

MONTHLY PROGRESS REPORT

April - 2021



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

Concessionaire: IVKEL



IRCON INTERNATIONAL LIMITED

(A Government of India Undertaking)

EPC Contractor:

PATEL INFRASTRUCTURE LIMITED

PATEL HOUSE, CHANNI, VADODARA



Every Milestone is Our Value

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

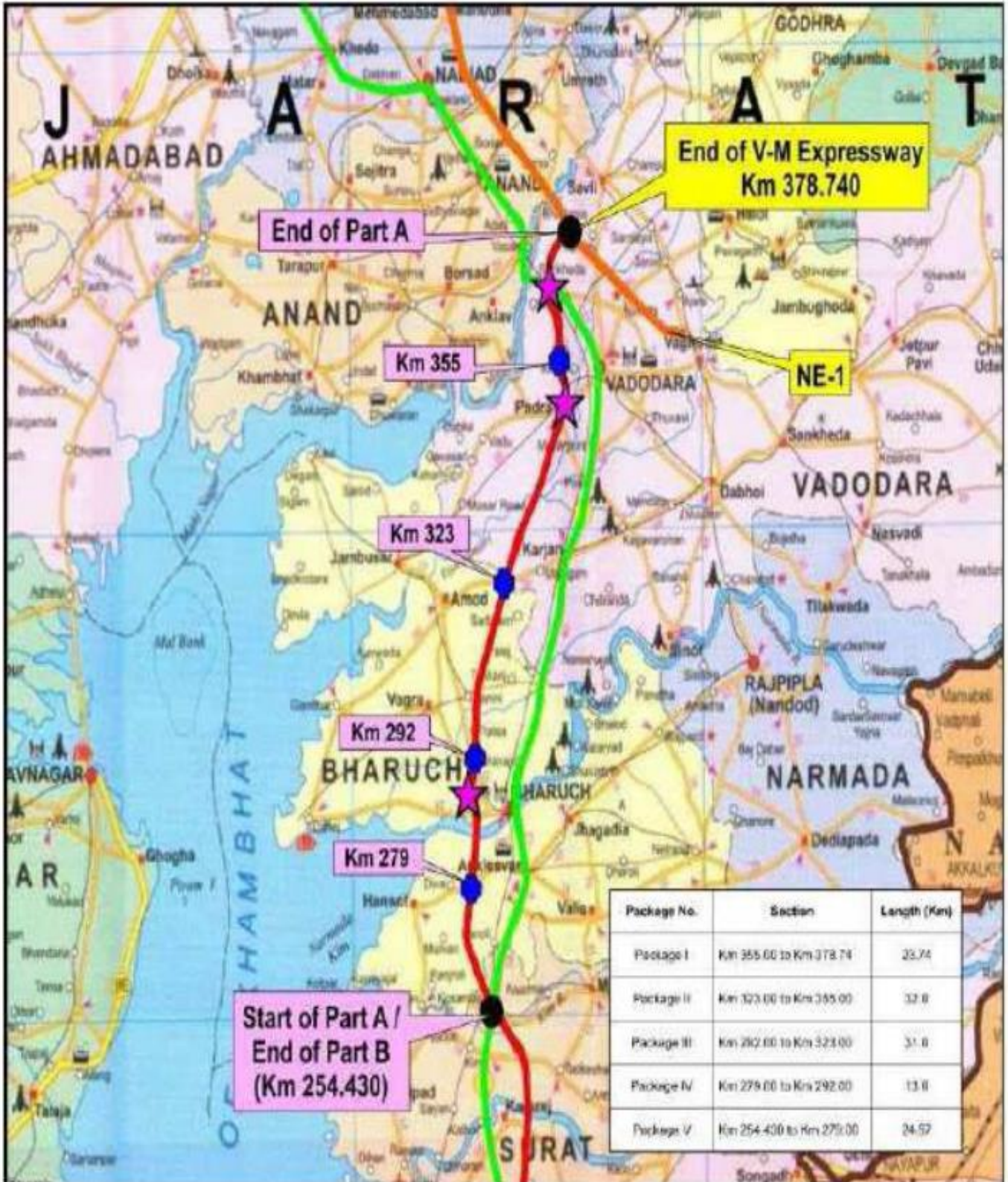
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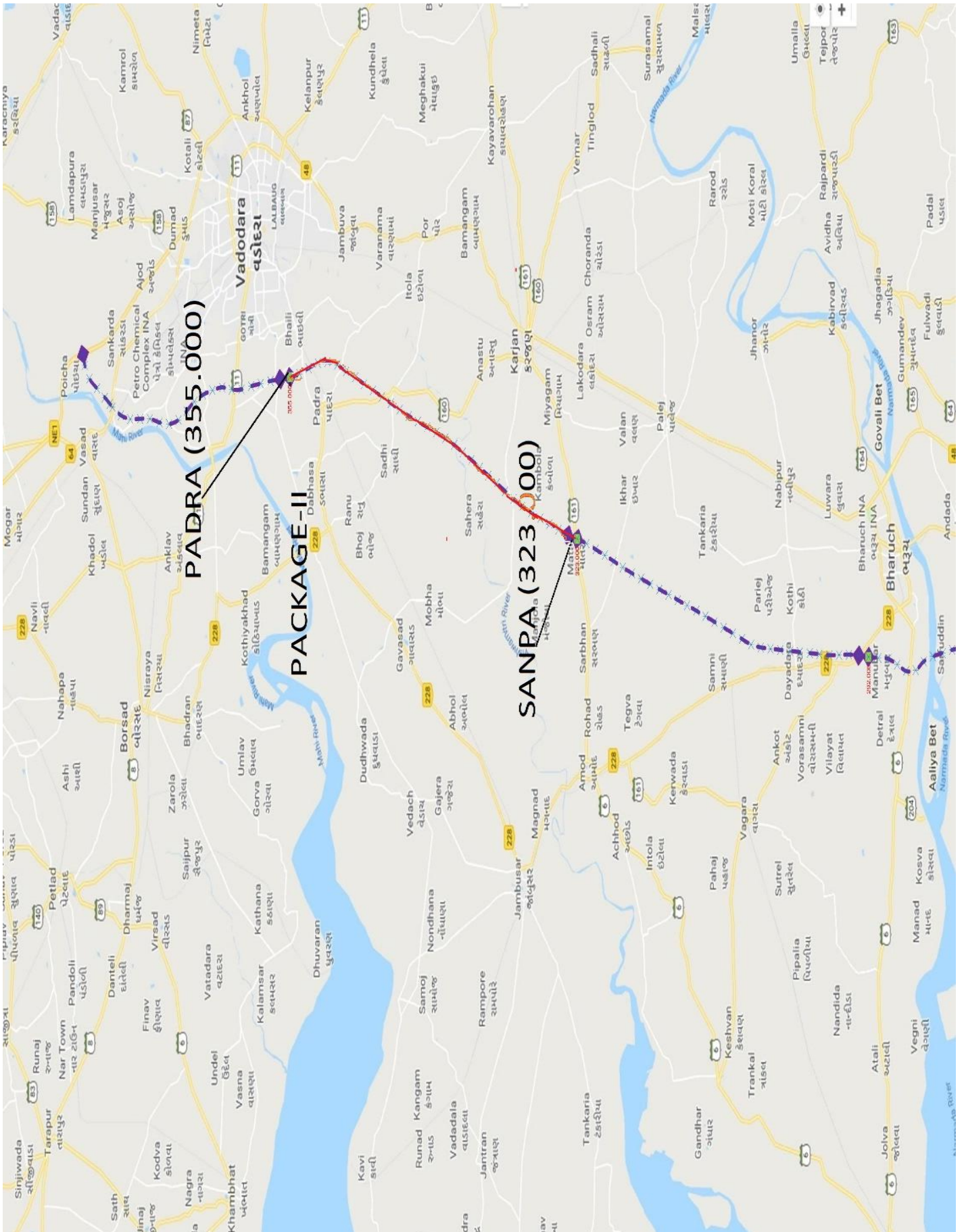
Construction of Eight lane Vadodara Kim Expressway from Km 323.00 to Km 355.00
 National Highway Authority of India (NHDP Phase VI)
 IRCON International Limited

