

MONTHLY PROGRESS REPORT

JANUARY - 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

PATEL
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

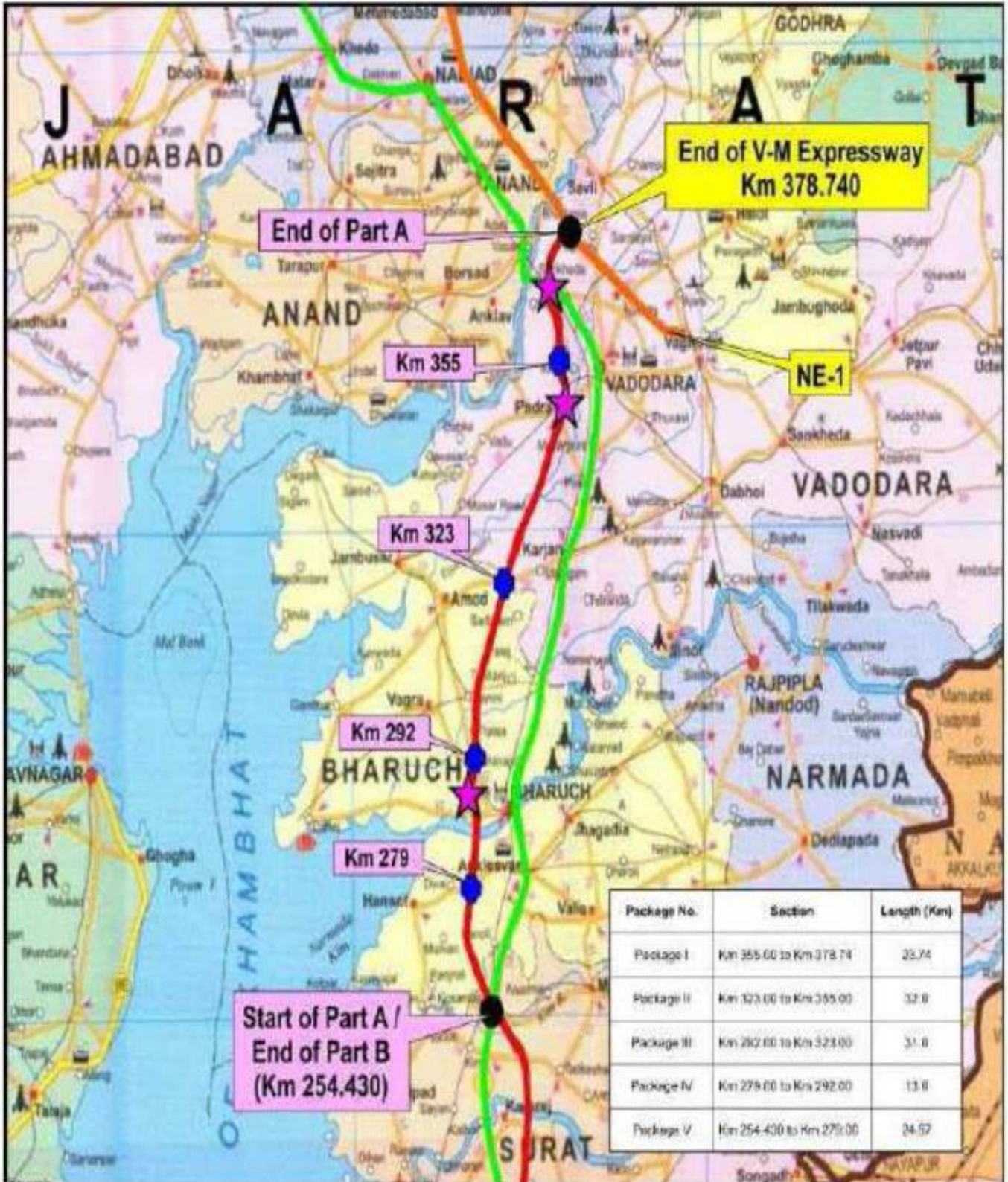
INDEX

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>33</u>
VIII	WEATHER REPORT	<u>34</u>	<u>35</u>
IX	STATUS OF RFI	<u>36</u>	<u>36</u>
X	ANNEXURES	<u>37</u>	<u>75</u>
a	Annexure 1: Calculation of physical progress progressive	37	43
b	Annexure 2: Structure Progress Chart	44	48
c	Annexure 3: Highway progress Chart	49	49
d	Annexure 4: Details of Hindrance	50	59
e	Annexure 5: Details of Letter correspondence	60	67
f	Annexure 6: NCR status	68	68
g	Annexure 7 : Weather report (Signed Copy)	69	69
h	Annexure 8 : Summary of Test Conducted (Signed Copy)	70	75
XI	ACCIDENT REPORT	<u>76</u>	<u>76</u>
XII	PROGRESS PHOTOGRAPHS	<u>77</u>	<u>87</u>

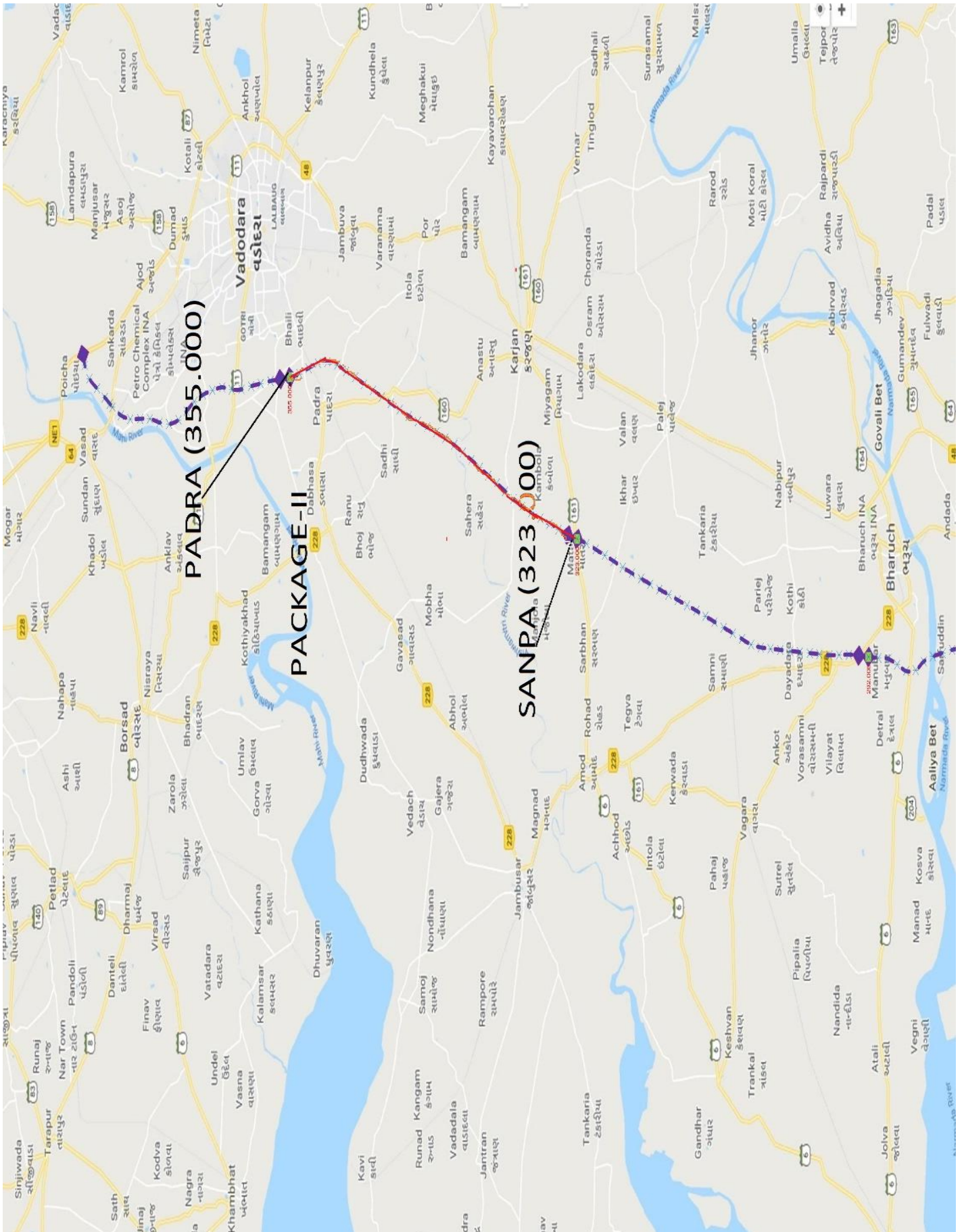
Construction of Eight lane Vadodara Kim Expressway from Km 323.00 to Km 355.00
 National Highway Authority of India (NHDP Phase VI)
 IRCON International Limited

I. LOCATION PLAN & KEY PLAN

A. Key plan of Expressway

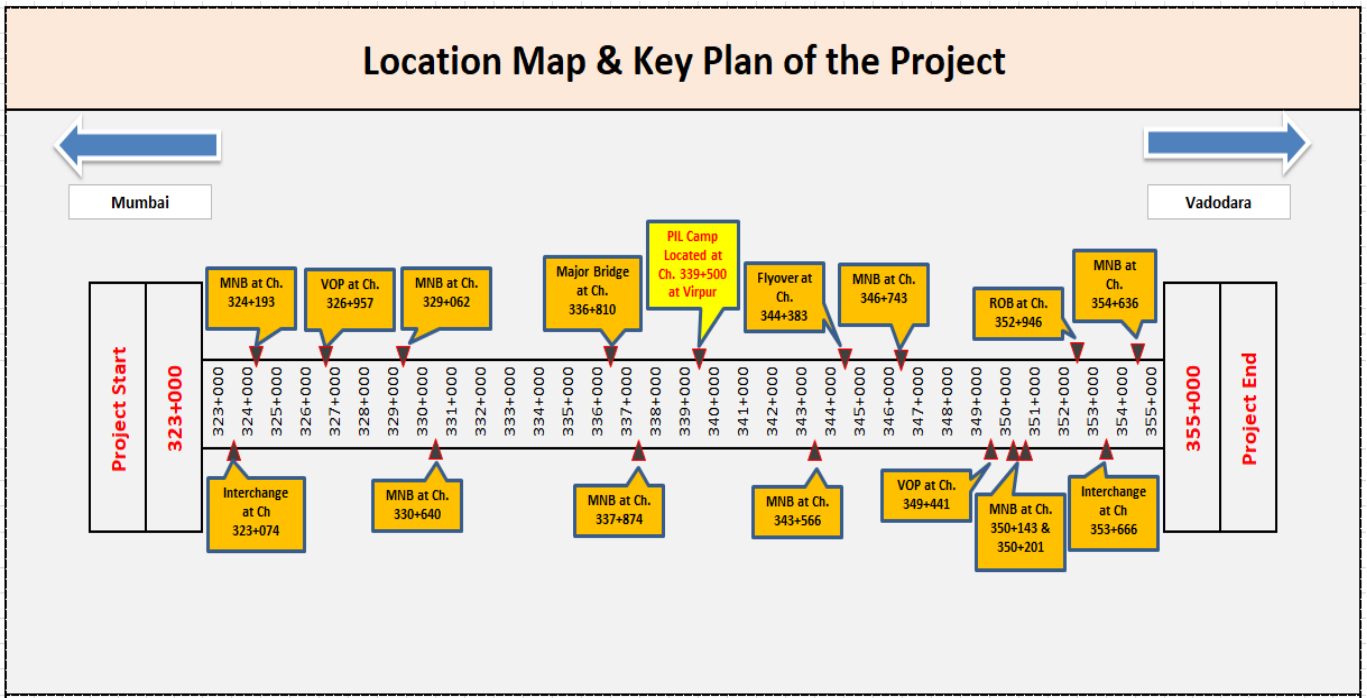


Construction of Eight lane Vadodra Kim Expressway from Km 323.00 to Km 355.00
National Highway Authority of India (NHDP Phase VI)
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Construction of Eight lane Vadodara Kim Expressway from Km 323.00 to Km 355.00
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B. 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 January 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 (%)	75.62%
2	Cumulative Achieved Physical Progress up to Current month (%)	69.11%
3	Physical progress target during current month (%)	4.88%
4	Physical progress achieved during current month (%)	10.60%
5	Cumulative stage achieved up to Current month (%)	45.43% (665.49 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)	Milestone completion Revised schedule (Days)	Original Completion date as per CA	Achieved /Proposed Date of Milestone	Remarks
1	Milestone - 1	20%	150	150	30/06/2019	27/09/2019 (Achieved)	
2	Milestone - 2	35%	330	330	27/12/2019	25/01/2020 (Achieved)	IRCON Letter No 1540, dt 14.04.2020
3	Milestone - 3	75%	450	480	25/04/2020	12.02.2021 (Proposed)	with 90 days Grace Period
4	Milestone - 4	100%	670	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)
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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

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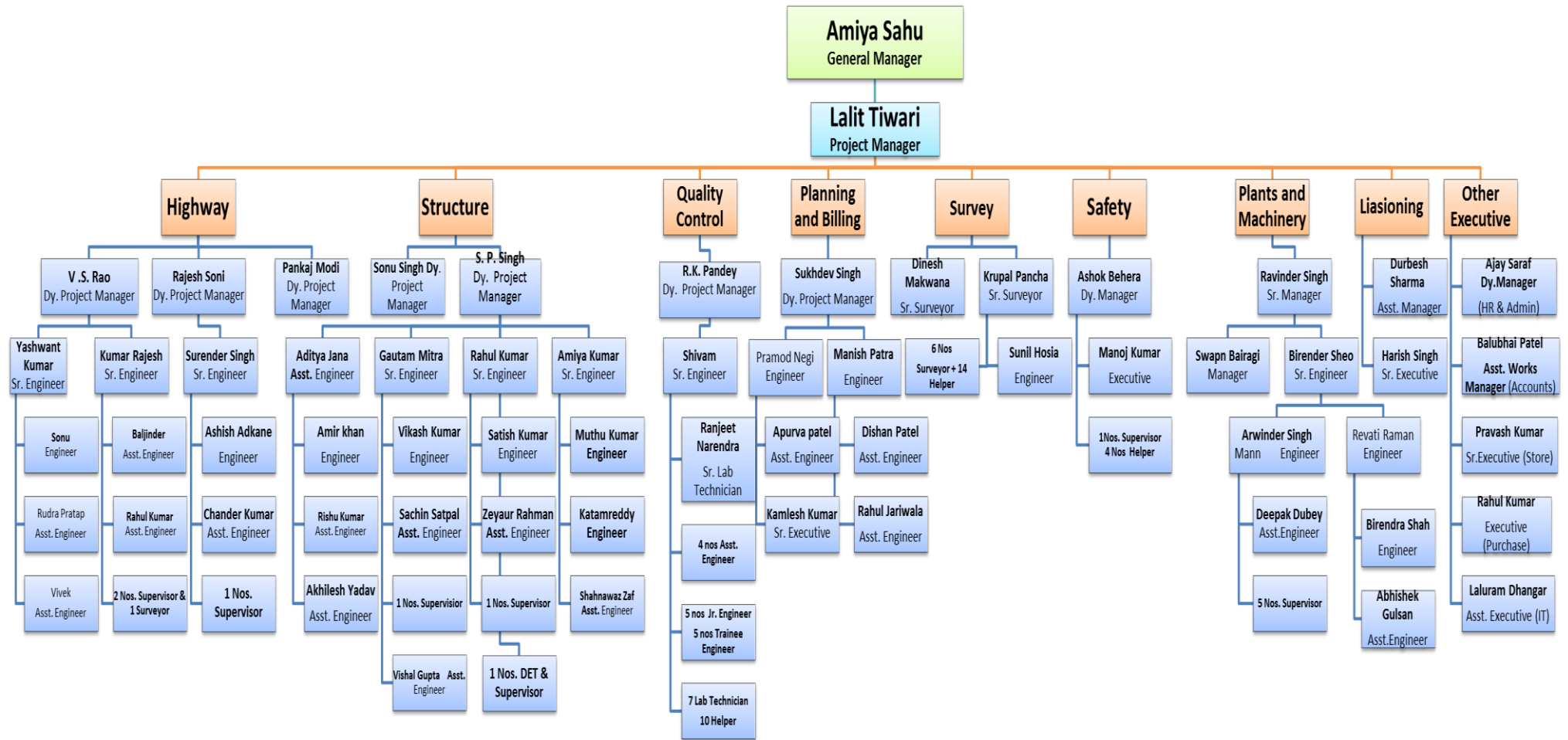
C. Details of MCW:

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	11	22	22 Working	
2	Excavator	Nos	19	37	35 Working, 2 under Maintenance	
3	Motor Grader	Nos	19	28	24 Working, 4 under Maintenance	
4	Vibratory Roller/Soil Compactor	Nos	19	39	32 Working, 7 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	0	Working	
13	Tandem Roller	Nos	3	3	Working	
14	Pneumatic Tyre Roller	Nos	0	0		
15	Dumpers/Tipplers	Nos	86	148	146 Working, 2 under Maintenance	
16	FE Loaders/Dozer	Nos	5	10	Working	
17	Water Tanker	Nos	19	48	Working	
18	Compressor	Nos	0	0	Working	
19	Concrete Batching Plant	Nos	1	10	CP-45 (2),CP-18, CP-65, CP-115, H6N240,CP-250,CP-30(3)	
20	Transit Mixers	Nos	9	40	36 Working, 4 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	2	Working	
25	Tractor	Nos	3	10	Working	
26	Diesel Tanker	Nos	2	5	Working	
27	Tempo	Nos	3	3	Working	
28	Tower Light	Nos	4	8	Working	
29	Hydra Crane	Nos	2	6	Working	
30	Vibratory Rammer	Nos	2	2	Working	
31	Dewatering Pump (Portable)	Nos	5	7	Working	
32	Baby Roller	Nos	2	2	Working	
33	Trailor / Platform Truck	Nos	1	6	Working	
34	Vibrator (Needle Type)	Nos	4	12	Working	
35	Kerb Cutter	Nos	2	2	Working	
36	Pile Boring machines	Nos.	6	4	Working	

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G. Details of Applicable Permits:

Status of Applicable Permits (As per Schedule F) As on 31.01.2021

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	Applied	02.06.2020	
6	Clearance of Pollution Control Board for setting up batching plant	Received	20.04.2019	
7	Clearance of Village Panchayats and Pollution Control Board for setting up asphalt plant	Received	14.01.2020	
8	Permission of Village Panchayats and State Government for borrow earth	Received		Submitted with relevant Borrow Area.
9	Other permits or clearances required under Applicable Laws	NA	NA	

Construction of Eight lane Vadodara Kim Expressway from Km 323.00 to Km 355.00
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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 61.81 % as on 31.01.2021.

