone – 1	20%	150	30/06/2019	27/09/2019 (Achieved)	
2	Milestone – 2	35%	330	27/12/2019	25/01/2020 (Achieved)	IRCON Letter No 1540, dt 14.04.2020
3	Milestone – 3	75%	450	25/04/2020	20/03/2021 Achieved and submitted on 26.03.2021	MS Achieved on 20.03.2021, PIL Intimated to IRCON on 26.03.2021 vide PIL Letter No 954
4	Milestone – 4	100%	670	01/12/2020	14.08.2021 (Proposed)	

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

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

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

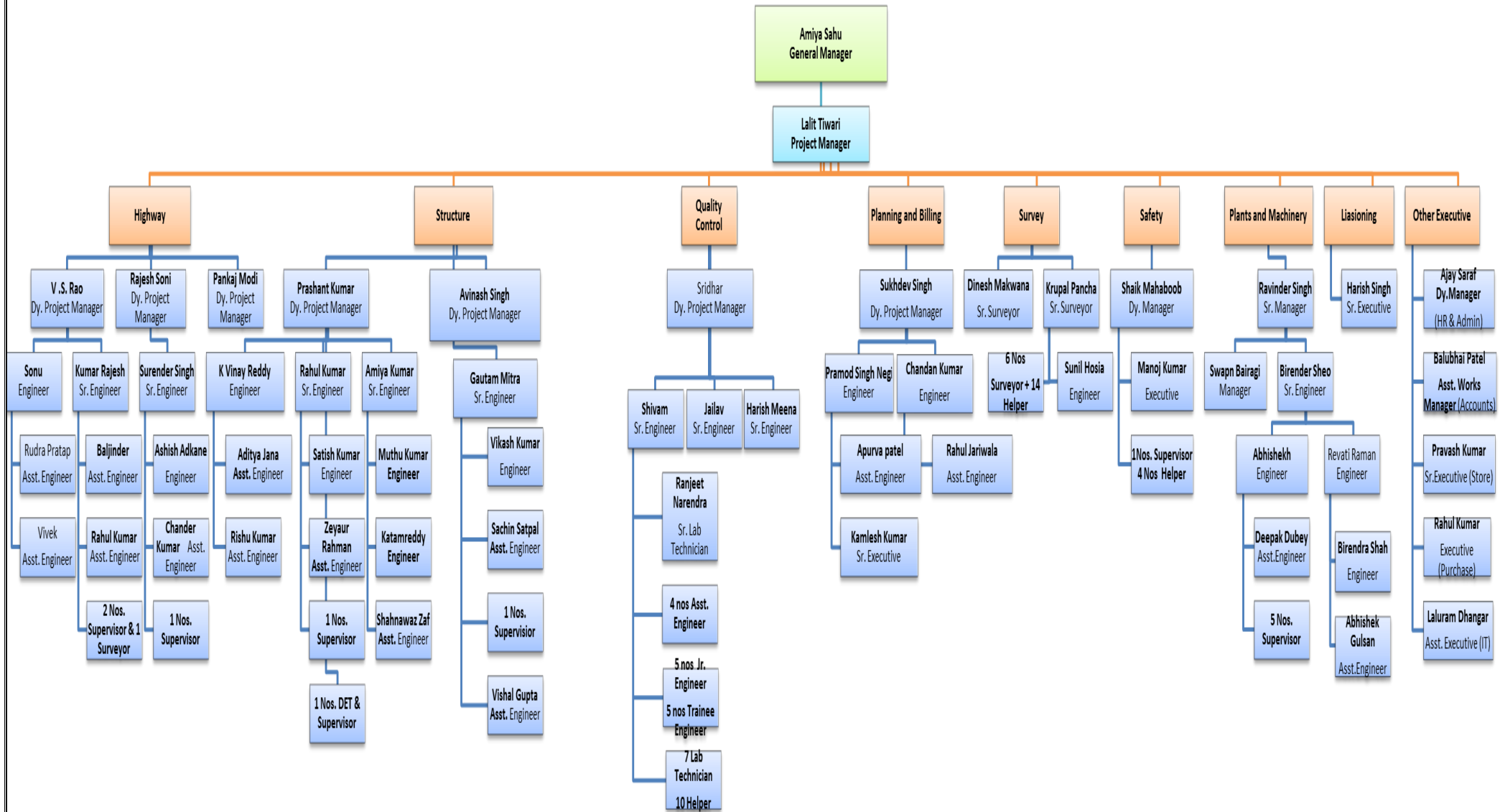
C. Details of MCW:

Sr. No.	Description	Length (in Km)
1	Embankment	30.52 Km
2	Sub grade	30.52 Km
3	GSB	30.52 Km
4	DLC	30.52 Km
5	PQC	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), [1x48.2+2(25.0+25.0+25.788)mtr]
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. – (2x48.221 mtr, 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 Deployed	Working Status	Remarks
1	Back Hoe Loader	Nos	16	22	22 Working	
2	Excavator	Nos	19	35	35 Working	
3	Motor Grader	Nos	19	29	29 Working	
4	Vibratory Roller/Soil Compactor	Nos	24	38	36 Working, 2 under Maintenance	
5	Wet Mix Paver	Nos	0	0		
6	Wet Mix Plant	Nos	0	1	Working	
7	DLC Paver	Nos	0	1	Working	
8	PQC Paver	Nos	0	2	Working	
9	Hot Mix Plant	Nos	0	0		
10	Bitumen Paver	Nos	0	0		
11	Bitumen Sprayer	Nos	0	0		
12	Broomer	Nos	0	1	Working	
13	Tandem Roller	Nos	3	3	Working	
14	Pneumatic Tyre Roller	Nos	0	0		
15	Dumpers/Tipppers	Nos	95	160	155 Working, 5 under Maintenance	
16	FE Loaders/Dozer	Nos	7	10	Working	
17	Water Tanker	Nos	24	52	50 Working, 2 under Maintenance	
18	Compressor	Nos	0	0	Working	
19	Concrete Batching Plant	Nos	1	10	CP-45 (2),CP-18, CP-65, CP-115, H6N240,CP-250,CP-30(3)	
20	Transit Mixers	Nos	14	42	40 Working, 2 under Maintenance	
21	Concrete Pump + Boom placer	Nos	2	3	Working	
22	Kerb Machine	Nos	1	1	Working	
23	Crusher - 250 MT	Nos	1	1	Working	
24	Weigh Bridge	Nos	4	3	Working	
25	Tractor	Nos	6	16	Working	
26	Diesel Tanker	Nos	2	5	Working	
27	Tempo	Nos	3	3	Working	
28	Tower Light	Nos	4	12	Working	
29	Hydra Crane	Nos	6	12	Working	
30	Vibratory Rammer	Nos	2	2	Working	
31	Dewatering Pump (Portable)	Nos	5	8	Working	
32	Baby Roller	Nos	2	2	Working	
33	Trailor / Platform Truck	Nos	1	6	Working	
34	Vibrator (Needle Type)	Nos	8	18	Working	
35	Kerb Cutter	Nos	2	2	Working	
36	Pile Boring machines	Nos.	1	2	Working	

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

G. Details of Applicable Permits:

Status of Applicable Permits (As per Schedule F) As on 31.03.2021

Sr. No	Description	Status	Receiving Date	Remarks
1	Permission of the State Government for extraction of boulders from quarry for and in respect of at least 20 (twenty) percent of the total length of the project	Received	06.12.2018	
2	Permission of Village Panchayats and Pollution Control Board for installation of crushers	Received	16.10.2018	
3	License for use of explosives	Received	16.01.2017	Valid up to 31.03.2023
4	Permission of the State Government for drawing water from river/reservoir	NA	NA	As per CGWA guidelines, for ground water extraction up to 100 cum /day NOC not required.
5	License from inspector of factories or other competent authority for setting up batching plant	Received	02.06.2020	
6	Clearance of Pollution Control Board for setting up batching plant	Received	20.04.2019	
7	Clearance of Village Panchayats and Pollution Control Board for setting up asphalt plant	Received	14.01.2020	
8	Permission of Village Panchayats and State Government for borrow earth	Received		Submitted with relevant Borrow Area.
9	Other permits or clearances required under Applicable Laws	NA	NA	

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

IV. Project Progress

A. Physical Progress:

The percentage of Physical progress calculation is based on the assigned weight-ages revised on 04/11/2019 to the overall scope of the work.

The physical progress achieved is 77.57 % as on 31.03.2021.

Given below is the summary of status of the works executed as on 31.03.2021

B. Highway Progress:

Sr. No.	Item	Unit	Scope of work	Completed	Work in Progress	Balance work
1	C & G	Km	30.52	30.40	0	0.12
2	Embankment	Km	30.52	29.20	0.80	0.52
3	Sub grade	Km	30.52	26.80	1.20	2.52
4	GSB	Km	30.52	25.80	1.00	3.72
5	DLC	Km	30.52	25.20	0.60	4.72
6	PQC	Km	30.52	20.60	1.06	8.86

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

A. Structure Progress:

SR. No.	Type Of Structure	Total No. of Structure as per CA	Completed Structure	No of Work in progress of structure	Structure To be Taken.	Remarks
1	HPC	42	42+4	0	0	1.) Both side chambers Construction in progress.
2	BOX Culvert	52	36	12	2	2.) Balance for connecting roads, ramps & loops.
3	Flyover	1	0	1	0	1. Girder Launching Completed

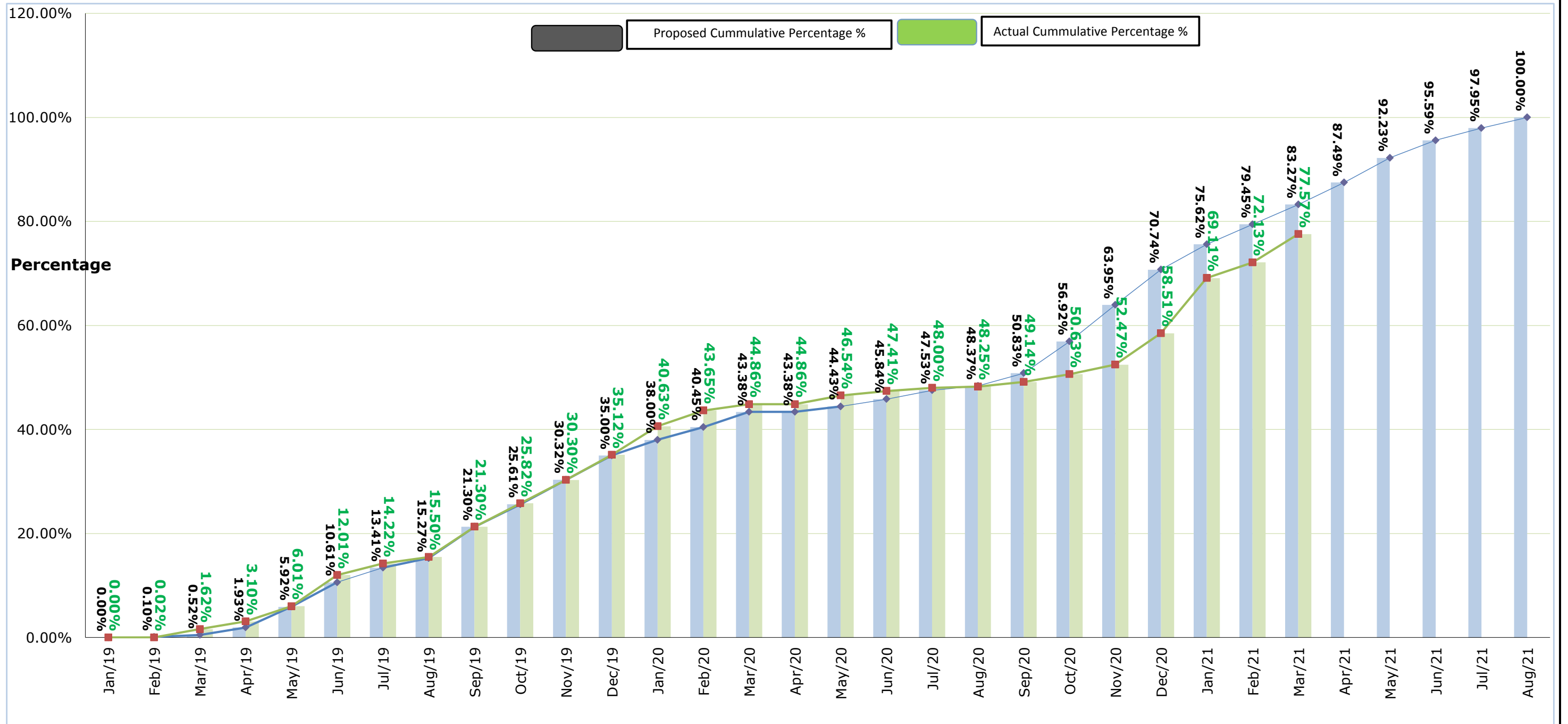
Construction of Eight lane Vadodara Kim Expressway from Km 323.00 to Km 355.00
National Highway Authority of India (NHDP Phase VI)
IRCON International Limited

4	ROB	1	0	1	0	1.) Pile-80 Nos. Completed 2.) Pile Cap- 6 Nos. Complete. 3.) Substructure 2 Nos. Complete, for balance sub structure in progress
5	MJB	1	0	1	0	1.) Sub structure work is in progress 2.) Girder casting completed
6	MNB	9	3	6	0	Box Type 1.) Foundation-4 Nos. completed 2.) Substructure-4 Nos. completed 3.) Superstructure- 3Nos. completed 4.) Girder-All completed Retaining wall started Pile Type 1.) Foundation-All completed 2.) Substructure – 36/36 Nos. In Completed. 3.) Girder completed 4.) Launching Completed.
7	Interchange	2	0	2	0	At Location 323+074 1.) Foundation-8 Nos. completed 2.) Substructure-8 Nos. completed 3.) Girder Launching in Progress At Location 353+666 1.) Foundation-16 Nos. completed 2.) Substructure-16 Nos. completed 3.) Girder-102 Nos. completed, Launching in Progress, slab steel binding in progress
8	VOP	2	0	2	0	At Location 349+441 1.) Foundation- completed 2.) Substructure- completed Girder- 8 Nos. completed At Location 326+957 3.) Foundation-3 Nos. completed 4.) Substructure- 3 completed
9	LVUP	8	8	0	0	Completed.
10	VUP	5	5	0	0	Completed
11	PUP/CUP	34	34	0	0	Completed
Total		157	132	25	2	
1	Utility Duct		61	61	0	Extension in connecting Road is in Progress

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

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

S- Curve (Physical Progress for Project Mi)



Month	MS-I												MS-II								MS-III						MS-IV				
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21
Proposed Cum. Percentage (%)	0.00%	0.10%	0.52%	1.93%	5.92%	10.61%	15.27%	21.30%	25.61%	30.32%	35.00%	38.00%	40.45%	43.38%	43.38%	44.43%	45.84%	47.53%	48.37%	50.83%	56.92%	63.95%	70.74%	75.62%	79.45%	83.27%	87.49%	92.23%	95.59%	97.95%	100.00%
Actual Cum. Percentage (%)	0.00%	0.02%	1.62%	3.10%	6.01%	12.01%	14.22%	15.50%	21.30%	25.82%	30.30%	35.12%	40.63%	43.65%	44.86%	44.86%	46.54%	47.41%	48.00%	48.25%	49.14%	50.63%	52.47%	58.51%	69.11%	72.13%	77.57%				

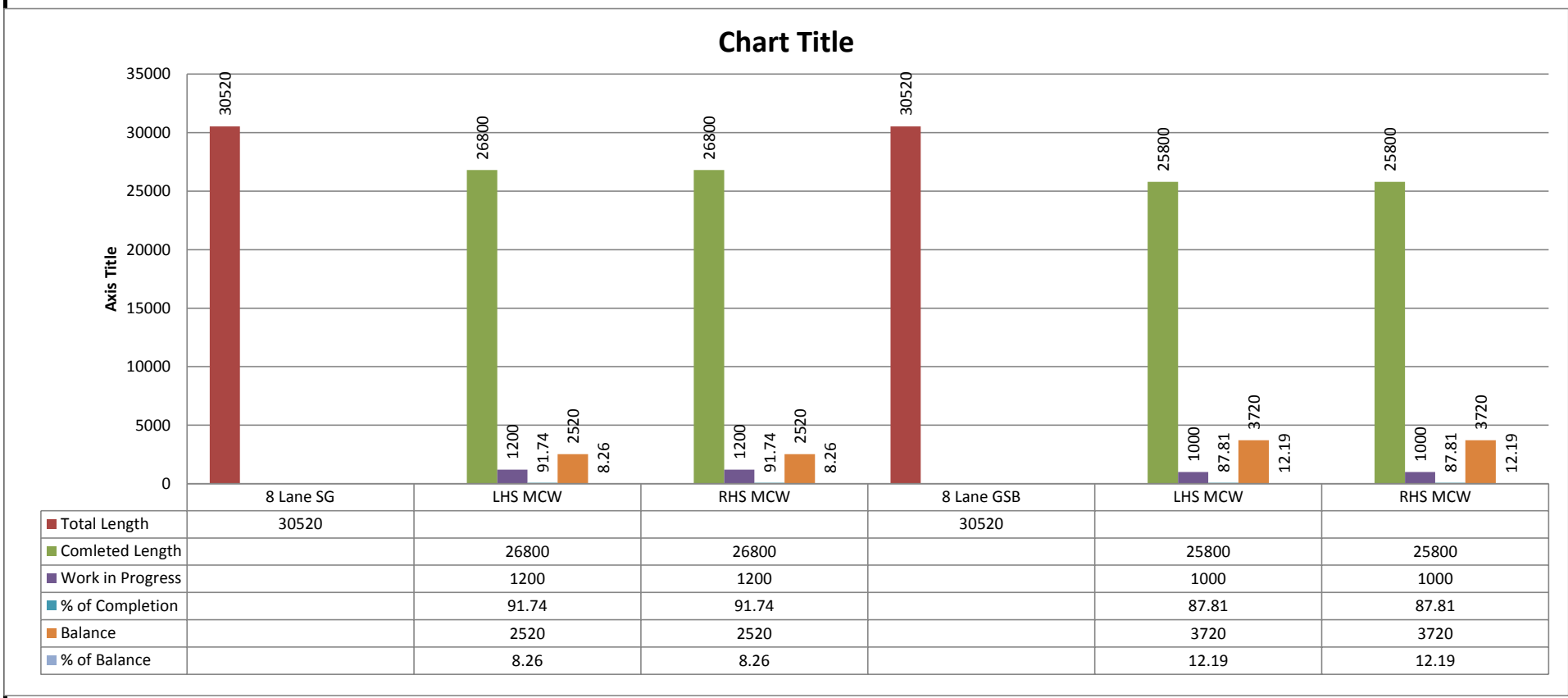
Highway Bar Chart							31.03.2021
S.No.	Type of Work	Total Length	Complete Length	Work in Progress	% of Completion	Balance	% of Balance
1	8 Lane C&G	30520					
2	LHS MCW		30400	0	99.61	120	0.39
3	RHS MCW		30400	0	99.61	120	0.39
4	8 Lane EMB	30520					
5	LHS MCW		29200	800	98.30	520	1.70
6	RHS MCW		29200	800	98.30	520	1.70



Highway Bar Chart							31.03.2021
S.No.	Type of Work	Total Length	Completed Length	Work in Progress	% of Completion	Balance	% of Balance
1	8 Lane SG	30520					
2	LHS MCW		26800	1200	91.74	2520	8.26
3	RHS MCW		26800	1200	91.74	2520	8.26
4	8 Lane GSB	30520					
5	LHS MCW		25800	1000	87.81	3720	12.19
6	RHS MCW		25800	1000	87.81	3720	12.19

1070

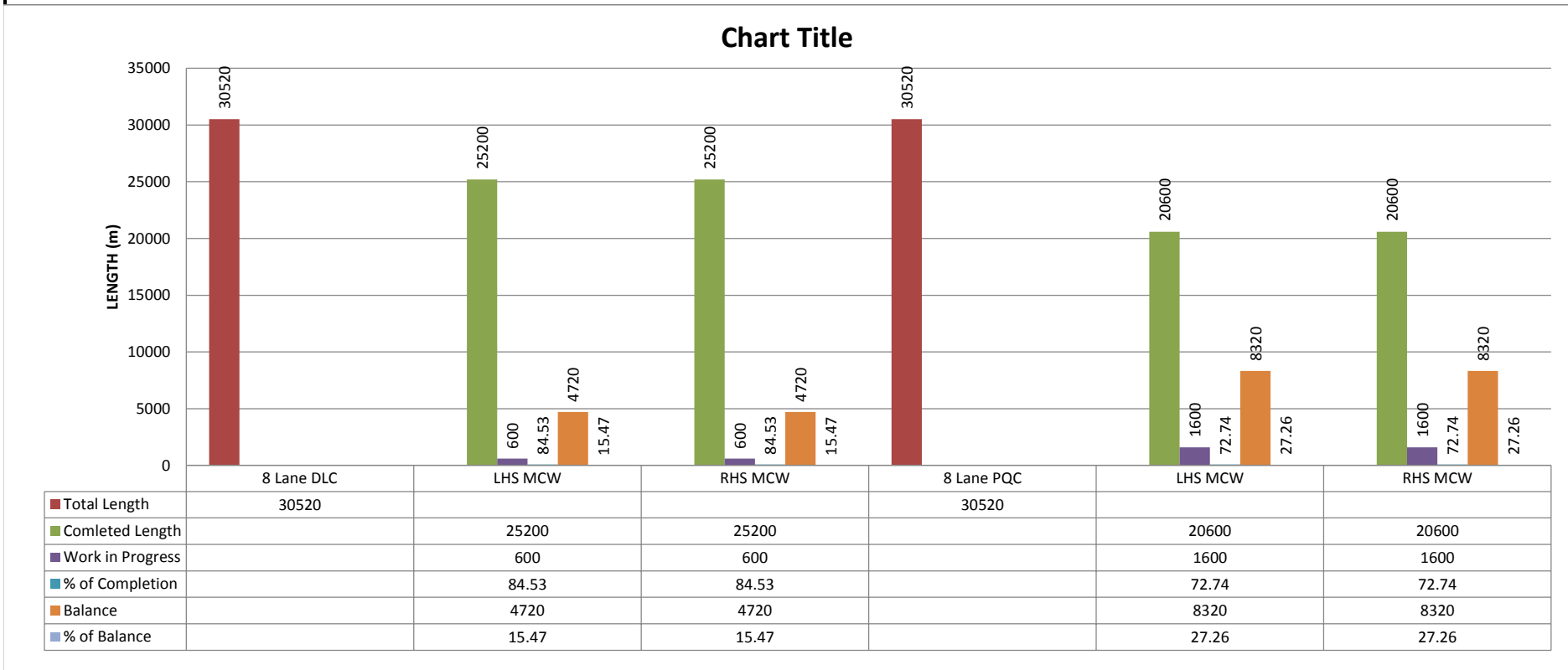
830



Highway Bar Chart							31.03.2021
S.No.	Type of Work	Total Length	Completed Length	Work in Progress	% of Completion	Balance	% of Balance
1	8 Lane DLC	30520					
2	LHS MCW		25200	600	84.53	4720	15.47
3	RHS MCW		25200	600	84.53	4720	15.47
4	8 Lane PQC	30520					
5	LHS MCW		20600	1600	72.74	8320	27.26
6	RHS MCW		20600	1600	72.74	8320	27.26

2500

4600



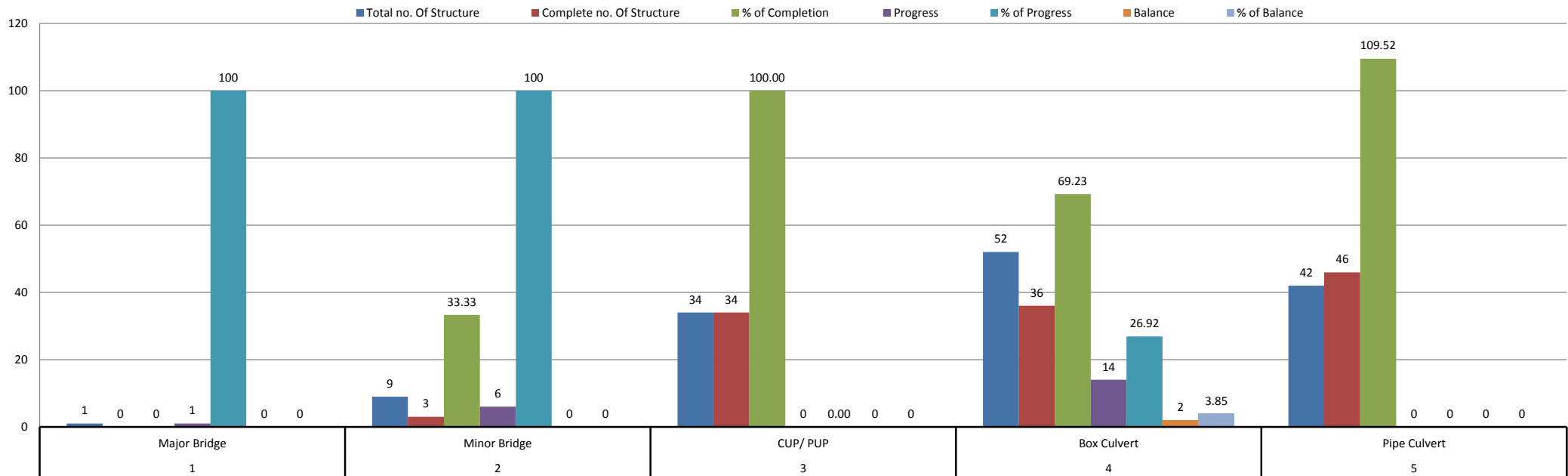
STRUCTURE BAR CHART

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

Status as on 31.03.2021

S.no.	Types Of work	Total no. Of Structure	Complete no. Of Structure	% of Completion	Progress	% of Progress	Balance	% of Balance
1	Major Bridge	1	0	0	1	100	0	0
2	Minor Bridge	9	3	33.33	6	100	0	0
3	CUP/ PUP	34	34	100.00	0	0.00	0	0
4	Box Culvert	52	36	69.23	14	26.92	2	3.85
5	Pipe Culvert	42	46	109.52	0	0	0	0

Chart Title

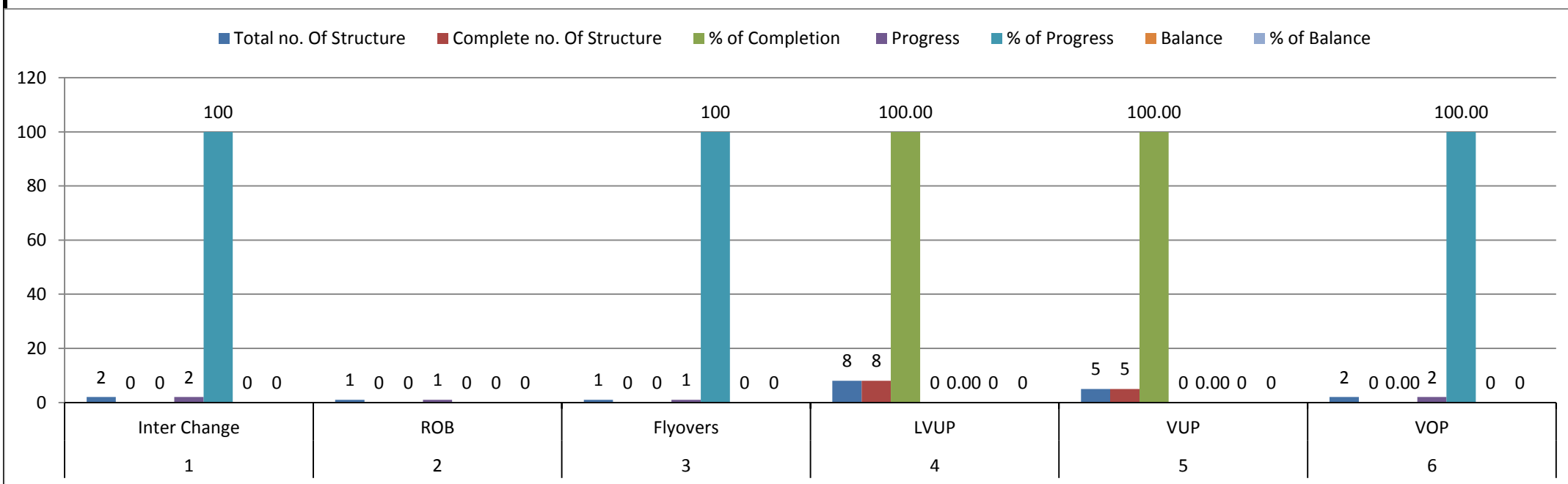


STRUCTURE BAR CHART

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

Status as on 31.03.2021

S.no.	Types Of work	Total no. Of Structure	Complete no. Of Structure	% of Completion	Progress	% of Progress	Balance	% of Balance
1	Inter Change	2	0	0	2	100	0	0
2	ROB	1	0	0	1	0	0	0
3	Flyovers	1	0	0	1	100	0	0
4	LVUP	8	8	100.00	0	0.00	0	0
5	VUP	5	5	100.00	0	0.00	0	0
6	VOP	2	0	0.00	2	100.00	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

V. Status of Land Acquisition

- Total land for which compensation was paid by NHAI/CALA as on 31.03.2021 is **97 %** i.e. **31.025 Km.** out of total 32km.
- As on date, Hindered Length Due to various utilities / Land / Other hindrances falling in the Total length of 32 km is **0.655 Km**

Details of above utilities and their affected length of road are given below.