I. LOCATION PLAN & KEY PLAN

A. Key plan of Expressway

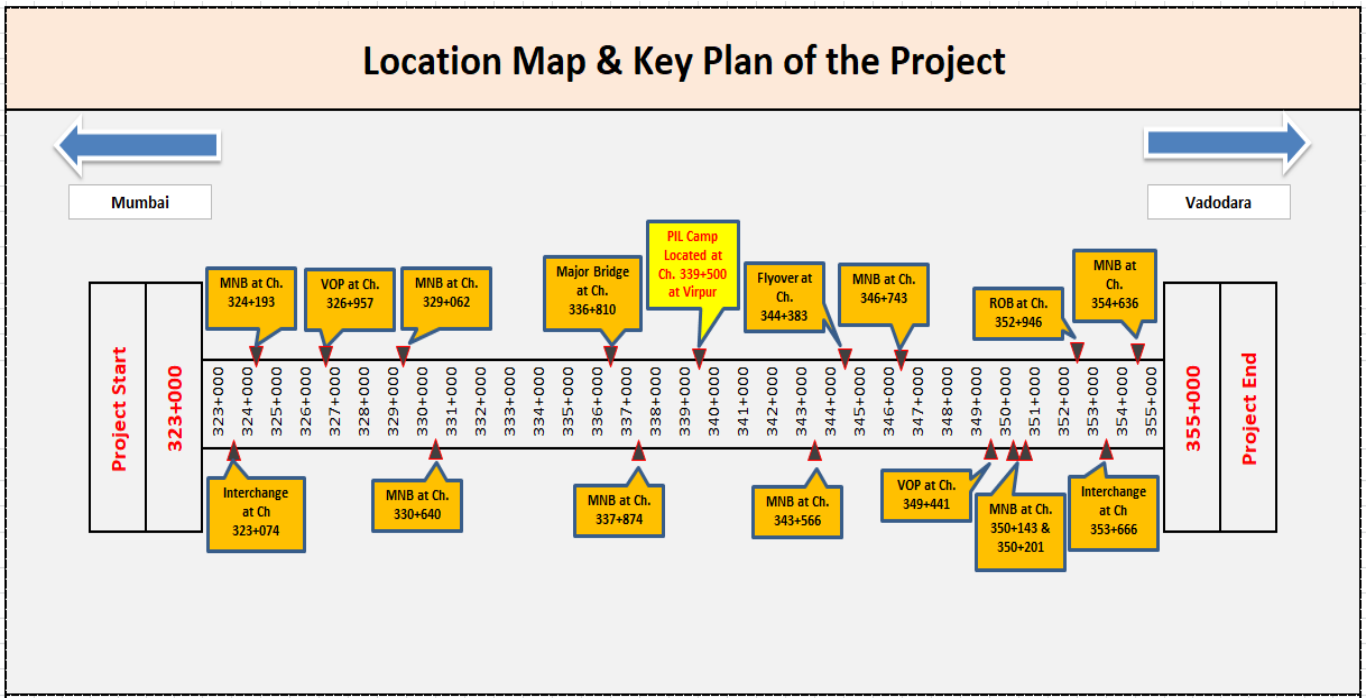


Construction of Eight lane Vadodra Kim Expressway from Km 323.00 to Km 355.00
 National Highway Authority of India (NHDP Phase VI)
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Construction of Eight lane Vadodara Kim Expressway from Km 323.00 to Km 355.00
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B. 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 IRCON International Limited 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, Plantation 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 April 2021. The PQC work of the main carriageway has been continued and 20.97 Km completed out of total 30.52 Km. 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 (%)	87.49%
2	Cumulative Achieved Physical Progress up to Current month (%)	77.83%
3	Physical progress target during current month (%)	4.22%
4	Physical progress achieved during current month (%)	2.72%
5	Cumulative stage achieved (Schedule-H) up to Current month (%)	59.41% (870.41 Cr.)