Given below is the summary of status of the works executed as on 31.01.2021

B. Highway Progress:

Sr. No.	Item	Unit	Scope of work	Completed	Work in Progress	Balance work
1	C & G	Km	30.52	30.10	0	0.42
2	Embankment	Km	30.52	27.80	2.30	0.42
3	Sub grade	Km	30.52	22.40	5.40	2.72
4	GSB	Km	30.52	20.50	1.90	8.12
5	DLC	Km	30.52	20.30	0.20	10.02
6	PQC	Km	30.52	12.80	7.50	10.22

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+4	42+4	0	0	1.) Pipe laid in 80 (m) length, Pipe extension is in progress, Both side chambers yet to start.
2	BOX Culvert	52	36	12	4	2.) Balance for connecting roads, ramps & loops.
3	Flyover	1	0	1	0	1.) Foundation-8 Nos. completed 2.) Substructure 7 Nos. completed 3.) Girder-38 No. completed
4	ROB	1	0	1	0	1.) Pile-80 Nos. Completed 2.) Pile Cap- 5 Nos. Complete. 3.) Substructure 3 Nos. Abt. Cap in Progress.
5	MJB	1	0	1	0	1.) Pile-224 Nos. completed 2.) Foundation-12 Nos. completed 3.) Substructure- 16 Nos. Pier/abt. Shaft Completed, 05 Pier/abt. Cap completed. 4.) Girder-30 Nos. Done

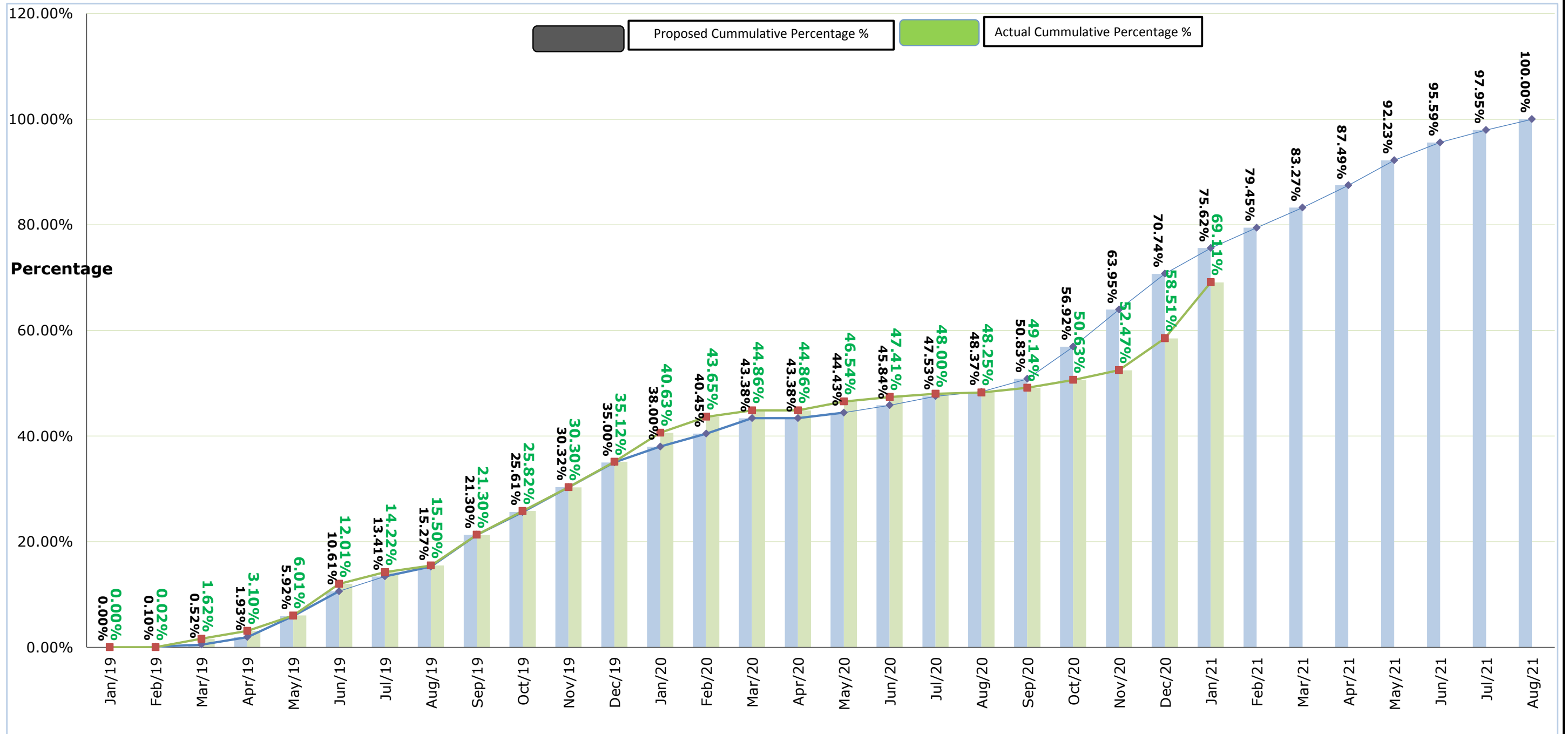
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6	MNB	9	3	6	0	Box Type 1.) Foundation-4 Nos. completed 2.) Substructure-4 Nos. completed 3.) Superstructure-4 Nos. completed 4.) Girder-All completed Retaining wall started Pile Type 1.) Foundation-All completed 2.) Substructure - In progress 3.) Girder-219 Nos. completed
7	Interchange	2	0	2	0	At Location 323+074 1.) Foundation-8 Nos. completed 2.) Substructure-8 Nos. completed 3.) Girder-42 Nos. completed At Location 353+666 1.) Foundation-16 Nos. completed 2.) Substructure-16 Nos. completed 3.) Girder-102 Nos. completed
8	VOP	2	0	2	0	At Location 349+441 1.) Foundation- completed 2.) Substructure- completed Girder- 7 Nos. completed At Location 326+957 3.) Foundation-3 Nos. completed 4.) Substructure- 1 completed
9	LVUP	8	8	0	0	1.) Foundation-8 Nos. completed 2.) Substructure-8 Nos. completed 3.) SuperStructure-8 Nos. complete RE wall and crash barrier work in progress
10	VUP	5	4.5	0.5	0	1.) Foundation-5Nos. completed 2.) Substructure-5Nos. completed 3.) Super structure-4.5 Nos. completed. RE wall and crash barrier work in progress
11	PUP/CUP	34	34	0	0	1.) Foundation-34 Nos. completed 2.) Substructure-34 Nos. completed 3.) Super structure-34 Nos. Completed RE wall and crash barrier work in progress of 16 structures.
Total		161	132	25	4	
1	Utility Duct		61	61	0	1) Utility duct in 75m Length Completed, Extension is in progress

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

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S- Curve (Physical Progress for Project Mi



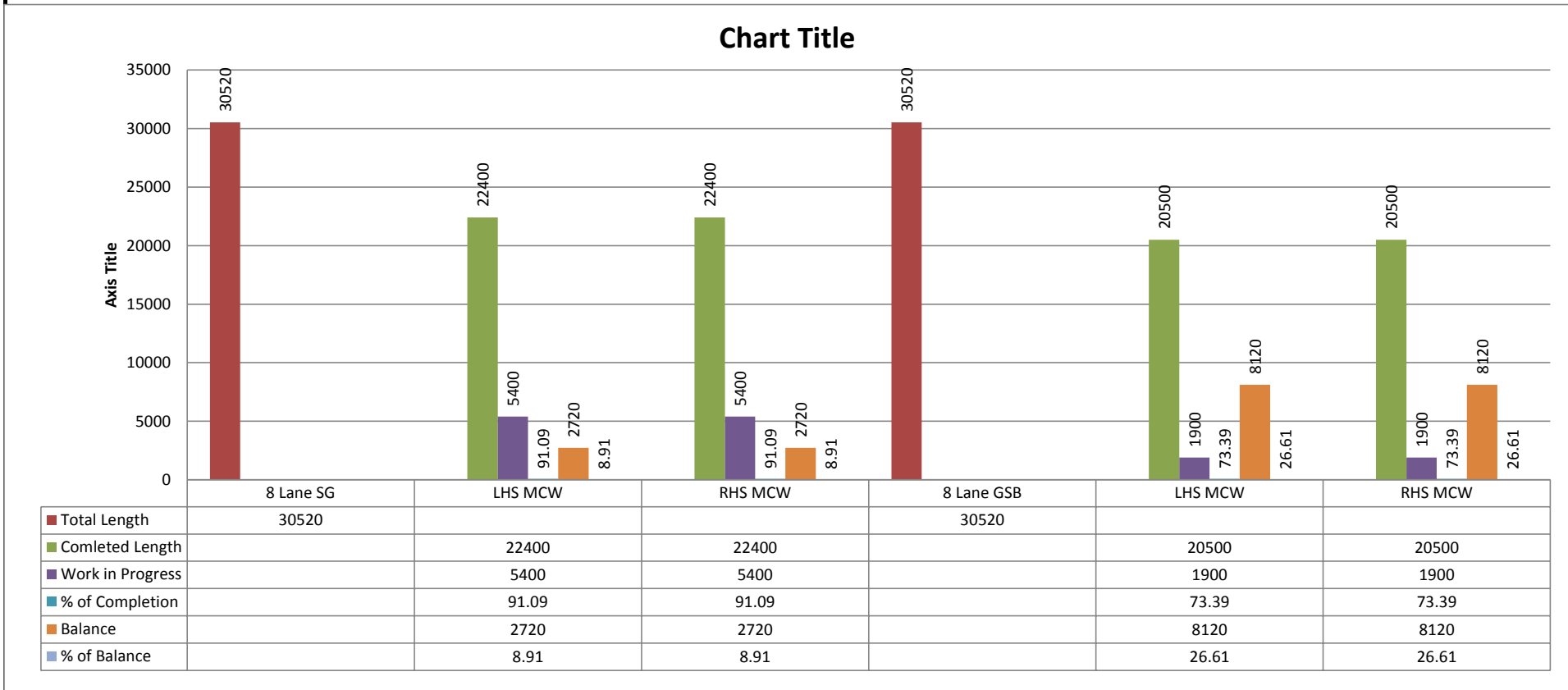
Month	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21
Proposed Cum. Percentage (%)	0.00%	0.10%	0.52%	1.93%	5.92%	10.61%	13.41%	15.27%	21.30%	25.61%	30.32%	35.00%	38.00%	40.45%	43.38%	43.38%	44.43%	45.84%	47.53%	48.37%	50.83%	56.92%	63.95%	70.74%	75.62%	79.45%	83.27%	87.49%	92.23%	95.59%	97.95%	100.00%
Actual Cum. Percentage (%)	0.00%	0.02%	1.62%	3.10%	6.01%	12.01%	14.22%	15.50%	21.30%	25.82%	30.30%	35.12%	40.63%	43.65%	44.86%	44.86%	46.54%	47.41%	48.00%	48.25%	49.14%	50.63%	52.47%	58.51%	69.11%							

Highway Bar Chart							31.01.2021
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		30100	0	98.62	420	1.38
3	RHS MCW		30100	0	98.62	420	1.38
4	8 Lane EMB	30520					
5	LHS MCW		27800	2300	98.62	420	1.38
6	RHS MCW		27800	2300	98.62	420	1.38

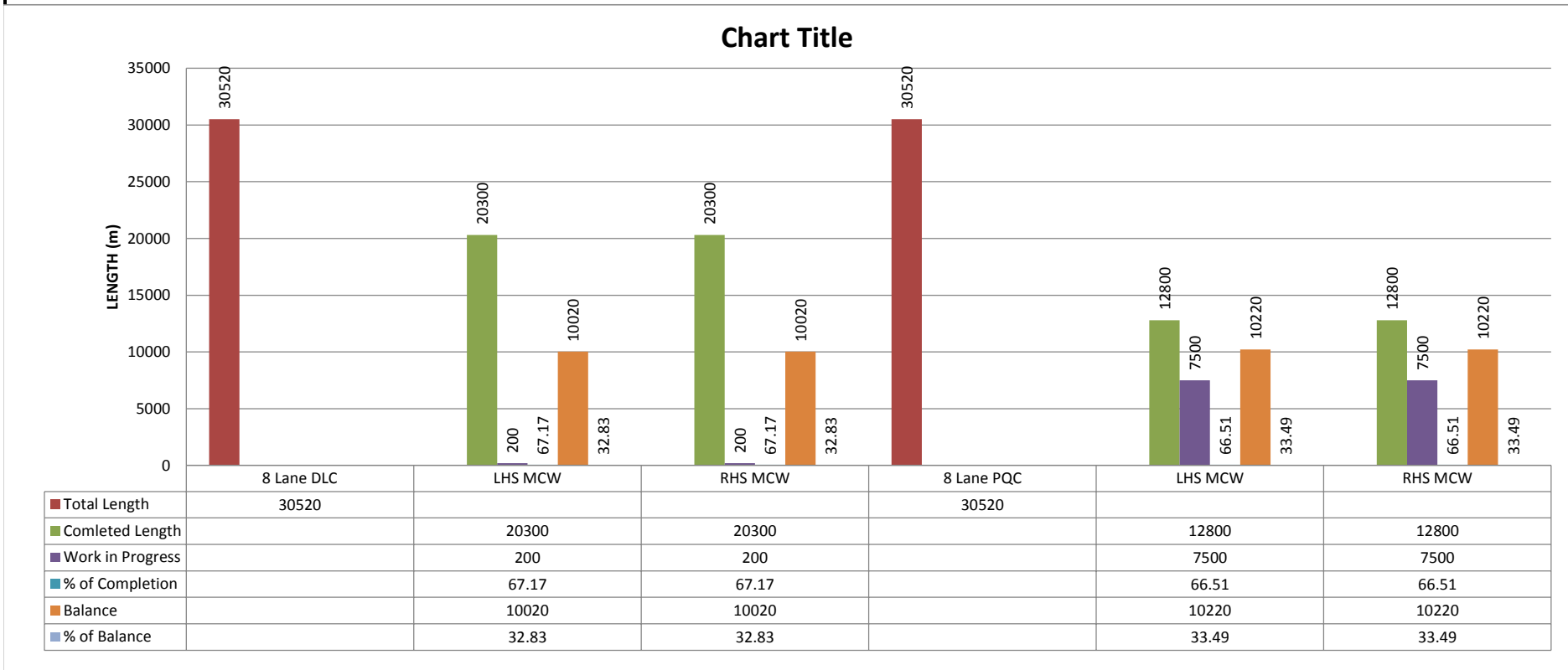
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Highway Bar Chart							31.01.2021
S.No.	Type of Work	Total Length	Completed Length	Work in Progress	% of Completion	Balance	% of Balance
1	8 Lane SG	30520					
2	LHS MCW		22400	5400	91.09	2720	8.91
3	RHS MCW		22400	5400	91.09	2720	8.91
4	8 Lane GSB	30520					
5	LHS MCW		20500	1900	73.39	8120	26.61
6	RHS MCW		20500	1900	73.39	8120	26.61



Highway Bar Chart							31.01.2021
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		20300	200	67.17	10020	32.83
3	RHS MCW		20300	200	67.17	10020	32.83
4	8 Lane PQC	30520					
5	LHS MCW		12800	7500	66.51	10220	33.49
6	RHS MCW		12800	7500	66.51	10220	33.49