Details of Hindrances	Hindered Length in meter	Remarks
Total Hindered length due to Electrical Utilities	445	Annexure 4A
Total Hindered length due to water pipeline etc.	0	Annexure 4C
Total Hindered Area due to Disputed Land in Main Carriageway	50	Annexure 4E
Permanent Structures	160	Annexure 4D
Grand Total	655	

Total hindrances/ Encumbrances in amenities and loop/ramp area	900 Meter
--	-----------

- Net unencumbered/Unhindered length of road as on 31.03.2021 is = $32.000 - 0.655 = 31.345$ km. i.e. 97.95 %.
- Action taken by M/s. PIL: We are consistently corresponding with Concessionaire and related Authorities for shifting of utilities and Land acquisition Issues.

VI. UTILITY SHIFTING

Status of Utilities in Package-II of Vadodara Kim Expressway

								Date:31.03.2021	
S r.	Description	MGVCL	GETCO	PGCIL	TORRENT	GWSSB	ONGC	GAIL	GSPL
1	Estimate Submitted to PIU-Dated	31.07.2019 & 08.12.2020	30.01.2020	30.08.2019	24.08.2019	04.04.2019	23.07.2020		
2	Approval by RO-Dated	22.11.2019, 17.12.2019 & 2 Estimate approval awaited	28.02.2020						
3	Supervision Charge paid-Dated	Padra 1- 19.03.2020 Padra 2- 27.03.2020 Karjan- 18.03.2020	13.03.2020 13.03.2020			08.01.2020			
4	Work Started on	05.10.2020	20.10.2020						
5	Work Completed on	Padra 1 100% Padra 2 Complete Karjan 100%	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress
6	Total length effected(m)	1965	145	50	150	40	100	60	-
7	Total length cleared(m)	1865	-	-	-	40	-	-	-
8	Balance length to be clear(m)	100	145	50	150	00	100	60	-

VII. STATUS OF DESIGN & DRAWING

Sr. No	Type of Structure	Total scope (Nos)	Nos. of structures Submitted to IE	Nos. of structures Approved by IE	Nos. of structures Balance to be reviewed by IE	Chainage	Submitted to IE/IRCON	Comments from IE/IRCON on	Present Status
1	Interchange	2	2	2	0	323+075	PIL/HO/VKE2/IRCON/015/2020 Dt. 06.01.2020	IRCON/3019/VKE/PATEL/1242 dt. 06.01.2020	Approved vide letter no. 1242
						323+075	PIL/HO/VKP2/IRCON/428/2020, dt 07.08.2020	IRCON/3019/VKE/PATEL/2011 dt. 07.09.2020	Found in Order vide letter No 2011 IRCON/IE have reviewed the compliance given by M/s PIL and the layout & profile of the Interchnage at Km 323+075 & it is found in order Ms/ PIL is hereby requested to proceed for the GFC Drawings along with details of coordinates of the splitters , drainage and profile of the circulatory carriageway in roundabouts
						323+075	PIL/HO/VKP2/IRCON/068/2020, dt 31.01.2020	IRCON/ 3019/ VKE/ PATEL / 1916, dt. 17.08.2020	Approved vide letter no. 1916 the compliance regarding PSC girder, RCC girder, GAD & Design
						353+666	PIL/HO/VKP2/IRCON/377/2020 dt.08.07.2020	IRCON/3019/VKE/PATEL/1775 dt. 01.07.2020	Approved

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

2	Major Bridge	1	1	1	0	336+830	<p>(1) PIL/HO/VKP2/IRCON/201/2020 dt.04.04.2020</p> <p>(2) PIL/HO/VKP2/IRCON/756/2020 , dt 28.12.2020</p> <p>(3) PIL/HO/VKP2/IRCON/014/2021 , dt 06.01.2021</p> <p>(4) PIL/HO/VKP2/IRCON/016/2021 , dt 08.01.2021</p> <p>(5) PIL/HO/VKP2/IRCON/040/2021 , dt 19.01.2021</p> <p>(6) PIL/HO/VKP2/IRCON/071/2021 , dt 30.01.2021</p> <p>(7) PIL/HO/VKP2/IRCON/094/2021 , dt 09.02.2021</p>	<p>(1) IRCON/3019/VKE/PATEL/1565 dt. 24.04.2020</p> <p>(2) IRCON/ 3019/VKE/ PATEL / 1003/ 2548, dt 08.01.2021 (Against PIL Letter no 756 & 681)</p> <p>(3) Approval not received FOR PIL Letter no 014</p> <p>(4) IRCON/ 3019/VKE/ PATEL / 1003/ 2571, dt 12.01.2021 (Against PIL Letter no 016)</p> <p>(5) IRCON/ 3019/VKE/ PATEL / 1003/ 2675, dt 02.02.2021 (Against PIL Letter no 040)</p>	(1) Approved vide letter no. 1565
---	--------------	---	---	---	---	---------	---	--	-----------------------------------

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

3	VOP	1	1	1	0	326+957	PIL/HO/VKP2/IRCON/ 604/2019 Dt. 28.08.2019 PIL/HO/VKP2/IRCON/ 031/2020 Dt. 17.01.2020 PIL/VK2/IRCON/895/ 2021 Dt. 23.02.2021 PIL/HO/VK2/IRCON/2 18/2021, Dt. 25.03.2021 (Replied of IRCON Letter no 2908)	IRCON/3019/VKE/PAT EL/2076 dt. 19.09.2020 IRCON/3019/VKE/PAT EL/1003/2908 dt. 17.03.2021	Found in order vide letter No 2076 (IRCON Letter NO 2908 _ To be view Letter for status)
	VOP	1	1	1	0	349+441	PIL/HO/VKP2/IRCON/ 342/2020 dt. 23.06.2020	IRCON/3019/VKE/PAT EL/1863 dt. 30.07.2020	Approved vide letter no. 1616
4	Minor Bridge	9	9	6	3	324+193	PIL/HO/VKP2/IRCON/ 765/2019 Dt. 17.12.2019	IRCON/3019/VKE/PAT EL/1400 dt. 29.02.2020	Approved by IRCON letter no. 1400 Found in Order Vide IRCON Office Letter No 2120, dt 28.09.2020
						329+062	PIL/HO/VKP2/IRCON/ 204/2019 dt. 09.04.2020	-	Approved by IE (A2 size Hard Copy submitted vide PIL/ VK2/ IRCON/ 667 / 2020, dt 29.09.2020)
						330+640	PIL/HO/VKE2/IRCON/ 249/2020 Dt. 12.05.2020 PIL/HO/VKE2/IRCON/ 316/2020 Dt. 12.06.2020	-	Under review With IE
						337+874	PIL/HO/VKP2/IRCON/ 205/2019 dt.	-	Approved by IE (A2 size Hard Copy submitted)

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

						09.04.2020		
					343+500	PIL/HO/VKE2/IRCON/ 302/2020 Dt. 02.06.2020	IRCON/3019/VKE/PAT EL/992 dt. 26.11.2019, IRCON/3019/VKE/PAT EL/1125 dt. 30.12.2019	Under review With IE
					346+743	R1 - PIL/HO/VKE2/IRCON/ 563/2019 Dt. 07.08.2019	IRCON/3019/VKE/PAT EL/1039 dt. 09.12.2019 (For GT)	Approved by IE (IRCON ltr. 882 dt. 09.10.2019)(A2 size Hard Copy submitted)
					350+143	(1) PIL/HO/VKE2/IRCON/ 326/2020 Dt. 19.06.2020 (2) Complied of IRCON Letter No 1817 vide PIL /HO /VKE2/ IRCON/ 556/ 2020 , dt 13.10.2020	(1) IRCON/3019/VKE/PAT EL/1817 dt. 16.07.2020	(1) Approved by IRCON letter no. 1817 dt. 16.07.2020, L type return wall with gap between the abutment & reuturn wall is not advisable.
					350+201	PIL/HO/VKE2/IRCON/ 180/2020 Dt. 20.03.2020	-	Under review With IE
					354+636	PIL/HO/VKE2/IE/787/ 2019 Dt. 24.12.2019 (GFC)	IRCON/3019/VKE/PAT EL/1751 dt. 30.06.2020	Approved via ltr. No. 1751 (With bearing comments)

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

5	Flyover	1	1	1	0	344+383	<p>(1) PIL/HO/VKP2/IRCON/222/2020 Dt. 24.04.2020 (2) complied for IRCON letter no. 2036 vide PIL/HO/VKP2/ IRCON/491/2020 Dt. 14.09.2020 (3) A2 Size GSC drawing submitted vide PIL Letter No. PIL/VK2/IRCON/ 688 /2020, DT. 14.10.2020</p>	<p>(1) IRCON/3019/VKE/PAT EL/2036 dt. 14.09.2020 (2) IRCON/3019/VKE/PAT EL/2068 dt. 18.09.2020 (Comments against PIL Letter No 491) (3) IRCON/3019/VKE/PAT EL/1003/ 2261 dt. 29.10.2020 (comments against PIL Letter No 491) (4) Observation also received vide Ircon letter No IRCON/3019/ VKE/ PATEL /1003/ 2316, dt 10.11.2020 against submission of A2 size GFC drawing vide PIL Letter No 688, dt. 14.10.2020</p>	<p>(1) Observation Received vide IRCON Letter No 2036, dt. 14.09.2020 (2) Found in Order vide letter No 2068, dt 18.09.2020 (3) Minor observations received over A2 size drawings Vide IRCON Letter No. 2316, dt. 10.11.2020 Comment is " Sectional Elevation of Abutment shall be modified"</p>
6	ROB	1	1	0	1	352+945	<p>PIL/HO/VKP2/IRCON/520/2019 Dt. 15.07.2019 & PIL/HO/VKP2/IRCON/579/2019 Dt. 17.08.2019</p>	-	<p>Under review With IE, Approved from IIT (BHU) and WR</p>

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

						ROB Abutment (A1) at Ch. 352+946.1 98	PIL/HO/VKP2/IRCON/ 426/2020, dt 06.08.2020	-	Submission of Detailed design & drawing of ROB Abutment RA 1 duly approved by Railway Department
7	VUP	5	5	5	0	330+402	PIL/HO/VKE2/IRCON/ 533/2019 Dt. 20.07.2019	IRCON/3019/VKE/PAT EL/853 dt. 27.09.2019 for bar No. 16	Approved by IRCON letter no. 853 dt. 27.09.2019
						331+822	PIL/HO/VKE2/IRCON/ 501/2019 Dt. 02.07.2019	IRCON letter no. 497 dt. 11.06.2019	Approved by IE (IRCON ltr. 831 dt. 18.09.2019)
						335+402	Submitted to IE-Ho By SES by mail of dt. 28.05.2019	-	Approved by IE (IRCON ltr. 657 dt. 19.07.2019)
						341+826	PIL/HO/VKE2/IRCON/ 501/2019 Dt. 02.07.2019	IRCON letter no. 497 dt. 11.06.2019	Approved by IE (IRCON ltr. 831 dt. 18.09.2019)
						351+284	PIL/HO/VKE2/IRCON/ 501/2019 Dt. 02.07.2019	IRCON letter no. 497 dt. 11.06.2019	Approved by IE (IRCON ltr. 831 dt. 18.09.2019)
8	LVUP	8	8	8	0	(02 Ch. 354+832, 343+856) (05 Ch. 325+769, 337+022, 341+600, 348+468, 351+810) 329+344 submitted	2 nos. submitted vide ltr no. 727 dt. 30.11.2019 5 nos. submitted vide ltr no. 725 dt. 29.11.2019	2 nos. Approved by IRCON Letter no. 758 dt. 23.08.2019 (343+877 & 354+855), IRCON ltr. No. 1744 dt. 29.06.2020 (325+769, 337+022, 341+600, 348+468, 351+810) IRCON ltr. No. 1750 dt. 30.06.2020 (354+832, 343+856)	2 nos. Approved by IRCON Letter no. 758 and 1744 dt. 23.08.2019 5 nos approved vide ltr. No. 1744 dt. 29.06.2020, (07 nos LVUP - A2 size Hard Copy submitted for stamping)

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

9	PUP/CUP	34	34	34	0	-	26 nos. submitted by letter no. 381 dated 28.05.2019, 4 nos. submitted by Mail on date 29.05.2019, 3 nos. by mail dt 26.05.2019, 1 nos. by mail dt. 28.05.2019	26 Nos. (IE letter no. 471 dt. 01.06.2019, IRCON letter no. 492 dt. 11.06.2019), 4 Nos. (IE letter no. 470 dt. 01.06.2019, IRCON letter no. 491 dt. 11.06.2019)	30 nos. Approved By IE (A2 size drawing stamped), 4 nos. Approved
10	Box Culvert	52	52	38	14	-	20 nos. bt letter no. 371 dt. 24.05.2019, 4 nos. by mail dt. 01.06.2019, 4 nos. by mai dt. 15.05.2019, 1 nos. by mail dt. 16.05.2019, 9 nos. by mail dt. 28.05.2019, 3 nos. by mail dt. 29.05.2019, 7 nos. by mail dt. 31.05.2019	20 nos.approved in M.O.M - 14.05.2019 to 17.05.2019	20 nos.approved in M.O.M - 14.05.2019 to 17.05.2019, other 30 are pending with IE
	Box Culvert					0+535 at VOP-349+441)	PIL/ VK2/ IRCON/ 652 / 2020, dt 22.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2195, dt. 14.10.2020	Foundation for retaining wall shall be placed at 2.0 m below the maximum scour level or from protected bed level as per CL : 705.2.1 of IRC : 78-2014

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

Box Culvert				0+909 at at VOP 326+957	(1) PIL / HO /VKP2 /IRCON / 525/ 2020 , dt 25.09.2020 (2) Complied of IRCON Letter No. 2172, vide PIL / HO / VKP2 /IRCON /549/ 2020 , dt 13.10.2020	(1) IRCON/ 3019/ VKE/ PATEL /1003/ 2172, dt 10.10.2020 (2) IRCON/ 3019/ VKE/ PATEL /1003/ 2220 , dt 21.10.2020	Approved Vide Letter NO 2220
Box Culvert				0+015 at Ramp-2 of IC 323+075	CH. Vide PIL/ VK2/ IRCON/ 665 / 2020, dt 28.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2232 , dt 26.10.2020	Approved Vide Letter NO 2232
Box Culvert				0+015 at Ramp-2 of IC 323+075	(1) PIL/HO/ VKP2/ IRCON/ 655/ 2020, dt 12.11.2020 (2) Complied of IRCON Letter No. 2371, Vide PIL Letter No : PIL/HO/VKP2/IRCON/ 713/2020, dt 07.12.2020	(1) IRCON/ 3019/ VKE/ PATEL /1003/ 2371 , dt 24.11.2020 (2) IRCON/ 3019/ VKE/ PATEL /1003/ 2473, dt.22.12.2020	Approved vide IRCON Letter 2473, dt 22.12.2020 IRCON / IE Have reviewed the submission of M/s PIL of design & drawings of precast box culverts were structurally found in order
Box Culvert				0+020 at Ramp-3 of IC 323+075	PIL/ VK2/ IRCON/ 665 / 2020, dt 28.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2232 , dt 26.10.2020	Approved Vide Letter NO 2232
Box Culvert				0+020 at Ramp-3 of IC 323+075	(1) PIL/HO/ VKP2/ IRCON/ 656/ 2020, dt 12.11.2020 (2) Complied of IRCON Letter No 2372, Vide PIL/ HO/ VKP2/ IRCON/	(1) IRCON/ 3019/ VKE/ PATEL /1003/ 2372 , dt 24.11.2020 (2) IRCON/ 3019/ VKE/ PATEL /1003/ 2473, dt.22.12.2020	Approved vide IRCON Letter 2473, dt 22.12.2020 IRCON / IE Have reviewed the submission of M/s PIL of design & drawings of precast box culverts were structurally found in order

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

						713/2020, dt 07.12.2020			
	Box Culvert					0+305 at Ramp-3 of IC 323+075	PIL/ VK2/ IRCON/ 665 / 2020, dt 28.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2232 , dt 26.10.2020	Approved Vide Letter NO 2232 Retainer or parapet reinforcement shall be referred to separate design & drawings as height is more than 3.0 m
	Box Culvert					0+305 at Ramp 3 of IC 323+075	(1) PIL /HO/ VKP2/ IRCON/ 644/ 2020 , dt 07.11.2020 (2) Complied of IRCON Letter No, 2370 vide PIL/ HO/ VKP2/ IRCON/ 713/ 2020, dt 07.12.2020 (3) Complied of IRCON Letter No. 2473 , vide PIL/ HO/ VKP2/ IRCON/ 066/ 2020, dt 29.01.2021	(1) IRCON/ 3019/ VKE/ PATEL /1003/ 2370 , dt 24.11.2020 (2) IRCON/ 3019/ VKE/ PATEL /1003/ 2473, dt.22.12.2020	Approved vide IRCON Letter 2473, dt 22.12.2020 IRCON / IE Have reviewed the submission of M/s PIL of design & drawings of precast box culverts were structurally found in order
	Box Culvert				CH. 0+346 at Ramp-2 of IC 323+075	PIL/ VK2/ IRCON/ 665 / 2020, dt 28.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2232 , dt 26.10.2020	Approved Vide Letter NO 2232	
	Box Culvert				CH. 0+346 at Ramp-2 of IC 323+075	(1) PIL /HO/ VKP2/ IRCON/ 737/ 2020, dt. 19.12.2020	IRCON/ 3019/ VKE/ PATEL / 1003/ 2530, dt. 04.01.2021	IRCON/ IE have reviewed the submission of M/s PIL design & Drawings of precast box culvert and Structurally it is found in order, However, the levels , validation at site shall be verified at site before execution.	

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

	Box Culvert				CH. 0+454 at Loop-2 of IC 353+666	PIL/ VK2/ IRCON/ 665 / 2020, dt 28.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2232 , dt 26.10.2020	Approved Vide Letter NO 2232
	Box Culvert				0+966 at Ramp-1 of IC 353+666	PIL/VK2/IRCON/ 669/ 2020 , dt 30.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2244 , dt 27.10.2020	Approved vide letter no 2473
	Box Culvert					(1) PIL/ Ho/ VKP2/ IRCON/ 629/ 2020 , dt 04.11.2020 (2) Complied of IRCON Letter No. 2407, vide PIL/ HO/ VKP2/ IRCON/ 713/ 2020, dt 07.12.2020	(1) IRCON/ 3019/ VKE/ PATEL /1003/ 2407, dt. 02.12.2020 (2) IRCON/ 3019/ VKE/ PATEL /1003/ 2473, dt.22.12.2020	Approved vide IRCON Letter 2473, dt 22.12.2020 IRCON / IE Have reviewed the submission of M/s PIL of design & drawings of precast box culverts were structurally found in order
	Box Culvert				0+684 at Ramp-2 of IC 353+666.	PIL/VK2/IRCON/ 669/ 2020 , dt 30.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2244 , dt 27.10.2020	Approved Vide Letter No 2244
	Box Culvert				0+384 at Loop-3 of IC 353+666	(1) PIL/VK2/IRCON/ 669/ 2020 , dt 30.09.2020 (2) PIL/HO/VKP2/IRCON/ 088/2021, dt 05.02.2021	IRCON/ 3019/ VKE/ PATEL /1003/ 2244 , dt 27.10.2020	Approved Vide Letter No 2244
	Box Culvert				0+820 at Ramp 2 of IC 353+666	PIL/HO/VKP2/IRCON/ 088/2021, dt 05.02.2021		
	Box Culvert				0+407 at Loop-2 of IC 353+666	PIL/VK2/IRCON/ 669/ 2020 , dt 30.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2244 , dt 27.10.2020	Approved Vide Letter No 2244

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

						0+560 & 0+640 at Interchange 353+666 (Loop 3 & Ramp 3)	(1) PIL/HO/VKP2/IRCON/ 648/2020, dt 10.11.2020 (2) Complied of IRCON Letter No 2385, Vide PIL/ HO/ VKP2/ IRCON/ 713/ 2020, dt 07.12.2020 (2) PIL/HO/VKP2/IRCON/ 091/2021, dt. 06.02.2021	(1) IRCON/ 3019/ VKE/ PATEL /1003/ 2385 , dt 26.11.2020 (2) IRCON/ 3019/ VKE/ PATEL /1003/ 2473, dt.22.12.2020	Approved vide IRCON Letter 2473, dt 22.12.2020 IRCON / IE Have reviewed the submission of M/s PIL of design & drawings of precast box culverts were structurally found in order
						0+186 at Interchange (Ramp 2) 353+666	(1) PIL/ HO/ VKP2/ IRCON/ 649/ 2020, dt 10.11.2020(2) Complied of IRCON Letter No. 2384 vide PIL/ HO/ VKP2/ IRCON/ 713/ 2020, dt 07.12.2020 (3) PIL/HO/VKP2/IRCON/ 091/2021, dt. 06.02.2021	(1) IRCON/ 3019/ VKE/ PATEL /1003/ 2384 , dt 26.11.2020(2) IRCON/ 3019/ VKE/ PATEL /1003/ 2473, dt.22.12.2020(3) Reply not Received	Approved vide IRCON Letter 2473, dt 22.12.2020 IRCON / IE Have reviewed the submission of M/s PIL of design & drawings of precast box culverts were structurally found in order
						0+582 at Interchange (Ramp 1) 353+666	(1) PIL/ HO/ VKP2/ IRCON/ 770/ 2020, dt 31.12.2020 (2) PIL/HO/VKP2/IRCON/ 091/2021, dt. 06.02.2021	(1) IRCON/ 3019/ VKE/ PATEL / 1003/ 2570, dt 12.01.2021 (2) Reply not Received	Found in Order vide IRCON Letter No. 2570, dt 12.01.2021 However, the levels, validation at site shall be verified at site before execution. Also, the provisions of safety measures for RE- walls (so that Water should not be in contact with RE walls) shall be verified before execution of work

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

	Precast Box Culvert					344+342 Utility Location	PIL/HO/VKP2/IRCON/ 747/2020, dt. 22.12.2020	IRCON/ 3019/ VKE/ PATEL / 1003/ 2529, dt 04.01.2021	IRCON/ IE have reviewed the submission of M/s PIL design & Drawings of precast box culvert and Structurally it is found in order , However, the levels, location & span as per Contract Agreement shall be validated at site, verified at site before execution.
	Precast Box Culvert					0+345 at Interchange (Ramp 4) 353+666	(1) PIL/HO/VKP2/IRCON/ 767/2020, dt. 30.12.2020 (2) PIL/HO/VKP2/IRCON/ 091/2021, dt. 06.02.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2572, dt 12.01.2021	Found in Order , However, the levels, validation at site shall be verified at site before execution. Also, the provisions of safety measures for RE- walls (so that Water should not be in contact with RE walls) shall be verified before execution of work
	widen Box Culvert					0+830 of VOP location 349+441	PIL/ VK2/ IRCON/ 951 / 2021, dt. 26.03.2021		
	Precast Box Culvert					344+440 Connecting Road	PIL/HO/VKP2/IRCON/ 075/2021, dt. 30.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2779, dt. 10.03.2021	IRCON/ IE have reviewed the submission of M/s PIL Design and Drawing of Precast Box Culvert at Ch. KM. 344+340 (Connecting Road) and it is structurally found in Order.
	Box Culvert					343+883 GWSSB crossing	PIL/ VK2/ IRCON/ 921 / 2021, dt. 10.03.2021		

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

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	Approved in MOM (A2 size drawing submitted to IE for stamping)
		157	157	139	18				

VIII. Weather report for the month of March 2021

MONTHLY WEATHER REPORT FOR THE MONTH OF March 2021

S. No.	DATE	TEMPRATURE (° C)		HUMIDITY (%)		RAINFALL (mm)	CUMM. RAINFALL (mm)	WEATHER	REMARKS
		Min.	Max.	Min.	Max.				
1	01-Mar-21	19.40	33.40	26.00	71.00	-	-	Sunny	
2	02-Mar-21	19.40	33.70	25.00	66.00	-	-	Sunny	
3	03-Mar-21	21.10	34.30	25.00	66.00	-	-	Sunny	
4	04-Mar-21	21.90	33.80	23.00	59.00	-	-	Sunny	
5	05-Mar-21	22.50	34.40	20.00	65.00	-	-	Sunny	
6	06-Mar-21	22.70	34.90	20.00	67.00	-	-	Sunny	
7	07-Mar-21	22.50	34.40	10.00	61.00	-	-	Sunny	
8	08-Mar-21	22.30	34.50	10.00	69.00	-	-	Sunny	
9	09-Mar-21	22.60	34.40	10.00	67.00	-	-	Sunny	
10	10-Mar-21	22.20	34.20	15.00	65.00	-	-	Sunny	
11	11-Mar-21	22.90	33.80	24.00	70.00	-	-	Sunny	
12	12-Mar-21	22.80	32.90	21.00	63.00	-	-	Sunny	
13	13-Mar-21	22.60	34.20	10.00	59.00	-	-	Sunny	
14	14-Mar-21	22.50	33.80	13.00	62.00	-	-	Sunny	
15	15-Mar-21	22.90	33.90	15.00	69.00	-	-	Sunny	
16	16-Mar-21	22.60	34.20	10.00	65.00	-	-	Sunny	
17	17-Mar-21	22.80	33.80	20.00	59.00	-	-	Sunny	
18	18-Mar-21	23.10	35.20	18.00	68.00	-	-	Sunny	
19	19-Mar-21	22.90	35.40	10.00	66.00	-	-	Sunny	
20	20-Mar-21	23.20	35.60	15.00	67.00	-	-	Sunny	

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

21	21-Mar-21	25.10	35.50	22.00	67.00	-	-	Sunny	
22	22-Mar-21	23.60	35.00	22.00	68.00	-	-	Sunny	
23	23-Mar-21	23.60	35.80	24.00	73.00	-	-	Sunny	
24	24-Mar-21	24.60	35.40	20.00	61.00	-	-	Sunny	
25	25-Mar-21	23.80	34.80	10.00	56.00	-	-	Sunny	
26	26-Mar-21	23.80	36.00	13.00	61.00	-	-	Sunny	
27	27-Mar-21	23.50	36.90	22.00	63.00	-	-	Sunny	
28	28-Mar-21	23.10	35.90	29.00	67.00	-	-	Sunny	
29	29-Mar-21	23.80	37.00	37.00	66.00	-	-	Sunny	
30	30-Mar-21	27.20	36.80	32.00	76.00	-	-	Sunny	
31	31-Mar-21	27.70	37.10	35.00	76.00	-	-	Sunny	
Cumulative Rainfall Till Date								mm	

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

IX. Status of RFI

MONTH :- March - 2021.

Sr.No.	Total RFI	Approved RFI	RFI Re-submitted after corrections suggested	Remarks
<u>Highway</u>				
1	1228	993	235	
<u>Structure</u>				
2	690	636	54	
<u>Laboratory (QA/QC)</u>				
3	49	36	13	
<u>Survey</u>				
4	2	2	0	

IRCON VADODRA KIM EXPRESSWAY LIMITED

Construction of Eight Lane Vadodara Kim Expressway from Km. 323+000 to Km. 355+000 (Sanpa to Padra section of Vadodara Mumbai Expressway) in the State of Gujarat under NHDP Phase - VI on HAM Mode Project.