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

III. PROJECT OVERVIEW

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

A. Milestones as per CA:

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

Construction of Eight lane Vadodara Kim Expressway from Km 323.00 to Km 355.00
National Highway Authority of India (NHDP Phase VI)
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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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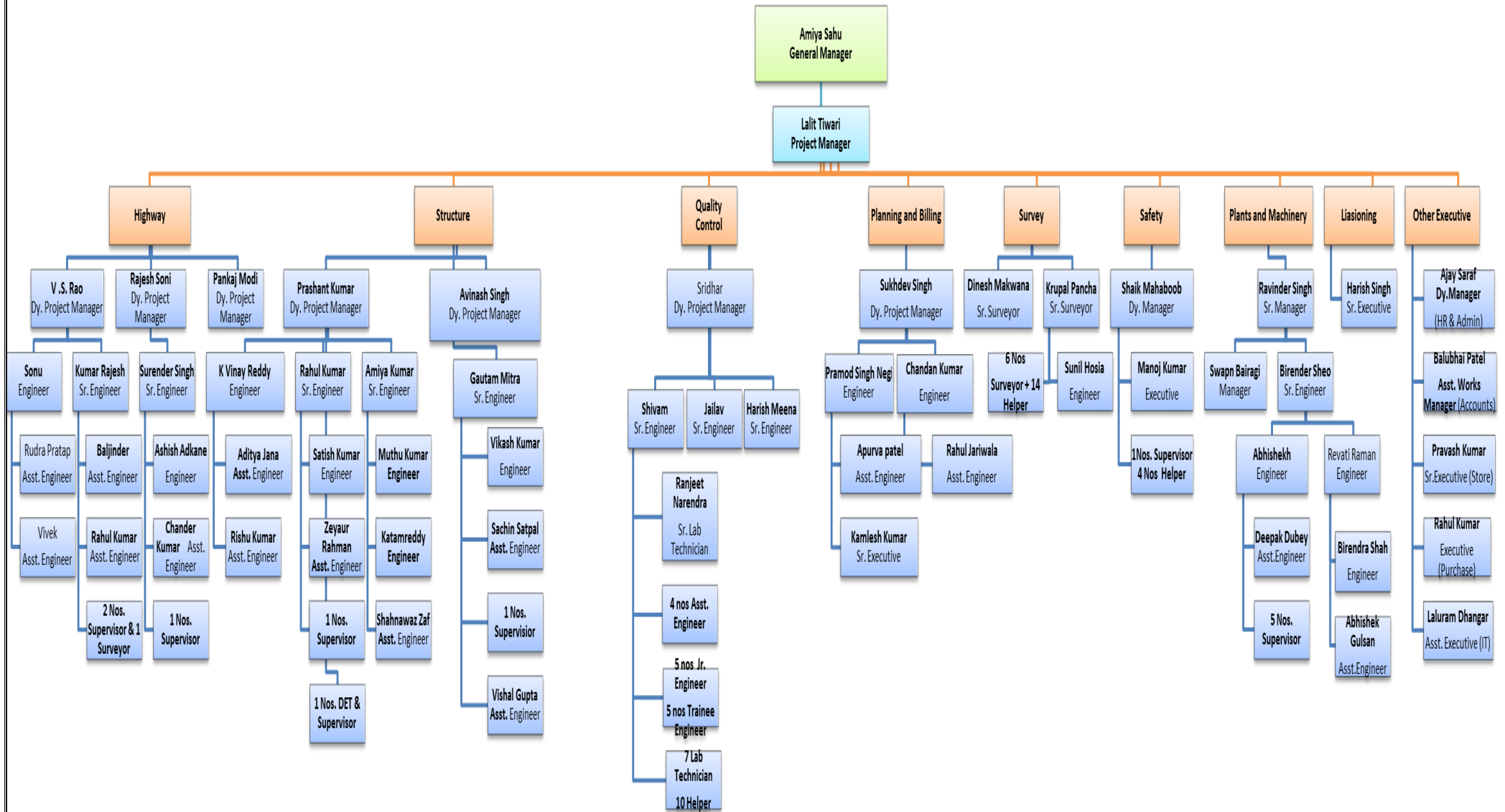
C. Details of MCW:

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	16	22	20 Working	Operator/Driver returning to their native places in worry of lockdown due to COVID 19 PANDEMIC
2	Excavator	Nos	19	35	24 Working	
3	Motor Grader	Nos	19	29	18 Working	
4	Vibratory Roller/Soil Compactor	Nos	24	38	22 Working	
5	Wet Mix Paver	Nos	0	0		
6	Wet Mix Plant	Nos	0	1	Working	
7	DLC Paver	Nos	0	1	Working	
8	PQC Paver	Nos	0	2	Working	
9	Hot Mix Plant	Nos	0	0		
10	Bitumen Paver	Nos	0	0		
11	Bitumen Sprayer	Nos	0	0		
12	Broomer	Nos	0	1	Working	
13	Tandem Roller	Nos	3	3	Working	
14	Pneumatic Tyre Roller	Nos	0	0		
15	Dumpers/Tipper	Nos	95	130	118 Working, 5 under Maintenance	Operator/Driver returning to their native places in worry of lockdown due to COVID 19 PANDEMIC
16	FE Loaders/Dozer	Nos	7	10	Working	
17	Water Tanker	Nos	24	52	42 Working, 2 under Maintenance	
18	Compressor	Nos	0	0	Working	
19	Concrete Batching Plant	Nos	1	10	CP-45 (2),CP-18, CP-65, CP-115, H6N240,CP-250,CP-30(3)	
20	Transit Mixers	Nos	14	42	32 Working, 2 under Maintenance	
21	Concrete Pump + Boom placer	Nos	2	3	Working	
22	Kerb Machine	Nos	1	1	Working	
23	Crusher - 250 MT	Nos	1	1	Working	
24	Weigh Bridge	Nos	4	3	Working	
25	Tractor	Nos	6	13	Working	
26	Diesel Tanker	Nos	2	5	Working	
27	Tempo	Nos	3	3	Working	
28	Tower Light	Nos	4	12	Working	
29	Hydra Crane	Nos	6	12	Working	
30	Vibratory Rammer	Nos	2	2	Working	
31	Dewatering Pump (Portable)	Nos	5	6	Working	
32	Baby Roller	Nos	2	2	Working	
33	Trailer / Platform Truck	Nos	1	6	Working	
34	Vibrator (Needle Type)	Nos	8	18	Working	
35	Kerb Cutter	Nos	2	2	Working	
36	Pile Boring machines	Nos.	1	2	Working	

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G. Details of Applicable Permits:

Status of Applicable Permits (As per Schedule F) As on 30.04.2021

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

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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 77.83 % as on 30.04.2021.