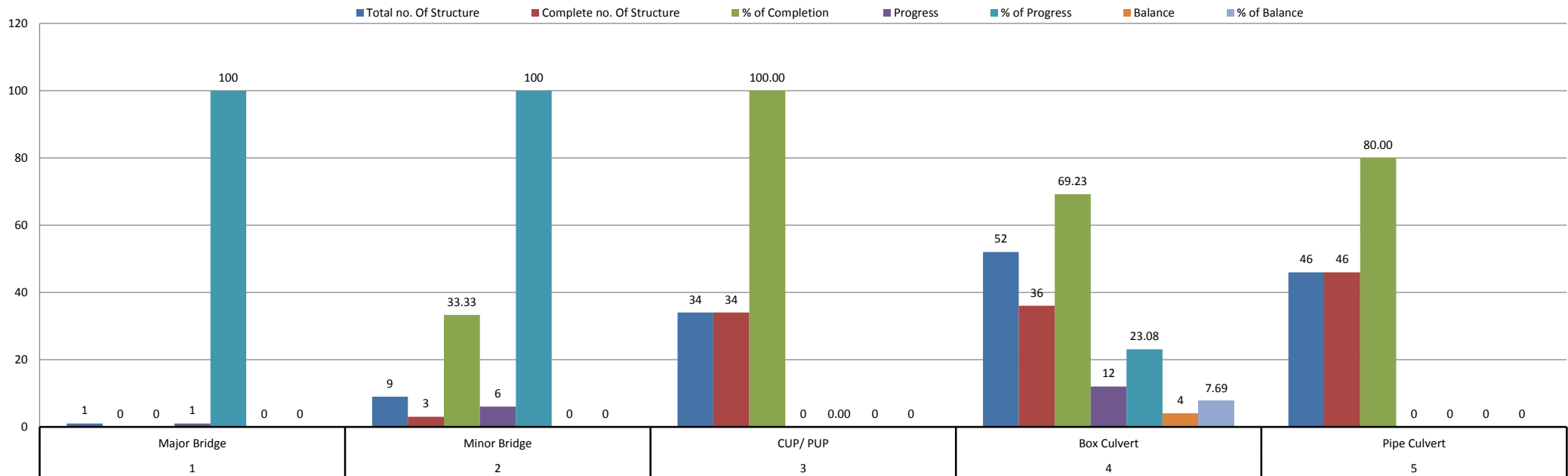
STRUCTURE BAR CHART

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

Status as on 31.01.2021

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	12	23.08	4	7.69
5	Pipe Culvert	46	46	80.00	0	0	0	0

Chart Title

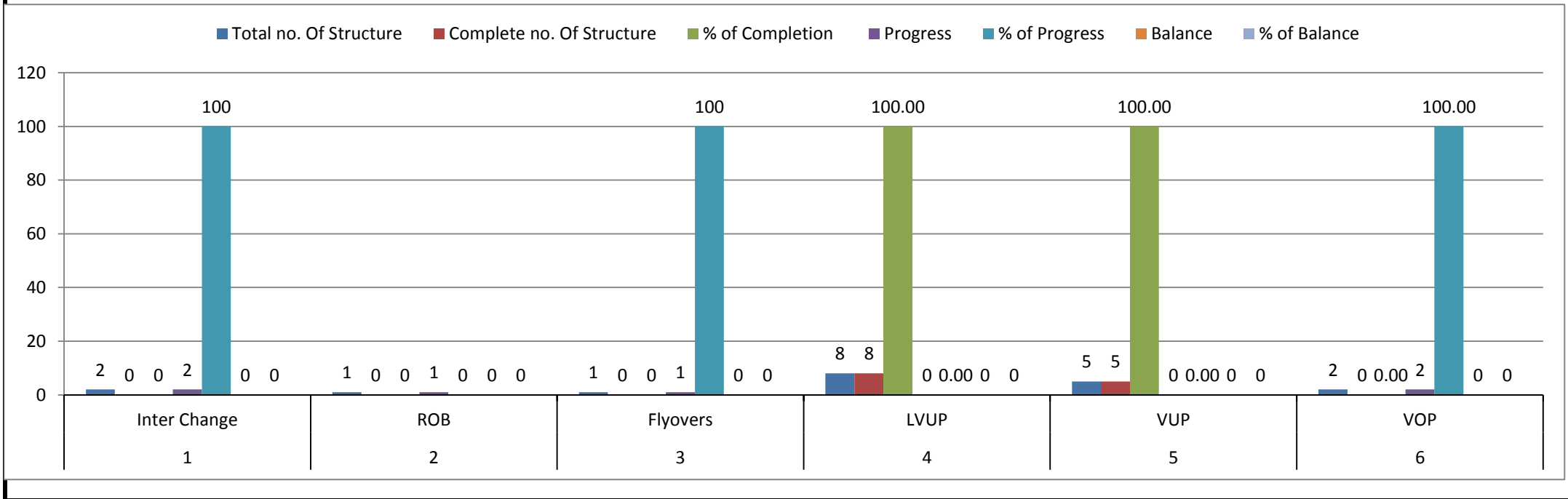


STRUCTURE BAR CHART

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

Status as on 31.01.2021

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
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V. Status of Land Acquisition

- Total land for which compensation was paid by NHAI/CALA as on 31.01.2021 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 **2.395 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	485	Annexure 4A
Total Hindered length due to water pipeline etc.	60	Annexure 4B
Total Hindered Area due to Disputed Land	1630	Annexure 4C
Permanent Structures	220	Annexure 4D
Grand Total	2395	

- Net unencumbered/Unhindered length of road as on 31.01.2021 is = $32.000 - 2.395 = 29.605$ km. i.e. 92.52%.
- 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:31.01.2021	
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 80% Padra 2 Complete Karjan 90%	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)	1825	-	-	-	-	-	-	-
8	Balance length to be clear(m)	140	145	50	150	40	100	60	-

VII. STATUS OF DESIGN & DRAWING

Design Status of Sanpa- Padra Project (As on 31.01.2021)									
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	(1) PIL/HO/VKP2/IRCON/20 1/2020 dt.04.04.2020 (2) PIL/HO/VKP2/IRCON/75 6/2020 , dt 28.12.2020 (3) PIL/HO/VKP2/IRCON/01 4/2021 , dt 06.01.2021 (4) PIL/HO/VKP2/IRCON/01 6/2021 , dt 08.01.2021 (5) PIL/HO/VKP2/IRCON/04 0/2021 , dt 19.01.2021 (6) PIL/HO/VKP2/IRCON/07 1/2021 , dt 30.01.2021	(1) IRCON/3019/VKE/PATEL /1565 dt. 24.04.2020 (2) IRCON/ 3019/ VKE/ PATEL / 1003/ 2548, dt 08.01.2021 (Against PIL Letter no 756 & 681) (3) Approval not received FOR PIL Letter no 014 (4) IRCON/ 3019/ VKE/ PATEL / 1003/ 2571, dt 12.01.2021 (Against PIL Letter no 016) (5)	(1) Approved vide letter no. 1565
3	VOP	1	1	1	0	326+957	PIL/HO/VKP2/IRCON/03 1/2020 Dt. 17.01.2020 PIL/HO/VKP2/IRCON/60 4/2019 Dt. 28.08.2019	IRCON/3019/VKE/PATEL /2076 dt. 19.09.2020	Found in order vide letter No 2076
	VOP	1	1	1	0	349+441	PIL/HO/VKP2/IRCON/34 2/2020 dt. 23.06.2020	IRCON/3019/VKE/PATEL /1863 dt. 30.07.2020	Approved vide letter no. 1616
4	Minor Bridge	9	9	6	3	324+193	PIL/HO/VKP2/IRCON/ 765/2019 Dt. 17.12.2019	IRCON/3019/VKE/PATEL /1400 dt. 29.02.2020	Approved by IRCON letter no. 1400 Found in Order Vide IRCON Office Letter No 2120, dt 28.09.2020
						329+062	PIL/HO/VKP2/IRCON/20 4/2019 dt. 09.04.2020	-	Approved by IE (A2 size Hard Copy submitted vide PIL/ VK2/ IRCON/ 667 / 2020, dt 29.09.2020)

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

					330+640	PIL/HO/VKE2/IRCON/24 9/2020 Dt. 12.05.2020 PIL/HO/VKE2/IRCON/31 6/2020 Dt. 12.06.2020	-	Under review With IE
					337+874	PIL/HO/VKP2/IRCON/20 5/2019 dt. 09.04.2020	-	Approved by IE (A2 size Hard Copy submitted)
					343+500	PIL/HO/VKE2/IRCON/ 302/2020 Dt. 02.06.2020	IRCON/3019/VKE/PATEL /992 dt. 26.11.2019, IRCON/3019/VKE/PATEL /1125 dt. 30.12.2019	Under review With IE
					346+743	R1 - PIL/HO/VKE2/IRCON/56 3/2019 Dt. 07.08.2019	IRCON/3019/VKE/PATEL /1039 dt. 09.12.2019 (For GT)	Approved by IE (IRCON ltr. 882 dt. 09.10.2019)(A2 size Hard Copy submitted)
					350+143	(1) PIL/HO/VKE2/IRCON/32 6/2020 Dt. 19.06.2020 (2) Complied of IRCON Letter No 1817 vide PIL /HO /VKP2/ IRCON/ 556/ 2020 , dt 13.10.2020	(1) IRCON/3019/VKE/PATEL /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/18 0/2020 Dt. 20.03.2020	-	Under review With IE
					354+636	PIL/HO/VKP2/IE/787/20 19 Dt. 24.12.2019 (GFC)	IRCON/3019/VKE/PATEL /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	(1) PIL/HO/VKP2/IRCON/22 2/2020 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	(1) IRCON/3019/VKE/PATEL /2036 dt. 14.09.2020 (2) IRCON/3019/VKE/PATEL /2068 dt. 18.09.2020 (Comments against PIL Letter No 491) (3) IRCON/3019/VKE/PATEL /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	(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"
6	ROB	1	1	0	1	352+945	PIL/HO/VKP2/IRCON/52 0/2019 Dt. 15.07.2019 & PIL/HO/VKP2/IRCON/57 9/2019 Dt. 17.08.2019	-	Under review With IE, Approved from IIT (BHU) and WR
						ROB Abutment (A1) at Ch. 352+946.198	PIL/HO/VKP2/IRCON/42 6/2020, dt 06.08.2020	-	Submission of Detailed design & drawing of ROB Abutment RA 1 duly approved by Railway Department

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

7	VUP	5	5	5	0	330+402	PIL/HO/VKE2/IRCON/53 3/2019 Dt. 20.07.2019	IRCON/3019/VKE/PATEL /853 dt. 27.09.2019 for bar No. 16	Approved by IRCON letter no. 853 dt. 27.09.2019
						331+822	PIL/HO/VKE2/IRCON/50 1/2019 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/50 1/2019 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/50 1/2019 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	30	4	-	26 nos. submitted by letter no. 381 dated 28.05.2019, 4 nos. submitted by Mail on date 29.05.2019, 3 nos. by mail dt 26.05.2019, 1 nos. by mail dt. 28.05.2019	26 Nos. (IE letter no. 471 dt. 01.06.2019, IRCON letter no. 492 dt. 11.06.2019), 4 Nos. (IE letter no. 470 dt. 01.06.2019, IRCON letter no. 491 dt. 11.06.2019)	30 nos. Approved By IE (A2 size drawing stampped), 4 nos. pending
10	Box Culvert	52	50	36	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/71 3/2020, 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/ 713/2020, dt 07.12.2020	(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

	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.
	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

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

						(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	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+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
	Box Culvert				0+560 & 0+640 at Interchange 353+666 (Loop 3 & Ramp 3)	(1) PIL/HO/VKP2/IRCON/64 8/2020, dt 10.11.2020 (2) Complied of IRCON Letter No 2385, Vide PIL/ HO/ VKP2/ IRCON/ 713/ 2020, dt 07.12.2020	(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

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+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	(1) IRCON/ 3019/ VKE/ PATEL /1003/ 2384 , 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
	Precast Box Culvert					0+582 at Interchange (Ramp 1) 353+666	(1) PIL/ HO/ VKP2/ IRCON/ 770/ 2020, dt 31.12.2020	(1) IRCON/ 3019/ VKE/ PATEL / 1003/ 2570, dt 12.01.2021	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
	Precast Box Culvert					344+342 Utility Location	PIL/HO/VKP2/IRCON/74 7/2020, 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	PIL/HO/VKP2/IRCON/76 7/2020, dt. 30.12.2020	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

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+440 Connecting Road	PIL/HO/VKP2/IRCON/075/2021, dt. 30.01.2021		
11	Pipe Culvert	42	42	42	0	-	42 Nos. Submitted by PIL/HO/VKE2/IRCON/362/2019 Dt. 24.05.2019	42 nos. IRCON/3019/VKE/PATEL/476 dt. 06.06.2019	Approved in MOM (A2 size drawing submitted to IE for stamping)
		157	155	133	22				

VIII. Weather report for the month of January 2021

MONTHLY WEATHER REPORT FOR THE MONTH OF January 2021

S. No.	DATE	TEMPRATURE (°C)		HUMIDITY (%)		RAINFALL (mm)	CUMM. RAINFALL (mm)	WEATHER
		Min.	Max.	Min.	Max.			
1	01-Jan-21	14.90	27.60	36.00	70.00	-	-	Sunny
2	02-Jan-21	15.20	27.80	38.00	80.00	-	-	Sunny
3	03-Jan-21	14.90	27.60	34.00	78.00	-	-	Sunny
4	04-Jan-21	15.80	26.80	42.00	72.00	-	-	Sunny
5	05-Jan-21	15.20	25.90	39.00	72.00	-	-	Sunny
6	06-Jan-21	14.90	25.70	39.00	70.00	-	-	Sunny
7	07-Jan-21	14.80	26.80	38.00	76.00	-	-	Sunny
8	08-Jan-21	16.90	28.00	39.00	78.00	-	-	Sunny
9	09-Jan-21	16.80	28.30	38.00	79.00	-	-	Sunny
10	10-Jan-21	15.80	29.50	39.00	82.00	-	-	Sunny
11	11-Jan-21	17.90	29.10	36.00	80.00	-	-	Sunny
12	12-Jan-21	16.80	29.50	39.00	82.00	-	-	Sunny
13	13-Jan-21	17.20	29.40	38.00	80.00	-	-	Sunny
14	14-Jan-21	16.90	28.80	36.00	84.00	-	-	Sunny
15	15-Jan-21	16.80	29.00	35.00	81.00	-	-	Sunny
16	16-Jan-21	17.40	28.60	34.00	78.00	-	-	Sunny
17	17-Jan-21	16.90	29.10	36.00	78.00	-	-	Sunny y
18	18-Jan-21	17.20	29.50	35.00	79.00	-	-	Sunny
19	19-Jan-21	17.10	29.30	36.00	79.00	-	-	Sunny
20	20-Jan-21	17.00	28.80	35.00	78.00	-	-	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-Jan-21	17.20	29.00	31.00	74.00	-	-	Sunny
22	22-Jan-21	18.20	28.80	36.00	77.00	-	-	Sunny
23	23-Jan-21	17.60	28.50	38.00	82.00	-	-	Sunny
24	24-Jan-21	17.20	28.20	31.00	77.00	-	-	Sunny
25	25-Jan-21	16.40	28.50	28.00	59.00	-	-	Sunny
26	26-Jan-21	16.20	28.40	26.00	54.00	-	-	Sunny
27	27-Jan-21	16.50	28.50	26.00	56.00	-	-	Sunny
28	28-Jan-21	16.20	28.80	28.00	59.00	-	-	Sunny
29	29-Jan-21	16.30	28.40	23.00	57.00	-	-	Sunny
30	30-Jan-21	17.10	27.50	23.00	67.00	-	-	Sunny
31	31-Jan-21	17.20	27.30	24.00	69.00	-	-	Sunny
Cumulative Rainfall Till Date						1,295.40	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 :- January - 2021.