Item No.	Description	Unit	Quantity	SOR Item No. (year 2015-2016)	SOR Rate(Rs) including Lead (year 2015-2016)	Amount(Rs)	Physical Progress Quantity Km/No	Rate in Rs.	Weightage in percentage to the Contract Price	Qty in Nos/km/m	Qty in cum/sqm/m	Amount (Rs.)	Physical Progress%	Physical Progress (Progressive) %
1	2	3	4	5	8 = 6+7	9 = 4x8	10	11 = 9/10	12	14a (Actual Qty. to be input here)	14 (=14a*4/10)	15	16	17
1	Earth Work upto Top of Subgrade													
1.1	Clearing and grubbing of -MCW	Hec	224.46	2.3 (ii) A	22,950.00	51,51,409.92	30.52	1,68,789	0.045%	30.40	223.58	5131195.21	0.05%	19.92%
1.2	Carrying out Jungle Cutting/ removal of debris / dismantling of Concrete Structure / Dismantling of existing road / Removal of any Physical item	M2	-	Lunsum										
1.3	Earth work in excavation necessary	Cu.m.	95,697.59	3.6	30.00	28,70,927.64	30.52	94,068	0.025%	30.40	95,322.06	2859661.80	0.03%	
1.4	Construction of embankment - MCW Height upto 1 Mtr	Cu.m.	28,00,477.02	RA	223.10	62,47,86,422.61	30.52	2,04,71,536	5.517%	30.40	27,89,487.63	622334690.06	5.50%	
1.5	Construction of embankment - MCW Height 1 mtr to 2 Mtr	Cu.m.	23,33,656.39	RA	223.10	52,06,38,741.70	30.52	1,70,59,069	4.597%	30.40	23,24,498.86	518595696.42	4.58%	
1.6	Construction of embankment - MCW Height 2 mtr to 3 Mtr	Cu.m.	18,66,835.77	RA	223.10	41,64,91,060.79	30.52	1,36,46,602	3.678%	30.40	18,59,510.10	414856702.78	3.66%	
1.7	Construction of embankment - MCW Height 3 mtr to Emb top Bottom	Cu.m.	14,00,461.87	RA	223.10	31,24,43,042.73	30.52	1,02,37,401	2.759%	30.20	13,85,788.89	309169500.77	2.73%	
1.8	Construction of embankment - MCW Embankment Top	Cu.m.	9,33,641.25	RA	223.10	20,82,95,361.82	30.52	68,24,934	1.839%	29.20	8,93,267.89	199288066.72	1.76%	
1.9	Construction of Sub grade - MCW	Cu.m.	8,51,218.89	RA	245.10	20,86,33,750.64	30.52	68,36,021	1.842%	26.80	7,47,471.94	183205371.45	1.62%	
1	Total EarthWork upto Top of Subgrade					2,29,93,10,717.85								
2	Grannular Sub Base Courses and Base Courses													
2.1	Constructing Grannular Sub-base	Cu.m.	2,76,822.05	4.1-A-(i)	1,332.00	36,87,26,967.47	30.52	1,20,81,580	3.256%	25.80	2,34,012.59	311704771.78	2.75%	2.75%
2	Grannular Sub Base Courses and Base Courses					36,87,26,967.47								
3	Shoulders													
3.1	Earthwork in filling of median / island area	Cu.m.	94,271.87	3.16	143.00	1,34,80,877.62	30.52	4,41,710	0.119%	18.00	55,599.83	7950775.93	0.07%	0.40%
3.2	Construction of modified Earthen / un paved shoulders	Cu.m.	44,517.27	3.16	143.00	63,65,969.99	30.52	2,08,585	0.056%	17.00	24,796.84	3545947.91	0.03%	
3.3	Providing min 200 mm dia NP4 pipes along the road in 2 Rows in shoulder	LM	60,788.77		1,000.00	6,07,88,772.23	30.52	19,91,784	0.537%	17.00	33,860.33	33860326.11	0.30%	
3	Total Shoulders					8,06,35,619.84								
4	Rigid Pavement													
4.01	Providing xxx mm thick DLC (M15) for CW	Cum	2,11,885.21	6.1	2,347.00	49,72,94,596.62	30.52	1,62,94,183	4.391%	25.20	1,74,952.45	410613405.97	3.63%	3.63%
4.02	Providing xxx mm thick PQC for CW	Cum	3,79,880.04	6.2	6,413.00	2,43,61,70,669.22	30.52	7,98,22,726	21.512%	20.60	2,56,408.57	1644348148.64	14.52%	14.52%
4	Total Rigid Pavement					2,93,34,65,265.84								
5	Pipe Culverts													
5.01	Culvert Excavation	Cum	9,197.48	12.1 -(I) A	97.00	8,92,155.55	42.00	21,242	0.008%	42.00	9,197.48	892155.55	0.01%	0.37%
5.02	Culvert PCC M15 grade	Cum	305.94	12.8 D (ii)	4,539.00	13,88,655.22	42.00	33,063	0.012%	42.00	305.94	1388655.22	0.01%	
5.03	Providing , laying and jointing NP4 (as per IS:458) Hume pipes for culverts, - Dia 1200 mm (Internal)	LM	6,861.30	9.2 B	6,149.00	4,21,90,154.03	42.00	10,04,527	0.373%	42.00	6,861.30	42190154.03	0.37%	
5.04	Finishing Work (10% cost of overall work)			10 % progress shall be deducted for Mi		1,05,883.25	42.00			-22.00		-2329431.49	-0.02%	
5a	Total Pipe Culverts					4,44,70,964.80								
5a	Box Culverts													
5.01a	Culvert Excavation	Cum	51,243.10	12.1 -(I) A	97.00	49,70,580.90	52.00	95,588	0.044%	36.00	35,475.99	3441171.39	0.03%	2.54%
5.02a	Culvert PCC M15 grade	Cum	9,756.04	12.8 D (ii)	4,539.00	4,42,82,671.94	52.00	8,51,590	0.391%	36.00	6,754.18	30657234.42	0.27%	
5.03a	Foundation RCC M 30 - Culvert	Cum	14,149.18	12.8.G. case II	4,508.00	6,37,84,522.81	52.00	12,26,625	0.563%	36.00	9,795.59	44158515.79	0.39%	
5.04a	HYSD bar in Foundation-Culvert	MT	1,311.40	12.40	53,493.00	7,01,50,492.80	52.00	13,49,048	0.619%	36.00	907.89	48565725.78	0.43%	
5.05a	Substructure RCC M 30 - Culvert	Cum	14,966.54	13.5.G(q). case II	4,904.00	7,33,95,889.26	52.00	14,11,459	0.648%	36.00	10,361.45	50812538.72	0.45%	
5.06a	HYSD bar in Substructure-Culvert	MT	1,437.63	13.6	53,658.00	7,71,40,577.49	52.00	14,83,473	0.681%	36.00	995.29	53405015.18	0.47%	
5.07a	Super Structure RCC M 30 - Culvert	Cum	7,425.09	14.1.C. case II (r)	5,514.00	4,09,41,924.62	52.00	7,87,345	0.362%	36.00	5,140.44	28344409.35	0.25%	
5.08a	HYSD bar in Super Structure-Culvert	MT	756.39	14.2	54,788.00	4,14,41,216.38	52.00	7,96,946	0.366%	36.00	523.66	28690072.88	0.25%	
5.09a	Finishing Work (10% cost of overall work)	Nos.		10 % progress shall be deducted for Mi		1,58,429.12	52.00			-0.25		-39607.28	0.00%	
5b	Total Box Culverts					41,61,07,876.20								

Construction of Eight Lane Vadodara Kim Expressway from Km. 323+000 to Km. 355+000 (Sanpa to Padra section of Vadodara Mumbai Expressway) in the State of Gujarat under NHDP Phase - VI on HAM Mode Project.

Item No.	Description	Unit	Quantity	SOR Item No. (year 2015-2016)	SOR Rate(Rs) including Lead (year 2015-2016)	Amount(Rs)	Physical Progress Quantity Km/No	Rate in Rs.	Weightage in percentage to the Contract Price	Qty in Nos/km/m	Qty in cum/sqm/m	Amount (Rs.)	Physical Progress%	Physical Progress (Progressive) %
1	2	3	4	5	8 = 6+7	9 = 4x8	10	11 = 9/10	12	14a (Actual Qty. to be input here)	14 (=14a*4/10)	15	16	17
6A	Bill No: 6A Minor Bridges													
6A,01	Structure excavation Ordinary and soft Soils - MNBR	Cum	1,10,369.76	12.1 -(I) A	97.00	1,07,05,866.55	30.00	3,56,862	0.095%	30.00	1,10,369.76	10705866.55	0.09%	3.52%
6A,02	MNBR - PCC M15 grade	Cum	3,637.27	12.8 D (ii)	4,539.00	1,65,09,567.59	30.00	5,50,319	0.146%	30.00	3,637.27	16509567.59	0.15%	
6A,03	MNBR - RCC M35 - Foundation	Cum	22,118.80	12.8.H Case II	4,588.00	10,14,81,050.97	30.00	33,82,702	0.896%	30.00	22,118.80	101481050.97	0.90%	
6A,04	HYSD bar reinforcement - Foundation	Mt	3,509.50	12.40	53,493.00	18,77,33,703.14	343.00	5,47,329	1.658%	343.00	3,509.50	187733703.14	1.66%	
6A,05	MNBR - RCC M35 Pile Cap	Cum	4,171.46	12.38.D.(ii)	4,668.00	1,94,72,378.78	20.00	9,73,619	0.172%	20.00	4,171.46	19472378.78	0.17%	
6A,06	MNBR - RCC M35 1.2m dia piles	Rm	6,238.90	12.25	10,003.60	6,24,11,470.46	313.00	1,99,398	0.551%	313.00	6,238.90	62411470.46	0.55%	
6A,07	MNBR - RCC M35- Substructure Abutment	Cum	11,845.22	13.5.H.(p). case II	5,153.00	6,10,38,418.11	36.00	16,95,512	0.539%	36.00	11,845.22	61038418.11	0.54%	1.45%
6A,08	HYSD bar reinforcement - substructure Abutment	Mt	1,293.41	13.6	53,658.00	6,94,01,555.15	36.00	19,27,821	0.613%	36.00	1,293.41	69401555.15	0.61%	
6A,09	MNBR - RCC M35 - Abutment Cap	Cum	2,858.36	13.5.H.(p). case II	5,153.00	1,47,29,107.03	24.00	6,13,713	0.130%	24.00	2,858.36	14729107.03	0.13%	
6A,10	HYSD bar reinforcement - Abutment cap	Mt	358.25	13.6	53,658.00	1,92,22,732.90	24.00	8,00,947	0.170%	24.00	358.25	19222732.90	0.17%	
6A,11	RCC M35 - RCC Girder	Cum	76.46	14.01 D Case-1(ii)r	6,530.00	4,99,291.76	64.00	7,801	0.004%	64.00	76.46	499291.76	0.00%	0.79%
6A,12	PSC M45 - PSC Girder	Cum	1,729.60	14.01 F Case-1(ii)r	6,423.00	1,11,09,241.74	162.00	68,576	0.098%	162.00	1,729.60	11109241.74	0.10%	
6A,13	PSC M50 - PSC Girder	Cum	1,351.70	14.01 G Case-1(i)r	7,757.00	1,04,85,127.04	28.00	3,74,469	0.093%	28.00	1,351.70	10485127.04	0.09%	
6A,14	HYSD bar reinforcement - Super structure Girder	Mt	549.07	14.2	54,788.00	3,00,82,328.76	254.00	1,18,434	0.266%	254.00	549.07	30082328.76	0.27%	
6A,15	HT Steel for PSC Girder	Mt	184.77	14.3	1,44,570.00	2,67,12,109.36	190.00	1,40,590	0.236%	155.00	150.73	21791457.63	0.19%	
6A,16	RCC M35 - SLAB	Cum	3,402.52	14.01 D Case-1(ii)r	6,530.00	2,22,18,483.48	18.00	12,34,360	0.196%	6.00	1,134.17	7406161.16	0.07%	
6A,17	HYSD bar reinforcement - SLAB	Mt	505.78	14.2	54,788.00	2,77,10,692.88	18.00	15,39,483	0.245%	6.00	168.59	9236897.63	0.08%	
6A,18	Finishing Work (10% cost of overall work)	Nos.	-	10 % progress shall be deducted for Mi		2,77,384.31	18.00			-6.00		-1664305.88	-0.01%	
6A	Total Bill No: 6A Minor Bridges					69,15,23,125.70								
6B	Bill No. 6B : PUP													
6B,01	Structure excavation Ordinary and soft Soils - PUP	Cum	1,07,741.91	12.1 -(I) A	97.00	1,04,50,964.97	34.00	3,07,381	0.092%	34.00	1,07,741.91	10450964.97	0.09%	3.11%
6B,02	PUP - PCC M15 grade Levelling course	Cum	6,322.73	12.8 D (ii)	4,539.00	2,86,98,874.50	34.00	8,44,085	0.253%	34.00	6,322.73	28698874.50	0.25%	
6B,03	PUP - RCC M35 Raft	Cum	31,477.80	12.8.H Case II	4,588.00	14,44,20,142.64	34.00	42,47,651	1.275%	34.00	31,477.80	144420142.64	1.28%	
6B,04	HYSD bar reinforcement - RAFT	Mt	3,147.44	13.6	53,658.00	16,88,85,439.06	34.00	49,67,219	1.491%	34.00	3,147.44	168885439.06	1.49%	
6B,05	PUP RCC M35 Wall	Cum	13,104.83	13.5.H.(p). case II	5,153.00	6,75,29,211.04	68.00	9,93,077	0.596%	68.00	13,104.83	67529211.04	0.60%	1.23%
6B,06	HYSD bar reinforcement - Wall	Mt	1,309.69	13.6	53,658.00	7,02,75,315.74	68.00	10,33,461	0.621%	68.00	1,309.69	70275315.74	0.62%	
6B,07	PUP - RCC M35 - TOP Slab	Cum	11,717.68	14.01 D Case-1(ii)r	6,530.00	7,65,16,462.78	34.00	22,50,484	0.676%	34.00	11,717.68	76516462.78	0.68%	1.21%
6B,08	HYSD bar reinforcement - TOP Slab	Mt	1,171.04	14.2	54,788.00	6,41,58,991.63	34.00	18,87,029	0.567%	34.00	1,171.04	64158991.63	0.57%	
6B,09	Finishing Work (10% cost of overall work)	Nos	-	10 % progress shall be deducted for Mi		4,13,751.34	34.00			-8.00		-3310010.69	-0.03%	
6B	TOTAL Bill No. 6B : PUP					63,09,35,402.36								
6C	Bill No. 6C : VUP													
6C,01	Structure excavation Ordinary and soft Soils - VUP	Cum	19,708.89	12.1 -(I) A	97.00	19,11,761.88	5.00	3,82,352	0.017%	5.00	19,708.89	1911761.88	0.02%	0.55%
6C,02	VUP - PCC M15 grade - Levelling course	Cum	1,053.79	12.8 D (ii)	4,539.00	47,83,145.75	5.00	9,56,629	0.042%	5.00	1,053.79	4783145.75	0.04%	
6C,03	VUP - RCC M35 - Raft	Cum	5,577.31	12.8.H Case II	4,588.00	2,55,88,702.89	5.00	51,17,741	0.226%	5.00	5,577.31	25588702.89	0.23%	
6C,04	HYSD bar reinforcement - Raft	Mt	558.30	13.6	53,658.00	2,99,57,505.82	5.00	59,91,501	0.265%	5.00	558.30	29957505.82	0.26%	
6C,05	VUP - RCC M35 - WALL	Cum	4,117.97	13.5.H.(p). case II	5,153.00	2,12,19,899.96	10.00	21,21,990	0.187%	10.00	4,117.97	21219899.96	0.19%	0.3825%
6C,06	HYSD bar reinforcement - WALL	Mt	411.75	13.6	53,658.00	2,20,93,660.54	10.00	22,09,366	0.195%	10.00	411.75	22093660.54	0.20%	
6C,07	RCC M35 - TOP SLAB	Cum	1,490.99	14.01 D Case-1(ii)r	6,530.00	97,36,189.39	5.00	19,47,238	0.086%	5.00	1,490.99	9736189.39	0.09%	0.15%
6C,08	HYSD bar reinforcement - TOP Slab	Mt	148.09	14.2	54,788.00	81,13,491.16	5.00	16,22,698	0.072%	5.00	148.09	8113491.16	0.07%	
6C,09	Finishing Work (10% cost of overall work)	Nos.	-	10 % progress shall be deducted for Mi		3,56,993.61	5.00			-2.00		-713987.22	-0.01%	
6C	TOTAL TOTAL Bill No. 6C : VUP					12,34,04,357.39								
6D	Bill No. 6D : LVUP													

Construction of Eight Lane Vadodara Kim Expressway from Km. 323+000 to Km. 355+000 (Sanpa to Padra section of Vadodara Mumbai Expressway) in the State of Gujarat under NHDP Phase - VI on HAM Mode Project.

Item No.	Description	Unit	Quantity	SOR Item No. (year 2015-2016)	SOR Rate(Rs) including Lead (year 2015-2016)	Amount(Rs)	Physical Progress Quantity Km/No	Rate in Rs.	Weightage in percentage to the Contract Price	Qty in Nos/km/m	Qty in cum/sqm/m	Amount (Rs.)	Physical Progress%	Physical Progress (Progressive) %
1	2	3	4	5	8 = 6+7	9 = 4x8	10	11 = 9/10	12	14a (Actual Qty. to be input here)	14 (=14a*4/10)	15	16	17
6D,01	Structure excavation Ordinary and soft Soils - LVUP	Cum	23,650.66	12.1 -(I) A	97.00	22,94,114.26	8.00	2,86,764	0.020%	8.00	23,650.66	2294114.26	0.02%	0.69%
6D,02	LVUP - PCC M15 grade levelling course	Cum	1,359.73	12.8 D (ii)	4,539.00	61,71,800.97	8.00	7,71,475	0.054%	8.00	1,359.73	6171800.97	0.05%	
6D,03	LVUP - RCC M35 Raft	Cum	6,937.63	12.8.H Case II	4,588.00	3,18,29,849.93	8.00	39,78,731	0.281%	8.00	6,937.63	31829849.93	0.28%	
6D,04	HYSD bar reinforcement - Raft	Mt	695.55	13.6	53,658.00	3,73,22,059.33	8.00	46,65,257	0.330%	8.00	695.55	37322059.33	0.33%	
6D,05	LVUP - RCC M35 - Wall	Cum	4,021.08	13.5.H.(p). case II	5,153.00	2,07,20,608.19	16.00	12,95,038	0.183%	16.00	4,021.08	20720608.19	0.18%	0.37%
6D,06	HYSD bar reinforcement - WALL	Mt	402.44	13.6	53,658.00	2,15,94,368.78	16.00	13,49,648	0.191%	16.00	402.44	21594368.78	0.19%	
6D,07	LVUP - RCC M35 - Top Slab	Cum	1,815.95	14.01 D Case-1(ii)r	6,530.00	1,18,58,179.39	8.00	14,82,272	0.105%	8.00	1,815.95	11858179.39	0.10%	0.19%
6D,08	HYSD bar reinforcement - TOP Slab	Mt	179.98	14.2	54,788.00	98,61,012.33	8.00	12,32,627	0.087%	8.00	179.98	9861012.33	0.09%	
6D,09	Finishing Work (10% cost of overall work)	Nos	-	10 % progress shall be deducted for Mi		2,71,489.90	8.00			-2.00		-542979.79	0.00%	
6D	TOTAL Bill No. 6D : LVUP					14,16,51,993.18								
6E	Bill No. 6E : VOP													
6E,01	Structure Excavation for foundation of VOP	Cum	2,627.85	12.1 -(I) A	97.00	2,54,901.58	6.00	42,484	0.002%	6.00	2,627.85	254901.58	0.00%	0.28%
6E,02	Foundation PCC M15 grade for levelling course	Cum	101.98	12.8 D (ii)	4,539.00	4,62,885.07	6.00	77,148	0.004%	6.00	101.98	462885.07	0.00%	
6E,03	RCC M35 - Foundation	Cum	544.13	12.8.H Case II	4,588.00	24,96,458.82	6.00	4,16,076	0.022%	6.00	544.13	2496458.82	0.02%	
6E,04	HYSD bar reinforcement - Foundation	Mt	267.52	13.6	53,658.00	1,43,54,638.21	41.00	3,50,113	0.127%	41.00	267.52	14354638.21	0.13%	
6E,05	RCC M35 Pile Cap	Cum	641.76	12.38.D.(ii)	4,668.00	29,95,750.58	6.00	4,99,292	0.026%	6.00	641.76	2995750.58	0.03%	
6E,06	RCC M35 1.2m dia piles	Rm	1,135.48	12.25	10,003.60	1,13,58,887.62	35.00	3,24,540	0.100%	35.00	1,135.48	11358887.62	0.10%	
6E,07	RCC M35 - ABUTMENT/Return Wall	Cum	145.34	13.5.H.(p). case II	5,153.00	7,48,937.65	4.00	1,87,234	0.007%	4.00	145.34	748937.65	0.01%	0.05%
6E,08	HYSD bar reinforcement - ABUTMENT/Return Wall	Mt	18.61	13.6	53,658.00	9,98,583.53	4.00	2,49,646	0.009%	4.00	18.61	998583.53	0.01%	
6E,09	RCC M35 - ABUTMENT CAP	Cum	121.12	13.5.H.(p). case II	5,153.00	6,24,114.70	4.00	1,56,029	0.006%	4.00	121.12	624114.70	0.01%	
6E,10	HYSD bar reinforcement - ABUTMENT CAP	Mt	18.61	13.6	53,658.00	9,98,583.53	4.00	2,49,646	0.009%	4.00	18.61	998583.53	0.01%	
6E,11	RCC M35 - PIER	Cum	72.67	13.5.H.(p). case II	5,153.00	3,74,468.82	2.00	1,87,234	0.003%	2.00	72.67	374468.82	0.00%	
6E,12	HYSD bar reinforcement - PIER	Mt	9.31	13.6	53,658.00	4,99,291.76	2.00	2,49,646	0.004%	2.00	9.31	499291.76	0.00%	
6E,13	RCC M35 - PIER CAP	Cum	121.12	13.5.H.(p). case II	5,153.00	6,24,114.70	2.00	3,12,057	0.006%	2.00	121.12	624114.70	0.01%	
6E,14	HYSD bar reinforcement -PIER CAP	Mt	18.61	13.6	53,658.00	9,98,583.53	2.00	4,99,292	0.009%	2.00	18.61	998583.53	0.01%	
6E,15	HYSD bar reinforcement - Super structure Girder	Mt	159.48	14.2	54,788.00	87,37,605.86	16.00	5,46,100	0.077%	8.00	79.74	4368802.93	0.04%	0.07%
6E,16	HT Steel for PSC - Girder	Mt	56.12	14.3	1,44,570.00	81,13,491.16	16.00	5,07,093	0.072%	8.00	28.06	4056745.58	0.04%	
6E,17	PSC M50 / Steel Girder & Slab	Cum	933.32	14.01 G Case-1(i)r	7,757.00	72,39,730.57	16.00	4,52,483	0.064%	0.00	-	0.00	0.00%	
6E,18	Finishing Work (10% cost of overall work)	Nos	-	10 % progress shall be deducted for Mi		3,83,830.54	4.00			0.00		0.00	0.00%	
6E	Total Bill No. 6E : VOP					6,18,81,027.69								
6F	Bill No: 6F Flyover													
6F,01	Structure excavation Ordinary and soft Soils - Flyover	Cum	2,627.85	12.1 -(I) A	97.00	2,54,901.58	8.00	31,863	0.002%	8.00	2,627.85	254901.58	0.00%	0.63%
6F,02	Flyover - PCC M15 grade - levelling course under fdn.	Cum	101.98	12.8 D (ii)	4,539.00	4,62,885.07	8.00	57,861	0.004%	8.00	101.98	462885.07	0.00%	
6F,03	HYSD bar reinforcement - Foundation	Mt	602.50	13.6	53,658.00	3,23,29,141.70	100.00	3,23,291	0.285%	100.00	602.50	32329141.70	0.29%	
6F,04	RCC M35 Pile Cap	Cum	1,925.29	12.38.D.(ii)	4,668.00	89,87,251.75	8.00	11,23,406	0.079%	8.00	1,925.29	8987251.75	0.08%	
6F,05	RCC M35 1.2m dia piles	Rm	2,907.33	12.25	10,003.60	2,90,83,745.23	92.00	3,16,128	0.257%	92.00	2,907.33	29083745.23	0.26%	
6F,06	RCC M35 - ABUTMENT	Cum	436.02	13.5.H.(p). case II	5,153.00	22,46,812.94	4.00	5,61,703	0.020%	4.00	436.02	2246812.94	0.02%	0.19%
6F,07	HYSD bar reinforcement - ABUTMENT	Mt	51.18	13.6	53,658.00	27,46,104.70	4.00	6,86,526	0.024%	4.00	51.18	2746104.70	0.02%	
6F,08	RCC M35 - ABUTMENT CAP	Cum	363.35	13.5.H.(p). case II	5,153.00	18,72,344.11	4.00	4,68,086	0.017%	4.00	363.35	1872344.11	0.02%	
6F,09	HYSD bar reinforcement - Abutment cap	Mt	60.48	13.6	53,658.00	32,45,396.46	4.00	8,11,349	0.029%	4.00	60.48	3245396.46	0.03%	
6F,10	RCC M35 - Pier Substructure	Cum	387.57	13.5.H.(p). case II	5,153.00	19,97,167.05	4.00	4,99,292	0.018%	4.00	387.57	1997167.05	0.02%	

Construction of Eight Lane Vadodara Kim Expressway from Km. 323+000 to Km. 355+000 (Sanpa to Padra section of Vadodara Mumbai Expressway) in the State of Gujarat under NHDP Phase - VI on HAM Mode Project.