Given below is the summary of status of the works executed as on 30.04.2021

B. Highway Progress:

Sr. No.	Item	Unit	Scope of work	Completed	Work in Progress	Balance work
1	C & G	Km	30.52	30.40	0	0.12
2	Embankment	Km	30.52	28.60	1.8	0.12
3	Sub grade	Km	30.52	26.70	1.0	2.82
4	GSB	Km	30.52	25.90	0.9	3.72
5	DLC	Km	30.52	25.30	0.70	4.52
6	PQC	Km	30.52	20.97	2.05	7.50

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

A. Structure Progress:

SR. No.	Type Of Structure	Total No. of Structure as per CA	Completed Structure	No of Work in progress of structure	Structure To be Taken.	Remarks
1	HPC	42	42+4	0	0	1.) Both side, chambers Construction is in progress.
2	BOX Culvert	52	36	12	4	2.) Balance for connecting roads, ramps & loops.
3	Flyover	1	0	1	0	1.) Girder Launching Completed 2.) Shuttering for slab is in progress
4	ROB	1	0	1	0	1.) Pile Cap- 6 Nos. Completed. 2.) Substructure Completed 3.) Assembly of Steel Girders is in progress

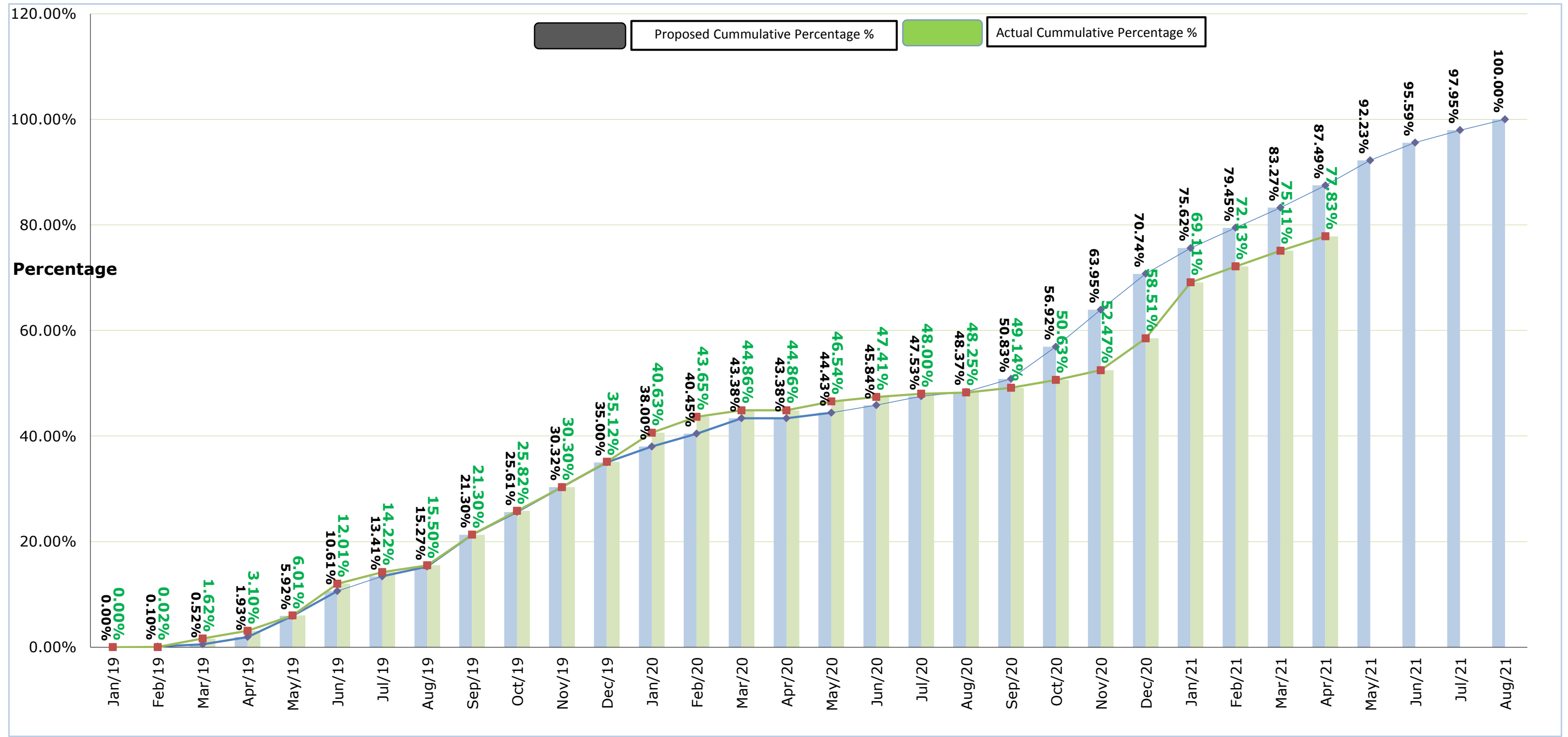
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5	MJB	1	0	1	0	1.) Substructure for 9 Nos. Completed, For balance, work is in progress 2.) Girder casting completed 3.) Stressing work under progress
6	MNB	9	3	6	0	Box Type 1.) Foundation-4 Nos. completed 2.) Substructure-4 Nos. completed 3.) Superstructure- 3Nos. completed 4.) Girder-All completed 5.) Approaches completed for 3 nos. MNB Pile Type 1.) Foundation-All completed 2.) Substructure – 36/36 Nos. In Completed. 3.) Girder completed 4.) Launching Completed. 5.) 2 slab completed, Shuttering For slab is in progress
7	Interchange	2	0	2	0	At Location 323+074 1.) Foundation-8 Nos. completed 2.) Substructure-8 Nos. completed 3.) Girder Launching Completed 4.) Shuttering for slab work is in progress At Location 353+666 1.) Foundation-16 Nos. completed 2.) Substructure-16 Nos. completed 3.) Girder-102 Nos. completed, Launching in Progress, slab steel binding in progress. 4.) LHS – Box Girder, completed upto web
8	VOP	2	0	2	0	At Location 349+441 1.) Foundation- completed 2.) Substructure- completed 3.) Girder Launching & Fixing completed At Location 326+957 3.) Foundation-3 Nos. completed 4.) Substructure- 3 completed
9	LVUP	8	8	0	0	Completed.
10	VUP	5	5	0	0	Completed
11	PUP/CUP	34	34	0	0	Completed
Total		157	132	25	4	
1	Utility Duct	61	61	61	0	Extension in connecting Road is in Progress