Sr.No.	Total RFI	Approved RFI	RFI Re-submitted after corrections suggested	Remarks
<u>Highway</u>				
1	1296	1167	129	
<u>Structure</u>				
2	750	663	87	
<u>Laboratory (QA/QC)</u>				
3	34	31	3	
<u>Survey</u>				
4	0	0	0	

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	Lead	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	Approved Weightage	Qty in Nos/km/m	Qty in cum/sqm/m	Amount (Rs.)	Physical Progress%	Physical Progress (Progressive) %	
1	2	3	4	5	6	7	8 = 6+7	9 = 4x8	10	11 = 9/10	12	13	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%		30.10	221.38	5080558.41	0.04%	19.50%	
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%	20.30%	30.10	94,381.38	2831441.45	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%		30.00	27,52,783.84	614146075.72	5.42%		
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%		30.00	22,93,913.35	511772068.84	4.52%		
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%		29.90	18,28,926.05	408033401.75	3.60%		
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%		29.90	13,72,022.77	306098280.57	2.70%		
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%		28.40	8,68,794.80	193828119.69	1.71%		
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%		24.40	6,80,534.15	166798920.28	1.47%		
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)	532	800	1,332.00	36,87,26,967.47	30.52	1,20,81,580	3.256%	3.26%	22.85	2,07,255.34	276064109.89	2.44%	2.44%	
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%	0.71%	8.00	24,711.04	3533678.19	0.03%	0.22%	
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%		4.00	5,834.55	834340.68	0.01%		
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%		10.20	20,316.20	20316195.66	0.18%		
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	1723	624	2,347.00	49,72,94,596.62	30.52	1,62,94,183	4.391%	4.39%	21.80	1,51,347.76	355213184.53	3.14%	3.14%	
4.02	Providing xxx mm thick PQC for CW	Cum	3,79,880.04	6.2	5813	600	6,413.00	2,43,61,70,669.22	30.52	7,98,22,726	21.512%	21.51%	13.70	1,70,524.14	1093571341.57	9.66%	9.66%	
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%	0.39%	40.00	8,759.50	849671.95	0.01%	0.34%	
5.02	Culvert PCC M15 grade	Cum	305.94	12.8 D (ii)	3931.00	608.00	4,539.00	13,88,655.22	42.00	33,063	0.012%		40.00	291.37	1322528.78	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%		40.00	6,534.57	40181099.08	0.35%		
5.04	Finishing Work (10% cost of overall work)							10 % progress shall be deducted for Misc. work.		1,05,883.25			-40.00		-4235329.98	-0.04%		
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%	3.67%	35.00	34,490.55	3345583.30	0.03%	2.39%	
5.02a	Culvert PCC M15 grade	Cum	9,756.04	12.8 D (ii)	3931.00	608.00	4,539.00	4,42,82,671.94	52.00	8,51,590	0.391%		35.00	6,566.57	29805644.58	0.26%		
5.03a	Foundation RCC M 30 - Culvert	Cum	14,149.18	12.8.G. case II	3908.00	600.00	4,508.00	6,37,84,522.81	52.00	12,26,625	0.563%		35.00	9,523.49	42931890.35	0.38%		
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%		35.00	882.67	47216677.84	0.42%		
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%		34.00	9,785.81	47989619.90	0.42%		
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%		34.00	939.99	50438069.90	0.45%		
5.07a	Super Structure RCC M 30 - Culvert	Cum	7,425.09	14.1.C. case II (r)	4914	600	5,514.00	4,09,41,924.62	52.00	7,87,345	0.362%		34.00	4,854.86	26769719.94	0.24%		
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%		34.00	494.56	27096179.94	0.24%		
5.09a	Finishing Work (10% cost of overall work)	Nos.						10 % progress shall be deducted for Misc. work.		1,58,429.12				-34.00		-5386589.99		-0.05%

Item No.	Description	Unit	Quantity	SOR Item No. (year 2015-2016)	SOR Rate	Lead	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	Approved Weightage	Qty in Nos/km/m	Qty in cum/sqm/m	Amount (Rs.)	Physical Progress%	Physical Progress (Progressive) %
1	2	3	4	5	6	7	8 = 6+7	9 = 4x8	10	11 = 9/10	12	13	14a (Actual Qty. to be input here)	14 (=14a*4/10)	15	16	17
5b	Total Box Culverts							41,61,07,876.20									
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%	3.52%	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)	3931.00	608.00	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	3988	600	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)	4068	600	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	9325	678.6	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	4553	600	5,153.00	6,10,38,418.11	36.00	16,95,512	0.539%	1.45%	35.00	11,516.19	59342906.49	0.52%	1.39%
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%		35.00	1,257.48	67473734.17	0.60%	
6A,09	MNBR - RCC M35 - Abutment Cap	Cum	2,858.36	13.5.H.(p). case II	4553	600	5,153.00	1,47,29,107.03	24.00	6,13,713	0.130%		22.00	2,620.16	13501681.44	0.12%	
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%		22.00	328.39	17620838.49	0.16%	
6A,11	RCC M35 - RCC Girder	Cum	76.46	14.01 D Case-1(ii)r	5930	600	6,530.00	4,99,291.76	64.00	7,801	0.004%	1.14%	64.00	76.46	499291.76	0.00%	0.69%
6A,12	PSC M45 - PSC Girder	Cum	1,729.60	14.01 F Case-1(ii)r	5823	600	6,423.00	1,11,09,241.74	162.00	68,576	0.098%		159.00	1,697.57	10903515.04	0.10%	
6A,13	PSC M50 - PSC Girder	Cum	1,351.70	14.01 G Case-1(i)r	7157	600	7,757.00	1,04,85,127.04	28.00	3,74,469	0.093%		18.00	868.95	6740438.81	0.06%	
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%		241.00	520.97	28542682.01	0.25%	
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%		102.00	99.19	14340185.02	0.13%	
6A,16	RCC M35 - SLAB	Cum	3,402.52	14.01 D Case-1(ii)r	5930	600	6,530.00	2,22,18,483.48	18.00	12,34,360	0.196%		7.00	1,323.20	8640521.35	0.08%	
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%		7.00	196.69	10776380.57	0.10%	
6A,18	Finishing Work (10% cost of overall work)	Nos.	-	10 % progress shall be deducted for Misc. work.					2,77,384.31	18.00				-7.00		-1941690.19	
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%	3.11%	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)	3931	608	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	3988	600	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	4553	600	5,153.00	6,75,29,211.04	68.00	9,93,077	0.596%	1.23%	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	5930	600	6,530.00	7,65,16,462.78	34.00	22,50,484	0.676%	1.24%	34.00	11,717.68	76516462.78	0.68%	1.15%
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 Misc. work.					4,13,751.34	34.00			-24.00		-9930032.08	-0.09%	
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%	0.55%	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)	3931	608	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	3988	600	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%	

Item No.	Description	Unit	Quantity	SOR Item No. (year 2015-2016)	SOR Rate	Lead	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	Approved Weightage	Qty in Nos/km/m	Qty in cum/sqm/m	Amount (Rs.)	Physical Progress%	Physical Progress (Progressive) %		
1	2	3	4	5	6	7	8 = 6+7	9 = 4x8	10	11 = 9/10	12	13	14a (Actual Qty. to be input here)	14 (=14a*4/10)	15	16	17		
6C,05	VUP - RCC M35 - WALL	Cum	4,117.97	13.5.H.(p). case II	4553	600	5,153.00	2,12,19,899.96	10.00	21,21,990	0.187%	0.37%	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	5930	600	6,530.00	97,36,189.39	5.00	19,47,238	0.086%	0.16%	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 Misc. work.				3,56,993.61	5.00						-3.00	-1070980.83		-0.01%	
6C	TOTAL TOTAL Bill No. 6C : VUP							12,34,04,357.39											
6D	Bill No. 6D : LVUP																		
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%	0.69%	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)	3931	608	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	3988	600	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	4553	600	5,153.00	2,07,20,608.19	16.00	12,95,038	0.183%	0.37%	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	5930	600	6,530.00	1,18,58,179.39	8.00	14,82,272	0.105%	0.19%	8.00	1,815.95	11858179.39	0.10%	0.18%		
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 Misc. work.				2,71,489.90	8.00						-6.00	-1628939.38		-0.01%	
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%	0.28%	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)	3931	608	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	3988	600	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)	4068	600	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	9325	678.6	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	4553	600	5,153.00	7,48,937.65	4.00	1,87,234	0.007%	0.05%	4.00	145.34	748937.65	0.01%	0.04%		
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	4553	600	5,153.00	6,24,114.70	4.00	1,56,029	0.006%			3.00	90.84	468086.03		0.00%	
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%			3.00	13.96	748937.65		0.01%	
6E,11	RCC M35 - PIER	Cum	72.67	13.5.H.(p). case II	4553	600	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	4553	600	5,153.00	6,24,114.70	2.00	3,12,057	0.006%			1.00	60.56	312057.35		0.00%	
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%			1.00	9.31	499291.76		0.00%	
6E,15	HYSD bar reinforcement - Super structure Girder	Mt	159.48	14.2			54,788.00	87,37,605.86	20.00	4,36,880	0.077%		0.21%	12.00	95.69	5242563.52		0.05%	0.10%
6E,16	HT Steel for PSC - Girder	Mt	56.12	14.3			1,44,570.00	81,13,491.16	20.00	4,05,675	0.072%				3.00	8.42		1217023.67	
6E,17	PSC M50 / Steel Girder & Slab	Cum	933.32	14.01 G Case-1(i)r	7157	600	7,757.00	72,39,730.57	20.00	3,61,987	0.064%			12.00	559.99	4343838.34	0.04%		
6E,18	Finishing Work (10% cost of overall work)	Nos	-	10 % progress shall be deducted for Misc. work.				3,83,830.54	4.00					0.00	0.00	0.00%			
6E	Total Bill No. 6E : VOP							6,18,81,027.69											

Item No.	Description	Unit	Quantity	SOR Item No. (year 2015-2016)	SOR Rate	Lead	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	Approved Weightage	Qty in Nos/km/m	Qty in cum/sqm/m	Amount (Rs.)	Physical Progress%	Physical Progress (Progressive) %
1	2	3	4	5	6	7	8 = 6+7	9 = 4x8	10	11 = 9/10	12	13	14a (Actual Qty. to be input here)	14 (=14a*4/10)	15	16	17
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%	0.63%	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)	3931	608	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)	4068	600	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	9325	678.6	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	4553	600	5,153.00	22,46,812.94	4.00	5,61,703	0.020%	0.19%	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	4553	600	5,153.00	18,72,344.11	4.00	4,68,086	0.017%		3.00	272.51	1404258.09	0.01%	
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	4553	600	5,153.00	19,97,167.05	4.00	4,99,292	0.018%		4.00	387.57	1997167.05	0.02%	
6F,11	HYSD 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%	
6F,12	RCC M35 - Pier CAP	Cum	460.24	13.5.H.(p). case II	4553	600	5,153.00	23,71,635.88	4.00	5,92,909	0.021%		4.00	460.24	2371635.88	0.02%	
6F,13	HYSD 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	5930	600	6,530.00	27,46,104.70	28.00	98,075	0.024%	0.30%	28.00	420.54	2746104.70	0.02%	0.18%
6F,15	PSC M45/M50 - Girder	Cum	514.93	14.01 G Case-1(i)r	7157	600	7,757.00	39,94,334.11	14.00	2,85,310	0.035%		14.00	514.93	3994334.11	0.04%	
6F,16	HYSD 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%		10.00	22.20	3209732.77	0.03%	
6F,18	RCC M35 - SLAB	Cum	821.96	14.01 D Case-1(ii)r	5930	600	6,530.00	53,67,386.46	6.00	8,94,564	0.047%		0.00	-	0.00	0.00%	
6F,19	HYSD 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 Misc. work.					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%	1.68%	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)	3931	608	4,539.00	13,88,655.22	14.00	99,190	0.012%		14.00	305.94	1388655.22	0.01%	
6G,03	HYSD 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)	4068	600	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	9325	678.6	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	4553	600	5,153.00	57,41,855.28	4.00	14,35,464	0.051%	0.57%	3.00	835.71	4306391.46	0.04%	0.38%
6G,07	HYSD bar reinforcement - Abutment Substructure	Mt	141.90	13.6			53,658.00	76,14,199.40	4.00	19,03,550	0.067%		3.00	106.43	5710649.55	0.05%	
6G,08	RCC M35 - ABUTMENT CAP	Cum	193.79	13.5.H.(p). case II	4553	600	5,153.00	9,98,583.53	4.00	2,49,646	0.009%		1.00	48.45	249645.88	0.00%	
6G,09	HYSD bar reinforcement - ABUTMENT CAP	Mt	27.92	13.6			53,658.00	14,97,875.29	4.00	3,74,469	0.013%		1.00	6.98	374468.82	0.00%	
6G,10	RCC M35 - Pier Substructure	Cum	2,204.33	13.5.H.(p). case II	4553	600	5,153.00	1,13,58,887.62	10.00	11,35,889	0.100%		7.00	1,543.03	7951221.34	0.07%	
6G,11	HYSD bar reinforcement - Pier Substructure	Mt	330.33	13.6			53,658.00	1,77,24,857.61	10.00	17,72,486	0.157%		8.00	264.26	14179886.09	0.13%	
6G,12	RCC M35 - Pier CAP	Cum	1,453.40	13.5.H.(p). case II	4553	600	5,153.00	74,89,376.46	10.00	7,48,938	0.066%		5.00	726.70	3744688.23	0.03%	
6G,13	HYSD bar reinforcement - Pier CAP	Mt	218.67	13.6			53,658.00	1,17,33,356.45	10.00	11,73,336	0.104%	6.00	131.20	7040013.87	0.06%		

Item No.	Description	Unit	Quantity	SOR Item No. (year 2015-2016)	SOR Rate	Lead	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	Approved Weightage	Qty in Nos/km/m	Qty in cum/sqm/m	Amount (Rs.)	Physical Progress%	Physical Progress (Progressive) %
1	2	3	4	5	6	7	8 = 6+7	9 = 4x8	10	11 = 9/10	12	13	14a (Actual Qty. to be input here)	14 (=14a*4/10)	15	16	17
6G,14	PSC M45/M50 - Girder	Cum	3,121.78	14.01 G Case-1(i)r	7157	600	7,757.00	2,42,15,650.54	84.00	2,88,282	0.214%	1.02%	52.00	1,932.53	14990640.81	0.13%	0.35%
6G,15	HYSD bar reinforcement -Girder	Mt	469.33	14.2			54,788.00	2,57,13,525.83	84.00	3,06,113	0.227%		52.00	290.54	15917896.94	0.14%	
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%		26.00	57.99	8383940.86	0.07%	
6G,17	RCC M35 - SLAB	Cum	2,580.57	14.01 D Case-1(ii)r	5930	600	6,530.00	1,68,51,097.02	12.00	14,04,258	0.149%		0.00	-	0.00	0.00%	
6G,18	HYSD 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 Misc. work.				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%	0.85%	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)	3931	608	4,539.00	10,80,065.17	6.00	1,80,011	0.010%		6.00	237.95	1080065.17	0.01%	
6H,03	HYSD 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)	4068	600	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	9325	678.6	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	4553	600	5,153.00	1,06,09,949.98	4.00	26,52,487	0.094%	0.36%	4.00	2,058.99	10609949.98	0.09%	0.29%
6H,07	HYSD 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%	
6H,08	RCC M35 - ABUTMENT CAP	Cum	387.57	13.5.H.(p). case II	4553	600	5,153.00	19,97,167.05	4.00	4,99,292	0.018%		1.00	96.89	499291.76	0.00%	
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%		1.00	16.28	873760.59	0.01%	
6H,10	RCC M35 - PIER	Cum	218.01	13.5.H.(p). case II	4553	600	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	4553	600	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	7157	600	7,757.00	57,41,855.28	4.00	14,35,464	0.051%		1.28%	0.00	-	0.00	
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%	0.00		-	0.00	0.00%	
6H,17	Finishing Work (10% cost of overall work)	Nos.	-	10 % progress shall be deducted for Misc. work.				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%	5.24%	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)	3931	608	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)	4068	600	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	9325	678.6	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	3.5.H.(p). case II	4553	600	5,153.00	2,17,19,191.72	26.00	8,35,354	0.192%	1.24%	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	3.5.H.(p). case II	4553	600	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	3.5.H.(p). case II	4553	600	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	3.5.H.(p). case II	4553	600	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%		

Item No.	Description	Unit	Quantity	SOR Item No. (year 2015-2016)	SOR Rate	Lead	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	Approved Weightage	Qty in Nos/km/m	Qty in cum/sqm/m	Amount (Rs.)	Physical Progress%	Physical Progress (Progressive) %
1	2	3	4	5	6	7	8 = 6+7	9 = 4x8	10	11 = 9/10	12	13	14a (Actual Qty. to be input here)	14 (=14a*4/10)	15	16	17
6l,14	RCC M35 - RCC Girder	Cum	273.56	14.01 G Case-1(i)r	7157	600	7,757.00	21,21,990.00	130.00	16,323	0.019%	1.39%	130.00	273.56	2121990.00	0.02%	0.87%
6l,15	PSC M45/M50 - PSC Girder	Cum	2,526.39	14.01 G Case-1(i)r	7157	600	7,757.00	1,95,97,201.72	16.00	12,24,825	0.173%		14.00	2,210.59	17147551.51	0.15%	
6l,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%	
6l,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%	
6l,18	RCC M35 - SLAB	Cum	2,637.91	14.01 D Case-1(ii)r	5930	600	6,530.00	1,72,25,565.85	20.00	8,61,278	0.152%		0.00	-	0.00	0.00%	
6l,19	PSC M45/M50 - SLAB	Cum	1,818.36	14.01 G Case-1(i)r	7157	600	7,757.00	1,41,04,992.32	20.00	7,05,250	0.125%		0.00	-	0.00	0.00%	
6l,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%		2.00	41.46	2271777.52	0.02%	
6l,21	Finishing Work (10% cost of overall work)	Nos	-	10 % progress shall be deducted for Misc. work.				2,70,241.67	20.00			0.00			0.00	0.00%	
6l	Total Bill No. 6l : Interchange							89,04,21,638.70									
7	Reinforced Earth Wall																
7.01	PCC For RE Wall Foundation	Cum	547.47	12.8 D (ii)	3931	608	4,539.00	24,84,961.97	565.20	4,397	0.022%	0.81%	450.00	435.88	1978472.90	0.02%	0.31%
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%		14,545.00	15,727.05	14390254.88	0.13%	
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%		9,254	10,004.69	5862749.69	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%		2,40,000	53,510.58	13115444.34	0.12%	
7.05	RCC crash barrier with friction slab M 40	Rmt	3,412.73	14.1 Case-ii (ii-p)	5170	544	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%	0.86%	0.00	-	0.00	0.00%	0.00%
8.02	Construction of GSB	Cum	14,337.77	4.1-A-(i)	532	800	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	584	800	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%	
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%	
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%	
8.07	Dense Bituminous Macadam course-Connecting road	Cu.m.	3,928.72	5.6(b)	5433	600	6,033.00	2,37,01,953.48	4.385	54,05,235	0.209%		0.00	-	0.00	0.00%	
8.08	Bituminous Concrete - Connecting Road	Cu.m.	2,624.02	5.8(ii)	6517	600	7,117.00	1,86,75,155.33	4.385	42,58,872	0.165%			-	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%	2.42%	0.00	-	0.00	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%		0.00	-	0.00	0.00%	
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%	
9.04	Constructing Grannular Sub-base - Toll Plaza	Cu.m.	14,525.19	4.1-A-(i)	532	800	1,332.00	1,93,47,555.84	9.00	21,49,728	0.171%		0.00	-	0.00	0.00%	
9.05	Providing xxx mm thick DLC (M15) for Toll plaza	cum	10,424.07	6.1	1723	624	2,347.00	2,44,65,296.42	9.00	27,18,366	0.216%		0.00	-	0.00	0.00%	
9.06	Providing xxx mm thick PQC for Toll plaza	cum	20,893.29	6.2	5813	600	6,413.00	13,39,88,698.27	9.00	1,48,87,633	1.183%		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%	
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%	
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%	
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%	
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%	
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%	1.20%	8.60	22,584.89	2190734.10	0.02%	0.229%
10.02	Drain Lining	cum	11,999.59	12.8 D (ii)	3931	608	4,539.00	5,44,66,143.54	30.52	17,84,619	0.481%		8.20	3,224.03	14633874.35	0.13%	
10.03	RCC M 20 Grade Dain	Cum	4,802.48	12.8 E (case-ii)	3895	608	4,503.00	2,16,25,574.51	30.52	7,08,576	0.191%		8.60	1,353.27	6093754.42	0.05%	
10.04	HYSD bar reinforcement	Mt	200.06	13.6			53,658.00	1,07,34,772.92	30.52	3,51,732	0.095%		8.60	56.37	3024893.97	0.03%	
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%		0.00	-	0.00	0.00%	
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%	
10	Total : DRAINAGE							13,55,42,913.92									