Item No.	Description	Unit	Quantity	SOR Item No. (year 2015-2016)	SOR Rate(Rs) including Lead (year 2015-2016)	Amount(Rs)	Physical Progress Quantity Km/No	Rate in Rs.	Weightage in percentage to the Contract Price	Qty in Nos/km/m	Qty in cum/sqm/m	Amount (Rs.)	Physical Progress%	Physical Progress (Progressive) %
1	2	3	4	5	8 = 6+7	9 = 4x8	10	11 = 9/10	12	14a (Actual Qty. to be input here)	14 (=14a*4/10)	15	16	17
6F,11	HYSB bar reinforcement - Pier Substructure	Mt	58.16	13.6	53,658.00	31,20,573.52	4.00	7,80,143	0.028%	4.00	58.16	3120573.52	0.03%	0.19%
6F,12	RCC M35 - Pier CAP	Cum	460.24	13.5.H.(p). case II	5,153.00	23,71,635.88	4.00	5,92,909	0.021%	4.00	460.24	2371635.88	0.02%	
6F,13	HYSB bar reinforcement - Pier CAP	Mt	76.77	13.6	53,658.00	41,19,157.05	4.00	10,29,789	0.036%	4.00	76.77	4119157.05	0.04%	
6F,14	RCC M35 - RCC Girder	Cum	420.54	14.01 D Case-1(ii)r	6,530.00	27,46,104.70	28.00	98,075	0.024%	28.00	420.54	2746104.70	0.02%	
6F,15	PSC M45/M50 - Girder	Cum	514.93	14.01 G Case-1(i)r	7,757.00	39,94,334.11	14.00	2,85,310	0.035%	14.00	514.93	3994334.11	0.04%	
6F,16	HYSB bar reinforcement - Girder	Mt	182.26	14.2	54,788.00	99,85,835.27	42.00	2,37,758	0.088%	42.00	182.26	9985835.27	0.09%	
6F,17	HT Steel for PSC - Girder	Mt	31.08	14.3	1,44,570.00	44,93,625.87	14.00	3,20,973	0.040%	14.00	31.08	4493625.87	0.04%	
6F,18	RCC M35 - SLAB	Cum	821.96	14.01 D Case-1(ii)r	6,530.00	53,67,386.46	6.00	8,94,564	0.047%	0.00	-	0.00	0.00%	
6F,19	HYSB bar reinforcement - SLAB	Mt	129.86	14.2	54,788.00	71,14,907.63	6.00	11,85,818	0.063%	0.00	-	0.00	0.00%	
6F,20	Finishing Work (10% cost of overall work)	Nos		10 % progress shall be deducted for Mi		2,08,038.23	6.00			0.00		0.00	0.00%	
6F	Total Bill No: 6F Flyover					12,65,39,311.08								
6G	Bill No: 6G Major Bridges													
6G,01	Structure excavation Ordinary and soft Soils - MJB	Cum	7,883.55	12.1 -(I) A	97.00	7,64,704.75	14.00	54,622	0.007%	14.00	7,883.55	764704.75	0.01%	1.68%
6G,02	Major Bridge PCC M15 grade - Levelling course	Cum	305.94	12.8 D (ii)	4,539.00	13,88,655.22	14.00	99,190	0.012%	14.00	305.94	1388655.22	0.01%	
6G,03	HYSB bar reinforcement - Foundation	Mt	1,770.29	13.6	53,658.00	9,49,90,258.04	242.00	3,92,522	0.839%	242.00	1,770.29	94990258.04	0.84%	
6G,04	RCC M35 Pile Cap	Cum	3,716.88	12.38.D.(ii)	4,668.00	1,73,50,388.79	14.00	12,39,313	0.153%	14.00	3,716.88	17350388.79	0.15%	
6G,05	RCC M35 1.2m dia piles	Rm	7,736.24	12.25	10,003.60	7,73,90,223.37	228.00	3,39,431	0.683%	228.00	7,736.24	77390223.37	0.68%	
6G,06	RCC M35 - Abutment substructure	Cum	1,114.27	13.5.H.(p). case II	5,153.00	57,41,855.28	4.00	14,35,464	0.051%	4.00	1,114.27	5741855.28	0.05%	0.49%
6G,07	HYSB bar reinforcement - Abutment Substructure	Mt	141.90	13.6	53,658.00	76,14,199.40	4.00	19,03,550	0.067%	4.00	141.90	7614199.40	0.07%	
6G,08	RCC M35 - ABUTMENT CAP	Cum	193.79	13.5.H.(p). case II	5,153.00	9,98,583.53	4.00	2,49,646	0.009%	0.00	-	0.00	0.00%	
6G,09	HYSB bar reinforcement - ABUTMENT CAP	Mt	27.92	13.6	53,658.00	14,97,875.29	4.00	3,74,469	0.013%	0.00	-	0.00	0.00%	
6G,10	RCC M35 - Pier Substructure	Cum	2,204.33	13.5.H.(p). case II	5,153.00	1,13,58,887.62	10.00	11,35,889	0.100%	10.00	2,204.33	11358887.62	0.10%	
6G,11	HYSB bar reinforcement - Pier Substructure	Mt	330.33	13.6	53,658.00	1,77,24,857.61	10.00	17,72,486	0.157%	10.00	330.33	17724857.61	0.16%	
6G,12	RCC M35 - Pier CAP	Cum	1,453.40	13.5.H.(p). case II	5,153.00	74,89,376.46	10.00	7,48,938	0.066%	7.00	1,017.38	5242563.52	0.05%	
6G,13	HYSB bar reinforcement - Pier CAP	Mt	218.67	13.6	53,658.00	1,17,33,356.45	10.00	11,73,336	0.104%	7.00	153.07	8213349.51	0.07%	
6G,14	PSC M45/M50 - Girder	Cum	3,121.78	14.01 G Case-1(i)r	7,757.00	2,42,15,650.54	84.00	2,88,282	0.214%	78.00	2,898.80	22485961.21	0.20%	0.52%
6G,15	HYSB bar reinforcement -Girder	Mt	469.33	14.2	54,788.00	2,57,13,525.83	84.00	3,06,113	0.227%	78.00	435.80	23876845.41	0.21%	
6G,16	HT Steel for PSC -Girder	Mt	187.36	14.3	1,44,570.00	2,70,86,578.18	84.00	3,22,459	0.239%	40.00	89.22	12898370.56	0.11%	
6G,17	RCC M35 - SLAB	Cum	2,580.57	14.01 D Case-1(ii)r	6,530.00	1,68,51,097.02	12.00	14,04,258	0.149%	0.00	-	0.00	0.00%	
6G,18	HYSB bar reinforcement - SLAB	Mt	398.70	14.2	54,788.00	2,18,44,014.66	12.00	18,20,335	0.193%	0.00	-	0.00	0.00%	
6G,19	Finishing Work (10% cost of overall work)	Nos.	-	10 % progress shall be deducted for Mi		3,22,459.26	12.00			0.00		0.00	0.00%	
6G	Total Bill No: 6G Major Bridges					37,17,54,088.04								
6H	Bill No. 6H : ROB													
6H,01	Structural Excavation in ROB foundation	Cum	5,255.70	12.1 -(I) A	97.00	5,09,803.17	6.00	84,967	0.005%	6.00	5,255.70	509803.17	0.00%	0.85%
6H,02	ROB - Foundation PCC M15 grade Levelling course	Cum	237.95	12.8 D (ii)	4,539.00	10,80,065.17	6.00	1,80,011	0.010%	6.00	237.95	1080065.17	0.01%	
6H,03	HYSB bar reinforcement - Foundation	Mt	814.19	13.6	53,658.00	4,36,88,029.32	86.00	5,08,000	0.386%	86.00	814.19	43688029.32	0.39%	
6H,04	RCC M35 Pile Cap	Cum	2,700.75	12.38.D.(ii)	4,668.00	1,26,07,117.03	6.00	21,01,186	0.111%	6.00	2,700.75	12607117.03	0.11%	
6H,05	RCC M35 1.2m dia piles	Rm	3,855.64	12.25	10,003.60	3,85,70,288.74	80.00	4,82,129	0.341%	80.00	3,855.64	38570288.74	0.34%	
6H,06	RCC M35 - ABUTMENT/Return Wall	Cum	2,058.99	13.5.H.(p). case II	5,153.00	1,06,09,949.98	4.00	26,52,487	0.094%	4.00	2,058.99	10609949.98	0.09%	0.14%
6H,07	HYSB bar reinforcement -ABUTMENT/Return Wall	Mt	304.74	13.6	53,658.00	1,63,51,805.26	4.00	40,87,951	0.144%	4.00	304.74	16351805.26	0.14%	

Construction of Eight Lane Vadodara Kim Expressway from Km. 323+000 to Km. 355+000 (Sanpa to Padra section of Vadodara Mumbai Expressway) in the State of Gujarat under NHDP Phase - VI on HAM Mode Project.

Item No.	Description	Unit	Quantity	SOR Item No. (year 2015-2016)	SOR Rate(Rs) including Lead (year 2015-2016)	Amount(Rs)	Physical Progress Quantity Km/No	Rate in Rs.	Weightage in percentage to the Contract Price	Qty in Nos/km/m	Qty in cum/sqm/m	Amount (Rs.)	Physical Progress%	Physical Progress (Progressive) %
1	2	3	4	5	8 = 6+7	9 = 4x8	10	11 = 9/10	12	14a (Actual Qty. to be input here)	14 (=14a*4/10)	15	16	17
6H,08	RCC M35 - ABUTMENT CAP	Cum	387.57	13.5.H.(p). case II	5,153.00	19,97,167.05	4.00	4,99,292	0.018%	2.00	193.79	998583.53	0.01%	0.30%
6H,09	HYSD bar reinforcement - ABUTMENT CAP	Mt	65.14	13.6	53,658.00	34,95,042.35	4.00	8,73,761	0.031%	2.00	32.57	1747521.17	0.02%	
6H,10	RCC M35 - PIER	Cum	218.01	13.5.H.(p). case II	5,153.00	11,23,406.47	2.00	5,61,703	0.010%	2.00	218.01	1123406.47	0.01%	
6H,11	HYSD bar reinforcement - PIER	Mt	32.57	13.6	53,658.00	17,47,521.17	2.00	8,73,761	0.015%	2.00	32.57	1747521.17	0.02%	
6H,12	RCC M35 - PIER CAP	Cum	266.46	13.5.H.(p). case II	5,153.00	13,73,052.35	2.00	6,86,526	0.012%	1.00	133.23	686526.18	0.01%	
6H,13	HYSD bar reinforcement - Pier CAP	Mt	46.53	13.6	53,658.00	24,96,458.82	2.00	12,48,229	0.022%	1.00	23.26	1248229.41	0.01%	
6H,14	RCC M35 - SLAB	Cum	740.22	14.01 G Case-1(i)r	7,757.00	57,41,855.28	4.00	14,35,464	0.051%	0.00	-	0.00	0.00%	0.47%
6H,15	HYSD bar reinforcement - SLAB	Mt	111.64	14.2	54,788.00	61,16,324.10	4.00	15,29,081	0.054%	0.00	-	0.00	0.00%	
6H,16	Providing and Fixing Steel Girder for Superstructure as per Technical Specification	Mt	1,543.86	Quotation	86,250.00	13,31,58,157.04	40.00	33,28,954	1.176%	16.00	617.55	53263262.82	0.47%	
6H,17	Finishing Work (10% cost of overall work)	Nos.	-	10 % progress shall be deducted for Mi		12,08,469.47	4.00			0.00		0.00	0.00%	
6H	Total Bill No. 6H : ROB					28,06,66,043.30								
6I	Bill No. 6I : Interchange													
6I,01	Structure Excavation for foundation of Interchange	Cum	31,534.22	12.1 -(I) A	97.00	30,58,819.02	24.00	1,27,451	0.027%	24.00	31,534.22	3058819.02	0.03%	5.24%
6I,02	Foundation PCC M15 grade for levelling course	Cum	1,291.74	12.8 D (ii)	4,539.00	58,63,210.92	24.00	2,44,300	0.052%	24.00	1,291.74	5863210.92	0.05%	
6I,03	HYSD bar reinforcement - Foundation	Mt	4,994.50	13.6	53,658.00	26,79,94,854.15	304.00	8,81,562	2.366%	304.00	4,994.50	267994854.15	2.37%	
6I,04	RCC M35 Pile Cap	Cum	15,268.62	12.38.D.(ii)	4,668.00	7,12,73,899.26	24.00	29,69,746	0.629%	24.00	15,268.62	71273899.26	0.63%	
6I,05	RCC M35 1.2m dia piles	Rm	24,518.88	12.25	10,003.60	24,52,77,078.90	280.00	8,75,990	2.166%	280.00	24,518.88	245277078.90	2.17%	
6I,06	RCC M35 - ABUTMENT/Return Wall	Cum	4,214.86	13.5.H.(p). case II	5,153.00	2,17,19,191.72	26.00	8,35,354	0.192%	26.00	4,214.86	21719191.72	0.19%	1.24%
6I,07	HYSD bar reinforcement - ABUTMENT/Return Wall	Mt	502.47	13.6	53,658.00	2,69,61,755.24	26.00	10,36,991	0.238%	26.00	502.47	26961755.24	0.24%	
6I,08	RCC M35 - ABUTMENT CAP	Cum	702.48	13.5.H.(p). case II	5,153.00	36,19,865.29	8.00	4,52,483	0.032%	8.00	702.48	3619865.29	0.03%	
6I,09	HYSD bar reinforcement - ABUTMENT CAP	Mt	113.99	13.6	53,658.00	61,16,324.10	8.00	7,64,541	0.054%	8.00	113.99	6116324.10	0.05%	
6I,10	RCC M35 - PIER	Cum	3,851.51	13.5.H.(p). case II	5,153.00	1,98,46,847.61	54.00	3,67,534	0.175%	54.00	3,851.51	19846847.61	0.18%	
6I,11	HYSD bar reinforcement - PIER	Mt	535.04	13.6	53,658.00	2,87,09,276.41	54.00	5,31,653	0.254%	54.00	535.04	28709276.41	0.25%	
6I,12	RCC M35 - PIER CAP	Cum	2,349.67	13.5.H.(p). case II	5,153.00	1,21,07,825.27	16.00	7,56,739	0.107%	16.00	2,349.67	12107825.27	0.11%	
6I,13	HYSD bar reinforcement - Pier CAP	Mt	388.49	13.6	53,658.00	2,08,45,431.13	16.00	13,02,839	0.184%	16.00	388.49	20845431.13	0.18%	0.85%
6I,14	RCC M35 - RCC Girder	Cum	273.56	14.01 G Case-1(i)r	7,757.00	21,21,990.00	130.00	16,323	0.019%	130.00	273.56	2121990.00	0.02%	
6I,15	PSC M45/M50 - PSC Girder	Cum	2,526.39	14.01 G Case-1(i)r	7,757.00	1,95,97,201.72	16.00	12,24,825	0.173%	14.00	2,210.59	17147551.51	0.15%	
6I,16	HYSD bar reinforcement Girder	Mt	795.12	14.2	54,788.00	4,35,63,206.38	146.00	2,98,378	0.385%	146.00	795.12	43563206.38	0.38%	
6I,17	HT Steel for PSC Girder	Mt	260.75	14.3	1,44,570.00	3,76,96,528.16	16.00	23,56,033	0.333%	14.00	228.16	32984462.14	0.29%	
6I,18	RCC M35 - SLAB	Cum	2,637.91	14.01 D Case-1(ii)r	6,530.00	1,72,25,565.85	20.00	8,61,278	0.152%	0.00	-	0.00	0.00%	
6I,19	PSC M45/M50 - SLAB	Cum	1,818.36	14.01 G Case-1(i)r	7,757.00	1,41,04,992.32	20.00	7,05,250	0.125%	0.00	-	0.00	0.00%	
6I,20	HYSD bar reinforcement - SLAB	Mt	414.65	14.2	54,788.00	2,27,17,775.25	20.00	11,35,889	0.201%	0.00	-	0.00	0.00%	
6I,21	Finishing Work (10% cost of overall work)	Nos	-	10 % progress shall be deducted for Mi		2,70,241.67	20.00			0.00		0.00	0.00%	
6I	Total Bill No. 6I : Interchange					89,04,21,638.70								
7	Reinforced Earth Wall													
7.01	PCC For RE Wall Foundation	Cum	547.47	12.8 D (ii)	4,539.00	24,84,961.97	565.20	4,397	0.022%	450.00	435.88	1978472.90	0.02%	0.38%
7.02	Providing RCC Facia Panel / Block	Sqm	25,463.88	7.5 (i)	915.00	2,32,99,450.15	23,550.00	989	0.206%	15,460.00	16,716.42	15295520.14	0.14%	
7.03	Filter media behind RE walls	Cum	15,276.24	13.1	586.00	89,51,875.20	14,130.00	634	0.079%	9,345	10,103.07	5920401.54	0.05%	
7.04	Construction of embankment with Reinforced Earth	Cum	1,51,009.10	RA	245.10	3,70,12,330.39	6,77,290	55	0.327%	3,65,400	81,469.87	19968264.00	0.18%	
7.05	RCC crash barrier with friction slab M 40	Rmt	3,412.73	14.1 Case-ii (ii-p)	5,714.00	1,95,00,349.01	9,420.00	2,070	0.172%	-	-	0.00	0.00%	
7	Total Amount Reinforced Earth Wall					9,12,48,966.72							0.00%	
8	Service roads/ Slip Roads													
8.01	Construction of Subgrade	Cum	35,854.12	RA	245.10	87,87,843.81	4.385	20,04,069	0.078%	0.00	-	0.00	0.00%	
8.02	Construction of GSB	Cum	14,337.77	4.1-A-(i)	1,332.00	1,90,97,909.96	4.385	43,55,282	0.169%	0.00	-	0.00	0.00%	
8.03	Constructing Wet Mix Macadam base	Cu.m.	17,857.62	4.12	1,384.00	2,47,14,942.30	4.385	56,36,247	0.218%	0.00	-	0.00	0.00%	
8.04	Primer coat - Connecting road	Sqm	65,696.28	5.1	19.00	12,48,229.41	4.385	2,84,659	0.011%	0.00	-	0.00	0.00%	

Construction of Eight Lane Vadodara Kim Expressway from Km. 323+000 to Km. 355+000 (Sanpa to Padra section of Vadodara Mumbai Expressway) in the State of Gujarat under NHDP Phase - VI on HAM Mode Project.

Item No.	Description	Unit	Quantity	SOR Item No. (year 2015-2016)	SOR Rate(Rs) including Lead (year 2015-2016)	Amount(Rs)	Physical Progress Quantity Km/No	Rate in Rs.	Weightage in percentage to the Contract Price	Qty in Nos/km/m	Qty in cum/sqm/m	Amount (Rs.)	Physical Progress%	Physical Progress (Progressive) %
1	2	3	4	5	8 = 6+7	9 = 4x8	10	11 = 9/10	12	14a (Actual Qty. to be input here)	14 (=14a*4/10)	15	16	17
8.05	Tack coat -1 - Connecting road	Sqm	71,327.39	5.2	7.00	4,99,291.76	4.385	1,13,864	0.004%	0.00	-	0.00	0.00%	0.00%
8.06	Tack coat -2 - Connecting road	Sqm	71,327.39	5.2	7.00	4,99,291.76	4.385	1,13,864	0.004%	0.00	-	0.00	0.00%	0.00%
8.07	Dense Bituminous Macadam course- Connecting road	Cu.m.	3,928.72	5.6(b)	6,033.00	2,37,01,953.48	4.385	54,05,235	0.209%	0.00	-	0.00	0.00%	0.00%
8.08	Bituminous Concrete - Connecting Road	Cu.m.	2,624.02	5.8(ii)	7,117.00	1,86,75,155.33	4.385	42,58,872	0.165%	-	-	0.00	0.00%	0.00%
8	Total Service roads/ Slip Roads					9,72,24,617.81								
9	Bill No.9: Toll Plaza													
9.01	Clearing and grubbing - Toll Plaza	Hec	5.47	2.3 (ii) A	22,950.00	1,25,644.14	9.00	13,960	0.001%	7.00	4.26	97723.22	0.00%	0.00%
9.02	Construction of embankment - Toll Plaza	Cum	1,09,110.96	RA	223.10	2,43,42,655.70	9.00	27,04,740	0.215%	7.00	84,864.08	18933176.65	0.17%	0.17%
9.03	Construction of Subgrade - Toll Plaza	cum	36,661.28	RA	245.10	89,85,680.55	9.00	9,98,409	0.079%	0.00	-	0.00	0.00%	0.00%
9.04	Constructing Grannular Sub-base - Toll Plaza	Cu.m.	14,525.19	4.1-A-(i)	1,332.00	1,93,47,555.84	9.00	21,49,728	0.171%	0.00	-	0.00	0.00%	0.00%
9.05	Providing xxx mm thick DLC (M15) for Toll plaza	cum	10,424.07	6.1	2,347.00	2,44,65,296.42	9.00	27,18,366	0.216%	0.00	-	0.00	0.00%	0.17%
9.06	Providing xxx mm thick PQC for Toll plaza	cum	20,893.29	6.2	6,413.00	13,39,88,698.27	9.00	1,48,87,633	1.183%	0.00	-	0.00	0.00%	0.00%
9.07	Providing and fixing of Tool booth	Nos.	44.94	Lamsum	1,00,000.00	44,93,625.87	9.00	4,99,292	0.040%	0.00	-	0.00	0.00%	0.00%
9.08	Roof over Toll plaza	Sq.m	3,571.86	Lamsum	6,500.00	2,32,17,067.01	9.00	25,79,674	0.205%	0.00	-	0.00	0.00%	0.00%
9.09	Operation & Office building at toll plaza	Sq.m	2.01	Lamsum	20,00,000.00	40,23,419.07	2.00	20,11,710	0.036%	0.00	-	0.00	0.00%	0.00%
9.10	Toll plaza sign boards	LS	9.00	Lamsum	15,00,000.00	1,35,04,647.88	9.00	15,00,516	0.119%	0.00	-	0.00	0.00%	0.00%
9.11	Toll Plaza Facilities	LS	9.00	Lamsum	20,00,000.00	1,80,08,985.07	9.00	20,00,998	0.159%	0.00	-	0.00	0.00%	0.00%
9	Total Toll Plaza					27,45,03,275.82								
10	DRAINAGE													
10.01	Drain Excavation	Cu.m.	80,149.47	12.1 -(I) A	97.00	77,74,498.33	30.52	2,54,737	0.069%	19.40	50,947.30	4941888.56	0.04%	0.04%
10.02	Drain Lining	cum	11,999.59	12.8 D (ii)	4,539.00	5,44,66,143.54	30.52	17,84,619	0.481%	19.40	7,627.58	34621605.18	0.31%	0.31%
10.03	RCC M 20 Grade Dain	Cum	4,802.48	12.8 E (case-ii)	4,503.00	2,16,25,574.51	30.52	7,08,576	0.191%	19.00	2,989.77	13462945.82	0.12%	0.12%
10.04	HYSO bar reinforcement	Mt	200.06	13.6	53,658.00	1,07,34,772.92	30.52	3,51,732	0.095%	19.00	124.55	6682905.29	0.06%	0.06%
10.05	Construction of chute lined drain in shoulder	L.M.	23,466.71	Lamsum	1,500.00	3,52,00,069.34	30.52	11,53,353	0.311%	14.60	11,225.97	16838958.16	0.15%	0.15%
10.06	Construction of energy dissipation basin and sumps	Nos.	1,043.97	Lamsum	5,500.00	57,41,855.28	30.52	1,88,136	0.051%	0.00	-	0.00	0.00%	0.00%
10	Total : DRAINAGE					13,55,42,913.92								
11	Bill No. 11: Traffic signs, Road markings and other road appurtunences													
11.01a	Providing Kerb M-20 grade	L.M.	63,846.22	8.1 (B)	175.00	1,11,73,087.96	30.52	3,66,094	0.099%	19.50	40,793.28	7138823.95	0.06%	0.06%
11.04a	Painting on Kerbs	Sq.m	34,042.62	14.16	44.00	14,97,875.29	30.52	49,079	0.013%	0.00	-	0.00	0.00%	0.00%
11.02a	Supplying & Fixing Sign Boards	KM	31.97	Lamsum	12,00,000.00	3,83,62,250.51	32.00	11,98,820	0.339%	0.00	-	0.00	0.00%	0.00%
11.03a	Pavement marking	Sq.m	67,404.39	8.13	383.00	2,58,15,880.64	32.00	8,06,746	0.228%	0.00	-	0.00	0.00%	0.00%
11	Traffic signs, Road markings and other road appurtunences					7,68,49,094.40								
11.04	Providing and erecting " Thrie " metal beam crash barrier	L.M.	38,905.85	8.23 B	3,465.00	13,48,08,776.19	30.52	44,17,098	1.190%	4.50	5,736.49	19876939.83	0.18%	0.18%
12	Project facilities											0.00	0.00%	0.00%
12.01	Wayside Amenities/Service Area	LS	2.00	Lamsum	5,00,00,000.00	9,99,83,175.68	2.00	4,99,91,588	0.883%	0.60	0.60	29994952.70	0.26%	0.26%
12.02	Providing operational and maintenance Center	No.	2.00	Lamsum	2,50,00,000.00	5,00,53,999.31	2.00	2,50,27,000	0.442%	0.00	-	0.00	0.00%	0.00%
12.03	Providing lighting including all	Nos	2,348.59	8.27 (ii)	3,697.00	86,82,743.30	30.52	2,84,496	0.077%	0.00	-	0.00	0.00%	0.00%
12.04	Providing Advanced Traffic Management Systems (ATMS)	Km.	32.02	Lamsum	20,00,000.00	6,40,34,168.69	30.52	20,98,121	0.565%	0.00	-	0.00	0.00%	0.00%
12.05	Providing & Placing Noise Barrier	Km	9.31	Lamsum	35,26,344.09	3,28,28,433.46	9.30	35,29,939	0.290%	0.00	-	0.00	0.00%	0.00%
12.06	Providing Rain Water Harvesting	Nos	63.55	Lamsum	1,10,000.00	69,90,084.69	64.00	1,09,220	0.062%	0.00	-	0.00	0.00%	0.00%
12.07	Providing Chain Link Fencing in ROW	L.M.	53,923.51	Lamsum	2,500.00	13,48,08,776.19	30.52	44,17,098	1.190%	16.40	28,976.16	72440402.95	0.64%	0.64%
12.08	Providing min 600 mm dia NP4 pipes across the road for utility work	Nos.	6,383.80	Lamsum	3,500.00	2,23,43,306.42	64.00	3,49,114	0.197%	56	5,565.88	19480570.29	0.17%	0.17%
12	Project facilities					41,97,24,687.74								
13	Land Scaping and Tree plantation													
	Land Scaping and Tree plantation	LS	20,546.32	11.9	804.00	1,65,19,241.28	30.52	5,41,264	0.146%	0.00	-	0.00	0.00%	0.000%
13	Environmental Plan					1,65,19,241.28								
14	PROTECTION WORKS													

Construction of Eight Lane Vadodara Kim Expressway from Km. 323+000 to Km. 355+000 (Sanpa to Padra section of Vadodara Mumbai Expressway) in the State of Gujarat under NHDP Phase - VI on HAM Mode Project.