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

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S- Curve (Physical Progress for Project Miles)



MS-I

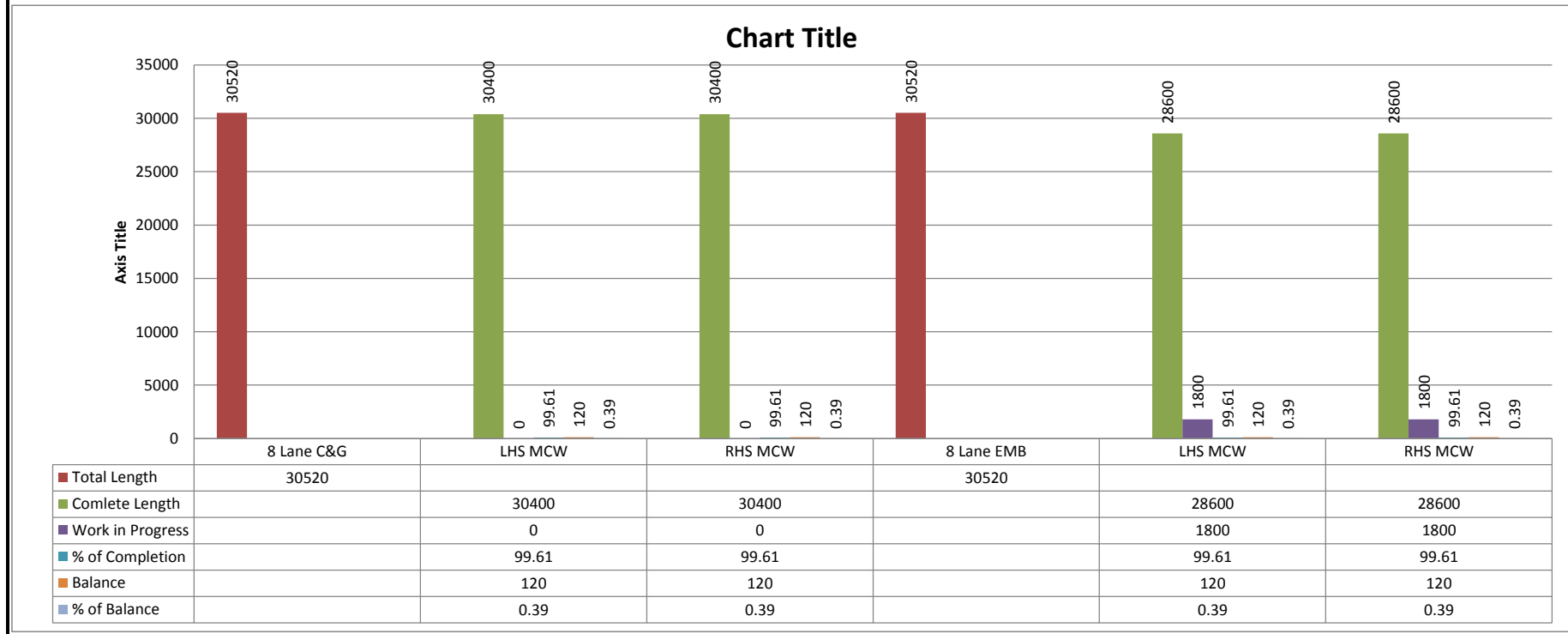
MS-II

MS-III

MS-IV

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%	72.13%	75.11%	77.83%				

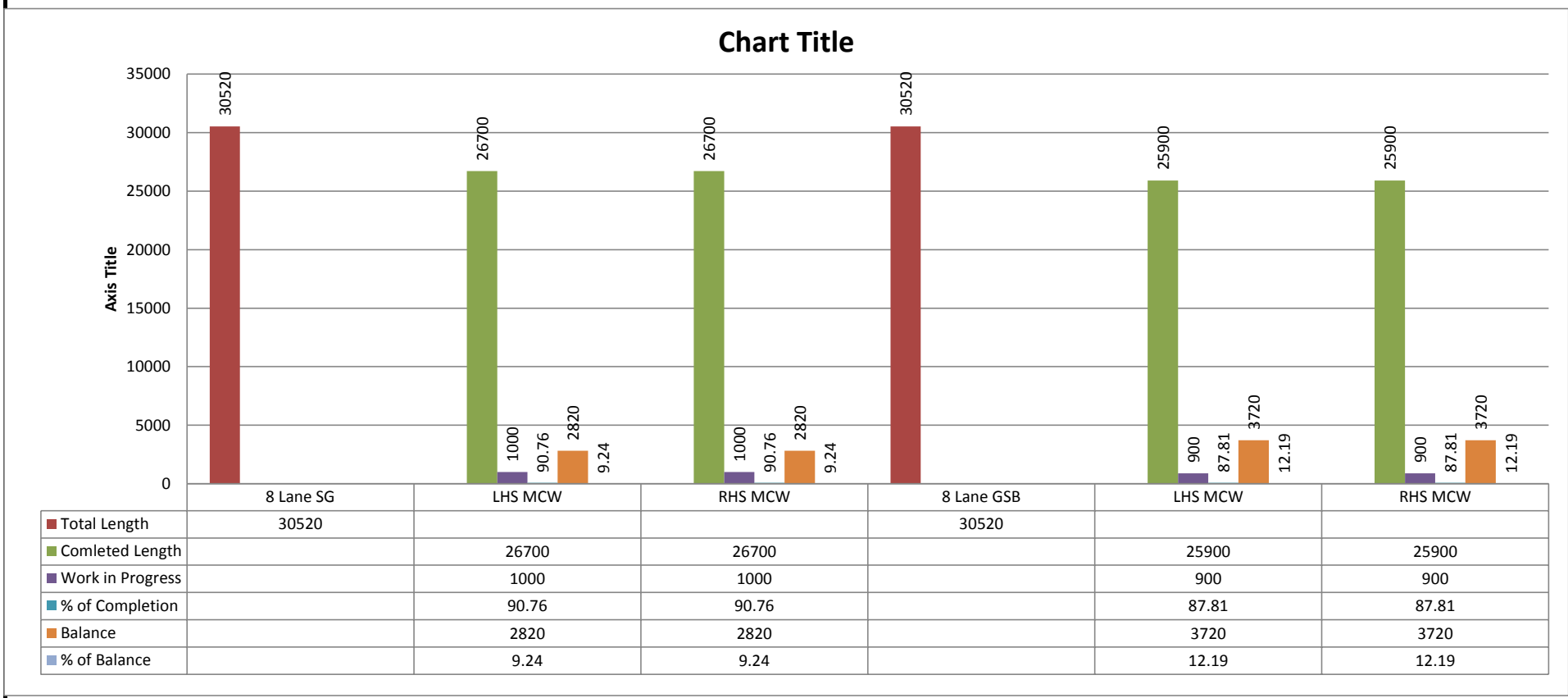
Highway Bar Chart							30.04.2021
S.No.	Type of Work	Total Length	Complete Length	Work in Progress	% of Completion	Balance	% of Balance
1	8 Lane C&G	30520					
2	LHS MCW		30400	0	99.61	120	0.39
3	RHS MCW		30400	0	99.61	120	0.39
4	8 Lane EMB	30520					
5	LHS MCW		28600	1800	99.61	120	0.39
6	RHS MCW		28600	1800	99.61	120	0.39