Item No.	Description	Unit	Quantity	SOR Item No. (year 2015-2016)	SOR Rate	Lead	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	Approved Weightage	Qty in Nos/km/m	Qty in cum/sqm/m	Amount (Rs.)	Physical Progress%	Physical Progress (Progressive) %
1	2	3	4	5	6	7	8 = 6+7	9 = 4x8	10	11 = 9/10	12	13	14a (Actual Qty. to be input here)	14 (=14a*4/10)	15	16	17
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%		9.00	18,827.67	3294841.83	0.03%	0.03%
11.04a	Painting on Kerbs	Sq.m	34,042.62	14.16			44.00	14,97,875.29	30.52	49,079	0.013%	0.68%	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%	
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%	
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%	1.19%	0.00	-	0.00	0.00%	0.00%
12	Project facilities														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%	0.88%	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%	0.44%	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%	0.08%	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%	0.57%	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%	0.29%	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%	0.06%	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%	1.19%	6.00	10,601.03	26502586.44	0.23%	0.23%
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%	0.20%	48.60	4,847.70	16966948.32	0.15%	0.15%
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%	0.146%	0.00	-	0.00	0.00%	0.000%
13	Environmental Plan							1,65,19,241.28									
14	PROTECTION WORKS																
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	20,190.6	1,015	0.181%	0.25%	5400.00	5,400.00	5481000.00	0.05%	0.07%
B	Providing and laying filter media underneath stone pitching	cum	10,011.40	15.50			729.00	72,98,307.89	10,011.4	729	0.064%		2700.00	2,700.00	1968300.00	0.02%	
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%	4.85%	3.20	50,887.29	4936066.99	0.04%	4.42%
B	M-15 PCC Retaining Wall + Toe Wall	Cu.m.	2,923.41	12.8 D (ii)	3931	608	4,539.00	1,32,69,372.08	3.305	40,14,939	0.117%		3.20	2,830.54	12847803.53	0.11%	
C	M-25 Retaining Wall + Toe Wall	Cum	57,142.97	13.5 (q) Case-ii	4556	600	5,156.00	29,46,29,151.80	3.305	8,91,46,491	2.602%		3.01	51,956.01	267885204.59	2.37%	
D	HYSO - 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%		3.01	4,012.36	215295401.62	1.90%	
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%	0.16%	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%	0.014%	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%	0.014%	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%	0.018%	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%	0.141%	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%	
15	Total Bill No.15 : MISCELLANEOUS WORKS							3,90,69,369.55									
	Total Amount							11,32,45,62,742			100.00%	100.00%				69.11%	69.11%

STRUCTURE PROGRESS CHART AS ON 31.01.2021

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		1	HPC	42	0
2		Done	Done	Done	Done	324+715	324+719	1X1.2	Done	Done	Done	Done		2	BOX Culvert	52	12
3		Done	Done	Done	Done	333+850	325+219	1X1.2	Done	Done	Done	Done		3	flyover Bridge	1	1
4		Done	Done	Done	Done	325+619	325+619	1X1.2	Done	Done	Done	Done		4	ROB	1	1
5		Done	Done	Done	Done	326+119	326+119	1X1.2	Done	Done	Done	Done		5	MJB	1	1
6		Done	Done	Done	Done	327+119	327+119	1X1.2	Done	Done	Done	Done		6	MNB	9	6
7		Done	Done	Done	Done	327+994	327+994	1X1.2	Done	Done	Done	Done		8	Interchange	2	2
8		Done	Done	Done	Done	328+419	328+419	1X1.2	Done	Done	Done	Done		9	VOP	2	2
9		Done	Done	Done	Done	329+509	329+509	1X1.2	Done	Done	Done	Done		10	LVUP	8	0
10		Done	Done	Done	Done	330+068	330+068	1X1.2	Done	Done	Done	Done		11	VUP	5	0
11		Done	Done	Done	Done	331+118	331+118	1X1.2	Done	Done	Done	Done		12	P/CUP	34	0
12		Done	Done	Done	Done	331+719	331+719	1X1.2	Done	Done	Done	Done		Total		157	25
13		Done	Done	Done	Done	332+050	332+050	2X1.2	Done	Done	Done	Done		1	Utility Duct	61	
14		Done	Done	Done	Done	332+158	332+294	1X1.2	Done	Done	Done	Done		2	RE- Block	Aprox 9 lakh NOS	454389 Nos.
15		Done	Done	Done	Done	333+119	333+119	1X1.2	Done	Done	Done	Done					
16		Done	Done	Done	Done	333+360	333+360	1X1.2	Done	Done	Done	Done			COS HPC		
17		Done	Done	Done	Done	333+810	333+810	1X1.2	Done	Done	Done	Done			COS HPC		
18		Done	Done	Done	Done	334+310	334+310	1X1.2	Done	Done	Done	Done			COS HPC		
19		Done	Done	Done	Done	334+168	334+168	1X1.2	Done	Done	Done	Done					
20		Done	Done	Done	Done	334+719	334+719	1X1.2	Done	Done	Done	Done					
21		Done	Done	Done	Done	337+308	337+308	1X1.2	Done	Done	Done	Done					
22		Done	Done	Done	Done	337+593	337+593	1X1.2	Done	Done	Done	Done					
23		Done	Done	Done	Done	338+243	338+243	1X1.2	Done	Done	Done	Done					
24		Done	Done	Done	Done	338+669	338+669	1X1.2	Done	Done	Done	Done					
25		Done	Done	Done	Done	339+179	339+179	1X1.2	Done	Done	Done	Done					
26		Done	Done	Done	Done	340+080	340+080	1X1.2	Done	Done	Done	Done					
27		Done	Done	Done	Done	340+718	340+718	1x1.2	Done	Done	Done	Done					
28		Done	Done	Done	Done	341+468	341+468	1x1.2	Done	Done	Done	Done					
29		Done	Done	Done	Done	341+925	341+925	1x1.2	Done	Done	Done	Done					
30		Done	Done	Done	Done	342+869	342+869	1x1.2	Done	Done	Done	Done					
31		Done	Done	Done	Done	343+280	343+280	1x1.2	Done	Done	Done	Done					
32		Done	Done	Done	Done	343+990	343+994	1x1.2	Done	Done	Done	Done					
33		Done	Done	Done	Done	344+768	344+768	1x1.2	Done	Done	Done	Done					
34		Done	Done	Done	Done	346+549	346+549	1x1.2	Done	Done	Done	Done					
35		Done	Done	Done	Done	347+169	347+169	1x1.2	Done	Done	Done	Done					
36		Done	Done	Done	Done	348+143	348+143	1x1.2	Done	Done	Done	Done					
37		Done	Done	Done	Done	348+869	348+869	1x1.2	Done	Done	Done	Done					
38		Done	Done	Done	Done	349+668	349+668	1x1.2	Done	Done	Done	Done					
39		Done	Done	Done	Done	350+068	350+068	1x1.2	Done	Done	Done	Done					
40		Done	Done	Done	Done	350+443	350+443	1x1.2	Done	Done	Done	Done					
41		Done	Done	Done	Done	351+119	351+119	1x1.2	Done	Done	Done	Done					
42		Done	Done	Done	Done	351+619	351+619	1x1.2	Done	Done	Done	Done					
43		Done	Done	Done	Done	352+494	352+494	1x1.2	Done	Done	Done	Done					
44		Done	Done	Done	Done	352+868	352+868	1x1.2	Done	Done	Done	Done					
45		Done	Done	Done	Done	354+467	354+467	1x1.2	Done	Done	Done	Done					
46		Done	Done	Done	Done	354+754	354+754	1x1.2	Done	Done	Done	Done					
		46	46	46	46	46	46	46	46	46	46	46					

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	Done		
8				Done	Done	Done	Done	Done	324+236	324+259	1X3X3	Done	Done	Done	Done	Done	Done		
9				Done	Done	Done	Done	Done	324+254	324+273	1X3X3	Done	Done	Done	Done	Done	Done		
10				Done	Done	Done	Done	Done	324+987	325+005	1X3X3	Done	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	Done		
13				Done	Done	Done	Done	Done	326+957	326+982	1X2X2	Done	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	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	Done		
26				Done	Done	Done	Done	Done	342+620	342+620	1X4X3	Done	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	Done		
29				Done	Done	Done	Done	Done	345+966	346+000	1x3x3	Done	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	Done		
33				Done	Done	Done	Done	Done	347+537	347+556	2x3x2	Done	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	Done		
36				Done	Done	Done	Done	Done	349+445	349+463	1x5x3	Done	Done	Done	Done	Done	Done		
37				Done	Done	Done	Done	Done	349+460(0+535)	349+463	1x2x2	Done	Done	Done	Done	Done	Done		
38				Done	Done	Done	Done	Done	349+460(0+831)	349+463	1x2x2	Done	Done	Done	Done	Done	Done		
39				Done	Done	Done	Done	Done	349+809	349+832	1x2x2	Done	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-1	353+690 (0+407)L-1	1x2x2	Done	Done	Done	Done	Done	Done		
43				Done	Done	Done	Done	Done	353+690(0+454)	353+690	1x2x2	Done	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	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		

SR.NO	PROGRESS CHART FOR CUP/PUP																		
	LHS								Design Chainage	CA Chainage	RHS								
	Finishing			Super Structure	Sub Structure	Foundation					Dimension	Foundation			Sub Structure	Super Structure	Finishing		
	WC inside Str.	Approach Slab	Crash Barrier			Raft	PCC	Excavation				Excavation	PCC	Raft			Crash Barrier	Approach Slab	WC inside Str.
1				Done	Done	Done	Done	Done	323+683	323+700	1X12	Done	Done	Done	Done	Done			
2				Done	Done	Done	Done	Done	324+410	324+410	1X12	Done	Done	Done	Done	Done			
3				Done	Done	Done	Done	Done	324+900	324+900	1X12	Done	Done	Done	Done	Done			
4				Done	Done	Done	Done	Done	326+381	326+400	1X12	Done	Done	Done	Done	Done			
5				Done	Done	Done	Done	Done	327+575	327+550	1X12	Done	Done	Done	Done	Done			
6				Done	Done	Done	Done	Done	328+175	328+150	1X12	Done	Done	Done	Done	Done			
7				Done	Done	Done	Done	Done	328+856	328+800	1X12	Done	Done	Done	Done	Done			
8				Done	Done	Done	Done	Done	329+725	329+750	1X12	Done	Done	Done	Done	Done			
9				Done	Done	Done	Done	Done	331+425	331+450	1X12	Done	Done	Done	Done	Done			
10				Done	Done	Done	Done	Done	332+640	332+675	1X12	Done	Done	Done	Done	Done			
11				Done	Done	Done	Done	Done	333+351	333+370	1X12	Done	Done	Done	Done	Done			
12				Done	Done	Done	Done	Done	333+786	333+795	1X12	Done	Done	Done	Done	Done			
13				Done	Done	Done	Done	Done	334+280	334+390	1X12	Done	Done	Done	Done	Done			
14				Done	Done	Done	Done	Done	334+868	334+880	1X12	Done	Done	Done	Done	Done			
15				Done	Done	Done	Done	Done	336+020	335+850	1X12	Done	Done	Done	Done	Done			
16				Done	Done	Done	Done	Done	336+355	336+375	1X12	Done	Done	Done	Done	Done			
17				Done	Done	Done	Done	Done	338+455	338+477	1X12	Done	Done	Done	Done	Done			
18				Done	Done	Done	Done	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			

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	RHS								
	Finishing			Super Structure	Sub Structure	Foundation					Dimension	Foundation			Sub Structure	Super Structure	Finishing		
	WC inside Str.	Approach Slab	Crash Barrier			Raft	PCC	Excavation	Excavation	PCC		Raft	Crash Barrier	Approach Slab			WC inside Str.		
1				Done	Done	Done	Done	Done	329+062	329+080	1X10.42	Done	Done	Done	Done	Done			
2				Done	Done	Done	Done	Done	337+874	337+895	1X10.42	Done	Done	Done	Done	Done			
3				Done	Done	Done	Done	Done	346+743	346+766	1x10.496	Done	Done	Done	Done	Done			
4			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	RHS							
	Superstructure		Sub Structure		Foundation		Pile Scope	Dimension			Foundation		Substructure		Superstructure			
	Deck Slab	Erection/Casting of Girders	Pier Cap	Pier	Pile Cap	Pile			Pile	Pile	Pile Cap	Pier	Pier Cap	Erection/Casting of Girders	Deck Slab	Approach Slab		
1		4	4	2 out of 2	2 out of 2	2 out of 2	16	32	324+193	324+210	1X29.214	16	2 out of 2	2 out of 2	2 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			95	3 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	3 out of 4			
4			3	2 out of 2	12 out of 14	2 out of 2	14	28	350+143	350+162	1x33.112	14	2 out of 2	13 out of 14	1 out of 2			
5			49	4 out of 4	24 out of 28	2 out of 2	28	56	354+636	354+660	1x48.603	28	2 out of 2	26out of 28	3 out of 4			

PROGRESS CHART FOR FLYOVER

SR.NO	PROGRESS CHART FOR FLYOVER																	
	LHS								Design Chainage	CA Chainage	RHS							
	Superstructure		Sub Structure		Foundation		Total Pile Scope	Dimension			Foundation		Substructure		Superstructure			
	Deck Slab	Erection/Casting of Girders	Pier Cap	Pier	Pile Cap	Pile			Pile	Pile	Pile Cap	Pier	Pier Cap	Erection/Casting of Girders	Deck Slab	Approach Slab		
1			14	3 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	24		

SR.N O	PROGRESS CHART FOR INTERCHANGE																	
	LHS							Design Chainage	CA Chainage	RHS								
	Superstructure		Sub Structure		Foundation		Total Pile Scope			Dimension	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			
SR.N O	PROGRESS CHART FOR ROB																	
	LHS							Design Chainage	CA Chainage	RHS								
	Superstructure		Sub Structure		Foundation		Total Pile Scope			Dimension	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	2	2	1				
SR.N O	PROGRESS CHART FOR MJB																	
	LHS							Design Chainage	CA Chainage	RHS								
	Superstructure		Sub Structure		Foundation		Total Pile Scope			Dimension	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		34	3 out of 7	3 out of 7	7 out of 7	114	228	336+810	336+830	6X42.20	114	6 out of 7	4 out of 7	2 out of 7				
SR.N O	PROGRESS CHART FOR VOP																	
	LHS							Design Chainage	CA Chainage	RHS								
	Superstructure		Sub Structure		Foundation		Total Pile Scope			Dimension	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 out of 3	3 out of 3	3 out of 3	14	14	326+957	326+982	2x48.221	Not Applicable							
2		7	3 out of 3	3 out of 3	3 out of 3	21	21	349+441	349+463	2x41.35	Not Applicable							

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				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	4 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			Going on Progress	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	1825	78	6		140

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	1825				485

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	SIDDHARTH INFRA POWER PVT. LTD.	GETCO	323+200	66 KV - Amod Sarbhan Line	vendor approval obtain through letter no.CE (Project) /II/T-2/66kv /NHAI/ IVKEL/ Patel /Sidharth infra-1/4161 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
2	SIDDHARTH INFRA POWER PVT. LTD.	GETCO	324+122	220 KV Kosamba - Mobha Lilo(Suva)	vendor approval obtain through letter no.CE (Project) /II/ T-2/ 66 kv/NHAI/ IVKEL/Patel / Sidharth infra- 7/4159 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
3	VIMA ALLAINCE INFRA PVT LTD	GETCO	325+132	220 KV Kosamba - Mobha	vendor approval obtain through letter no.CE (Project) /II/ T-2 / 66 kv/NHAI/ IVKEL /Patel /Vima Alliance-8/4162 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
4	VIMA ALLAINCE INFRA PVT LTD	GETCO	326+420	220 KV Gavasad - SSLP Line 1 & 2	vendor approval obtain through letter no. CE (Project)/II / T-2/ 66 kv/NHAI/ IVKEL/ Patel/Vima Alliance-6/4160 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
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	10	
14	330+280	330+290	C/L	TUBEWELL	10	
15	330+520	330+580	BHS	CANAL CROSSING		
16	330+620	330+630	RHS	TUBEWELL		
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	20	
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	20	
42	351+530	351+540	RHS	WELL		
43	352+880	353+000	RHS	CANAL CROSSING		
44	354+330	354+340	RHS	BOREWELL		
				TOTAL LENGTH	60	

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	10		
4	330+320	330+330	BHS	HOUSE	10		
5	341+750	341+851	LHS	ONGC GAS OFFICE	100		
TOTAL LENGTH					120		