Item No,	Description	Unit	Quantity	SOR Item No. (year 2015-2016)	SOR Rate(Rs) including Lead (year 2015-2016)	Amount(Rs)	Physical Progress Quantity Km/No	Rate in Rs.	Weightage in percentage to the Contract Price	Qty in Nos/km/m	Qty in cum/sqm/m	Amount (Rs.)	Physical Progress%	Physical Progress (Progressive) %
1	2	3	4	5	8 = 6+7	9 = 4x8	10	11 = 9/10	12	14a (Actual Qty. to be input here)	14 (=14a*4/10)	15	16	17
I	Boulder pitchin on slopes													
A	Providing and laying stone pitching on embankment slopes	cum	20,190.56	15.4	1,015.00	2,04,93,417.23	30.52	6,71,475	0.181%	18.60	12,304.86	12489435.14	0.11%	0.15%
B	Providing and laying filter media underneath stone pitching	cum	10,011.40	15.50	729.00	72,98,307.89	30.52	2,39,132	0.064%	18.60	6,101.31	4447854.74	0.04%	
II	Toe/Retaining wall													
A	Excavation of Retaining Wall + Toe Wall	Cu.m.	52,557.03	12.1 -(I) A	97.00	50,98,031.69	3.305	15,42,521	0.045%	3.00	47,706.83	4627562.81	0.04%	4.05%
B	M-15 PCC Retaining Wall + Toe Wall	Cu.m.	2,923.41	12.8 D (ii)	4,539.00	1,32,69,372.08	3.305	40,14,939	0.117%	3.00	2,653.63	12044815.81	0.11%	
C	M-25 Retaining Wall + Toe Wall	Cum	57,142.97	13.5 (q) Case-ii	5,156.00	29,46,29,151.80	3.305	8,91,46,491	2.602%	2.75	47,547.10	245152849.46	2.16%	
D	HYSD - Retaining Wall + Toe Wall	MT	4,412.93	13.6	53,658.00	23,67,89,118.92	3.305	7,16,45,724	2.091%	2.75	3,671.88	197025741.92	1.74%	
14	Total : PROTECTION WORKS					57,75,77,399.61								
15	MISCELLANEOUS WORKS													
15.01	Overhead Signs	Nos	1.00	Lamsum	1,79,01,663.90	1,78,49,680.55	32.00	5,57,803	0.158%	0.00	-	0.00	0.00%	0.00%
15.02	Traffic Aid Booth	Sqm	77.27	Lamsum	21,000.00	16,22,698.23	2.00	8,11,349	0.014%	0.00	-	0.00	0.00%	0.000%
15.03	Medical Aid Booth	Sqm	77.27	Lamsum	21,000.00	16,22,698.23	2.00	8,11,349	0.014%	0.00	-	0.00	0.00%	0.000%
15.04	(d) Emergency Cross Over	No.	6.00	Lamsum	3,32,790.86	19,96,956.10	6.00		0.018%	0.00	-	0.00	0.00%	0.000%
15.05	Wearing Coarse	Sqm	8,559.29	Lamsum	350.00	29,95,750.58	32.00	93,617	0.026%	0.00	-	0.00	0.00%	0.000%
15.06	Kerb	Km	4.33	Lamsum	30,00,000.00	1,29,81,585.86	32.00	4,05,675	0.115%	0.00	-	0.00	0.00%	0.000%
15	Total Bill No.15 : MISCELLANEOUS WORKS					3,90,69,369.55								
	Total Amount					11,32,45,62,742			100.00%				77.57%	77.57%

STRUCTURE PROGRESS CHART AS ON 31.03.2021

Construction of Eight Lane of Vadodara Kim Expressway from Km 323.000 to Km 355.000 (Sanpa to Padra section of Vadodara Mumbai Expressway) Package II

SR.NO	PROGRESS CHART FOR PIPE CULVERTS												Abstract				
	LHS					Pipe Culvert Design Chainage	Pipe Culvert CA Chainage	Dimension	RHS					SR.No	Type Of Structure	Total No. of Structure as per CA	No of Work in progress of structure
	Finishing		Pipe Laying	Finishing					Foundation		Pipe Laying	Finishing					
	Chamber	Cradle		PCC	Excavation	Excavation	PCC	Cradle	Chamber								
1		Done	Done	Done	Done	324+069	324+069	1X1.2	Done	Done	Done	Done	Done	1	HPC	42	0
2		Done	Done	Done	Done	324+715	324+719	1X1.2	Done	Done	Done	Done	Done	2	BOX Culvert	52	15
3		Done	Done	Done	Done	333+850	325+219	1X1.2	Done	Done	Done	Done	Done	3	flyover Bridge	1	1
4		Done	Done	Done	Done	325+619	325+619	1X1.2	Done	Done	Done	Done	Done	4	ROB	1	1
5		Done	Done	Done	Done	326+119	326+119	1X1.2	Done	Done	Done	Done	Done	5	MJB	1	1
6		Done	Done	Done	Done	327+119	327+119	1X1.2	Done	Done	Done	Done	Done	6	MNB	9	6
7		Done	Done	Done	Done	327+994	327+994	1X1.2	Done	Done	Done	Done	Done	8	Interchange	2	2
8		Done	Done	Done	Done	328+419	328+419	1X1.2	Done	Done	Done	Done	Done	9	VOP	2	2
9		Done	Done	Done	Done	329+509	329+509	1X1.2	Done	Done	Done	Done	Done	10	LVUP	8	0
10		Done	Done	Done	Done	330+068	330+068	1X1.2	Done	Done	Done	Done	Done	11	VUP	5	0
11		Done	Done	Done	Done	331+118	331+118	1X1.2	Done	Done	Done	Done	Done	12	P/CUP	34	0
12		Done	Done	Done	Done	331+719	331+719	1X1.2	Done	Done	Done	Done	Done	Total		157	28
13		Done	Done	Done	Done	332+050	332+050	2X1.2	Done	Done	Done	Done	Done	1	Utility Duct	61	
14		Done	Done	Done	Done	332+158	332+294	1X1.2	Done	Done	Done	Done	Done	2	RE- Block	Aprox 9 lakh NOS	
15		Done	Done	Done	Done	333+119	333+119	1X1.2	Done	Done	Done	Done	Done				
16		Done	Done	Done	Done	333+360	333+360	1X1.2	Done	Done	Done	Done	Done		COS HPC		
17		Done	Done	Done	Done	333+810	333+810	1X1.2	Done	Done	Done	Done	Done		COS HPC		
18		Done	Done	Done	Done	334+310	334+310	1X1.2	Done	Done	Done	Done	Done		COS HPC		
19		Done	Done	Done	Done	334+168	334+168	1X1.2	Done	Done	Done	Done	Done				
20		Done	Done	Done	Done	334+719	334+719	1X1.2	Done	Done	Done	Done	Done				
21		Done	Done	Done	Done	337+308	337+308	1X1.2	Done	Done	Done	Done	Done				
22		Done	Done	Done	Done	337+593	337+593	1X1.2	Done	Done	Done	Done	Done				
23		Done	Done	Done	Done	338+243	338+243	1X1.2	Done	Done	Done	Done	Done				
24		Done	Done	Done	Done	338+669	338+669	1X1.2	Done	Done	Done	Done	Done				
25		Done	Done	Done	Done	339+179	339+179	1X1.2	Done	Done	Done	Done	Done				
26		Done	Done	Done	Done	340+080	340+080	1X1.2	Done	Done	Done	Done	Done				
27		Done	Done	Done	Done	340+718	340+718	1x1.2	Done	Done	Done	Done	Done				
28		Done	Done	Done	Done	341+468	341+468	1x1.2	Done	Done	Done	Done	Done				
29		Done	Done	Done	Done	341+925	341+925	1x1.2	Done	Done	Done	Done	Done				
30		Done	Done	Done	Done	342+869	342+869	1x1.2	Done	Done	Done	Done	Done				
31		Done	Done	Done	Done	343+280	343+280	1x1.2	Done	Done	Done	Done	Done				
32		Done	Done	Done	Done	343+990	343+994	1x1.2	Done	Done	Done	Done	Done				
33		Done	Done	Done	Done	344+768	344+768	1x1.2	Done	Done	Done	Done	Done				
34		Done	Done	Done	Done	346+549	346+549	1x1.2	Done	Done	Done	Done	Done				
35		Done	Done	Done	Done	347+169	347+169	1x1.2	Done	Done	Done	Done	Done				
36		Done	Done	Done	Done	348+143	348+143	1x1.2	Done	Done	Done	Done	Done				
37		Done	Done	Done	Done	348+869	348+869	1x1.2	Done	Done	Done	Done	Done				
38		Done	Done	Done	Done	349+668	349+668	1x1.2	Done	Done	Done	Done	Done				
39		Done	Done	Done	Done	350+068	350+068	1x1.2	Done	Done	Done	Done	Done				
40		Done	Done	Done	Done	350+443	350+443	1x1.2	Done	Done	Done	Done	Done				
41		Done	Done	Done	Done	351+119	351+119	1x1.2	Done	Done	Done	Done	Done				
42		Done	Done	Done	Done	351+619	351+619	1x1.2	Done	Done	Done	Done	Done				
43		Done	Done	Done	Done	352+494	352+494	1x1.2	Done	Done	Done	Done	Done				
44		Done	Done	Done	Done	352+868	352+868	1x1.2	Done	Done	Done	Done	Done				
45		Done	Done	Done	Done	354+467	354+467	1x1.2	Done	Done	Done	Done	Done				
46		Done	Done	Done	Done	354+754	354+754	1x1.2	Done	Done	Done	Done	Done				
		46	46	46	46	46	46	46	46	46	46	46	46				

PROGRESS CHART FOR BOX CULVERTS

SR.NO	PROGRESS CHART FOR BOX CULVERTS																		
	LHS									Box Culvert Design Chainage	Box Culvert CA Chainage	Dimension	RHS						
	Finishing			Super-Structure	Sub-Structure	Foundation			Foundation				Sub-Structure	Super-Structure	Finishing				
	Apron	Curtain Wall	Retaining Wall			Raft	PCC	Excavation	Excavation						PCC	Raft	Retaining Wall	Curtain Wall	Apron
1									323+038	323+057	1X2X2								
2									323+087	323+087	1X2X2								
3									323+087	323+087	1X2X2								
4									323+087	323+087	1X2X2								
5									323+087	323+087	1X2X2								
6			Done	Done	Done	Done	Done	Done	332+659	323+367	1X3X3	Done	Done	Done	Done	Done	Done		
7				Done	Done	Done	Done	Done	324+164	324+160	1X2X2	Done	Done	Done	Done	Done			
8				Done	Done	Done	Done	Done	324+236	324+259	1X3X3	Done	Done	Done	Done	Done			
9				Done	Done	Done	Done	Done	324+254	324+273	1X3X3	Done	Done	Done	Done	Done			
10				Done	Done	Done	Done	Done	324+987	325+005	1X3X3	Done	Done	Done	Done	Done			
11			Done	Done	Done	Done	Done	Done	326+292	326+310	1X4X3	Done	Done	Done	Done	Done	Done		
12				Done	Done	Done	Done	Done	326+848	326+867	1X3X3	Done	Done	Done	Done	Done			
13				Done	Done	Done	Done	Done	326+957	326+982	1X2X2	Done	Done	Done	Done	Done			
14									326+957	326+982	1X2X2								
15			Done	Done	Done	Done	Done	Done	330+242	330+260	1X2X2	Done	Done	Done	Done	Done	Done		
16				Done	Done	Done	Done	Done	330+853	330+872	2X4X3	Done	Done	Done	Done	Done			
17			Done	Done	Done	Done	Done	Done	331+840	331+859	1X2X2	Done	Done	Done	Done	Done	Done		
18			Done	Done	Done	Done	Done	Done	333+661	333+670	1X5X3	Done	Done	Done	Done	Done	Done		
19			Done	Done	Done	Done	Done	Done	335+074	335+093	1X2X2	Done	Done	Done	Done	Done	Done		
20		Done	Done	Done	Done	Done	Done	Done	335+664	335+684	1X2X2	Done	Done	Done	Done	Done	Done		
21		Done	Done	Done	Done	Done	Done	Done	339+352	339+345	1X2X2	Done	Done	Done	Done	Done	Done		
22			Done	Done	Done	Done	Done	Done	339+700	339+700	1X2X2	Done	Done	Done	Done	Done	Done		
23			Done	Done	Done	Done	Done	Done	339+848	339+852	1X2X2	Done	Done	Done	Done	Done	Done		
24			Done	Done	Done	Done	Done	Done	339+941	339+934	1X2X2	Done	Done	Done	Done	Done	Done		
25				Done	Done	Done	Done	Done	341+171	341+193	1x6x3	Done	Done	Done	Done	Done			
26				Done	Done	Done	Done	Done	342+620	342+620	1X4X3	Done	Done	Done	Done	Done			
27									344+440	344+347	1x2x2								
28				Done	Done	Done	Done	Done	345+474	345+494	1x4x3	Done	Done	Done	Done	Done			
29				Done	Done	Done	Done	Done	345+966	346+000	1x3x3	Done	Done	Done	Done	Done			
30									346+776	346+800	2x3x3								
31				Done	Done	Done	Done	Done	346+800	346+800	2x3x3	Done	Done	Done	Done	Done	Done		
32				Done	Done	Done	Done	Done	347+468	347+468	1x2x2	Done	Done	Done	Done	Done			
33				Done	Done	Done	Done	Done	347+537	347+556	2x3x2	Done	Done	Done	Done	Done			
34				Done	Done	Done	Done	Done	347+900	347+940	1x2x2	Done	Done	Done	Done	Done	Done		
35				Done	Done	Done	Done	Done	349+220	349+220	1x5x3	Done	Done	Done	Done	Done			
36				Done	Done	Done	Done	Done	349+445	349+463	1x5x3	Done	Done	Done	Done	Done			
37				Done	Done	Done	Done	Done	349+460(0+535)	349+463	1x2x2	Done	Done	Done	Done	Done			
38				Done	Done	Done	Done	Done	349+460(0+831)	349+463	1x2x2	Done	Done	Done	Done	Done			
39				Done	Done	Done	Done	Done	349+809	349+832	1x2x2	Done	Done	Done	Done	Done			
40				Done	Done	Done	Done	Done	351+009	351+009	1x3x3	Done	Done	Done	Done	Done	Done		
41				Done	Done	Done	Done	Done	351+265	351+718	1x3x3	Done	Done	Done	Done	Done	Done		
42				Done	Done	Done	Done	Done	353+690 (0+407)L-	353+690 (0+407)L-	1x2x2	Done	Done	Done	Done	Done			
43				Done	Done	Done	Done	Done	353+690(0+454)	353+690	1x2x2	Done	Done	Done	Done	Done			
44									353+690	353+690	1x2x2								
45				Done	Done	Done	Done	Done	353+690(0+684)	353+690	1x2x2	Done	Done	Done	Done	Done			
46									353+690	353+690	1x2x2								
47									353+690	353+690	1x2x2								
48									353+690	353+690	1x2x2								
49									353+690	353+690	1x2x2								
50									353+690	353+690	1x2x2								
51									353+690	353+690	1x2x2								
52									353+690	353+690	1x2x2								
			11	36	36	36	36	36	52	52		36	36	36	36	36	14		

PROGRESS CHART FOR CUP/PUP

SR.NO	PROGRESS CHART FOR CUP/PUP																		
	LHS								Design Chainage	CA Chainage	RHS								
	Finishing			Super Structure	Sub Structure	Foundation					Dimension	Foundation			Sub Structure	Super Structure	Finishing		
	WC inside Str.	Approach Slab	Crash Barrier			Raft	PCC	Excavation	Excavation	PCC		Raft	Crash Barrier	Approach Slab			WC inside Str.		
1				Done	Done	Done	Done	Done	323+683	323+700	1X12	Done	Done	Done	Done	Done			
2				Done	Done	Done	Done	Done	324+410	324+410	1X12	Done	Done	Done	Done	Done			
3				Done	Done	Done	Done	Done	324+900	324+900	1X12	Done	Done	Done	Done	Done			
4				Done	Done	Done	Done	Done	326+381	326+400	1X12	Done	Done	Done	Done	Done			
5				Done	Done	Done	Done	Done	327+575	327+550	1X12	Done	Done	Done	Done	Done			
6			Done	Done	Done	Done	Done	Done	328+175	328+150	1X12	Done	Done	Done	Done	Done			
7				Done	Done	Done	Done	Done	328+856	328+800	1X12	Done	Done	Done	Done	Done			
8				Done	Done	Done	Done	Done	329+725	329+750	1X12	Done	Done	Done	Done	Done			
9				Done	Done	Done	Done	Done	331+425	331+450	1X12	Done	Done	Done	Done	Done			
10				Done	Done	Done	Done	Done	332+640	332+675	1X12	Done	Done	Done	Done	Done			
11				Done	Done	Done	Done	Done	333+351	333+370	1X12	Done	Done	Done	Done	Done			
12				Done	Done	Done	Done	Done	333+786	333+795	1X12	Done	Done	Done	Done	Done			
13				Done	Done	Done	Done	Done	334+280	334+390	1X12	Done	Done	Done	Done	Done			
14				Done	Done	Done	Done	Done	334+868	334+880	1X12	Done	Done	Done	Done	Done			
15				Done	Done	Done	Done	Done	336+020	335+850	1X12	Done	Done	Done	Done	Done			
16				Done	Done	Done	Done	Done	336+355	336+375	1X12	Done	Done	Done	Done	Done			
17				Done	Done	Done	Done	Done	338+455	338+477	1X12	Done	Done	Done	Done	Done			
18				Done	Done	Done	Done	Done	338+950	338+970	1X12	Done	Done	Done	Done	Done			
19				Done	Done	Done	Done	Done	339+687	339+680	1X12	Done	Done	Done	Done	Done			
20				Done	Done	Done	Done	Done	340+419	340+427	1X12	Done	Done	Done	Done	Done			
21				Done	Done	Done	Done	Done	340+820	340+855	1X12	Done	Done	Done	Done	Done			
22				Done	Done	Done	Done	Done	342+035	342+050	1X12	Done	Done	Done	Done	Done			
23				Done	Done	Done	Done	Done	342+543	342+562	1X12	Done	Done	Done	Done	Done			
24				Done	Done	Done	Done	Done	343+169	343+150	1X12	Done	Done	Done	Done	Done			
25				Done	Done	Done	Done	Done	345+025	345+050	1X12	Done	Done	Done	Done	Done			
26				Done	Done	Done	Done	Done	345+653	345+670	1X12	Done	Done	Done	Done	Done			
27				Done	Done	Done	Done	Done	346+383	346+400	1X12	Done	Done	Done	Done	Done			
28				Done	Done	Done	Done	Done	347+108	347+100	1X12	Done	Done	Done	Done	Done			
29				Done	Done	Done	Done	Done	347+922	347+900	1X12	Done	Done	Done	Done	Done			
30				Done	Done	Done	Done	Done	348+978	349+100	1X12	Done	Done	Done	Done	Done			
31				Done	Done	Done	Done	Done	349+972	349+950	1X12	Done	Done	Done	Done	Done			
32				Done	Done	Done	Done	Done	350+831	350+850	1X12	Done	Done	Done	Done	Done			
33				Done	Done	Done	Done	Done	352+355	352+320	1X12	Done	Done	Done	Done	Done			
34				Done	Done	Done	Done	Done	352+700	352+696	1X12	Done	Done	Done	Done	Done			
				34	34	34	34	34	34	34	34	34	34	34	34	34			

PROGRESS CHART FOR VUP

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

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

PROGRESS CHART FOR MNB

SR. NO	BOX TYPE																		
	LHS								MNB Design Chainage	MNB CA Chainage	Dimension	RHS							
	Finishing			Super Structure	Sub Structure	Foundation						Excavation	PCC	Raft	Sub Structure	Super Structure	Finishing		
	WC inside Str.	Approach Slab	Crash Barrier			Raft	PCC	Excavation	Excavation	PCC	Raft						Crash Barrier	Approach Slab	WC inside Str.
1				Done	Done	Done	Done	Done	329+062	329+080	1X10.42	Done	Done	Done	Done	Done			
2				Done	Done	Done	Done	Done	337+874	337+895	1X10.42	Done	Done	Done	Done	Done			
3				Done	Done	Done	Done	Done	346+743	346+766	1x10.496	Done	Done	Done	Done	Done			
4			7		Done	Done	Done	Done	350+201	350+220	1x18.85	Done	Done	Done	Done		7		

PILE TYPE

SR. NO	PILE TYPE																	
	LHS							Design Chainage	CA Chainage	Dimension	RHS							
	Superstructure		Sub Structure		Foundation						Pile Scope	Foundation		Substructure		Superstructure		
	Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Pile	Pile	Pile	Pile Cap	Pier		Pier Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab	
1	7	7	2 out of 2	2 out of 2	2 out of 2	16	32	324+193	324+210	1X29.214	16	2 out of 2	2 out of 2	2 out of 2				
2		54	4 out of 4	32 out of 35	2 out of 2	35	70	330+630	330+640	1X32.2	35	2 out of 2	33 out of 35	4 out of 4				
3		104	4 out of 4	59 out of 62	2 out of 2	62	124	343+566	343+566	1x27.20	62	2 out of 2	58 out of 62	4 out of 4				
4		12	2 out of 2	14 out of 14	2 out of 2	14	28	350+143	350+162	1x33.112	14	2 out of 2	14 out of 14	2 out of 2				
5		49	4 out of 4	28 out of 28	2 out of 2	28	56	354+636	354+660	1x48.603	28	2 out of 2	28out of 28	4 out of 4				

PROGRESS CHART FOR FLYOVER

SR. NO	PROGRESS CHART FOR FLYOVER																	
	LHS							Design Chainage	CA Chainage	Dimension	RHS							
	Superstructure		Sub Structure		Foundation						Total Pile Scope	Foundation		Substructure		Superstructure		
	Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Pile	Pile	Pile	Pile Cap	Pier		Pier Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab	
1		21	4 out of 4	16 out 16	4 out of 4	46	92	344+383	344+360	1x22.627+1x42.065 +1x22.627	46	4 out of 4	16 out of 16	4 out of 4	21			

PROGRESS CHART FOR INTERCHANGE																	
SR. NO	LHS							Design Chainage	CA Chainage	Dimension	RHS						
	Superstructure		Sub Structure		Foundation		Total Pile Scope				Foundation		Substructure		Superstructure		
	Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Piles					Piles	Pile Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab
1		21	4 out of 4	12 out of 12	4 out of 4	40	80	323+074	323+087	1 x 16.9+1x47.2+1x16.9	40	4 out of 4	12 out of 12	4 out of 4	21		
2		51	8 out of 8	28 out of 28	8 out of 8	100	200	353+666	353+690	1 X 48.2 + 2 X (25+25 +25.788)	100	8 out of 8	26 out of 28	8 out of 8	51		
PROGRESS CHART FOR ROB																	
SR. NO	LHS							Design Chainage	CA Chainage	Dimension	RHS						
	Superstructure		Sub Structure		Foundation		Total Pile Scope				Foundation		Substructure		Superstructure		
	Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Piles					Piles	Pile Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab
1			1	3	3	42 out of 42	80	352+965	352+988	2x37.20	38 out of 38	3	3	1			
PROGRESS CHART FOR MJB																	
SR. NO	LHS							Design Chainage	CA Chainage	Dimension	RHS						
	Superstructure		Sub Structure		Foundation		Total Pile Scope				Foundation		Substructure		Superstructure		
	Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Pile					Pile	Pile Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab
1		52	3 out of 7	5 out of 7	7 out of 7	114	228	336+810	336+830	6X42.20	114	7 out of 7	5 out of 7	3 out of 7			
PROGRESS CHART FOR VOP																	
SR. NO	LHS							Design Chainage	CA Chainage	Dimension	RHS						
	Superstructure		Sub Structure		Foundation		Total Pile Scope				Foundation		Substructure		Superstructure		
	Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Piles					Piles	Pile Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab
1			3 out of 3	3 out of 3	3 out of 3	14	14	326+957	326+982	2x48.221	Not Applicable						
2		8	3 out of 3	3 out of 3	3 out of 3	21	21	349+441	349+463	2x41.35							

HIGHWAY PROGRESS CHART

LHS	SIDE	RHS	SECTION 1 (Chainage 323+000 to 331+000)										Total																																																																							
			Emb upto 1m	Emb upto 1m-2m	Emb upto 2m-3m	Embankment Top	Sub - Grade Top	GSB	DLC	PQC	Emb upto 1m	Emb upto 1m-2m		Emb upto 2m-3m	Embankment Top																																																																					
	CHAINAGE		323+000	323+100	323+200	323+300	323+400	323+500	323+600	323+700	323+800	323+900	324+000	324+100	324+200	324+300	324+400	324+500	324+600	324+700	324+800	324+900	325+000	325+100	325+200	325+300	325+400	325+500	325+600	325+700	325+800	325+900	326+000	326+100	326+200	326+300	326+400	326+500	326+600	326+700	326+800	326+900	327+000	327+100	327+200	327+300	327+400	327+500	327+600	327+700	327+800	327+900	328+000	328+100	328+200	328+300	328+400	328+500	328+600	328+700	328+800	328+900	329+000	329+100	329+200	329+300	329+400	329+500	329+600	329+700	329+800	329+900	330+000	330+100	330+200	330+300	330+400	330+500	330+600	330+700	330+800	330+900	331+000	13.4
	CHAINAGE		331+000	331+100	331+200	331+300	331+400	331+500	331+600	331+700	331+800	331+900	332+000	332+100	332+200	332+300	332+400	332+500	332+600	332+700	332+800	332+900	333+000	333+100	333+200	333+300	333+400	333+500	333+600	333+700	333+800	333+900	334+000	334+100	334+200	334+300	334+400	334+500	334+600	334+700	334+800	334+900	335+000	335+100	335+200	335+300	335+400	335+500	335+600	335+700	335+800	335+900	336+000	336+100	336+200	336+300	336+400	336+500	336+600	336+700	336+800	336+900	337+000	337+100	337+200	337+300	337+400	337+500	337+600	337+700	337+800	337+900	338+000	338+100	338+200	338+300	338+400	338+500	338+600	338+700	338+800	338+900	339+000	7.24
	CHAINAGE		339+000	339+100	339+200	339+300	339+400	339+500	339+600	339+700	339+800	339+900	340+000	340+100	340+200	340+300	340+400	340+500	340+600	340+700	340+800	340+900	341+000	341+100	341+200	341+300	341+400	341+500	341+600	341+700	341+800	341+900	342+000	342+100	342+200	342+300	342+400	342+500	342+600	342+700	342+800	342+900	343+000	343+100	343+200	343+300	343+400	343+500	343+600	343+700	343+800	343+900	344+000	344+100	344+200	344+300	344+400	344+500	344+600	344+700	344+800	344+900	345+000	345+100	345+200	345+300	345+400	345+500	345+600	345+700	345+800	345+900	346+000	346+100	346+200	346+300	346+400	346+500	346+600	346+700	346+800	346+900	347+000	7.3
	CHAINAGE		347+000	347+100	347+200	347+300	347+400	347+500	347+600	347+700	347+800	347+900	348+000	348+100	348+200	348+300	348+400	348+500	348+600	348+700	348+800	348+900	349+000	349+100	349+200	349+300	349+400	349+500	349+600	349+700	349+800	349+900	350+000	350+100	350+200	350+300	350+400	350+500	350+600	350+700	350+800	350+900	351+000	351+100	351+200	351+300	351+400	351+500	351+600	351+700	351+800	351+900	352+000	352+100	352+200	352+300	352+400	352+500	352+600	352+700	352+800	352+900	353+000	353+100	353+200	353+300	353+400	353+500	353+600	353+700	353+800	353+900	354+000	354+100	354+200	354+300	354+400	354+500	354+600	354+700	354+800	354+900	355+000	5.9

Emb upto 1m	Emb upto 1m-2m	Emb upto 2m-3m	Embankment Top	Sub - Grade Top	GSB	DLC	PQC	Emb. Upto 1m	30.4	Emb. From 1m-2m	30.4	Emb. From 2m-3m	30.4	Total Embankment Top	29.6	Total Subgrade Top	28.5	Total GSB	27.7	Total DLC	27.3	Total PQC	20.6
-------------	----------------	----------------	----------------	-----------------	-----	-----	-----	--------------	------	-----------------	------	-----------------	------	----------------------	------	--------------------	------	-----------	------	-----------	------	-----------	------

ANNEXURE - A

Details of Electrical Utilities

Sr. No.	CHAINAGE		Division	SIDE	TYPE	Effected LENGTH (m)	Cleared Length (Mtr.)	No. of Locations already shifted	No. of Locations where shifting in progress	Description	Remarks
	From	To									
1	323+030	323+040	Amod		11 KV	10	10	1	Shifted	Electric Line Crossing (Amod)	
2	323+090	323+095	Amod		11 KV	5	5	1	Shifted	Electric Line Crossing (Amod)	
3	323+130	323+140	Amod		11 KV	10	10	1	Shifted	Electric Line Crossing (Amod)	
4	323+160	323+170	Amod		12 KV	10	10	1	Shifted	Electric Line Crossing (Amod)	
5	323+200	323+210	Amod		11 KV	10	10	1	Shifted	Electric Line Crossing (Amod)	
6	323+380	323+440	Amod		11 KV	60	60	1	Shifted	Electric Line Crossing (Amod)	
7	324+600	324+610	Karjan		2/11KV	10	10	1	Shifted	Electric Line Crossing	
8	324+700	324+705	Karjan	LHS		5	5	1	Shifted	Transformer	
9	324+800	324+830	Karjan		2/11KV	30	30	1	Shifted	Electric Line Crossing	
10	324+690	324+710	Karjan		3/11KV	20	20	1	Shifted	Electric Line Crossing	
11	325+180	325+190	Karjan		11 KV	10	10	1	Shifted	Electric Line Crossing	
12	325+180	325+190	Karjan	LHS		10	10	1	shifted	Transformer	
13	325+550	325+570	Karjan		11 KV	20	20	1	shifted	Electric Line Crossing	
14	325+600	325+630	Karjan		11 KV	30	30	1	shifted	Electric Line Crossing	
15	326+900	326+910	Karjan		11 KV	10	10	1	shifted	Electric Line Crossing	
16	327+280	327+290	Karjan		11 KV	10	10	1	shifted	Electric Line Crossing	
17	327+280		Karjan	RHS		5	5	1	shifted	Transformer	
18	327+700	327+710	Karjan		11 KV	10	10	1	shifted	Electric Line Crossing	
19	327+730	327+740	Karjan		11KV	10	10	1	shifted	Electric Line Crossing	
20	327+750	327+760	Karjan		11KV	10	10	1	shifted	Electric Line Crossing	
21	329+290	329+310	Karjan		11 KV	20	20	1	shifted	Electric Line Crossing	
22	329+310	329+330	Karjan		11 KV	20	20	1	shifted	Electric Line Crossing	
23	330+270	330+275	Karjan	RHS	11 KV	5	5	1	shifted	Transformer	
24	330+275	330+570	Karjan	8 Line	12 KV	65	65	1	8 Line shifted	Electric Line Crossing	
25	331+230	331+240	Karjan		11 KV	10	10	1	shifted	Electric Line Crossing	
26	331+430	331+440	Karjan		11 KV	10	10	1	shifted	Electric Line Crossing	
27	331+800	331+820	Karjan		11 KV	20	20	1	shifted	Electric Line Crossing	
28	331+900	331+920	Karjan		11 KV	20	20	1	shifted	Electric Line Crossing	
29	332+050	332+060	Karjan		11 KV	10	20	1	shifted	Electric Line Crossing	
30	332+130	332+150	Karjan		11 KV	20	20	1	shifted	Electric Line Crossing	
31	332+410	332+450	Karjan		11 KV	40	40	1	shifted	Electric Line Crossing	