Highway Bar Chart							30.04.2021
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		26700	1000	90.76	2820	9.24
3	RHS MCW		26700	1000	90.76	2820	9.24
4	8 Lane GSB	30520					
5	LHS MCW		25900	900	87.81	3720	12.19
6	RHS MCW		25900	900	87.81	3720	12.19

1070

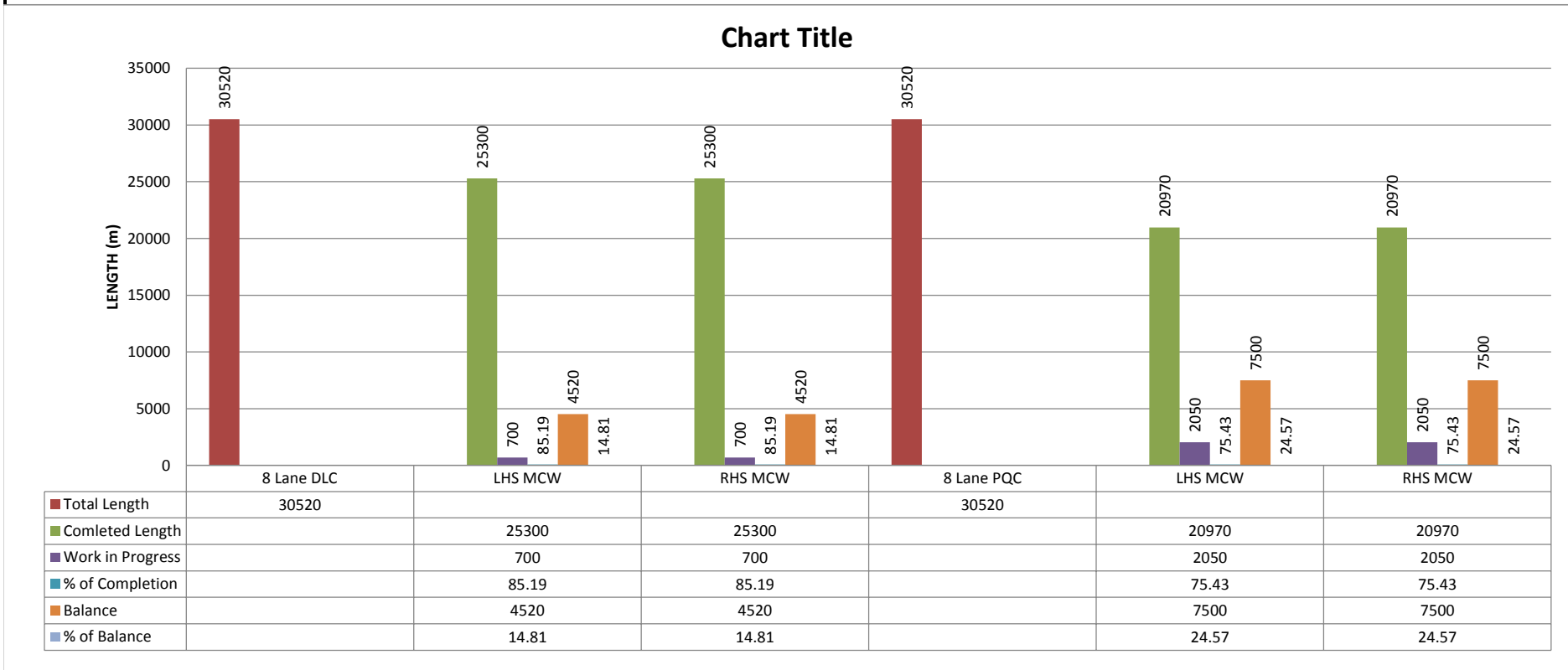
830



Highway Bar Chart							30.04.2021
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		25300	700	85.19	4520	14.81
3	RHS MCW		25300	700	85.19	4520	14.81
4	8 Lane PQC	30520					
5	LHS MCW		20970	2050	75.43	7500	24.57
6	RHS MCW		20970	2050	75.43	7500	24.57