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)	20	Temple
2	353+670	LHS	20	Mazar/Mosque
TOTAL LENGTH			40	

Details of Land related Hindrances as on 31.01.2021

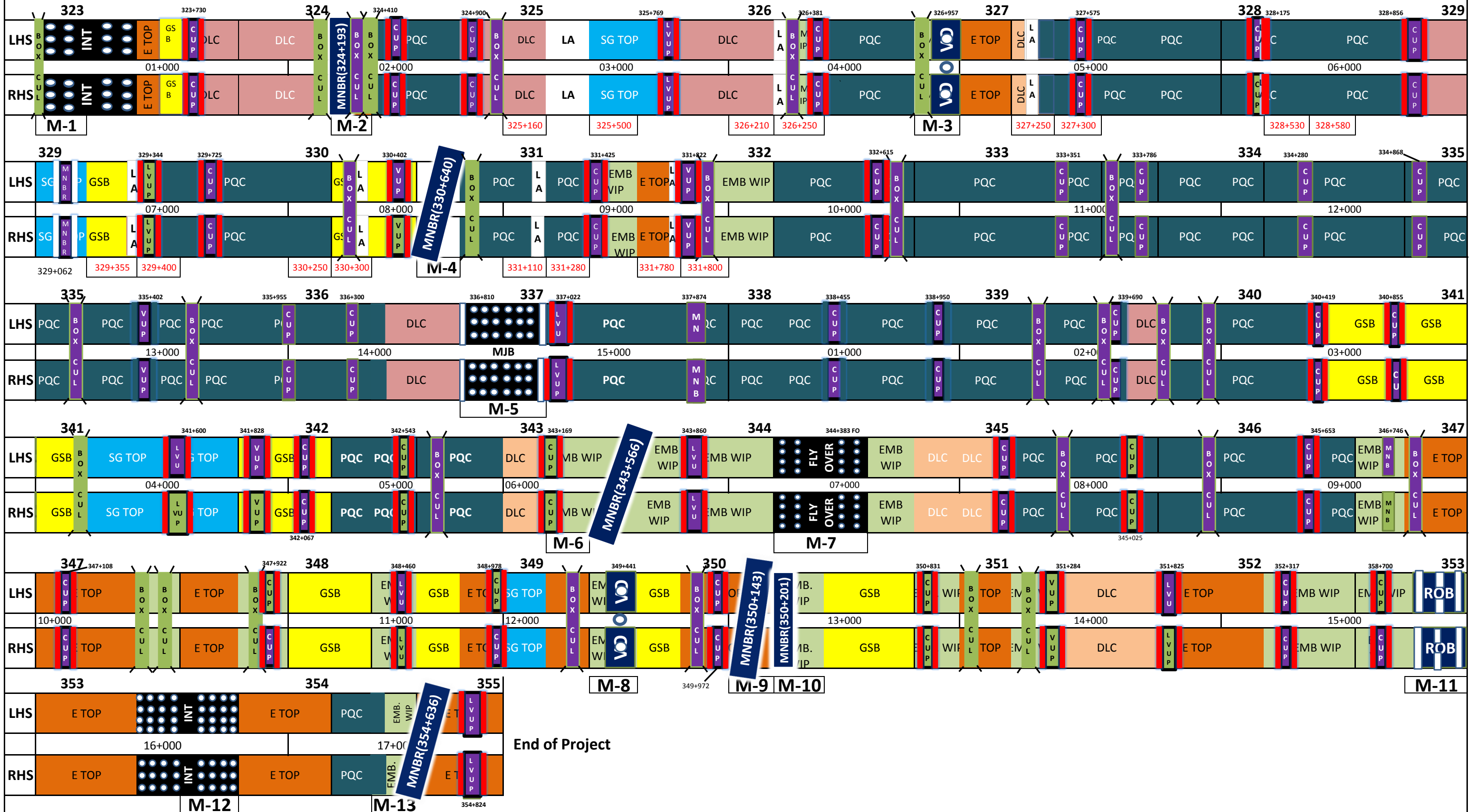
Sr. No.	Chainage from		Affacted length	Village Name	Survey No.	Structure/ Highway Affected	Owner Name	Hindrance Description	Current Status
Payment/ Add.3A Issues									
1	325+160	325+320	160	Sanpa	337	HPC	Govardhanbhai Ranchoddas	additional acquisition payment awaited at NHAI End	3G Award approved form NHAI
2	325+320	325+500	180	Sanpa	527	Highway	Mohadbhai aslam esab	additional acquisition payment awaited at NHAI End	3G Award approved form NHAI
3	326+210	326+250	40	Sanpa	169	Highway	Patel Babubhai ambalal	additional acquisition payment awaited at NHAI End	3G Award approved form NHAI
4	331+780	331+800	20	Handod	8	Highway	Prafulbhai Bhatt	additional acquisition payment awaited at NHAI End	3G Award approved form NHAI
5	329+355	329+400	45	Kanbha	413	Highway	Malik Yusuphbhai	Award of Rs. 2 lakh against tube well submitted to CALA for payment.	Land owners submitted documents for payments disbursed awaited from CALA
6	330+250	330+300	50	Kanbha	296	Highway	Idrishbhai ahamadbhai	Award of Rs. 2 lakh against tube well submitted to CALA for payment.	Land owners submitted documents for payments disbursed awaited from CALA
7	328+555	328+580	25	Bodka	161	Highway	Neelesh Patel	NHAI acquired 3 guntha Land but farmer claims that 11 Guntha land occupied by NHAI. CALA office is being persuade for settlement of additional claim of land owner. Add.3A Pursual awaited from Secon/NHAI end.	Seacon needs to resolve it.
Total Length			520						
Other Issue									
1	341+750	341+850	100	Amla		LVUP	ONGC GAS OFFICE	ONGC Well	
2	343+560	343+620	60	Sarswani	944	Minor Bridge	Rasikbhai Vitthalbhai Patel & GAIL	GAIL Compound wall	
3	351+300	351+350	50	Sokhda khurd	77	Highway	Jagdishbhai shivabhai solanki	Payment done but Ghanot didn't give possession	Force possession is being persuaded
Total Length			210						

Interchange/ Amenities issues									
1	323+000	323+400	400	Matar	Unknown	Interchange Ramp	Unknown	Interchange Ramp and Toll plaza	Pending at NHAI end
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 needs to resolve it
Total Length			900						
Total effected length			1630						

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 EPC (Phase-IA-Package II)

	EMB Top	SG Top	GSB TOP	DLC	PQC	EMB WIP
Scope Length(km)	30.52	30.52	30.52	30.52	30.52	30.52
Length Completed(km)	28.20	24.30	22.40	21.80	13.70	29.90

Structure Scope (No.)	Work Completed	Work in Progress	LA Hindrance (Km)	Utility Hindrance(km)	M-	STR
157	132	18.5	1.47	0.60	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	01.01.2021	PIL/ VK2/ IRCON/ 797 / 2020	Submission for approval of Stage Payment Statement (IPC) Nos. 19 - A & 19 - B for stages completed for the period 01.12.2020 to 31.12.2020 as per amendments/modified Schedule – H.
2	02.01.2021	PIL/HO/VKP2/IRCON/002 /2021	Submission of Design and Drawing of Compound Wall for Wayside Amenity at Ch. 346+060.
3	02.01.2021	PIL/HO/VKP2/IRCON/003 /2021	Submission of Design and Drawing of Compound Wall at Ch. 347+410.
4	02.01.2021	PIL/ VK2/ IRCON/ 798 / 2020	Submission of Profile Drawing for Approval for the shifting of 400KV D/C Sugan – Pirana Line of torrent at location 290 to 291 (1.61 KM) (OM Power)
5	02.01.2021	PIL/ VK2/ IRCON/ 799 / 2021	Submission of “Monthly Progress Report” for the Month of December - 2020.
6	02.01.2021	PIL/ VK2/ IRCON/ 800 / 2021	Submission of Revised Highway Plan & Profile for VOP approach at km. 326+957 & 349+441.
7	02.01.2021	PIL/ VK2/ IRCON/ 801 / 2021	Submission of Company profile & credentials of M/S. Pyramid Industries for source approval of BUILDCEM GGBS for Concrete & PQC Works.
8	02.01.2021	PIL/ VK2/ IRCON/ 802 / 2021	Submission of Company profile & credentials of M/S. CHRYSO India Private Limited for source approval of curing compound & Chemical admixture.
9	05.01.2021	PIL/ VK2/ IRCON/ 804 / 2021	Submission of Design and Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps for LVUP at Ch. 348+468.
10	05.01.2021	PIL/ VK2/ IRCON/ 806 / 2021	Submission of Grouting Mix design with NUVOCO Cement & Grout material FOSROC- Cebex 100.
11	06.01.2021	PIL/ VK2/ IRCON/ 807 / 2021	Submission of Design and Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps for LVUP at Ch. 329+344.
12	06.01.2021	PIL/ VK2/ IRCON/ 808 / 2021	Submission of Design and Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps for PUP at Ch. 348+978.
13	06.01.2021	PIL/HO/VKP2/IRCON/012/2021	Submission of Design and Drawing of Dormitory building Foundation for Wayside Amenity at Ch.346+060.
14	06.01.2021	PIL/HO/VKP2/IRCON/013/2021	Submission of Design and Drawing of Dormitory building Foundation for Wayside Amenity at Ch.347+410
15	06.01.2021	PIL/HO/VKP2/IRCON/014/2021	Submission of Design and Drawing of Major Bridge at Ch.336+810.
16	07.01.2021	PIL/ VK2/ IRCON/ 809 / 2021	Submission of Drainage detailed Plan & Profile from KM Ch. 330+070 to 340+020
17	07.01.2021	PIL/ VK2/ IRCON/ 810 / 2021	Testing of POT/PDTE FREE SLIDING bearings Manufacturer by M/s Steel Auto Industries through Video conferencing for Interchange at Ch. 323+074.
18	08.01.2021	PIL/ VK2/ IRCON/ 811 / 2021	Regarding M/s OM Power Transmission Pvt. Ltd depute for Shifting of 400 KV Power Transmission Line of Power Grid Corporation of India Limited (PGCIL).(Credential submitted)
19	08.01.2021	PIL/HO/VKP2/IRCON/016/2021	Submission of Design and Drawing of Major Bridge at Ch.336+810.
20	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.
21	11.01.2021	PIL/ VK2/ IRCON/ 813 / 2021	Inspection of Final Trial assembly of 45.9 Mtr span steel girder to be used for VOP at KM. 326+957.

Details of Letter Correspondence From PIL TO IRCON.

Sr.	Date	Letter Number	Subject
22	11.01.2021	PIL/ VK2/ IRCON/ 814 / 2021	Submission of Revised QAP (Quality Assurance Plan) of HMM INFRA LTD for 45.975M span Composite steel Girder for use at VOP Ch. 326+957.
23	12.01.2021	PIL/HO/VKP2/IRCON/020/2021	Submission of Design and Drawing of Toilet Block Foundation for Wayside Amenity at Ch.346+060
24	12.01.2021	PIL/HO/VKP2/IRCON/021/2021	Submission of Design and Drawing of Toilet Block Foundation for Wayside Amenity at Ch.347+410.
25	12.01.2021	PIL/ VK2/ IRCON/ 816 / 2021	Submission of Revised Highway Plan & Profile for VOP approach at km. 326+957 & 349+441.
26	13.01.2021	PIL/ VK2/ IRCON/ 818 / 2021	Inspection clearance Report of Steel Composite Girder 36M for 2 Span for Rail Over Bridge (ROB) Between Padra – Bhaili Station (Km. Post 8/4-5) along Jambusar – Pratapnagar section of Western railways at Ch. 352+968 of Vadodara Mumbai Expressway.
27	13.01.2021	PIL/ VK2/ IRCON/ 819 / 2021	Submission of Revised HIT Rebar Design of M/s HILTI India Pvt. Ltd. for Rebar work in pedestal for Metalic Guided bearing for LP4 pier cap & Pin Bearing for LP3 Pier cap at Interchange Ch. 353+666
28	13.01.2021	PIL/ VK2/ IRCON/ 820 / 2021	Submission of Design & Drawing of Retaining Wall Up to 15.0 m height.
29	18.01.2021	PIL/HO/VKP2/IRCON/031/2021	Submission of Undertaking for approval for submission of Bank Guarantee against Performance Security with reducing amount (3%)
30	18.01.2021	PIL/ VK2/ IRCON/ 821 / 2021	Compliance for Submission of revised QAP(Quality Assurance Plan) of M/s HMM Infra Ltd. for 45.975 m span Composite Steel Girder for use at VOP ch 326+957 Reg.
31	18.01.2021	PIL/ VK2/ IRCON/ 822 / 2021	Compliance for Submission of HIT Rebar Design of M/s HILTI India Pvt. Ltd. for Rebar work in pedestal for Metalic Guided bearing for LP4 pier cap & Pin Bearing for LP3 Pier cap at Interchange Ch. 353+666
32	19.01.2021	PIL/ VK2/ IRCON/ 823 / 2021	Submission of Profile Drawing for Approval for the shifting of (1) 66 KV Samiyala- Padra line between location 20/11 to 20/15 at ch. 353+962, (2) 66 KV Gotri – Jambuva - Padra line between location 20/28 to 20/34 at ch. 354+020, (3) 220 KV Gavasad- SLPP line no 03 & 04 between location 296 to 299 at ch 327+220 & (4) 66 KV Karjan – TGBL- Masar line between location 43 to 46 at ch. 331+927. (Stanza)
33	19.01.2021	PIL/HO/VKP2/IRCON/038/2021	Compliance Submission of layout Toll Plaza Building plan at Interchange Ch.323+075.
34	19.01.2021	PIL/HO/VKP2/IRCON/039/2021	Compliance Submission of Toll Plaza Administrative Building plan at Interchange Ch.353+666 for each loops & ramps.
35	19.01.2021	PIL/HO/VKP2/IRCON/040/2021	Submission of Design & Drawing of Major bridge at Ch. 336+810
36	21.01.2021	PIL/HO/VKP2/IRCON/043/2021	Submission of Design and Drawing of Compound Wall for Wayside Amenity at Ch.347+410.
37	21.01.2021	PIL/HO/VKP2/IRCON/044/2021	Submission of Design and Drawing of Compound Wall for Wayside Amenity at Ch.346+060.
38	21.01.2021	PIL/ VK2/ IRCON/ 824 / 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.
39	21.01.2021	PIL/ VK2/ IRCON/ 825 / 2021	Submission of M 80 Grade Grout mix design- Reg.

Details of Letter Correspondence From PIL TO IRCON.

Sr.	Date	Letter Number	Subject
40	21.01.2021	PIL/ VK2/ IRCON/ 827 / 2021	Submission of Borrow area soil test reports - Reg.
41	21.01.2021	PIL/ VK2/ IRCON/ 828 / 2021	Compliance for Submission of revised QAP(Quality Assurance Plan) of M/s HMM Infra Ltd. for 45.975 m span Composite Steel Girder for use at VOP ch 326+957.
42	22.01.2021	PIL/ VK2/ IRCON/ 829 / 2021	Testing of POT/PTFE Free Bearings, PIN Bearing, Metallic Guided Bearing & Transverse Guided Bearings Manufacturer by M/s Steel Auto Industries for VOP ch 326+957, MJB Ch. 336+810 and MNB Ch. 350+143 & 350+201 through video conferencing.
43	22.01.2021	PIL/ VK2/ IRCON/ 831 / 2021	Compliance for Submission of HIT Rebar Design of M/s HILTI India Pvt. Ltd. for Rebar work in pedestal for Metallic Guide bearing for LP4 Pier cap & Pin Bearing for LP3 Pier cap at Interchange at Km. 353+666
44	22.01.2021	PIL/HO/VKP2/IRCON/046/2021	Request to issue Change of Scope Notice on account of modification of normal lane to ETC lane in Toll system.
45	23.01.2021	PIL/ VK2/ IRCON/ 832 / 2021	Submission of Design and Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps for PUP/CUP at Ch. 323+730.
46	23.01.2021	PIL/ VK2/ IRCON/ 833 / 2021	Submission of Test Reports of Shop Drawings of Elastomeric Bearings for MNB at Ch. 324+193, 330+640 & 343+566 conducted by "M/s Hevea Rubber Technologies (P) Ltd. " dated: 06 & 07th January 2021.
47	25.01.2021	PIL/ VK2/ IRCON/ 835 / 2021	Submission of Profile Drawing for Approval for the shifting of 400 KV D/C Gandhar – Dehgam Line of PGCIL between location 91 to 95. (OM Power)
48	25.01.2021	PIL/ VK2/ IRCON/ 837 / 2021	Compliance for Submission of Design & Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps for LVUP at Ch. 348+468
49	27.01.2021	PIL/HO/VKP2/IRCON/054/2021	Regarding approval for Submission of Bank Guarantee against Performance Security with reducing amount 3% as per OM Issued by the MoRT&H dated 17.11.2020 & Subsequently NHA Circular 3.1.27 dated 19.11.2020
50	27.01.2021	PIL/ VK2/ IRCON/ 838 / 2021	Submission of Company profile & credentials of M/S. Bajaj Reinforcements LLP for source approval of Bajaj Fiber Guard Fibrillated Polypropylene Fibers for use in PQC Works.
51	27.01.2021	PIL/ VK2/ IRCON/ 839 / 2021	Submission of M 80 Grade Grout mix design with 7 days cube strength - Reg.
52	27.01.2021	PIL/ VK2/ IRCON/ 840 / 2021	Submission of Company profile & Credentials of Recron 3s Reliance Industries Limited for source approval Microfiber in concrete works.
53	27.01.2021	PIL/ VK2/ IRCON/ 841 / 2021	Testing of Elastomeric Bearings Manufacturer by M/s Polymer products for MNB Ch.350+201, VOP Ch 326+957, MNB Ch. 354+636 & VOP Ch. 349+441 through Video conferencing.
54	27.01.2021	PIL/ VK2/ IRCON/ 842 / 2021	Submission of Company Profile & Credential of M/s HMM Infra Ltd. of Kosamba Workshop for Fabrication, Metalizing, Painting and Launching of steel girders to be used in our Expressway Project.
55	28.01.2021	PIL/HO/VKP2/IRCON/057/2021	Regarding Submission of Drawing of Utility Chamber near structure location.
56	28.01.2021	PIL/HO/VKP2/IRCON/059/2021	Regarding Submission of Bank Guarantee against releasing of Retention Money (2nd tranche) as per clause 7.5.3 of EPC Contract Agreement.
57	28.01.2021	PIL/HO/VKP2/IRCON/060/2021	Regarding deletion of the provision of underground Tunnels at Toll Plazas
58	28.01.2021	PIL/ VK2/ IRCON/ 843 / 2021	Submission for approval of Stage Payment Statement (IPC) Nos. 20 - A & 20 - B for stages completed for the period 01.01.2021 to 27.01.2021 as per amendments/modified Schedule – H.