ANNEXURE - A

Details of Electrical Utilities

Sr. No.	CHAINAGE		Division	SIDE	TYPE	Effected LENGTH (m)	Cleared Length (Mtr.)	No. of Locations already shifted	No. of Locations where shifting in progress	Description	Remarks
	From	To									
32	332+490	332+500	Karjan	RHS		5	5	1	shifted	Transformer	
33	333+100	333+130	Karjan		11 KV	30	30	1	shifted	Electric Line Crossing	
34	333+340	333+350	Karjan	LHS		5	5	1	shifted	Transformer	
35	333+520	333+540	Karjan		11 KV	20	20	1	shifted	Electric Line Crossing	
36	333+620	333+720	Karjan		11 KV	100	100	1	shifted	Electric Line Crossing	
37	333+950	334+000	Karjan		11 KV	50	50	1	shifted	Electric Line Crossing	
38	334+220	334+240	Karjan		11 KV	20	20	1	shifted	Electric Line Crossing	
39	334+575	334+590	Karjan		11 KV	15	15	1	shifted	Electric Line Crossing	
40	334+585	334+610	Karjan		11 KV	35	35	1	shifted	Electric Line Crossing	
41	334+610	334+640	Karjan		11 KV	25	25	1	shifted	Electric Line Crossing	
42	334+690	334+720	Karjan		11 KV	30	30	1	shifted	Electric Line Crossing	
43	334+730	334+770	Karjan	2 Line	11 KV	40	40	1	shifted	Electric Line Crossing	
44	334+800	334+830	Karjan		11 KV	30	30	1	shifted	Electric Line Crossing	
45	335+370	335+400	Karjan		11 KV	30	30	1	shifted	Electric Line Crossing	
46	335+370	335+400	Karjan	LHS	11 KV	30	30	1	shifted	Electric Line Crossing	
47	337+470	337+510	Padra-2		11 KV	40	40	1	shifted	Electric Line Crossing	
48	337+580	337+620	Padra-2		11 KV	40	40	1	shifted	Electric Line Crossing	
49	338+480	338+550	Padra-2		11 KV	70	70	1	shifted	Electric Line Crossing	
50	339+670	339+720	Padra-2		11 KV	50	50	1	shifted	Electric Line Crossing	
51	339+750	339+780	Padra-2		11 KV	30				Electric Line Crossing	
52	341+610	341+650	Padra-2		11 KV	40				Electric Line Crossing	
53	341+790	341+820	Padra-2		11 KV	30	30	1	shifted	Electric Line Crossing	
54	341+780	341+790	Padra-2	C/L	11 KV	10	10	1	shifted	Transformer	
55	343+850	343+870	Padra-2		11 KV	20	20	1	shifted	Electric Line Crossing	
56	343+950	344+000	Padra-2		11 KV	50	50	1	shifted	Electric Line Crossing	
57	344+000	344+060	Padra-2		11 KV	60	60	1	shifted	Electric Line Crossing	
58	344+200	344+280	Padra-2		11 KV	80	80	1	shifted	Electric Line Crossing	
59	345+100	345+120	Padra-2	LHS		20	20	1	shifted	Transformer	
60	348+470	348+480	Padra-2		11 KV	10	10	1	shifted	Electric Line Crossing	
61	348+780	348+850	Padra-2		11 KV	70	70	1	shifted	Electric Line Crossing	
62	349+150	349+160	Padra-1		12 KV	10	10	1	shifted	Electric Line Crossing	

ANNEXURE - A

Details of Electrical Utilities

Sr. No.	CHAINAGE		Division	SIDE	TYPE	Effected LENGTH (m)	Cleared Length (Mtr.)	No. of Locations already shifted	No. of Locations where shifting in progress	Description	Remarks
	From	To									
63	349+440	349+470	Padra-1		11 KV	30	30	1	shifted	Electric Line Crossing	
64	350+340	350+400	Padra-1		11 KV	60	60	1	shifted	Electric Line Crossing	
65	350+320	350+330	Padra-1	RHS		10	10	1	shifted	Transformer	
66	351+400	351+420	Padra-1		11 KV	20	20	1	shifted	Electric Line Crossing	
67	351+420	351+430	Padra-1	LHS		10	10	1	shifted	Transformer	
68	351+530	351+540	Padra-1		11 KV	10	10	1	shifted	Electric Line Crossing	
69	351+680	351+800	Padra-1		11 KV	10	10	1	shifted	Electric Line Crossing	
70	351+820	351+825	Padra-1		11 KV	5	5	1	shifted	Electric Line Crossing	
71	351+830	351+835	Padra-1		11 KV	5	5	1	shifted	Electric Line Crossing	
72	351+870	351+875	Padra-1		11 KV	5	5	1	shifted	Electric Line Crossing	
73	351+875	351+885	Padra-1		11 KV	10	10	1	shifted	Electric Line Crossing	
74	351+885	351+915	Padra-1		11 KV	30	30	1	shifted	Electric Line Crossing	
75	352+300	352+310	Padra-1		11 KV	10	10	1	shifted	Electric Line Crossing	
76	352+445	352+460	Padra-1		11 KV	15	10	1	shifted	Electric Line Crossing	
77	353+415	353+425	Padra-1		11 KV	10	10	1	shifted	Electric Line Crossing	
78	353+445	353+470	Padra-1		11 KV	25	25	1	shifted	Electric Line Crossing	
79	353+510	353+520	Padra-1		11 KV	10	10	1	shifted	Electric Line Crossing	
80	353+525	353+550	Padra-1		11 KV	25			Going on Progress	Electric Line Crossing	
81	353+670	353+920	Padra-1		11 KV	10			Going on Progress	Electric Line Crossing	
82	354+240	354+250	Padra-1		11 KV	10	10	1	Shifted	Electric Line Crossing	
83	354+830	354+835	Padra-1		11 KV	5	5	1	Shifted	Electric Line Crossing	
84	354+950	354+960	Padra-1		11 KV	10	10	1	shifted	Electric Line Crossing	
Total shifted (Length & Locations), Out of above 84 Locations						1965	1865	80	4		100

ANNEXURE - A

Details of Electrical Utilities

Sr. No.	CHAINAGE		Division	SIDE	TYPE	Effected LENGTH (m)	Cleared Length (Mtr.)	No. of Locations already shifted	No. of Locations where shifting in progress	Description	Remarks
	From	To									
EHT Line											
1	323+180	323+200	GETCO		66 KV	20				Electric Line Crossing (Amod)	
2	324+090	324+110	GETCO		1 Tower/220KV	20				High Tension Line Crossing	
3	325+100	325+115	GETCO		1 Tower/220KV	15				High Tension Line Crossing	
4	326+400	326+420	GETCO		1 Tower/220KV	20				High Tension Line Crossing	
5	327+175	327+205	GETCO		220KV	30				High Tension Line Crossing	
6	331+930	331+950	GETCO		66 KV	20				High Tension Line Crossing	
7	353+950	353+960	GETCO		66 KV	10				High Tension Line Crossing	
8	354+000	354+010	GETCO		66 KV	10				High Tension Line Crossing	
9	336+080	336+130	PGCIL		400KV	50				High Tension Line Crossing	
10	340+800	340+950	Torrent		400KV	150				High Tension Line Crossing	
	EHT Line Hindred Length					345					345
	TOTAL LENGTH					2310	1865				445

GETCO/PGCIL/Torrent EHT Line Shifting Matrials Details

Sr. No.	Agency	Utility agency	Chainage	Line Discription	Vendor approval Status	Check survey/ Profile Status	Land Status	Material Vendor approval Status	Material Inspection status
1	Yug Electro Infra	GETCO	323+200	66 KV - Handod Sarbhan Line	Vendor Approval Awaited	Profile approved from PIU Godhra and submitted to GETCO for approval	Profile approval awaited from GETCO	Material vendor approval awaited from GETCO	awaited
2	Yug Electro Infra	GETCO	324+122	220 KV Kosamba - Mobha Lilo(Suva)	Vendor Approval Awaited	Profile approved from PIU Godhra and submitted to GETCO for approval	Profile approval awaited from GETCO	Material vendor approval awaited from GETCO	awaited
3	Yug Electro Infra	GETCO	325+132	220 KV Kosamba - Mobha	Vendor Approval Awaited	Profile approved from PIU Godhra and submitted to GETCO for approval	Profile approval awaited from GETCO	Material vendor approval awaited from GETCO	awaited
4	Yug Electro Infra	GETCO	326+420	220 KV Gavasad - SSLP Line 1 & 2	Vendor Approval Awaited	Profile approved from PIU Godhra and submitted to GETCO for approval	Profile approval awaited from GETCO	Material vendor approval awaited from GETCO	awaited
5	STANZA POWER	GETCO	327+220	220 KV Gavasad - SSLP Line 3 & 4	vendor approval obtain through letter no.CE(Project) /II/T-2 / 66 kv/NHAI /IVKEL/ Patel/ Stanza-5 /4206 Dt.10.11.2020	Profile approved from PIU Godhra and submitted to GETCO for approval	Profile approval awaited from GETCO	Material vendor approval awaited from GETCO	awaited
6	STANZA POWER	GETCO	331+927	66 KV - Karjan- TGBL Line	vendor approval obtain through letter no.CE(Project) /II/T-2/66 kv / NHAI/ IVKEL /Patel /Stanza-4 / 4205 Dt.10.11.2020	Profile approved from PIU Godhra and submitted to GETCO for approval	Profile approval awaited from GETCO	Material vendor approval awaited from GETCO	awaited
7	STANZA POWER	GETCO	353+962	66 KV - Samiyala - Padra DP Line	vendor approval obtain through letter no.CE(Project)/ II/ T-2/ 66kv/ NHAI/ IVKEL/ Patel / Stanza / 2624 Dt.24.09.2020	Profile approved from PIU Godhra and submitted to GETCO for approval	Profile approval awaited from GETCO	Material vendor approval awaited from GETCO	awaited
8	STANZA POWER	GETCO	354+020	66 KV - Gotri- Jambuva- Padra Line	vendor approval obtain through letter no.CE (Project) /II/ T-2/ 66kv/NHAI/ IVKEL /Patel /Stanza/ 2623 Dt.24.09.2020	Profile approved from PIU Godhra and submitted to GETCO for approval	Profile approval awaited from GETCO	Material vendor approval awaited from GETCO	awaited
9	Om power	PGCIL	336+000	400 KV	Approved	Check survey done, Profile Submitted to PIU Goudhra for rievew and approval	Profile approval awaited		
10	Om power	Torrent	340+950	400 KV	Approved	Check survey done, Profile Submitted to PIU Goudhra for rievew and approval	Profile approval awaited		

Details of Water Pipe Lines/Borewell/Canal Crossing

SR. NO.	CHAINAGE		SIDE	TYPE	EFFECTED LENGTH	REMARKS
	From	To				
1	323+040	323+050	LHS	CANAL CROSSING		
2	323+165	323+175	C/L	TUBEWELL		
3	324+160	324+185	BHS	CANAL CROSSING		
4	324+180	324+210	BHS	CANAL CROSSING		
5	324+225	324+250	BHS	CANAL CROSSING		
6	324+215	324+240	BHS	CANAL CROSSING		
7	324+600	324+610	LHS	TUBEWELL		
8	324+960	324+980	BHS	CANAL CROSSING		
9	325+200	325+210	LHS	TUBEWELL		
10	326+830	326+850	BHS	CANAL CROSSING		
11	327+280	327+290	RHS	TUBEWELL		
12	328+340	328+360	BHS	CANAL CROSSING		
13	329+375	329+385	RHS	TUBEWELL		
14	330+280	330+290	C/L	TUBEWELL		
15	330+520	330+580	BHS	CANAL CROSSING		
16	330+620	330+630	RHS	TUBEWELL		
17	330+820	330+840	BHS	CANAL CROSSING		
18	331+400	331+410	RHS	TUBE WELL		
19	331+800	331+835	RHS	IRRIGATION CHANNEL		
20	332+640	332+660		Nala		
21	333+270	333+300	BHS	IRRIGATION CHANNEL		
22	333+350	333+360	LHS	TUBE WELL		
23	333+670	333+730	BHS	IRRIGATION CHANNEL		
24	334+815	334+825	C/L	TUBE WELL		
25	335+075	335+100	BHS	CANAL CROSSING		
26	336+750	336+900		Vishvamitri river		
27	338+595	338+605	RHS	TUBEWELL		
28	338+950	338+960	RHS	TUBE WELL		
29	339+550	339+675	BHS	CANAL CROSSING		
30	341+600	341+610	RHS	TUBE WELL		
31	342+540	342+560	BHS	CANAL CROSSING		
32	343+240	343+260	RHS	WATER PIPE LINE		
33	345+175	345+185	LHS	TUBE WELL		
34	345+490	345+510	BHS	CANAL CROSSING		
35	346+740	346+760	BHS	CANAL CROSSING WITH CULVERT		
36	347+530	347+550	BHS	CANAL CROSSING		
37	349+455	349+465	LHS	TUBE WELL		
38	350+300	350+315	BHS	TUBE WELL		
39	351+240	351+260	RHS	CANAL CROSSING		
40	351+245	351+255	C/L	TUBE WELL		
41	351+415	351+435	BHS	WATER LINE CROSSING		
42	351+530	351+540	RHS	WELL		
43	352+880	353+000	RHS	CANAL CROSSING		
44	354+330	354+340	RHS	BOREWELL		
				TOTAL LENGTH	0	

Details of Permanent structure like Building etc.

Sr. No	Chainage		Side	Structure type	Effected Length (m)	Effected Width (m)	Effected Zone
	From	To					
1	327+280	327+320	RHS	COW SHELTER			
2	329+350	329+355	LHS	COW SHELTER			
3	329+365	329+375	BHS	HOUSE			
4	330+320	330+330	BHS	HOUSE			
5	341+750	341+851	LHS	ONGC GAS OFFICE	100		
TOTAL LENGTH					100		

Details of Gas Pipe Lines

Sr. NO	Chainage		SIDE	TYPE	Effected Length (m)	REMARKS
	From	To				
1	343+560	343+620	BHS	GAIL COMPOUND WALL	60	Boundary Wall
TOTAL LENGTH					60	

Details of Religious Structures like Temple, Mosque etc.

Sr. No.	Temple Chainage	Side	EFFECTED LENGTH	Remarks
1	349+441	Cross Road (RE Wall)	0	Temple
2	353+670	LHS	0	Mazar/Mosque
TOTAL LENGTH			0	

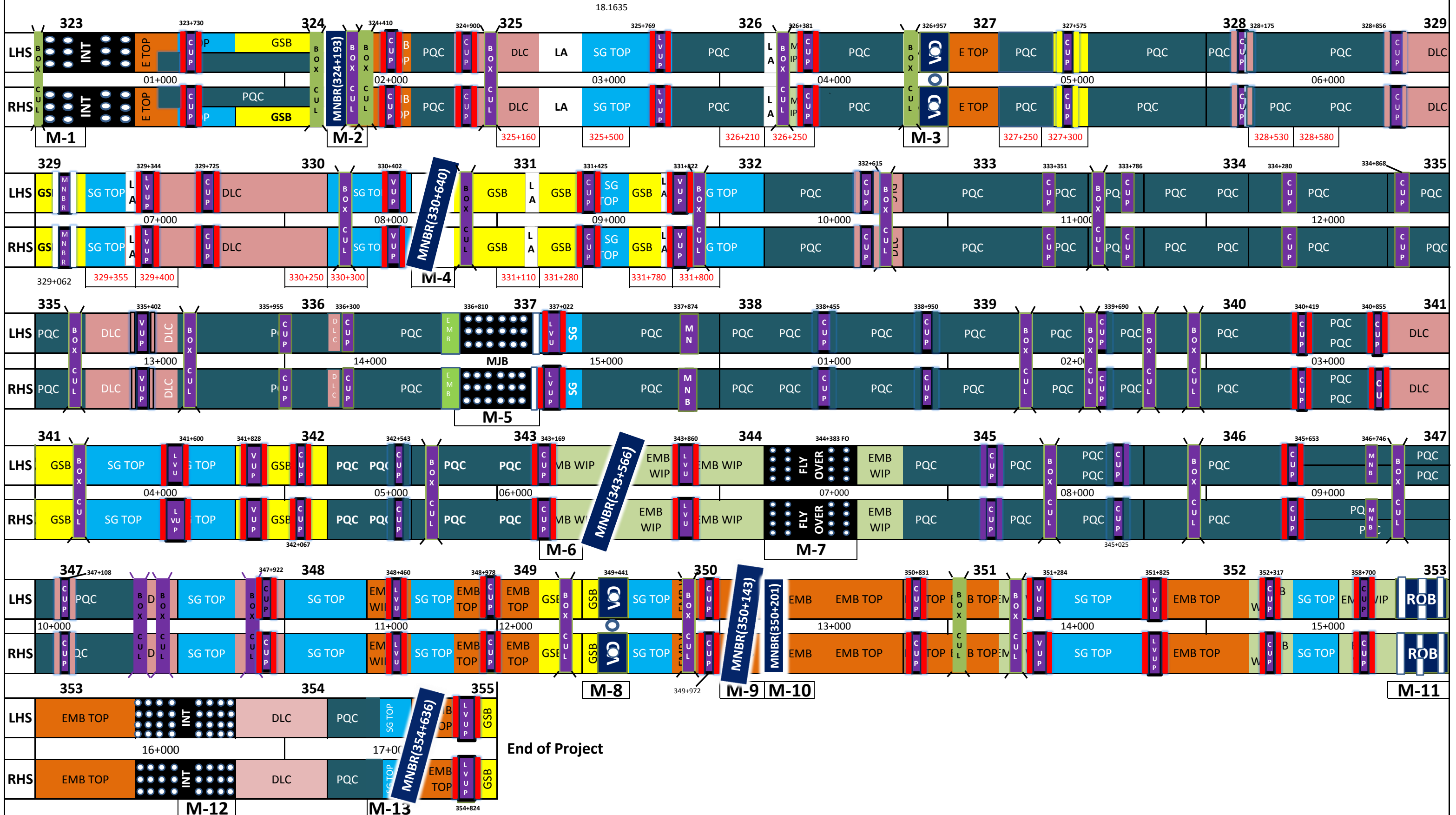
Details of Land related Hindrances as on 31.03.2021

Sr. No.	Chainage from	Affected length	Village Name	Survey No.	Structure/ Highway Affected	Owner Name	Hindrance Description	Current Status
Payment/ Add.3A Issues								
1	325+160	325+320	0	Sanpa	337	HPC	Govardhanbhai Ranchoddas	additional acquisition Payment Done
2	325+320	325+500	0	Sanpa	527	Highway	Mohadbhai aslam esab	additional acquisition Payment Done today but Rs. 5 Lakh hold due to BCC Loan
3	326+210	326+250	0	Sanpa	169	Highway	Patel Babubhai ambalal	additional acquisition Payment Done
4	331+780	331+800	0	Handod	8	Highway	Prafulbhai Bhatt	additional acquisition Payment Done
5	329+355	329+400	0	Kanbha	413	Highway	Malik Yusuphbhai	additional acquisition Payment Done
6	330+250	330+300	0	Kanbha	296	Highway	Idrishbhai ahamadbhai	additional acquisition Payment Done
7	328+555	328+580	0	Bodka	161	Highway	Neelesh Patel	additional acquisition Payment Done
Total Length		0						
Other Issue								
1	341+750	341+850	0	Amla		LVUP	ONGC GAS OFFICE	ONGC Well Demand note payment awaited from NHAI
2	343+560	343+620	0	Sarswani	944	Minor Bridge	Rasikbhai Vitthalbhai Patel & GAIL	GAIL Compound wall Need to resolve from PIU
3	351+300	351+350	50	Sokhda khurd	77	Highway	Jagdishbhai shivabhai solanki	Payment done but Ghanot has not given Possesion Force possession is being persuaded
Total Length		50						
Interchange/ Amenities issues								
1	323+000	323+400	400	Matar	Unknown	Interchange Ramp	Unknown	Interchange Ramp and Toll plaza 3G Award prepration approval form NHAI
2	353+666		200	Samiyala	375	Down ramp -1	Indira colony	46 houses effected of Indira colony at down ramp-1, need to relocate Relocation proposal submitted to DC Vadodara
3	353+100	353+160	160	Samiyala	308	Proposed Petrol Pump area	RAMANBHAI SOMABHAI GOHIL	Land measurement issue at Petrol pump area Pending at NHAI / Secon end
4					301		KAYAMALI NURUDDIN SAIYAD	Land measurement issue at Petrol pump area Pending at NHAI / Secon end
5					303		CHIMANLAL MANGALBHAI PARMAR	Land measurement issue at Petrol pump area Pending at NHAI / Secon end
6	353+666		80	Samiyala	409	Down ramp -3	Makwana Dahyabhai Jethabhai	Payment not disbursed
7	353+667		50	Samiyala	390	Down ramp -2	MANJULABEN CHAMPAKLAL THAKKAR	BPCL Petrol pump BPCL Started Relocation Process
8	353+800	353+810	10	Samiyala	470	Interchange circle	Sitaben	NHAI acquired 0.1947 Hact. Land in survey no.470 but farmer survey no.470 Land area is 0.2125 Hact.. and total survey no. is coming in NHAI Acquisition for interchange loop section. Farmer claimed rest land area (0.0178 Hact.) compensation. Farmer also persuade to CALA office for rectifying this discrepancy on his survey no. Add.3A Pursual awaited from Secon/NHAI end. Seacon/ NHAI needs to resolve it
Total Length		900						
Total effected length		950						

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

	EMB Top	SG Top	GSB TOP	DLC	PQC 8-LANE	EMB WIP
Scope Length(km)	30.52	30.52	30.52	30.52	30.52	30.52
Length Completed(km)	29.20	26.80	25.80	25.20	20.60	30.40

Structure Scope (No.)	Work Completed	Work in Progress	LA Hindrance (Km)	Utility Hindrance(km)	M-	STR
157	128	29	0.300	0.450	Major Structure	RE Wall Gap



End of Project

Contractor:
PATEL
 Every Milestone is Our Value

Concessionaire:
IRCON INTERNATIONAL LIMITED
 (A Government of India Undertaking)

Independent Engineer :
AARVEE ASSOCIATES
 architects engineers & consultants pvt. ltd.
 An ISO 9001:2015 Certified Company

Client:
NATIONAL HIGHWAYS AUTHORITY OF INDIA
 (Ministry Of Shipping Road Transport & Highways Government Of India)

Details of Letter Correspondence From PIL TO IRCON.

Sr.	Date	Letter Number	Subject
1	01.03.2021	PIL/ VK2/ IRCON/ 903 / 2021	Submission for approval of Stage Payment Statement (IPC) Nos. 21 - A & 21 - B for stages completed for the period 01.02.2021 to 28.02.2021 as per amendments/modified Schedule – H.
2	01.03.2021	PIL/ VK2/ IRCON/ 904 / 2021	Submission of detailed drawing of “Thrie” Metal beam Crash Barrier to be fixed in the median and at shoulder on either end of the Main Carriageway (MCW).
3	01.03.2021	PIL/ VK2/ IRCON/ 905 / 2021	Submission of Concrete mix design-M50 PSC - Reg.
4	01.03.2021	PIL/ VK2/ IRCON/ 906 / 2021	Submission of Design and Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps for VUP at Ch. 351+284
5	01.03.2021	PIL/ VK2/ IRCON/ 907 / 2021	Action Taken Report in respect of Directions Issued regarding Road Safety Month – 2021.
6	02.03.2021	PIL/HO/VKP2/IRCON/166/2021	Submission of Company Profile and Credential of M/s HAQ Steels and Metaliks Ltd. for the source approval of “TMT Bars” to be used in Expressway Highway"
7	02.03.2021	PIL/HO/VKP2/IRCON/169/2021	Intimation for production of Paver block to be installed at WaySide Amenities in the Project Highway.
8	03.03.2021	PIL/HO/VKP2/IRCON/170/2021	Compliance Regarding Submission of Company Profile of M/s Tube Investments of India Pvt. Ltd. (Murugappa group) for the source approval of “TMT Bars” (Product name-TI Macho TMT Bars) to be used in Expressway Highway
9	03.03.2021	PIL/ VK2/ IRCON/ 908 / 2021	Submission of “Monthly Progress Report” for the Month of February - 2021.
10	04.03.2021	PIL/ VK2/ IRCON/ 909 / 2021	Submission for approval of Stage Payment Statement (IPC) Nos. 21 - A & 21 - B for stages completed for the period 01.02.2021 to 28.02.2021 as per amendments/modified Schedule – H. Request to Release Part Payment against the Stage Payment Statement (IPC) No.- 21 under Contract Clause 19.5.1.
11	04.03.2021	PIL/ VK2/ IRCON/ 910 / 2021	Submission of Shop Drawings of Strip Seal Type Expansion Joint for Interchange Ch. 323+075 & MNB Ch. 324+193 & 330+640.
12	05.03.2021	PIL/ VK2/ IRCON/ 912 / 2021	Submission of test report of Steel composite girder of 326+957- Reg.
13	05.03.2021	PIL/ VK2/ IRCON/ 913 / 2021	Submission of Construction methodology of PQC pavement crack seal - Reg.
14	06.03.2021	PIL/ VK2/ IRCON/ 915 / 2021	Precast box culvert-Invite for factory visit of Fuji Silvertch Concrete Pvt.Ltd. - Reg.
15	06.03.2021	PIL/ VK2/ IRCON/ 916 / 2021	Submission of Drawing and Design for staging arrangement for Box Girder of Interchange Ch.353+670 RHS side.
16	06.03.2021	PIL/ VK2/ IRCON/ 917 / 2021	Submission of Handed over/ Taken Over Certificate dated 05.03.2021 received from office of the Deputy Engineer (Dist.) Padra 2 – HT / LT Line & TC shifting. (Potaliya)
17	06.03.2021	PIL/HO/VKP2/IRCON/179/2021	Regarding Submission of Revised Drawing of Toe drain for construction using Geo cell and Geotxtile in Project Highway.
18	08.03.2021	PIL/HO/VKP2/IRCON/184/2021	Regarding Submission of Company Profile of M/s. Vaaan Infra Pvt.Ltd. for the source approval of ATMS & TMS is to be used in Expressway Highway
19	09.03.2021	PIL/ VK2/ IRCON/ 918 / 2021	Submission of Utility IPC - 01 for shifting of MGVCL Electrical Lines, LT/HT crossing and TC Centre for Padra -2 Sub Division. (Potaliya Enterprise)
20	09.03.2021	PIL/ VK2/ IRCON/ 920 / 2021	Submission of Location, segmental and Erection of Precast box culvert details

Details of Letter Correspondence From PIL TO IRCON.

Sr.	Date	Letter Number	Subject
21	10.03.2021	PIL/ VK2/ IRCON/ 921 / 2021	Submission of Design & Drawing Report of Box Culvert at Ch. 343+883 to be constructed for crossing of carrying the GWSSB line through/under the Main Carriageway.
22	12.03.2021	PIL/ VK2/ IRCON/ 922 / 2021	Submission of Company profile & credentials of M/S. HI-BOND Cement India Private Limited for source approval of cement. - Req.
23	12.03.2021	PIL/ VK2/ IRCON/ 923 / 2021	Request Regarding return of MB No. 67 & 70 for Utility shifting Bill Padra 2 and Padra 1 respectively.
24	13.03.2021	PIL/HO/VKP2/IRCON/193/2021	Compliance for Submission of Shop Drawings of Strip Seal Type Expansion Joint for MNB Ch. 354+636, MJB Ch 336+810, Interchange Ch. 353+670, VOP Ch. 326+957, ROB Ch. 352+946 & MNB Ch. 350+201 & Ch. 350+143
25	15.03.2021	PIL/ VK2/ IRCON/ 924 / 2021	Submission of Design and Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps for Structure ROB at Ch. 352+946.
26	15.03.2021	PIL/ VK2/ IRCON/ 925 / 2021	Submission of Design & Drawing of crash barrier with Friction slab to be placed over RS wall for VOP at Ch. 326+957 & 349+441.
27	15.03.2021	PIL/ VK2/ IRCON/ 926 / 2021	Submission of Utility IPC - 02 for shifting of MGVCLE Electrical Lines, LT/HT crossing and TC Centre for Padra -1 Sub Division. (Hand over / Taken Over Certificate also attached) (Stanza Power)
28	15.03.2021	PIL/ VK2/ IRCON/ 927 / 2021	Planning & Methodology to be Executed in the Median Plantation, Avenue Plantation and Drip irrigation work for above expressway Project from KM 323+000 to 355+000.
29	15.03.2021	PIL/ VK2/ IRCON/ 928 / 2021	Submission of Revised Profile Drawing for Approval for the shifting of 400 KV D/C Gandhar – Dehgam Line of PGCIL between location 91 to 95. (Om Power)
30	16.03.2021	PIL/ VK2/ IRCON/ 929 / 2021	Submission of Design and Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps for Structure Interchange at Ch. 353+670.
31	16.03.2021	PIL/HO/VKP2/IRCON/198/2021	Regarding Submission of Typical Drawing of Rain Water Harvesting.
32	16.03.2021	PIL/HO/VKP2/IRCON/199/2021	Regarding intimation of Force Majeure Event on account of the continuing effect of COVID-19 pandemic and 2nd wave of COVID-19.
33	16.03.2021	PIL/ VK2/ IRCON/ 930 / 2021	Request for approving the PGCIL approved vendor for purchase of materials for Shifting Work of 400kV D/C Gandhar - Dehgam Transmission Line of POWRGRID for the proposed Vadodara-Mumbai Eight Lane Expressway in the state of Gujarat.
34	16.03.2021	PIL/ VK2/ IRCON/ 931 / 2021	Submission of IPC No. 22 for Price adjustment for the stages of works completed up to IPC 21, i.e Up to 28.02.2021
35	17.03.2021	PIL/ VK2/ IRCON/ 932 / 2021	Submission of Company profile and credential of M/s RAMA Power and Steel Pvt. Ltd. for the source approval of "TMT Steel Bar & Dowel Bar " to be used in the Project.
36	17.03.2021	PIL/ VK2/ IRCON/ 933 / 2021	Submission of Drawing for tail end protection of RS wall structure for 8m and 10m high using Geocell infill with PCC.
37	17.03.2021	PIL/ VK2/ IRCON/ 934 / 2021	Submission of Test Reports of Pin & Metallic Guided Bearings for Interchange Ch 323+075 & MNB Ch. 324+193 Conducted by Manufacturer/Supplier M/s Dynamic Prestress (i) Pvt. Ltd. at Nasik unit dated 15th March 2021.
38	17.03.2021	PIL/ VK2/ IRCON/ 935 / 2021	Submission of Company profile and credential of M/s SCM Noble Agencies for the source approval of Anti-CRAK Fibers to be used in PQC in the Project.