2400

4330



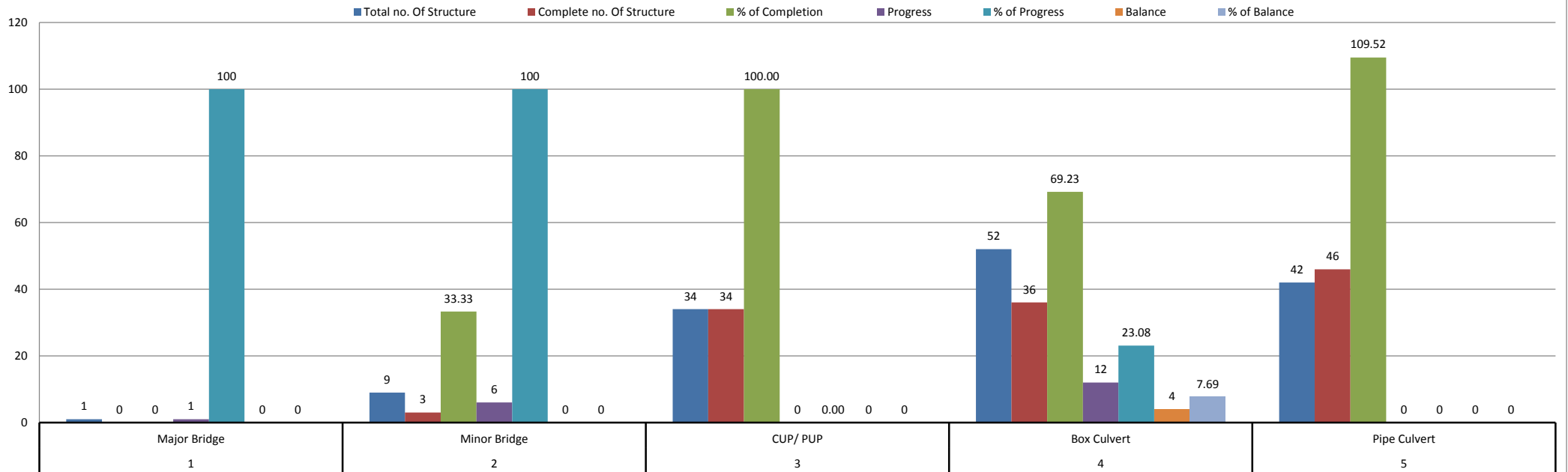
STRUCTURE BAR CHART

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

Status as on 30.04.2021

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	42	46	109.52	0	0	0	0

Chart Title

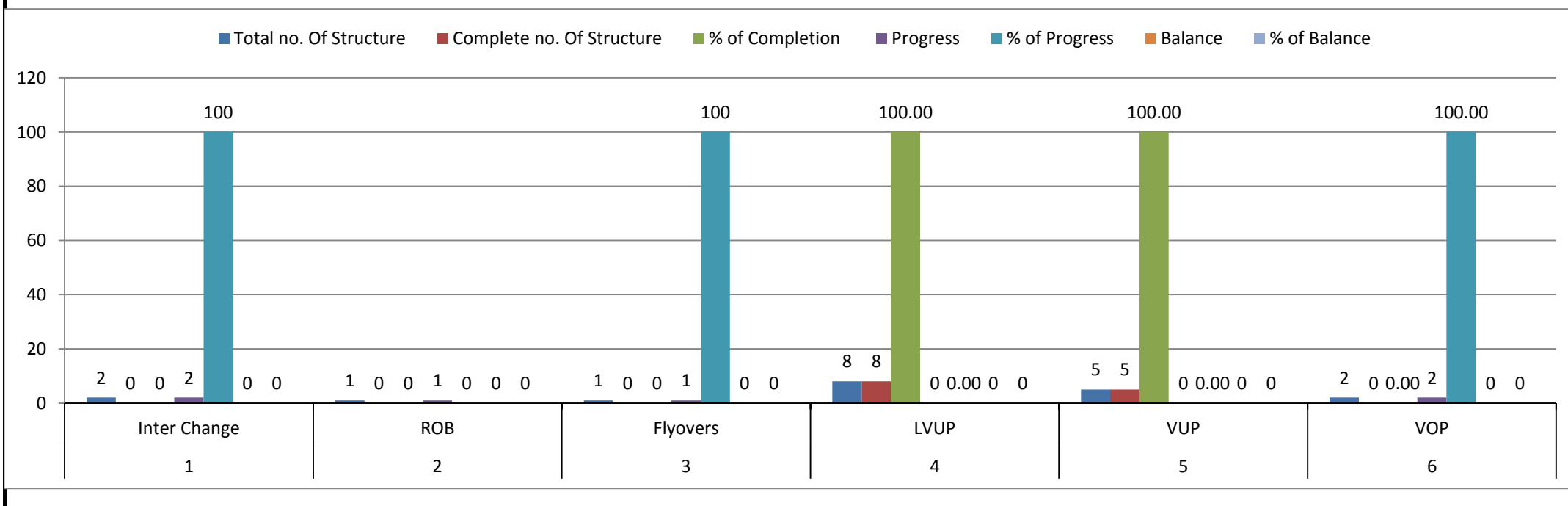


STRUCTURE BAR CHART

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

Status as on 30.04.2021

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



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V. Status of Land Acquisition

- Total land for which compensation was paid by NHAI/CALA as on 30.04.2021 is **97 %** i.e. **31.025 Km.** out of total 32km.
- As on date, Hindered Length Due to various utilities / Land / Other hindrances falling in the Total length of 32 km is **0.585 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	380	Annexure 4A
Total Hindered length due to water pipeline etc.	0	Annexure 4C
Total Hindered Area due to Disputed Land in Main Carriageway	50	Annexure 4E
Permanent Structures	160	Annexure 4D
Grand Total	590	

Total hindrances/ Encumbrances in amenities and loop/Ramp area	900 Meter
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- Net unencumbered/Unhindered length of road as on 31.03.2021 is = $32.000 - 0.590 = 31.410$ km. i.e. 98.15 %.
- Action taken by M/s. PIL: We are consistently corresponding, attending meetings with Concessionaire and related Authorities for shifting of utilities and Land acquisition Issues.

VI. UTILITY SHIFTING

Status of Utilities in Package-II of Vadodara Kim Expressway

Date:30.04.2021

S r.	Description	MGVCL	GETCO	PGCIL	TORRENT	GWSSB	ONGC	GAIL	GSPL
1	Estimate Submitted to PIU-Dated	31.07.2019 & 08.12.2020	30.01.2020	30.08.2019	24.08.2019	04.04.2019	23.07.2020		
2	Approval by RO-Dated	22.11.2019, 17.12.2019 & 2 Estimate approval awaited	28.02.2020						
3	Supervision Charge paid-Dated	Padra 1- 19.03.2020 Padra 2- 27.03.2020 Karjan- 18.03.2020	13.03.2020 13.03.2020			08.01.2020			
4	Work Started on	05.10.2020	20.10.2020						
5	Work Completed on	Padra 1 100% Padra 2 Complete Karjan 100%	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress
6	Total length effected(m)	1965	145	50	150	40	100	60	-
7	Total length cleared(m)	1930	-	-	-	-	-	-	-
8	Balance length to be clear(m)	35	145	50	150	40	100	60	-