Details of Letter Correspondence From PIL TO IRCON.

Sr.	Date	Letter Number	Subject
59	29.01.2021	PIL/ VK2/ IRCON/ 846 / 2021	Annual Plantation Action Plan – 2021-22
60	29.01.2021	PIL/ VK2/ IRCON/ 847 / 2021	Inspection Report of Raw Material for Steel Composite Girder 36M for 2 Span for Rail Over Bridge (ROB) Between Padra – Bhaili Station (Km. Post 8/4-5) along Jambusar – Pratapnagar section of Western railways at Ch. 352+968 of Vadodara Mumbai Expressway.
61	29.01.2021	PIL/HO/VKP2/IRCON/064/2021	Request to deduct TDS @ 2% from onward RA bill
62	29.01.2021	PIL/ VK2/ IRCON/ 848 / 2021	Submission of PQC Mix design.
63	29.01.2021	PIL/HO/VKP2/IRCON/066/2021	Submission of Design and Drawing of Precast Box Culvert at Chainage 0+305 at Interchange (Ramp-3) location 323+075
64	29.01.2021	PIL/ VK2/ IRCON/ 849 / 2021	Submission for approval of Stage Payment Statement (IPC) Nos. 20 - A & 20 - B for stages completed for the period 01.01.2021 to 27.01.2021 as per amendments/modified Schedule – H. Request to Release Part Payment against the Stage Payment Statement (IPC) No.- 20 under Contract Clause 19.5.1.
65	30.01.2021	PIL/ VK2/ IRCON/ 850 / 2021	Compliance for Submission of Design & Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps for PUP/CUP at Ch. 348+978.
66	30.01.2021	PIL/ VK2/ IRCON/ 851 / 2021	Compliance for Submission of Design & Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps for LVUP at Ch. 329+344
67	30.01.2021	PIL/ VK2/ IRCON/ 852 / 2021	Submission Of Construction Methodology of Pavement Quality Concrete (PQC) For world Record attempt on 01-Feb-2021.
68	30.01.2021	PIL/HO/VKP2/IRCON/071/2021	Submission of Design and Drawing of Major Bridge at Ch.336+810.
69	30.01.2021	PIL/HO/VKP2/IRCON/072/2021	Regarding Providing Advance Traffic Management System in the Project Expressway.
70	30.01.2021	PIL/HO/VKP2/IRCON/073/2021	Submission of Bull Nose, Toll booth, Kerb and Crash barrier Drawings at Toll Plaza Location
71	30.01.2021	PIL/HO/VKP2/IRCON/075/2021	Submission of Design and Drawing of Precast Box Culvert Ch. 344+440 (Connecting Road)

Details of Letter Correspondence From IRCON to PIL

Sr.	Date	Letter Number	Subject
1	04.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2529	Submission of Design and Drawing of Precast Box Culvert at Ch. 344+342
2	04.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2530	Submission of Design and Drawing of Precast Box Culvert at Ch. 0+346 at Interchange (Ramp-2) location at Km. 323+075
3	06.01.2021	IRCON/ 3019/ VKE/ PATEL / 2533	Submission of Revised Design and Drawing of Friction Slab with Crash Barrier
4	06.01.2021	IRCON/ 3019/ VKE/ PATEL / 2534	Submission of HIT Rebar Design of M/s HILTI India Pvt. Ltd. for Rebar work in pedestal for Metallic Guide bearing for LP4 Pier cap & Pin Bearing for LP3 Pier cap at Interchange at Km. 353+666
5	06.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2536	Inspection of Structures, Retaining walls and RE Walls in National Highways.
6	08.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2548	Submission of Design and Drawing for Major Bridge at Ch. 336+810
7	08.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2549	Release of Original Bank Guarantees submitted for the work of "Willing Construction Contractors for Pre bid tie up with IRCON for the Proposed 08 Lane Mumbai - Vadodara Expressway Package in the state of Gujarat for NHAI PKG 8 & 9"
8	08.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2550	Regarding approval for submission of Bank Guarantee against Performance security with reduce amount i.e. 3% as per OM Issued by MoRT&H dated 17.10.2020 & Subsequently NHAI Circular 3.1.27 dated 19.11.2020
9	08.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2552	Release of Original Bank Guarantees against recovery of Mobilization Advance.
10	09.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2554	Regarding 28 days compressive strength of Precast Girder for ch 343+566 Segment 2F Girder No. 4.
11	09.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2555	Submission of Shop Drawings of Elastomeric Bearings for MNB at Ch. 350+201 & VOP Ch. 326+957 (Polymer Product)
12	09.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2556	Updation of Project specific Information on Project Management Software/ Data Lake Portal by AE/ IE
13	09.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2557	Testing of POT/PTFE FREE SLIDING bearings Manufacturer by M/s Steel Auto Industries through Video conferencing for Interchange at Ch. 323+074. (Note : subject written in IRCON Letter is wrong, actual subject is for Witness testing of POTPTFE Bearing M/s Steel auto industries for IC 323+074)
14	11.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2558	Profile Approval for the shifting for (1) Shifting of 220 KV Kosamba- Mobha Line no. 1 & 2 Between location no. 238 to 242 at project Ch. 325+132 & (2) Shifting of 220 KV Gavasad – SLPP Line no. 1 & 2 Between location no. 58 to 62 at project Ch. 326+420. (Vima)
15	11.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2559	Submission of Profile Drawing for Approval for the shifting of (1) 66KV Handod – Sarbhan Line at Ch. 323+233 & (2) 220 KV Kosamba – Mobha Line at Ch. 324+122. (Siddharth Infra)
16	11.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2560	Submission of Profile Drawing for Approval for the shifting of 400KV D/C Sugan – Pirana Line of torrent at location 290 to 291 (OM Power)

Details of Letter Correspondence From IRCON to PIL

Sr.	Date	Letter Number	Subject
17	12.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2568	Compliance for Submission of Company profile & credentials of M/s Guru Corporation for source approval of Micro Silica
18	12.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2569	Submission of Company profile & credentials of M/s Geo Source for source approval of Coir mate to be used in Project Expressway
19	12.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2570	Submission of Design and Drawing of Precast Box Culvert at Ch. 0+582 at Interchange (Ramp 1) Location 353+666
20	12.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2571	Submission of Design and Drawing for Major Bridge at Ch. 336+810
21	12.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2572	Submission of Design and Drawing of Precast Box Culvert at Ch. 0+345 at Interchange (Ramp 4) Location 353+666
22	13.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2577	Digitization of MPRs to be submitted by AEs/IEs/SCs
23	13.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2578	Closure of Non Conformance Report (NCR 15)
24	13.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2579	Submission of Shop Drawings of Strip Seal Type Expansion Joint for MNB at Ch. 354+636, MJB at 336+810, Interchange at Ch. 353+670, VOP at Ch. 326+957, ROB at Ch. 352+946 & MNB at Ch. 350+201 & at Ch. 350+143
25	13.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2580	Programme of Inspection on the Project Highway for the month of January 2021
26	14.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2581	Minimum clearance to be maintained for various Minor Bridges over Gas / Oil pipe lines or Irrigation canals locations in the project highway.
27	14.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2582	Submission of Design and Drawing of Compound Wall for Wayside Amenity at Ch. 347+410
28	14.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2583	Submission of Design and Drawing of Compound Wall for Wayside Amenity at Ch. 346+060
29	14.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2584	Submission of Profile Approval for the shifting for (1) shifting of 220 KV kosamba - mobha line no. 1 & 2 between location no. 238 to 242 at project ch. 325+132 & (2) shifting of 220 KV Gavasad - SLPP Line no. 1&2 between location no. 58 to 62 at project ch. 326+420 (Vima)
30	14.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2585	Submission of Profile Drawing for Approval for the shifting for (1) 66KV Handod- Sabhan line at ch. 323+233 & (2) 220 KV Kosamba - mobha line at Ch. 324+122 (Siddharth Infra)
31	16.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2587	Submission of HIT Rebar Design of M/s HILTI India Pvt. Ltd. for Rebar work in pedestal for Metallic Guide bearing for LP4 pier cap & Pin Bearing for LP3 Pier cap at Interchange at Ch. Km. 353+666
32	16.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2589	Regarding improper slope protection works.
33	16.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2591	Submission of revised QAP (Quality Assurance Plan) of M/s HMM Infra Ltd. for 45.975M span Composite Steel Girder for use at VOP ch. 326+957.
34	18.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2593	Submission of Company profile & Credentials of M/s Pyramid Industries for Source approval of Ground Granulated Blast Furnace Slag (GGBS)
35	18.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2594	Submission of Consolidated list of additional works required as per site conditions proposed under Change of Scope in accordance with Article 16 of Concession agreement along with supporting documents
36	18.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2597	Submission of Grouting Mix Design using NUVOCO Cement

Details of Letter Correspondence From IRCON to PIL

Sr.	Date	Letter Number	Subject
37	19.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2600	Submission of Design & Drawings of METALIC GUIDE BEARING & PIN BEARING for MNB at ch. km. 350+201
38	19.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2601	Submission of Design & Drawings of POT-PTFE FREE SLIDING BEARING & METALIC GUIDE BEARING & PIN BEARING for MNB at Ch. km. 350+143.
39	19.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2602	Submission of Design & Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps for LVUP at Ch. 348+468
40	19.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2603	Submission of Design & Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps for PUP/CUP at ch. Km. 348+978
41	19.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2604	Submission of Design & Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps for LVUP at Ch. 329+344
42	20.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2609	Review of Monthly Progress Report for the month December 2020 of the Concessionaire
43	21.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2613	Regarding Subgrade being constructed with soil from borrow area not approved for subgrade work by sand blending on site
44	21.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2615	Regarding Submission of Revised Plan and Profile from Km. 323.000 to 355+000
45	21.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2616	Profile Approval for the shifting for (1) shifting of 220 KV kosamba - mobha line no. 1 & 2 between Location no. 238 to 242 at project ch. 325+132 & (2) shifting of 220 KV Gavasad - SLPP line no. 1&2 between location no. 58 to 62 at project ch. 326+420. (Vima)
46	21.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2617	Submission of profile drawing for approval for the shifting of (1) 66KV Handod- Sarbhan line at Ch. 323+233 & (2) 220 KV Kosamba -Mobha line at Ch. 324+122 (Siddharth Infra)
47	21.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2618	Transfer of the Project from PIU- Bharuch to PIU-Godhra
48	21.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2619	Compliance regarding Submission of HIT Rebar Design of M/s HILTI India Pvt. Ltd. for Rebar work in pedestal for Metallic Guide bearing for LP4 pier cap & Pin Bearing for LP3 Pier cap at Interchange at Ch. Km. 353+666.
49	22.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2623	Regarding deletion of the provision of underground Tunnels at Toll Plazas
50	25.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2633	Standard operating procedure to decide penal action in case of failure of Structures / Highway in NHAI Project.
51	25.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2634	Payment of Contractor claim against work done during March 2021
52	27.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2639	Regarding Approval of Award under section 3(G) of NH Act, 1956 for villages Handod and Sanpa, Taluka Karjan, District Vadodara
53	28.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2646	Inspection Report of the Independent Engineer for the month of January 2021.
54	28.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2647	Annual Plantation Action Plan-2021-22.
55	28.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2648	Monthly Payment Certificate-5 (MPC-5) as per NHAI Circular under Atmanirbhar Bharat.
56	29.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2652	Testing of POT/PTFE Free Bearings, PIN Bearing, Metalic Guided Bearings & Transverse Guided Bearings Manufactured by M/s Steel Auto Ltd. for VOP ch 326+957, MJB Ch. 336+810 and MNB Ch. 350+143 & 350+201.
57	29.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2653	Compliance for submission of Shop Drawings of Strip Seal Type Expansion Joint for MNB at Ch. 354+636, MJB at 336+810, Interchange at Ch. 353+670, VOP at Ch. 326+957, ROB at Ch. 352+946 & MNB at Ch. 350+201 & at Ch. 350+143

Details of Letter Correspondence From IRCON to PIL

Sr.	Date	Letter Number	Subject
58	30.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2656	RA bill No.1 for shifting of MGVCL Electrical lines, LT/ HT Crossing and TC centre for Padra-2 Sub Division.
59	30.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2657	ATMS system
60	30.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2665	Submission of M80 Grade Grouting Mix Design using BASF Masterflow 410
61	30.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2666	Representation regarding Highway on Online portal of SWAGAT of Govt. of Gujarat for Village - Goriyad Ta-Padra Dist. Vadodara
62	02.02.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2672	Submission of PQC Mix design with NUVOCO/JK Laxmi /JK Super/ Wonder 43 Grade Cement and Natural Sand.
63	02.02.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2673	Submission of Design and Drawing of Bank Seat & Approach Slab at VOP Ch. 326+957
64	02.02.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2674	Submission of Design and Drawing of Bank Seat & Approach Slab at Minor Bridge Ch. 343+566
65	02.02.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2676	Testing of Elastomeric Bearings manufactured by M/s Polymer Products for MNB at Ch. 350+201, VOP at Ch. 326+957, MNB at Ch. 354+636 and VOP at Ch-349+441

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)
			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)
			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)
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)
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)
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)
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)
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)
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)
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 & Waste 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)
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)
							16.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2351	Closure of Non Conformance Report (NCR No. 008, 009, 010, 011, 012, 013 & 014)
			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)
							16.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2351	Closure of Non Conformance Report (NCR No. 008, 009, 010, 011, 012, 013 & 014)
			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)
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 Report (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)
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			
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)							

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 January -2021

Client

National Highways Authority of India

Concessionaire

Iron Vadodara Kim Expressway Ltd.

Independent Engineer

Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.

EPC Contractor

Iron International Ltd.

Contractor

Patel Infrastructure Ltd.