Details of Letter Correspondence From PIL TO IRCON.

Sr.	Date	Letter Number	Subject
39	17.03.2021	PIL/HO/VKP2/IRCON/200/2021	Submission of Drawing and Technical Documents for ATMS & TMS at Toll Plaza location.
40	18.03.2021	PIL/ VK2/ IRCON/ 936 / 2021	Regarding Slow Progress of Earthwork.
41	18.03.2021	PIL/ VK2/ IRCON/ 937 / 2021	Submission of minutes of factory visit and test report of Fuji Silvertch Concrete Pvt. Ltd. - Reg.
42	18.03.2021	PIL/ VK2/ IRCON/ 938 / 2021	Compliance Submission for Shop Drawings of Strip Seal Type Expansion Joint for Interchange Ch. 323+075 and MNB Ch. 324+193 & 330+640.
43	20.03.2021	PIL/ VK2/ IRCON/ 940 / 2021	Submission of Concrete mix design - M25 PCC, M30 RCC, M35 RCC and M40 RCC.
44	20.03.2021	PIL/ VK2/ IRCON/ 941 / 2021	Compliance for Submission of M-50 & 55 (PSC) Grade Mix Design with Nuvoco 53 Grade Cement and Micro Silica.
45	20.03.2021	PIL/ VK2/ IRCON/ 942 / 2021	Submission of Company Profile & Work Methodology of S M Enterprises for Injection Pressure Grouting to be used for rectifying cracks in Girder G – 56 at MNB Ch 343+566.
46	20.03.2021	PIL/ VK2/ IRCON/ 943 / 2021	Submission of PQC mix design - Reg.
47	20.03.2021	PIL/ VK2/ IRCON/ 944 / 2021	Request to Release the Amount withheld Up to IPC 21.
48	22.03.2021	PIL/ VK2/ IRCON/ 945 / 2021	Submission of Shop Drawings of Strip Seal Type Expansion Joint for Flyover Ch. 344+383 & Minor Bridge Ch. 343+566.
49	22.03.2021	PIL/ VK2/ IRCON/ 946 / 2021	Submission of Compliance of HT Strands - Reg.
50	22.03.2021	PIL/ VK2/ IRCON/ 947 / 2021	Submission of Compliance for Design and Drawing of RCC Retaining Wall up to 15m Height.
51	23.03.2021	PIL/ VK2/ IRCON/ 948 / 2021	Submission of Design & Drawing of L-Shaped Retaining Wall of Total Height 9.0m for MNB at CH. 343+566.
52	23.03.2021	PIL/ VK2/ IRCON/ 949 / 2021	Compliance Submission for Drawings of Bull Nose, Toll Booth, Kerb and Crash barrier Proposed at Toll Plaza Location.
53	24.03.2021	PIL/ VK2/ IRCON/ 949 A/ 2021	Issue raised during zero hour in look sabha on dated 16.09.20 by Shri Devusinh Chauhan Hon"ble MP, LS reg. issue of water logging on account on infrastructure project.
54	25.03.2021	PIL/ VK2/ IRCON/ 950 / 2021	Submission of Borrow area soil test reports for B.A. No. 103B, 103C, 78D, 78E, 104A,106 & 106A.
55	25.03.2021	PIL/HO/VKP2/IRCON/218/2021	Submission of General Arrangement and Detailed Drawing of VOP at Ch. 326+957
56	26.03.2021	PIL/ VK2/ IRCON/ 951 / 2021	Submission of Drawing of Widen Box Culvert at Ch. 0+830 of VOP location 349+441.
57	26.03.2021	PIL/ VK2/ IRCON/ 952 / 2021	Submission of Dormitory working drawings for Wayside Amenity at Ch. 346+060.
58	26.03.2021	PIL/ VK2/ IRCON/ 953 / 2021	Submission of Dormitory working drawings for Wayside Amenity at Ch. 347+410.
59	26.03.2021	PIL/ VK2/ IRCON/ 954 / 2021	Report on achievement of Project Milestone - III in pursuant to Clause 4.3, Schedule - J of the Contract Agreement - Reg.
60	30.03.2021	PIL/HO/VKP2/IRCON/222/2021	Request to release Bank Guarantees against the recovery of 2nd Mobilization advance payment.

Details of Letter Correspondence From IRCON to PIL

Sr.	Date	Letter Number	Subject
1	01.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2825	Submission of company profile of M/s Tube Investments of India Pvt. Ltd. (Murugappa group) for source approval of TMT Bars (Product name - TI Macho TMT Bars) to be used in Project Highway
2	01.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2826	Submission of Test Results of Borrow Area no. 94C,94D,96C,96D,102A,105 and 105A.
3	01.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2827	Testing of Metallic Guided bearings, PIN fix Bearings, Float bearings for Interchange at ch-353+666 by manufacturer M/s Hercules Structural Engineering Pvt. Ltd.
4	01.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2828	Submission of drawings of Bull Nose, Toll Booth, Kerb and Crash barrier proposed at Toll Plaza Location.
5	01.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2829	Submission of company profile of M/s Solucia Infra Solutions Pvt. Ltd for supply and installation of Road Signages in Project Expressway.
6	02.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2835	Execution of Pavement Quality Concrete (PQC)
7	02.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2836	MIS Data required for the Constriction of work
8	02.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2837	Submission of proposal for construction of Chute drain with Geocell and Geotextile for Slope protection work in Project highway
9	03.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2838	Compliance regarding submission of Toll Plaza Administrative Building plan at Interchange Chainage Km. 353+666 for each Loops and Ramps
10	03.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2839	Non Conformance Report (NCR) No. 20 (Reg. Metal beam crash barrier erection still under progress at Ch. 339+850 to 340+150 in Shoulder RHS without source Approval & ignoring IE's Instruction. IE has already issued NCR no 19 for same work in median at ch. 339+850 to 339+950 RHS which yet not closed)
11	03.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2840	Submission of company profile and Credentials M/s Bajaj Reinforcement LLP for Bajaj Fibre Guard fibrillated Polypropylene fibres to be used for PQC works
12	03.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2841	Poor Concreting work at LHS -Soffit Slab of Box Girder at Interchange (Ch. 353+666) casted from 28.02.2021 to 01.03.2021
13	04.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2843	Request for vendor approval of Bolt- Nut (Make: M/s. Roshan Impex, Ludhiana) for the Shifting work of 400KV D/C Gandhar - Dehgam Line of POWERGRID for the proposed Vadodara - Mumbai Eight Lane Expressway in the state of Gujarat.
14	04.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2844	Review of profile for Shifting / diversion work of 400kv D/C Gandhar - Dehgam line in section (91-95), for Mumbai - Vadodara Expressway project (POWERGRID) (OM Power)
15	04.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2845	Recommendation of Concessionaire's request for Extension of Time
16	04.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2846	Damaging of PQC Top finished surface
17	04.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2847	Regarding Slow progress of Earthwork
18	04.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2848	Submission of M 55 (PSC) grade Concrete Mix design with Nuvoco 53 Grade Cement and Micro Silica

Details of Letter Correspondence From IRCON to PIL

Sr.	Date	Letter Number	Subject
19	05.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2853	RA Bill - 01 for shifting/erection of Electrical Utility lines HT/LT lines, poles and related work under MGVCL sub division Karjan – 1, Div. Jambuva, From Km 324+000 to 335+500. (J D Electricals)
20	05.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2854	Representation of Samiyala Gramin Praja Vichar Manch regarding providing road from Laxmipura to Railway near NH Chainage 353
21	05.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2855	Submission of M 50 (PSC) grade Concrete Mix design with Nuvoco 53 grade Cement and Micro Silica
22	05.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2856	Precast Box Culvert and Precast Shoulder Drain work
23	06.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2860	Revalidation of Approved GAD of MoRTH/NHAI
24	06.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2861	REMINDER - Representations regarding Highway on online portal of SWAGAT of Govt. of Gujarat for Village- Goriyad , Ta- Padra Dist: Vadodara.
25	06.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2862	Reg. Approval of GAD for proposed ROB Ch. 361+034 (DFCC Km. 154+470) in section of DFCC Vadodara/Delhi
26	06.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2863	Clarification on Monthly Payment Certificate - 5 (MPC-5) as per NHAI Circular under Atmanirbhar Bharat.
27	06.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2865	Release of Original Bank Guarantees against recovery of Mobilization Advance
28	09.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2869	RA Bill No - 01 for shifting of MGVCL Electrical Lines, LT/HT crossing and TC Centre for Padra -2 Sub Division. (Potaliya Enterprise)
29	09.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2870	Third Party Testing of HT strand
30	09.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2871	Final Component joint Inspection Report of 36 Mt span steel Girder to be used for ROB at Km. 352+968
31	09.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2872	Invite for factory visit of Fuji Silvertch Concrete Pvt. Ltd. for Precast Box Culvert
32	09.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2873	Third Party Testing of HT strand
33	09.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2874	Submission of Detailed drawing of Thrie Metal Beam Crash Barrier to be fixed in Median and Shoulder both side of Main Carriageway
34	10.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2778	Programme of Inspection on the Project Highway for the month of March 2021.
35	10.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2779	Submission of Design and Drawing of Precast Box Culvert at Ch. Km. 344+440 (Connecting Road)
36	10.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2882	Testing of Pin & Metallic Guided Bearings for Interchange at. Ch. 323+075, MNB at Ch. 324+193 & Flyover at Ch. 344+383 by Manufacturer & Supplier by M/s Dynamic Prestress (I) Pvt. Ltd, Nashik
37	11.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2884	Development of cracks in Girder G-56 at MNB 343+566
38	12.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2888	Submission of Construction Methodology of PQC crack seal
39	12.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2889	Regarding slow progress of shifting of electrical Utilities owned by GETCO, PGCIL and Torrent Power Grid Limited.
40	13.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2891	Development of cracks in PQC from Ch. 339+600 to 339+760 RHS Median Side & Ch. 344+955 to 345+120 LHS Median Side
41	13.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2892	Avoiding plantation of Nerium and Thivetia species on Highways median land.

Details of Letter Correspondence From IRCON to PIL

Sr.	Date	Letter Number	Subject
42	15.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2899	Replacement of CV of Key Personnel, Team Leader cum Senior Highway Engineer
43	15.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2900	Waiver of different charges/ fees by state Government
44	16.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2902	Submission of Shop Drawings of Strip Seal Type Expansion Joint for Interchange at Ch. 323+075 & MNB at Ch. 324+193 & at Ch. 330+640
45	16.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2903	Mismatch of approach ramp of interchange 353+670 and IC Flyover at Ch 353+670.
46	16.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2904	Site Visit of CGM (Tech) & RO (Gujarat) on 18/03/2021 for project stretch.
47	16.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2905	NOC regarding Temporary Electrical Connection.
48	17.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2907	Ensuring road safety by implementing WZTMP (Work Zone Traffic Management Plan) in case of renovation/ repair of highways/ main roads.
49	17.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2908	Submission of detailed drawing of VOP at Ch. 326+957 (R1)
50	17.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2909	Review of Monthly Progress Report for the month of February 2021 of the Concessionaire
51	17.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2916	Cracks Observed in Pavement Quality Concrete. (PQC)
52	17.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2917	Request for approving the vendor for purchase of materials for Shifting Work of 400kv D/C Gandhar - Dehgam Transmission Line of POWERGRID for the proposed Vadodara-Mumbai Eight Lane Expressway in the state of Gujarat.
53	17.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2918	Mismatch of alignment at interchange 323+087 between Pkg-II & Pkg-III.
54	19.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2922	Mobilization of Replacement "Team Leader cum Senior Highways Engineer".
55	20.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2930	Regarding proposal for Construction of Toe drain using Geo cell and Geotextile in Project Expressway
56	20.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2931	Regarding approval of interim Extension of Time for project completion schedule (Schedule - J)
57	20.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2932	Submission of Company profile & Credentials of M/s CHRYSO India Pvt. Ltd. for source approval of Chemical Admixture and Curing compound to be used in Project Expressway
58	22.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2937	Issue raised during zero hour in Lok Sabha on 16/09/2020 by Shri Devusinh Chauhan, Hon'ble MP. LS reg. issue of water logging on account on infrastructure project
59	22.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2938	Performance Evaluation of Vendors (VPE-2021) ie. Concessionaires, contractors and consultants-uploading of project details by vendors.
60	22.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2939	NOC regarding Temporary Electrical Connection.
61	22.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2940	Vehicle Tyre impressions on PQC finished surface from Ch. 345+000 to 345+170 RHS Median Side
62	23.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2943	Details of new road projects coming up in the vicinity of Thermal Power plants and Ash requirements
63	23.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2944	Review meeting of Expressway projects chaired by secretary (MoRT&H) and Member (Project)-MK, NHAI HQ on 25th March 2021.
64	24.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2949	Extension of Time/Change of Scope.

Details of Letter Correspondence From IRCON to PIL

Sr.	Date	Letter Number	Subject
65	24.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2951	Issue raised during zero hour in Lok Sabha on 16-09-2020 by Shri Devusinh Chauhan, Hon'ble MP, LS reg issue of water logging on account on infrastructure project
66	24.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2952	Review meeting of Expressway projects chaired by secretary (MoRT&H) and Member (Project)-MK, NHAI HQ on 25th March 2021.
67	25.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2953	Issue raised during zero hour in Lok Sabha on 16-09-2020 by Shri Devusinh Chauhan, Hon'ble MP, LS reg issue of water logging on account on infrastructure project
68	25.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2954	Compliance to the question raised in Zero hour (in Lok Sabha on 16-09-2020 by Shri Devusinh Chauhan, Hon'ble MP, LS reg issue of water logging on account on infrastructure project)
69	26.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2961	Permission for laying 24" OD x 2.25" WT MS LPG Pipeline along with OFC across Vadodara Mumbai National Expressway.
70	27.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2967	Non Conformance Report (NCR) No. 21 (Mix design from concrete done , No test has been conducted at site)
71	27.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2968	Inspection of Package-III to VI of Delhi-Mumbai Expressway on 15.03.2021.
72	27.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2969	Regarding Submission of company profile of M/s Tube Investments of India Pvt ltd (Murugappa group) for source approval of TMT Bars (Product name -T1 Macho TMT Bars) to be used in Project Highway
73	27.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2970	Submission of Company profile & credentials of M/s HAQ Steels and Metaliks Ltd. for Source approval of TMT Bars to be used in Project Highway
74	30.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2972	Report on achievement of Project Milestone - III in pursuant to Clause 4.3, Schedule - J of the Contract Agreement
75	30.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2973	Video of state level progress video for Hon. Minister's Visit of Delhi- Mumbai Expressway at RO level
76	30.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2974	Non Conformance Report (NCR) No. 22. (Pin & Guided Bearing are not placed as per location mentioned in GFC drawing for Span - 01 (A1-P1) LHS at IC Flyover Ch. 353+670)
77	30.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2975	Regarding Submission of company profile of M/s RAMA Power and Steel Pvt. Ltd for source approval of TMT Bars and Dowel bars to be used in Project Highway.
78	30.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2976	Inspection Report of the Independent Engineer for the month of March 2021.

Status of Non Conformance Report (NCR)

Date	Ircon Letter	Subject		Date	PIL Letter	Subject	Date	Ircon Letter	Subject	Status
10.04.2019	IRCON/3019/ VKE/PATEL/ 278	Non Conformance Report (NCR 01)	1	17.04.2019	PIL/ HO/ VKP2/ IRCON/ 264 /2019	Compliance to observation's made on Embankment Construction - Reg.				
			2	11.05.2019	PIL/ HO/ VKP2/ IRCON/ 329 /2019	Compliance to observation's made on Embankment construction - Reg.	07.10.2019	IRCON/ 3019/ VKE/ PATEL / 877	Compliance to Observations made on Embankment construction.	
							07.10.2019	IRCON/ 3019/ VKE/ PATEL / 879	Closure of Non Conformance Report (NCR 01)	Closed
			3	18.05.2019	PIL/HO/ VKP2/ IRCON / 346/2019	Compliance to Observation's Made on Embankment Construction- Reg.	24.06.2019	IRCON/3019/ VKE/PATEL/ 537	Compliance to Observations Made on Embankment construction	
							07.10.2019	IRCON/ 3019/ VKE/ PATEL / 877	Compliance to Observations made on Embankment construction.	
							07.10.2019	IRCON/ 3019/ VKE/ PATEL / 879	Closure of Non Conformance Report (NCR 01)	Closed
			4	20.08.2019	PIL/ HO/ VKP2/ IRCON/ 592 /2019	Compliance to observations made on Embankment construction	07.10.2019	IRCON/ 3019/ VKE/ PATEL / 877	Compliance to Observations made on Embankment construction.	
							07.10.2019	IRCON/ 3019/ VKE/ PATEL / 879	Closure of Non Conformance Report (NCR 01)	Closed
20.05.2019	IRCON/3019/ VKE/ PIL / 1003/ 426	Non Conformance Report (NCR 02) - Reg.	1	11.06.2019	PIL/VK2/ IRCON/ 153 /2019	Submission of Non - Conformance Report (NCR 02)	13.07.2019	IRCON/ 3019/ VKE/ PATEL / 634	Closure of Non Conformance Report (NCR 02)	Closed
14.02.2020	IRCON/ 3019/ VKE/ PATEL / 1315	Non Conformance Report (NCR 03)	1	27.02.2020	PIL/ VK2/ IRCON/ 459 / 2020	Non Conformance Report (NCR for Ch . 335+120 to 335+220 LHS) (NCR03)	07.04.2020	IRCON/ 3019/ VKE/ PATEL / 1534	Closure of Non Conformance Reports (NCR 03)	Closed
18.02.2020	IRCON/ 3019/ VKE/ PATEL / 1341	Non Conformance Report (NCR 04)								Pending
16.07.2020	IRCON/ 3019/ VKE/ PATEL / 1818	Non Conformance Report (NCR) No. 5	1	10.08.2020	PIL/ VK2/ IRCON/ 589 / 2020	Request for Closer of NCR Issued Regarding exposed & rusting steel bars – Non Conformance Report (NCR) No. 5 Reg.				
			2	26.08.2020	PIL/ VK2/ IRCON/ 609 / 2020	Request for Closer of NCR 05 Issued Regarding exposed & rusting steel bars & Submission of physical & chemical test results of Steel. – Non Conformance Report (NCR) No. 5 Reg.	31.08.2020	IRCON/ 3019/ VKE/ PATEL / 1980	Closure of Non Conformance Report (NCR No : 05)	Closed
06.08.2020	IRCON/ 3019/ VKE/ PATEL / 1875	Non Conformance Report (NCR) No. 006 & 007 (Reg. Pile cage rusting at ROB 352+946 & Damaged DLC)	1	08.08.2020	PIL/ VK2/ IRCON/ 585 / 2020	Non Conformance Report (NCR) No. 006 & 007 (Reg. Pile cage rusting at ROB 352+946 & Damaged DLC)	14.08.2020	IRCON/ 3019/ VKE/ PATEL / 1910	Closure of Non Conformance Report (NCR No :06 & 07)	Closed
07.08.2020	IRCON/ 3019/ VKE/ PATEL / 1881	Non closure of NCR issued for improper stacking of steel bars - NCR no 5 , Non Conformance Report (NCR)	1	10.08.2020	PIL/ VK2/ IRCON/ 589 / 2020	Request for Closer of NCR Issued Regarding exposed & rusting steel bars – Non Conformance Report (NCR) No. 5 Reg.				
			2	26.08.2020	PIL/ VK2/ IRCON/ 609 / 2020	Request for Closer of NCR 05 Issued Regarding exposed & rusting steel bars & Submission of physical & chemical test results of Steel. – Non Conformance Report (NCR) No. 5 Reg.	31.08.2020	IRCON/ 3019/ VKE/ PATEL / 1980	Closure of Non Conformance Report (NCR No : 05)	Closed
10.10.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2170	Non Conformance Report (NCR) No. 008 (Reg. Rain cuts at Ch 349+750 to 349+950 BHS)	1	07.11.2020	PIL/ VK2/ IRCON/ 725 / 2020	Request for Closer of NCR 008 Issued Regarding rain cuts at Ch. 349+750 to 349+950 BHS, NCR 009 Issued Regarding rain cuts at Ch. 353+150 to 353+400 BHS & NCR 014 Issued Regarding rain cuts at Ch. 352+000 to 352+100 BHS. Non Conformance Report (NCR) No. 008, 009 & 014.	16.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2351	Closure of Non Conformance Report (NCR No. 008, 009, 010, 011, 012, 013 & 014)	Closed
10.10.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2171	Non Conformance Report (NCR) No. 009 (Reg. Rain cuts at Ch 353+150 to 353+400 BHS & Wate concrete material dumped on slope of Embankment)	1	07.11.2020	PIL/ VK2/ IRCON/ 725 / 2020	Request for Closer of NCR 008 Issued Regarding rain cuts at Ch. 349+750 to 349+950 BHS, NCR 009 Issued Regarding rain cuts at Ch. 353+150 to 353+400 BHS & NCR 014 Issued Regarding rain cuts at Ch. 352+000 to 352+100 BHS. Non Conformance Report (NCR) No. 008, 009 & 014.	16.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2351	Closure of Non Conformance Report (NCR No. 008, 009, 010, 011, 012, 013 & 014)	Closed

Status of Non Conformance Report (NCR)

Date	Ircon Letter	Subject	Date	PIL Letter	Subject	Date	Ircon Letter	Subject	Status	
14.10.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2192	Non Conformance Report (NCR) No. 010, 011, 012. (Huge Rain cuts from Ch. 325+550 to 325+580 LHS, Ch. 327+580 to 327+650 BHS, Ch. 328+300 to 328+400 BHS)	1	23.10.2020	PIL/ VK2/ IRCON/ 700 / 2020	Request for Closer of NCR 010 Issued Regarding huge rain cuts at Ch. 325+550 to 325+580 LHS, NCR 011 Issued Regarding huge rain cuts at Ch. 327+580 to 327+650 BHS, NCR 012 Issued Regarding huge rain cuts at Ch. 328+300 to 328+400 BHS & NCR 013 Issued Regarding huge rain cuts observed both side at Ch. 336+350 to 336+600. Non Conformance Report (NCR) No. 010, 011, 012 & 013.	05.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2297	Non Conformance Report (NCR 10 , 11 , 12 , 13)	
			2	09.11.2020	PIL/ VK2/ IRCON/ 726 / 2020	Request for Closer of NCR 010 Issued Regarding huge rain cuts at Ch. 325+550 to 325+580 LHS, NCR 011 Issued Regarding huge rain cuts at Ch. 327+580 to 327+650 BHS, NCR 012 Issued Regarding huge rain cuts at Ch. 328+300 to 328+400 BHS & NCR 013 Issued Regarding huge rain cuts observed both side at Ch. 336+350 to 336+600. Non Conformance Report (NCR) No. 010, 011, 012 & 013.				
17.10.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2205	Non Conformance Report (NCR) No. 013. (Huge Rain cuts from Ch. 336+350 to 336+600 BHS)	1	23.10.2020	PIL/ VK2/ IRCON/ 700 / 2020	Request for Closer of NCR 010 Issued Regarding huge rain cuts at Ch. 325+550 to 325+580 LHS, NCR 011 Issued Regarding huge rain cuts at Ch. 327+580 to 327+650 BHS, NCR 012 Issued Regarding huge rain cuts at Ch. 328+300 to 328+400 BHS & NCR 013 Issued Regarding huge rain cuts observed both side at Ch. 336+350 to 336+600. Non Conformance Report (NCR) No. 010, 011, 012 & 013.	05.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2297	Non Conformance Report (NCR 10 , 11 , 12 , 13)	
			2	09.11.2020	PIL/ VK2/ IRCON/ 726 / 2020	Request for Closer of NCR 010 Issued Regarding huge rain cuts at Ch. 325+550 to 325+580 LHS, NCR 011 Issued Regarding huge rain cuts at Ch. 327+580 to 327+650 BHS, NCR 012 Issued Regarding huge rain cuts at Ch. 328+300 to 328+400 BHS & NCR 013 Issued Regarding huge rain cuts observed both side at Ch. 336+350 to 336+600. Non Conformance Report (NCR) No. 010, 011, 012 & 013.				
27.10.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2246	Non Conformance Report (NCR) No. 014 (Huge Rain cuts observed from ch. 352+000 to 352+100 BHS)	1	07.11.2020	PIL/ VK2/ IRCON/ 725 / 2020	Request for Closer of NCR 008 Issued Regarding rain cuts at Ch. 349+750 to 349+950 BHS, NCR 009 Issued Regarding rain cuts at Ch. 353+150 to 353+400 BHS & NCR 014 Issued Regarding rain cuts at Ch. 352+000 to 352+100 BHS. Non Conformance Report (NCR) No. 008, 009 & 014.	16.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2351	Closure of Non Conformance Report (NCR No. 008, 009, 010, 011, 012, 013 & 014)	Closed
05.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2297	Non Conformance Report (NCR Returned) (NCR 10 , 11 , 12 , 13)	1	09.11.2020	PIL/ VK2/ IRCON/ 726 / 2020	Request for Closer of NCR 010 Issued Regarding huge rain cuts at Ch. 325+550 to 325+580 LHS, NCR 011 Issued Regarding huge rain cuts at Ch. 327+580 to 327+650 BHS, NCR 012 Issued Regarding huge rain cuts at Ch. 328+300 to 328+400 BHS & NCR 013 Issued Regarding huge rain cuts observed both side at Ch. 336+350 to 336+600. Non Conformance Report (NCR) No. 010, 011, 012 & 013.				Closed
16.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2351	Closure of Non Conformance Report (NCR No. 008, 009, 010, 011, 012, 013 & 014)								Closed
11.12.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2440	Non Conformance Report (NCR) No. 15 (Reg. Huge Rain Cut from ch 329+450 to 329+650)	1	11.01.2021	PIL/ VK2/ IRCON/ 812 / 2021	Request for Closure of Non Conformance Repot (NCR) 15 issued Regarding huge rain cuts at Ch. 329+450 to 329+650.	13.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2578	Closure of Non Conformance Report (NCR 15)	Closed
29.12.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2503	Non Conformance Report (NCR) No. 17 (Reg. Vertical reinforcement for abutment wall are not placed as per drawing in the pile cap A1 RHS at MJB ch 336+810)	1	03.02.2021	PIL/ VK2/ IRCON/ 853 / 2021	Non Conformance Report (NCR) No. 17	09.02.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2715	Closure of Non Conformance Report (NCR 17)	Closed
29.12.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2504	Non Conformance Report (NCR) No. 16 (Reg. Staging arrangement for box culvert of IC Flyover at ch 353+670 is not as per submitted design and drawing)								Pending
20.02.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2785	Non Conformance Report (NCR) No. 18 (Issued by IE Regarding RE Wall Alignment at Ch. 354+832 LVUP RHS A1 & A2 Side)								Pending
27.02.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2815	Non Conformance Report (NCR) no. 19 (Reg. Erection of Metal Beam Crash Barrier at Ch. 339+850 to 339+950 in Median (RHS) without source Approval)								Pending

Status of Non Conformance Report (NCR)

Date	Ircon Letter	Subject	Date	PIL Letter	Subject	Date	Ircon Letter	Subject	Status
03.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2839	Non Conformance Report (NCR) No. 20 (Reg. Metal beam crash barrier erection still under progress at Ch. 339+850 to 340+150 in Shoulder RHS without source Approval & ignoring IE's Instruction. IE has already issued NCR no 19 for same work in median at ch. 339+850 to 339+950 RHS which yet not closed)							Pending
27.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2967	Non Conformance Report (NCR) No. 21 (Mix design from concrete done , No test has been conducted at site)							Pending
30.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2974	Non Conformance Report (NCR) No. 22. (Pin & Guided Bearing are not placed as per location mentioned in GFC drawing for Span - 01(A1-P1) LHS at IC Flyover Ch. 353+670)							Pending

MONTHLY WEATHER REPORT

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

For The Month of March-2021

Client

National Highways Authority of India

Concessionaire

Ircon Vadodara Kim Expressway Ltd.