S. No.	DATE	TEMPERATURE (°C)		HUMIDITY (%)		RAINFALL (mm)	CUMM. RAINFALL (mm)	WEATHER	REMARKS
		Min.	Max.	Min.	Max.				
1	01-Jan-21	14.90	27.60	36.00	70.00	-	-	Sunny	
2	02-Jan-21	15.20	27.80	38.00	80.00	-	-	Sunny	
3	03-Jan-21	14.90	27.60	34.00	78.00	-	-	Sunny	
4	04-Jan-21	15.80	26.80	42.00	72.00	-	-	Sunny	
5	05-Jan-21	15.20	25.90	39.00	72.00	-	-	Sunny	
6	06-Jan-21	14.90	25.70	39.00	70.00	-	-	Sunny	
7	07-Jan-21	14.80	26.80	38.00	76.00	-	-	Sunny	
8	08-Jan-21	16.90	28.00	39.00	78.00	-	-	Sunny	
9	09-Jan-21	16.80	28.30	38.00	79.00	-	-	Sunny	
10	10-Jan-21	15.80	29.50	39.00	82.00	-	-	Sunny	
11	11-Jan-21	17.90	29.10	36.00	80.00	-	-	Sunny	
12	12-Jan-21	16.80	29.50	39.00	82.00	-	-	Sunny	
13	13-Jan-21	17.20	29.40	38.00	80.00	-	-	Sunny	
14	14-Jan-21	16.90	28.80	36.00	84.00	-	-	Sunny	
15	15-Jan-21	16.80	29.00	35.00	81.00	-	-	Sunny	
16	16-Jan-21	17.40	28.60	34.00	78.00	-	-	Sunny	
17	17-Jan-21	16.90	29.10	36.00	78.00	-	-	Sunny	
18	18-Jan-21	17.20	29.50	35.00	79.00	-	-	Sunny	
19	19-Jan-21	17.10	29.30	36.00	79.00	-	-	Sunny	
20	20-Jan-21	17.00	28.80	35.00	78.00	-	-	Sunny	
21	21-Jan-21	17.20	29.00	31.00	74.00	-	-	Sunny	
22	22-Jan-21	18.20	28.80	36.00	77.00	-	-	Sunny	
23	23-Jan-21	17.60	28.50	38.00	82.00	-	-	Sunny	
24	24-Jan-21	17.20	28.20	31.00	77.00	-	-	Sunny	
25	25-Jan-21	16.40	28.50	28.00	59.00	-	-	Sunny	
26	26-Jan-21	16.20	28.40	26.00	54.00	-	-	Sunny	
27	27-Jan-21	16.50	28.50	26.00	56.00	-	-	Sunny	
28	28-Jan-21	16.20	28.80	28.00	59.00	-	-	Sunny	
29	29-Jan-21	16.30	28.40	23.00	57.00	-	-	Sunny	
30	30-Jan-21	17.10	27.50	23.00	67.00	-	-	Sunny	
31	31-Jan-21	17.20	27.30	24.00	69.00	-	-	Sunny	

Cummulative Rainfall Till Date

- mm

Joashank
PIL

EPC Representative

Rajendra
Amte

Concessionaire Representative

Deep

IE Representative

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

Client National Highways Authority of India
 Concessionaire 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 JANUARY-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		
I.0 Tests on Borrow areas for Embankment and Subgrade								42887	42822	65	2064	2064	3	44951	44886	68	413	
1.1	FSI	1 test /1500 m ³	Mutually Agreed	9790276.6	482259.00	10272535.6	Cum	5138	5138	0	322	322	0	5460	5460	0	64	
1.2	Grain Size Analysis	1 test /1500 m ³	Mutually agreed				Cum	5138	5138	0	322	322	0	5460	5460	0	64	
1.3	LL / PL / PI	1 test /1500 m ³	Morst&h Clause 903.2.1				Cum	5138	5138	0	322	322	0	5460	5460	0	64	
1.4	MDD / OMC	1 test /1500 m ³	Morst&h Clause 903.2.1				Cum	5138	5138	0	322	322	0	5460	5460	0	64	
1.5	CBR Test	1 test /3000 m ³	Morst&h Clause 903.2.1				Cum	922	863	59	26	26	0	948	889	59	5	
1.6	Field Density (Emb. Layer)	1 test /3000 m ²	Morst&h Clause 903.2.2	37141818.9	958642.0	38100460.9	Sqm	18746	18742	4	320	320	0	19066	19062	4	64	
1.7	Field Density (Sub. Layer)	1 test /2000 m ²	Morst&h Clause 903.2.3	2175478.0	645544.0	2821022.0	Sqm	2667	2665	2	430	430	3	3097	3095	5	86	
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								765	760	5	345	345	0	1110	1105	5	69	
3.1	FSI	1 test /1500 m ³	Mutually Agreed	136500.0	93000.00	229500.0	Cum	91	91	0	62	62	0	153	153	0	12	
3.2	Grain Size Analysis	1 test /1500 m ³	Mutually agreed				Cum	91	91	0	62	62	0	153	153	0	12	
3.3	LL / PL / PI	1 test /1500 m ³	Morst&h Clause 903.2.1				Cum	91	91	0	62	62	0	153	153	0	12	
3.4	MDD / OMC	1 test /1500 m ³	Morst&h Clause 903.2.1				Cum	91	91	0	62	62	0	153	153	0	12	
3.5	Field Density (Emb. Layer)	1 test /3000 m ²	IRC SP 102, Cl. 4.2				546000.0	145325.00	691325.0	Sqm	401	396	5	97	97	0	498	493

Jogeshwar

EPC Representative

*Patel
AMC*

*Accepted
spc
{ EPO Test witness by site }
A.M.C*

MONTHLY QUALITY CONTROL AND ASSURANCE STATEMENT UPTO 31ST JANUARY-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)								4013	4013	8	536	536	0	4548	4548	8	107			
4.1	Gradation	1 test /400 m ³	Morth Cl. 903.3.3.1	201359.68	45888.00	247247.68	cum	618	618	8	135	135	0	753	753	8	27			
4.2	LL / PL / PI	1 test /400 m ³	Morth Cl. 903.3.3.1				cum	582	582	0	135	135	0	717	717	0	27			
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	1674973.9	265328	1940301.9	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				Sqm	2761	2761	0	266	266	0	3026	3026	0	53			
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	

Joashant

*Rajeev
A.M/c*

*Devi
A.M/c*

*{ FOD Test witness Test RT site }
A.M/c*

MONTHLY QUALITY CONTROL AND ASSURANCE STATEMENT UPTO 31ST JANUARY-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)								1148	1148	0	62	62	0	1210	1210	0	12	
7.1	Sieve Analysis (Gradation)	1 test per sublot divided	IS 2340 Cl.4				MT	562	562	0	31	31	0	593	593	0	6	
7.2	Material passing 75 micron (Silt Content)	1 test per sublot divided	IS 2340 Cl.4				MT	562	562	0	31	31	0	593	593	0	6	
7.3	Water absorption	1 test per sublot divided	IS 2340 Cl.4				MT	12	12	0	0	0	0	12	12	0	0	
7.4	Specific gravity (SSD)	1 test per sublot divided	IS 2340 Cl.4				MT	12	12	0	0	0	0	12	12	0	0	
8.0 Coarse Aggregate(For Concrete)								1270	1270	0	39	39	0	1309	1309	0	8	
8.1	Sieve Analysis (Gradation)	1 test per sublot divided	IS 2340 Cl.4				MT	563	563	0	31	31	0	594	594	0	6	
8.2	Aggregate Impact Value	1 test per sublot divided	IS 2340 Cl.4				MT	344	344	0	4	4	0	348	348	0	1	
8.3	Flakiness Index.	1 test per sublot divided	IS 2340 Cl.4				MT	345	345	0	4	4	0	349	349	0	1	
8.4	Specific gravity (SSD)	1 test per sublot divided	IS 2340 Cl.4				MT	9	9	0	0	0	0	9	9	0	0	
8.5	Water absorption	1 test per sublot divided	IS 2340 Cl.4				MT	9	9	0	0	0	0	9	9	0	0	
8.6	Los Angeles Abrasion Value	1 test per sublot divided	IS 2340 Cl.4				MT	0	0	0	0	0	0	0	0	0	0	
8.7	Material passing 75 micron	1 test per sublot divided	IS 2340 Cl.4				MT	0	0	0	0	0	0	0	0	0	0	
9.0 Cement								1911	1911	0	185	185	0	2096	2096	0	37	
Physical Tests																		
9.1	Standard Consistency Test	1 test per lot	IS 3535 Cl. 5.5.2 & 5.6.1				MT	319	319	0	28	28	0	347	347	0	6	
9.2	Soundness Test	1 test per lot	IS 3535 Cl. 5.5.2 & 5.6.1				MT	0	0	0	0	0	0	0	0	0	0	
9.3	Setting time Test	1 test per lot	IS 3535 Cl. 5.5.2 & 5.6.1				MT										0	
	(a) Initial Setting time						MT	319	319	0	28	28	0	347	347	0	6	
	(b) Final Setting Time						MT	319	319	0	28	28	0	347	347	0	6	
9.4	Compressive Strength Test	1 test per lot	IS 3535 Cl. 5.5.2 & 5.6.1				MT											
	(A) 72+ 1 Hr. strength						MT	344	344	0	34	34	0	378	378	0	7	
	(b) 168 + 2 Hr. strength						MT	316	316	0	31	31	0	347	347	0	6	
	(c) 672 + 4 Hr. strength						MT	294	294	0	36	36	0	330	330	0	7	

Rooshant

*Rajeev
AMC*

*Deep
AMC*

MONTHLY QUALITY CONTROL AND ASSURANCE STATEMENT UPTO 31ST JANUARY-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								25733	25733	0	3397	3397	0	29130	29130	0	679	
10.1	Grouting	Frequency according to table 1700-8	As per Morth 1716.2.4				Cum											
	7 days compressive strength						Cum	6	6	0	29	29	0	35	35	0	4	
	28 days compressive strength						Cum	4	4	0	64	64	0	68	68	0	4	
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		
	28 days compressive strength						Cum	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		862.500		Cum											
	7 days compressive strength						Cum	39	39	0	28	28	0	67	67	0	6	
	28 days compressive strength						Cum	69	69	0	12	12	0	81	81	0	2	
10.4	M 20 Grade	Frequency according to table 1700-8	As per Morth 1716.2.4		1127.79		Cum											
	7 days compressive strength						Cum	1171	1171	0	274	274	0	1445	1445	0	55	
	28 days compressive strength						Cum	2263	2263	0	367	367	0	2630	2630	0	73	
10.5	M 25 Grade	Frequency according to table 1700-8	As per Morth 1716.2.4		0.00		Cum											
	7 days compressive strength						Cum	0	0	0	0	0	0	0	0	0		
	28 days compressive strength						Cum	0	0	0	0	0	0	0	0	0		
10.6	M 30 Grade	Frequency according to table 1700-8	As per Morth 1716.2.4		3341.49		Cum											
	7 days compressive strength						Cum	959	959	0	118	118	0	1077	1077	0	24	
	28 days compressive strength						Cum	2976	2976	0	305	305	0	3281	3281	0	61	
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	0	0	0	1039	1039	0	0	
	28 days compressive strength						Cum	5330	5330	0	22	22	0	5352	5352	0	4	

Jaswant

*Rajiv
AM/C*

*Deep
S.P.*

MONTHLY QUALITY CONTROL AND ASSURANCE STATEMENT UPTO 31ST JANUARY-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		3195.50		Cum											
	7 days compressive strength						Cum	1566	1566	0	86	86	0	1652	1652	0	17	
	28 days compressive strength						Cum	5752	5752	0	316	316	0	6068	6068	0	63	
10.8	M 40 Grade	Frequency according to table 1700-8	As per Morth 1716.2.4		634.425		Cum											
	7 days compressive strength						Cum	210	210	0	28	28	0	238	238	0	6	
	28 days compressive strength						Cum	542	542	0	84	84	0	626	626	0	17	
10.9	M 45 Grade	Frequency according to table 1700-8	As per Morth 1716.2.4		1579.538		Cum											
	7 days compressive strength						Cum	120	120	0	53	53	0	173	173	0	11	
	28 days compressive strength						Cum	372	372	0	154	154	0	526	526	0	31	
10.1	M 50 Grade	Frequency according to table 1700-8	As per Morth 1716.2.4		1152.813		Cum											
	7 days compressive strength						Cum	42	42	0	25	25	0	67	67	0	5	
	28 days compressive strength						Cum	101	101	0	100	100	0	201	201	0	20	
10.11	DLC Concrete	3 samples per 1000 sqm	As per Morth 903.5.1.1	146487.97	43575.00	190062.97	Cum											
	7 days compressive strength						Cum	383	383	0	201	201	0	584	584	0	40	
	Insitu Density	3 density holes per 1000 sqm	As per Morth 903.5.1.2				Cum	1046	1046	0	291	291	0	1337	1337	0	58	
10.12	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	199774.64	64125.00	263899.64	Cum											
	7 days compressive strength						Cum	150	150	0	68	68	0	218	218	0	14	
	28 days compressive strength						Cum	339	339	0	352	352	0	691	691	0	70	
10.13	7 days flexural strength						Cum	150	150	0	68	68	0	218	218	0	14	
	28 days flexural strength						Cum	339	339	0	352	352	0	691	691	0	70	

Prashant

*Rajeev
Amc*

*Deep
Amc*

MONTHLY QUALITY CONTROL AND ASSURANCE STATEMENT UPTO 31ST JANUARY-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																						
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	478	478	0	616	616	0	1094	1094	0	123					
	Slump test at Site																					
	Slump test at Plant							0	0	0	0	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	0	0	0	0	0	0	0	0	0	0					
	Slump test at Site																					
	Slump test at Plant							0	0	0	0	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	0	0	0	0	0	0	0	0	0	0					
	Slump test at Site																					
	Slump test at Plant							20	20	0	83	83	0	103	103	0	17					
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	20	20	0	83	83	0	103	103	0	17					
	Slump test at Site																					
	Slump test at Plant							0	0	0	0	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	0	0	0	0	0	0	0	0	0	0					
	Slump test at Site																					
	Slump test at Plant							29	29	0	47	47	0	76	76	0	9					
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	29	29	0	47	47	0	76	76	0	9					
	Slump test at Site																					
	Slump test at Plant							63	63	0	64	64	0	127	127	0	13					
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	63	63	0	64	64	0	127	127	0	13					
	Slump test at Site																					
	Slump test at Plant							52	52	0	32	32	0	84	84	0	6					
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	52	52	0	32	32	0	84	84	0	6					
	Slump test at Site																					
	Slump test at Plant							35	35	0	34	34	0	69	69	0	7					
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	35	35	0	34	34	0	69	69	0	7					
	Slump test at Site																					
	Slump test at Plant							20	20	0	26	26	0	46	46	0	5					
11.10	PQC Grade Concrete	1 test per per each dumper	As per Morth Cl. 904.5.2.4 (Table-900-6)				Cum	20	20	0	26	26	0	46	46	0	5					
	Slump test at Site																					
	Slump test at Plant							0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11.11	Texture Depth Test	Per day 5 Measurements	As per MORT&H Cl. 602.9.8.4 (Table-600-2)					40	40	0	44	44	0	84	84	0	9					
Total Tests																						
Total Laboratory tests								82291	82213	86	7243.39	7244	3	89533.38933	89456	89	1449					
Total Field Tests								53080	53021	67	5267.51	5268	0	58347.506	58289	67	1054					
								29211	29192	19	1975.88	1976	3	31185.88333	31167	22	395					

Prakash

EPC Representative

Prakash
Am/c

Deep
Kumar

PMC Representative

XI. ACCIDENT REPORT

Month : January 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



323+074 INTERCHANGE



337+022 LVUP



353+666 INTERCHANGE



336+810 MJB



UTILITY DUCT LAYING CONCRETE WORK IS IN PROGRESS@333+580 RHS



352+946 ROB PIER SHAFT CONCRETE POURING WORK



352+700 RHS side Cantilever Earth Retaining wall concrete pouring



330+853 BOX CULVERT RETAINING WALL CONCRETE POURING



326+957 VOP A1 4th and A2 final lift concrete Pouring



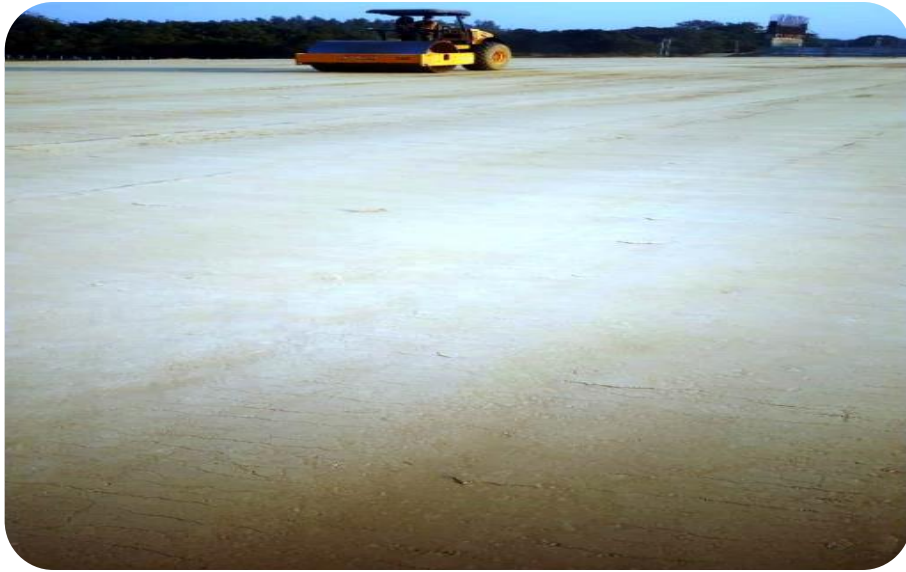
337+022 LVUP PARAPET WALL CONCRETE POURING



RCC GIRDER CONCRETE POURING @344+383



Toe Drain laying is in process @332+350 LHS



Rolling Work at ch 352+750 to 352+880 embankment layer



FDD CHECKING OF EMB LAYER AT CH 348+000 TO 348+130



Dumping at ch 344+000 to 344+300



DLC WORK AT KM 354+600



GSB WORK AT KM 343



DLC LAYING AT CH 328+420 MEDIAN SIDE



GIRDER 343+566 MNB



PRECAST "U" DRAIN LAYING AT 328



KERB LAYING WORK AT CHAINAGE 345+950 LHS



CURING COMPOUND SPRAYING ON KERB @327+890 LHS



SLOPE PROTECTION WORK BY COIRE MATE AT KM 334



SLOPE PROTECTION WITH GEO CELL LAYING AT KM 334



PQC AT KM 346



ROAD STATUS OF PQC WORK & PRECAST "U" DRAIN AT KM 340



PQC LAYING 326+445 to 326+805 LHS



TOE DRAIN AT KM 339



FENCING RCC WALL IS IN PROGRESS AT CH - 339 + 550 RHS



GIRDER LAUNCHING LOCATION CH 353+666



GIRDER LAUNCHING AT KM 353+666 INTERCHANGE



GIRDER LAUNCHING AT KM 353+666 INTERCHANGE Page 84 of 87



CORE CUTTING SAMPLE OF PQC AT CH 339+500



CORE CUTTING SAMPLE OF PQC AT CH 339+500



324+410 CUP LHS cushion wall concrete pouring



324+254 BC LHS A1 wall first lift concrete Pouring Page 85 of 87



CRANE INSPECTION AT CH-353+666 LOCATION



FIRST AID KIT PROVIDED AT CH-330+402



“MONTH OF NATIONAL ROAD SAFETY” Banners Displayed at Major Diversion Location 353+666



Overhead power line net barricading & red flag for indication at MJB ch-336+100



REDMI NOTE 9
AI QUAD CAMERA

RETAINING WALL 353+470 to 353+490 CONCRETE POURING



343+566 MNB PSC girder concrete pouring



351+009 Retaining wall LHS final lift concrete Pouring.