Independent Engineer

Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.

EPC Contractor

Ircon International Ltd.

Contractor

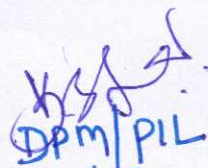
Patel Infrastructure Ltd.

S. No.	DATE	TEMPRATURE (°C)		HUMIDITY (%)		RAINFALL (mm)	CUMM. RAINFALL (mm)	WEATHER	REMARKS
		Min.	Max.	Min.	Max.				
1	01-Mar-21	19.40	33.40	26.00	71.00	-	-	Sunny	
2	02-Mar-21	19.40	33.70	25.00	66.00	-	-	Sunny	
3	03-Mar-21	21.10	34.30	25.00	66.00	-	-	Sunny	
4	04-Mar-21	21.90	33.80	23.00	59.00	-	-	Sunny	
5	05-Mar-21	22.50	34.40	20.00	65.00	-	-	Sunny	
6	06-Mar-21	22.70	34.90	20.00	67.00	-	-	Sunny	
7	07-Mar-21	22.50	34.40	10.00	61.00	-	-	Sunny	
8	08-Mar-21	22.30	34.50	10.00	69.00	-	-	Sunny	
9	09-Mar-21	22.60	34.40	10.00	67.00	-	-	Sunny	
10	10-Mar-21	22.20	34.20	15.00	65.00	-	-	Sunny	
11	11-Mar-21	22.90	33.80	24.00	70.00	-	-	Sunny	
12	12-Mar-21	22.80	32.90	21.00	63.00	-	-	Sunny	
13	13-Mar-21	22.60	34.20	10.00	59.00	-	-	Sunny	
14	14-Mar-21	22.50	33.80	13.00	62.00	-	-	Sunny	
15	15-Mar-21	22.90	33.90	15.00	69.00	-	-	Sunny	
16	16-Mar-21	22.60	34.20	10.00	65.00	-	-	Sunny	
17	17-Mar-21	22.80	33.80	20.00	59.00	-	-	Sunny	
18	18-Mar-21	23.10	35.20	18.00	68.00	-	-	Sunny	
19	19-Mar-21	22.90	35.40	10.00	66.00	-	-	Sunny	
20	20-Mar-21	23.20	35.60	15.00	67.00	-	-	Sunny	
21	21-Mar-21	25.10	35.50	22.00	67.00	-	-	Sunny	
22	22-Mar-21	23.60	35.00	22.00	68.00	-	-	Sunny	
23	23-Mar-21	23.60	35.80	24.00	73.00	-	-	Sunny	
24	24-Mar-21	24.60	35.40	20.00	61.00	-	-	Sunny	
25	25-Mar-21	23.80	34.80	10.00	56.00	-	-	Sunny	
26	26-Mar-21	23.80	36.00	13.00	61.00	-	-	Sunny	
27	27-Mar-21	23.50	36.90	22.00	63.00	-	-	Sunny	
28	28-Mar-21	23.10	35.90	29.00	67.00	-	-	Sunny	
29	29-Mar-21	23.80	37.00	37.00	66.00	-	-	Sunny	
30	30-Mar-21	27.20	36.80	32.00	76.00	-	-	Sunny	
31	31-Mar-21	27.70	37.10	35.00	76.00	-	-	Sunny	

Cummulative Rainfall Till Date


mm


EPC Representative


DPM/PIL
QA/QC


Concessionaire Representative




IE Representative

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

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

MONTHLY QUALITY CONTROL AND ASSURANCE STATEMENT UPTO 31st March-2021
(ROUTINE QUALITY CONTROL TEST IN PACKAGE-II LABORATORY)

S. No.	Description	Frequency of Tests	Reference clause of test frequency	Quantity upto previous month	Quantity during Month	Upto Date quantity	Unit of Quantity	Total No of tests upto previous month			No. of tests during the month			Total No of upto date test			Test Witnessed by IE	Remarks
								Tested	Passed	Failed	Tested	Passed	Failed	Tested	Passed	Failed		
1.0 Tests on Borrow areas for Embankment and Subgrade								36271	36262	68	1745	1745	0	38016	38007	68	349	
1.1	FSI	1 test /1500 m ³	Mutually Agreed	9017450.0	450763.17	9468213.2	Cum	6012	6012	0	315	315	0	6327	6327	0	63	
1.2	Grain Size Analysis	1 test /1500 m ³	Mutually agreed				Cum	6012	6012	0	315	315	0	6327	6327	0	63	
1.3	LL / PL / PI	1 test /1500 m ³	Morst&h Clause 903.2.1				Cum	6012	6012	0	315	315	0	6327	6327	0	63	
1.4	MDD / OMC	1 test /1500 m ³	Morst&h Clause 903.2.1				Cum	6012	6012	0	315	315	0	6327	6327	0	63	
1.5	CBR Test	1 test /3000 m ³	Morst&h Clause 903.2.1				Cum	948	948	59	0	0	0	948	948	59	0	
1.6	Field Density (Emb. Layer)	1 test /3000 m ²	Morst&h Clause 903.2.2	27787500.0	1249288.9	29036788.9	Sqm	9615	9611	4	420	420	0	10035	10031	4	84	
1.7	Field Density (Sub. Layer)	1 Set /2000 m ²	Morst&h Clause 903.2.3	2724800.0	74400.0	2799200.0	Sqm	1622	1617	5	55	55	0	1677	1672	5	11	
1.8	Field Density (Shoulder)	1 Set /2000 m ²	Morst&h Clause 903.2.3	75849.2	5255.0	81104.2	Sqm	38	38	0	10	10	0	48	48	0	2	
2.0 Tests on OGL Samples(MCW & SR)								4086	4078	8	0	0	0	4086	4078	8	0	
2.1	FSI	1 test /250 m	Mutually agreed				Km	226	226	0	0	0	0	226	226	0	0	
2.2	Grain Size Analysis	1 test /250 m	Mutually agreed				Km	226	226	0	0	0	0	226	226	0	0	
2.3	LL / PL / PI	1 test /250 m	Mutually agreed				Km	226	226	0	0	0	0	226	226	0	0	
2.4	MDD / OMC	1 test /250 m	Mutually agreed				Km	226	226	0	0	0	0	226	226	0	0	
2.5	CBR Test	As required	Mutually Agreed				Km	30	30	0	0	0	0	30	30	0	0	
2.6	Field Density (Emb. Layer)	1 test /1000 m ²	Morst&h Clause 903.2.2				Sqm	3152	3144	8	0	0	0	3152	3144	8	0	
3.0 Backfilling Structure Work								1120	1115	5	140	140	0	1260	1255	5	28	
3.1	FSI	1 test /1500 m ³	Mutually Agreed	229500.0	30000.00	259500.0	Cum	153	153	0	20	20	0	173	173	0	4	
3.2	Grain Size Analysis	1 test /1500 m ³	Mutually agreed				Cum	153	153	0	20	20	0	173	173	0	4	
3.3	LL / PL / PI	1 test /1500 m ³	Morst&h Clause 903.2.1				Cum	153	153	0	20	20	0	173	173	0	4	
3.4	MDD / OMC	1 test /1500 m ³	Morst&h Clause 903.2.1				Cum	153	153	0	20	20	0	173	173	0	4	
3.5	Field Density (Emb. Layer)	1 test /3000 m ²	IRC SP 102, Cl. 4.2	699450.0	120000.00	819450.0	Sqm	508	503	5	60	60	0	568	563	5	12	

MONTHLY QUALITY CONTROL AND ASSURANCE STATEMENT UPTO 31st March-2021
(ROUTINE QUALITY CONTROL TEST IN PACKAGE-II LABORATORY)

S. No.	Description	Frequency of Tests	Reference clause of test frequency	Quantity upto previous month	Quantity during Month	Upto Date quantity	Unit of Quantity	Total No of tests upto previous month			No. of tests during the month			Total No of upto date test			Test Witnessed by IE	Remarks		
								Tested	Passed	Failed	Tested	Passed	Failed	Tested	Passed	Failed				
4.0 Tests on Granular Sub - Base Course(GSB)								5073	5073	0	416	416	0	5489	5489	0	83			
4.1	Gradation	1 test /400 m ³	Morth Cl. 903.3.3.1	163680	35419.00	199099.00	cum	868	868	0	90	90	0	958	958	0	18			
4.2	LL / PL / PI	1 test /400 m ³	Morth Cl. 903.3.3.1				cum	832	832	0	90	90	0	922	922	0	18			
4.3	MDD/OMC	As required	Mutually Agreed				cum	42	42	0	0	0	0	42	42	0	0			
4.4	CBR test	As required	Morth Cl. 903.3.3.1				cum	8	8	0	0	0	0	8	8	0	0			
4.5	10 Percent fine value	1 per Batch	Mutually Agreed				cum	2	2	0	0	0	0	2	2	0	0			
4.6	Field Density	1 test /1000 m ²	Morth Cl. 903.3.3.1				1091200	236126.667	1327326.67	Sqm	3321	3321	0	236	236	0	3557	3557	0	47
5.0 Tests on Aggregate Base Course(WMM)								0	0	0	0	0	0	0	0	0	0			
5.1	Mix aggregate Gradation	1 test /100 m ³	Morth Cl. 903.3.1 (Table 900-3)				Cum	0	0	0	0	0	0	0	0	0	0			
5.2	Plasticity Index	1 test /100 m ³	Morth Cl. 903.3.1 (Table 900-3)				Cum	0	0	0	0	0	0	0	0	0	0	0	0	
5.3	Aggregate Impact Value	1 test /200 m ³	Morth Cl. 903.3.1 (Table 900-3)				Cum	0	0	0	0	0	0	0	0	0	0	0	0	
5.4	Flakiness & Elongation Test	1 test /200 m ³	Morth Cl. 903.3.1 (Table 900-3)				Cum	0	0	0	0	0	0	0	0	0	0	0	0	
5.5	Water Absorption	As required	Mutually Agreed				Cum	0	0	0	0	0	0	0	0	0	0	0	0	
5.6	Proctor Test	As required	Mutually Agreed				Cum	0	0	0	0	0	0	0	0	0	0	0	0	
5.7	Field Density	1 test /500 m ²	Morst&h Table No. 900-3				Sqm	0	0	0	0	0	0	0	0	0	0	0	0	
6.0 Bitumen								0	0	0	0	0	0	0	0	0	0			
6.1	Specific Gravity	1 test per lot/Batch	IS 73-Table 2				MT	0	0	0	0	0	0	0	0	0	0			
6.2	Penetration @ 25 degree	1 test per sample	Table no. 2 of IS 73 and Cl. 7				MT	0	0	0	0	0	0	0	0	0	0	0	0	
6.3	Softening point (R & B)	1 test per sample	Table no. 2 of IS 73 and Cl. 7				MT	0	0	0	0	0	0	0	0	0	0	0	0	
6.4	Absolute viscosity @ 60 degree	1 test per Sample	Table no. 2 of IS 73 and Cl. 7				MT	0	0	0	0	0	0	0	0	0	0	0	0	
6.5	Kinematic Viscosity @ 135 degree	1 test per Sample	Table no. 2 of IS 73 and Cl. 7				MT	0	0	0	0	0	0	0	0	0	0	0	0	









MONTHLY QUALITY CONTROL AND ASSURANCE STATEMENT UPTO 31st March-2021
(ROUTINE QUALITY CONTROL TEST IN PACKAGE-II LABORATORY)

S. No.	Description	Frequency of Tests	Reference clause of test frequency	Quantity upto previous month	Quantity during Month	Upto Date quantity	Unit of Quantity	Total No of tests upto previous month			No. of tests during the month			Total No of upto date test			Test Witnessed by IE	Remarks
								Tested	Passed	Failed	Tested	Passed	Failed	Tested	Passed	Failed		
7.0 Fine Aggregate(Sand for Concrete)																		
7.1	Sieve Analysis (Gradation)	1 test per sublot divided	IS 2386 (Part-1) Mort&h C-1008				MT	1266	1266	0	60	60	0	1326	1326	0	12	
7.2	Material passing 75 micron (Silt Content)	1 test per sublot divided	IS 2386 (Part-1) Mort&h C-1008				MT	621	621	0	30	30	0	651	651	0	6	
7.3	Water absorption	1 test per sublot divided	IS 2386 (Part-3) Mort&h C-1008				MT	621	621	0	30	30	0	651	651	0	6	
7.4	Specific gravity (SSD)	1 test per sublot divided	IS 2386 (Part-3) Mort&h C-1008				MT	12	12	0	0	0	0	12	12	0	0	
							MT	12	12	0	0	0	0	12	12	0	0	
8.0 Coarse Aggregate(For Concrete)																		
8.1	Sieve Analysis (Gradation)	1 test per sublot divided	IS 2386 (Part-1) Mort&h C-1007				MT	1345	1345	0	40	40	0	1385	1385	0	8	
8.2	Aggregate Impact Value	1 test per sublot divided	IS 2386 (Part-4) Mort&h C-1007				MT	622	622	0	30	30	0	652	652	0	6	
8.3	Flakiness Index	1 test per sublot divided	IS 2386 (Part-1) Mort&h C-1007				MT	352	352	0	5	5	0	357	357	0	1	
8.4	Specific gravity (SSD)	1 test per sublot divided	IS 2386 (Part-3) Mort&h C-1007				MT	353	353	0	5	5	0	358	358	0	1	
8.5	Water absorption	1 test per sublot divided	IS 2386 (Part-3) Mort&h C-1007				MT	9	9	0	0	0	0	9	9	0	0	
8.6	Los Angeles Abrasion Value	1 test per sublot divided	IS 2386 (Part-4) Mort&h C-1007				MT	9	9	0	0	0	0	9	9	0	0	
8.7	Material passing 75 micron	1 test per sublot divided	IS 2386 (Part-1) Mort&h C-1007				MT	0	0	0	0	0	0	0	0	0	0	
							MT	0	0	0	0	0	0	0	0	0	0	
9.0 Cement																		
	Physical Tests							2246	2246	0	208	208	0	2454	2454	0	42	
9.1	Standard Consistency Test	1 test per lot	IS 4031 (Part-4) Mort&h C-1006				MT											
9.2	Soundness Test	1 test per lot	IS 4031 (Part-3) Mort&h C-1006				MT	374	374	0	36	36	0	410	410	0	7	
9.3	Setting time Test	1 test per lot	IS 4031 (Part-6) Mort&h C-1006				MT	0	0	0	0	0	0	0	0	0	0	
	(a) Initial Setting time																	
	(b) Final Setting Time						MT	374	374	0	36	36	0	410	410	0	7	
9.4	Compressive Strength Test	1 test per lot	IS 4031 (Part-5) Mort&h C-1006				MT	374	374	0	36	36	0	410	410	0	7	
	(A) 72+ 1 Hr. strength																	
	(b) 168 + 2 Hr. strength																	
	(c) 672 + 4 Hr. strength						MT	405	405	0	28	28	0	433	433	0	6	
							MT	372	372	0	30	30	0	402	402	0	6	
							MT	347	347	0	42	42	0	389	389	0	8	


EPC Representative





AM/C


DM/C



MONTHLY QUALITY CONTROL AND ASSURANCE STATEMENT UPTO 31st March-2021
(ROUTINE QUALITY CONTROL TEST IN PACKAGE-II LABORATORY)

S. No.	Description	Frequency of Tests	Reference clause of test frequency	Quantity upto previous month	Quantity during Month	Upto Date quantity	Unit of Quantity	Total No of tests upto previous month			No. of tests during the month			Total No of upto date test			Test Witnessed by IE	Remarks	
								Tested	Passed	Failed	Tested	Passed	Failed	Tested	Passed	Failed			
10.0 Site Concrete									32520	32520	0	2551	2551	0	35071	35071	0	510	
10.1	Grouting	Frequency according to table 1700-8	As per Morth 1716.2.4				Cum												
	7 days compressive strength						Cum	61	61	0	6	6	0	67	67	0	0		
	28 days compressive strength						Cum	124	124	0	42	42	0	166	166	0	0		
10.2	M 15 Grade	Frequency according to table 1700-8	As per Morth 1716.2.4				Cum												
	7 days compressive strength						Cum	0	0	0	0	0	0	0	0	0	0		
	28 days compressive strength						Cum	0	0	0	0	0	0	0	0	0	0		
10.3	M 20 Kerb	Frequency according to table 1700-8	As per Morth 1716.2.4		40.000		Cum												
	7 days compressive strength						Cum	86	86	0	4	4	0	90	90	0	1		
	28 days compressive strength						Cum	167	167	0	16	16	0	183	183	0	3		
10.4	M 20 Grade	Frequency according to table 1700-8	As per Morth 1716.2.4		3429.00		Cum												
	7 days compressive strength						Cum	1779	1779	0	128	128	0	1907	1907	0	26		
	28 days compressive strength						Cum	3105	3105	0	479	479	0	3584	3584	0	96		
10.5	M 25 Grade	Frequency according to table 1700-8	As per Morth 1716.2.4				Cum												
	7 days compressive strength						Cum	0	0	0	5	5	0	5	5	0	1		
	28 days compressive strength						Cum	0	0	0	9	9	0	9	9	0	2		
10.6	M 30 Grade	Frequency according to table 1700-8	As per Morth 1716.2.4		1252.00		Cum												
	7 days compressive strength						Cum	1149	1149	0	113	113	0	1262	1262	0	23		
	28 days compressive strength						Cum	3546	3546	0	200	200	0	3746	3746	0	40		
10.7	M 35 Pile	Frequency according to table 1700-8	As per Morth 1716.2.4		0.00		Cum												
	7 days compressive strength						Cum	1039	1039	0	1	1	0	1040	1040	0	0		
	28 days compressive strength						Cum	5352	5352	0	2	2	0	5354	5354	0	0		

EPC Representative

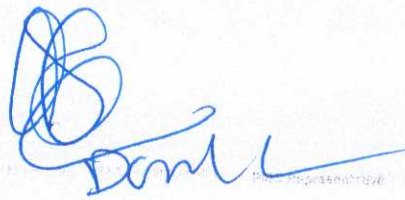
MONTHLY QUALITY CONTROL AND ASSURANCE STATEMENT UPTO 31st March-2021
(ROUTINE QUALITY CONTROL TEST IN PACKAGE-II LABORATORY)

S. No.	Description	Frequency of Tests	Reference clause of test frequency	Quantity upto previous month	Quantity during Month	Upto Date quantity	Unit of Quantity	Total No of tests upto previous month			No. of tests during the month			Total No of upto date test			Test Witnessed by IE	Remarks
								Tested	Passed	Failed	Tested	Passed	Failed	Tested	Passed	Failed		
10.7	M 35 RE	Frequency according to table 1700-8	As per Morth 1716.2.4		0.00		Cum											
	7 days compressive strength						Cum	161	161	0	0	0	0	161	161	0	0	
	28 days compressive strength						Cum	604	604	0	0	0	0	604	604	0	0	
10.7	M 35 Grade	Frequency according to table 1700-8	As per Morth 1716.2.4		2595.00		Cum											
	7 days compressive strength						Cum	1727	1727	0	57	57	0	1784	1784	0	11	
	28 days compressive strength						Cum	6266	6266	0	179	179	0	6445	6445	0	36	
10.8	M 40 Grade	Frequency according to table 1700-8	As per Morth 1716.2.4		1520.000		Cum											
	7 days compressive strength						Cum	272	272	0	57	57	0	329	329	0	11	
	28 days compressive strength						Cum	691	691	0	63	63	0	754	754	0	13	
10.9	M 45 Grade	Frequency according to table 1700-8	As per Morth 1716.2.4		178.000		Cum											
	7 days compressive strength						Cum	203	203	0	16	16	0	219	219	0	3	
	28 days compressive strength						Cum	638	638	0	58	58	0	696	696	0	12	
10.10	M 50 Grade	Frequency according to table 1700-8	As per Morth 1716.2.4		757.500		Cum											
	7 days compressive strength						Cum	97	97	0	30	30	0	127	127	0	6	
	28 days compressive strength						Cum	280	280	0	103	103	0	383	383	0	21	
10.11	M 55 Grade	Frequency according to table 1700-8	As per Morth 1716.2.4		0.000		Cum											
	7 days compressive strength						Cum	0	0	0	3	3	0	3	3	0	1	
	28 days compressive strength						Cum	0	0	0	4	4	0	4	4	0	1	
10.12	DLC Concrete	3 samples per 1000 sqm	As per Morth 903.5.1.1	149310.00	22560.00	171870.00	Cum											
	7 days compressive strength						Cum	878	878	0	174	174	0	1052	1052	0	35	
	In situ Density	3 density holes per 1000 sqm	As per Morth 903.5.1.2				Cum	1631	1631	0	174	174	0	1805	1805	0	35	
10.13	PQC Grade Concrete	3 cubes and 3 beams per 150 cum or Min 6 cubes or 6 beams per day	As per Morth 1716.2.4	150625.00	61390.00	212015.00	Cum											
	7 days compressive strength						Cum	313	313	0	102	102	0	415	415	0	20	
	28 days compressive strength						Cum	1019	1019	0	428	428	0	1447	1447	0	86	
10.14	7 days flexural strength						Cum	313	313	0	102	103	0	415	416	0	20	
	28 days flexural strength						Cum	1019	1019	0	428	428	0	1447	1447	0	86	



EPC Representative






MONTHLY QUALITY CONTROL AND ASSURANCE STATEMENT UPTO 31st March-2021
(ROUTINE QUALITY CONTROL TEST IN PACKAGE-II LABORATORY)

S. No.	Description	Frequency of Tests	Reference clause of test frequency	Quantity upto previous month	Quantity during Month	Upto Date quantity	Unit of Quantity	Total No of tests upto previous month			No. of tests during the month			Total No of upto date test			Test Witnessed by IE	Remarks
								Tested	Passed	Failed	Tested	Passed	Failed	Tested	Passed	Failed		
11.0 Slump Test								2025	2025	0	1300	1300	0	3325	3325	0	260	
11.1	M 10 Grade	1 test(on composite samples) per each mixture unit	As per IS 1199 cl. 3.2 and 3.3				Cum											
	Slump test at Site						Cum	0	0	0	0	0	0	0	0	0	0	
	Slump test at Plant						Cum	0	0	0	0	0	0	0	0	0	0	0
11.2	M 15 Grade	1 test(on composite samples) per each mixture unit	As per IS 1199 cl. 3.2 and 3.3				Cum											
	Slump test at Site						Cum	0	0	0	0	0	0	0	0	0	0	
	Slump test at Plant						Cum	0	0	0	0	0	0	0	0	0	0	0
11.3	M 20 Grade	1 test(on composite samples) per each mixture unit	As per IS 1199 cl. 3.2 and 3.3				Cum											
	Slump test at Site						Cum	168	168	0	25	25	0	193	193	0	5	
	Slump test at Plant						Cum	168	168	0	25	25	0	193	193	0	5	
11.4	M 25 Grade	1 test(on composite samples) per each mixture unit	As per IS 1199 cl. 3.2 and 3.3				Cum											
	Slump test at Site						Cum	0	0	0	0	0	0	0	0	0	0	
	Slump test at Plant						Cum	0	0	0	0	0	0	0	0	0	0	0
11.5	M 30 Grade	1 test(on composite samples) per each mixture unit	As per IS 1199 cl. 3.2 and 3.3				Cum											
	Slump test at Site						Cum	118	118	0	40	40	0	158	158	0	8	
	Slump test at Plant						Cum	118	118	0	40	40	0	158	158	0	8	
11.6	M 35 Grade	1 test(on composite samples) per each mixture unit	As per IS 1199 cl. 3.2 and 3.3				Cum											
	Slump test at Site						Cum	163	163	0	95	95	0	258	258	0	19	
	Slump test at Plant						Cum	163	163	0	95	95	0	258	258	0	19	
11.7	M 40 Grade	1 test(on composite samples) per each mixture unit	As per IS 1199 cl. 3.2 and 3.3				Cum											
	Slump test at Site						Cum	102	102	0	45	45	0	147	147	0	9	
	Slump test at Plant						Cum	102	102	0	45	45	0	147	147	0	9	
11.8	M 45 Grade	1 test(on composite samples) per each mixture unit	As per IS 1199 cl. 3.2 and 3.3				Cum											
	Slump test at Site						Cum	91	91	0	20	20	0	111	111	0	4	
	Slump test at Plant						Cum	91	91	0	20	20	0	111	111	0	4	
11.9	M 50 Grade	1 test(on composite samples) per each mixture unit	As per IS 1199 cl. 3.2 and 3.3				Cum											
	Slump test at Site						Cum	61	61	0	40	40	0	101	101	0	8	
	Slump test at Plant						Cum	61	61	0	40	40	0	101	101	0	8	
11.10	PQC Grade Concrete	1 test per per each dumper	As per Morth Cl. 904.5.2.4 (Table-900-6)				Cum											
	Slump test at Site						Cum	220	220	0	365	365	0	585	585	0	73	
	Slump test at Plant						Cum	220	220	0	365	365	0	585	585	0	73	
11.11	Texture Depth Test	Per day 5 Measurements	As per MORT&H Cl. 602.9.8.4 (Table-600-2)					179	179	0	40	40	0	219	219	0	8	
Total Tests								85952	85930	81	6420	6420	0	92372	92350	81	1284	
Total Laboratory tests								65841	65836	64	4230	4230	0	70071	70066	64	846	
Total Field Tests								20111	20094	17	2190	2190	0	22301	22284	17	438	


EPC Representative




AMC





XI. ACCIDENT REPORT

Month : March 2021

Accident Report

Status	Minor	Serious	Serious (RU)	Fatal	Fatal (Road user)	Property Damage	Property Damage (Rental)
Upto Previous Accidents	2	1	0	2	0	1 Dumper	0
This Month	0	0	0	0	0	0	0
Total Accidents upto December 2020	2	1	0	2	0	1 Dumper	0



Interchange 323+074



Interchange 353+666



MJB 336+810



Flyover 344+383



MNB 354+636



ROB 352+946



PQC Laying 340



PQC Laying 340



345+653 CUP



CUP 347+108



LVUP 354+832



Reinforced Earth wall for structure Approach

KIM



VADODARA

MNB
@ Km 330+640

Girder launching 330+640 MNB

KIM



VADODARA

MNB
GIRDER LAUNCHING
@ Km 343+566

Girder Launching 343+566 MNB

KIM



VADODARA

MNB
@ Km 350+143
MNB
@ Km 350+201

Girder Concrete Pouring 350+143 MNB

KIM



VADODARA

Girder Concrete Pouring 343+856 LVUP Page 82 of 84



Road status- PQC, Pre cast U Drain, Toe Drain 327+500



Road Status PQC, Pre cast U Drain, Toe Drain, MBCB at Km 338 to 339



Road Status PQC, Precast U drain, MBCB, Slope Protection, Toe drain at 339+800



LVUP 354+832



RE wall Flyover 344+383



RE Wall Work 348+978 CUP



Slope Protection work 347



Slope Dressing 354+500