VII. STATUS OF DESIGN & DRAWING

Sr. No	Type of Structure	Total scope (Nos)	Nos. of structures Submitted to IE	Nos. of structures Approved by IE	Nos. of structures Balance to be reviewed by IE	Chainage	Submitted to IE/IRCON	Comments from IE/IRCON on	Present Status
1	Inter change	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

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2	Major Bridge	1	1	1	0	336+830	<p>(1) PIL/HO/VKP2/IRCON/201/2020 dt.04.04.2020</p> <p>(2) PIL/HO/VKP2/IRCON/756/2020 , dt 28.12.2020</p> <p>(3) PIL/HO/VKP2/IRCON/014/2021 , dt 06.01.2021</p> <p>(4) PIL/HO/VKP2/IRCON/016/2021 , dt 08.01.2021</p> <p>(5) PIL/HO/VKP2/IRCON/040/2021 , dt 19.01.2021</p> <p>(6) PIL/HO/VKP2/IRCON/071/2021 , dt 30.01.2021</p> <p>(7) PIL/HO/VKP2/IRCON/094/2021 , dt 09.02.2021</p>	<p>(1) IRCON/3019/VKE/PATEL/1565 dt. 24.04.2020</p> <p>(2) IRCON/ 3019/VKE/ PATEL / 1003/ 2548, dt 08.01.2021 (Against PIL Letter no 756 & 681)</p> <p>(3) Approval not received FOR PIL Letter no 014</p> <p>(4) IRCON/ 3019/VKE/ PATEL / 1003/ 2571, dt 12.01.2021 (Against PIL Letter no 016)</p> <p>(5) IRCON/ 3019/VKE/ PATEL / 1003/ 2675, dt 02.02.2021 (Against PIL Letter no 040)</p>	<p>(1) Approved vide letter no. 1565</p>
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Construction of Eight lane Vadodara Kim Expressway from Km 323.00 to Km 355.00
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3	VOP	1	1	1	0	326+957	PIL/HO/VKP2/IRCON/ 604/2019 Dt. 28.08.2019 PIL/HO/VKP2/IRCON/ 031/2020 Dt. 17.01.2020 PIL/VK2/IRCON/895/ 2021 Dt. 23.02.2021 PIL/HO/VK2/IRCON/2 18/2021, Dt. 25.03.2021 (Replied of IRCON Letter no 2908)	IRCON/3019/VKE/PAT EL/2076 dt. 19.09.2020 IRCON/3019/VKE/PAT EL/1003/2908 dt. 17.03.2021	Found in order vide letter No 2076 (IRCON Letter NO 2908 _ To be view Letter for status)
	VOP	1	1	1	0	349+441	PIL/HO/VKP2/IRCON/ 342/2020 dt. 23.06.2020	IRCON/3019/VKE/PAT EL/1863 dt. 30.07.2020	Approved vide letter no. 1616
4	Minor Bridge	9	9	6	3	324+193	PIL/HO/VKP2/IRCON/ 765/2019 Dt. 17.12.2019	IRCON/3019/VKE/PAT EL/1400 dt. 29.02.2020	Approved by IRCON letter no. 1400 Found in Order Vide IRCON Office Letter No 2120, dt 28.09.2020
						329+062	PIL/HO/VKP2/IRCON/ 204/2019 dt. 09.04.2020	-	Approved by IE (A2 size Hard Copy submitted vide PIL/ VK2/ IRCON/ 667 / 2020, dt 29.09.2020)
						330+640	PIL/HO/VKE2/IRCON/ 249/2020 Dt. 12.05.2020 PIL/HO/VKE2/IRCON/ 316/2020 Dt. 12.06.2020	-	Under review With IE
						337+874	PIL/HO/VKP2/IRCON/ 205/2019 dt.	-	Approved by IE (A2 size Hard Copy submitted)

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

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

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

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

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

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

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	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
						(1) PIL/ Ho/ VKP2/ IRCON/ 629/ 2020 , dt 04.11.2020 (2) Complied of IRCON Letter No. 2407, vide PIL/ HO/ VKP2/ IRCON/ 713/ 2020, dt 07.12.2020	(1) IRCON/ 3019/ VKE/ PATEL /1003/ 2407, dt. 02.12.2020 (2) IRCON/ 3019/ VKE/ PATEL /1003/ 2473, dt.22.12.2020	Approved vide IRCON Letter 2473, dt 22.12.2020 IRCON / IE Have reviewed the submission of M/s PIL of design & drawings of precast box culverts were structurally found in order
	Box Culvert				0+684 at Ramp-2 of IC 353+666.	PIL/VK2/IRCON/ 669/ 2020 , dt 30.09.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2244 , dt 27.10.2020	Approved Vide Letter No 2244
	Box Culvert				0+384 at Loop-3 of IC 353+666	(1) PIL/VK2/IRCON/ 669/ 2020 , dt 30.09.2020 (2) PIL/HO/VKP2/IRCON/ 088/2021, dt 05.02.2021	(1) IRCON/ 3019/ VKE/ PATEL /1003/ 2244 , dt 27.10.2020 (2) IRCON/ 3019/ VKE/ PATEL / 1003/ 3087, dt. 23.04.2021	(1) Approved Vide Letter No 2244 (2) Observation 3087
	Box Culvert				0+820 at Ramp 2 of IC 353+666	PIL/HO/VKP2/IRCON/ 088/2021, dt 05.02.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3087, dt. 23.04.2021	(2) Observation 3087
	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

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						0+560 & 0+640 at Interchange 353+666 (Loop 3 & Ramp 3)	(1) PIL/HO/VKP2/IRCON/648/2020, dt 10.11.2020 (2) Complied of IRCON Letter No 2385, Vide PIL/ HO/ VKP2/ IRCON/ 713/ 2020, dt 07.12.2020 (2) PIL/HO/VKP2/IRCON/091/2021, dt. 06.02.2021	(1) IRCON/ 3019/ VKE/ PATEL /1003/ 2385 , dt 26.11.2020 (2) IRCON/ 3019/ VKE/ PATEL /1003/ 2473, dt.22.12.2020 (3) IRCON/ 3019/ VKE/ PATEL /1003/ 3090, dt. 23.04.2021	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 (2) Observation Received Vide IRCON Letter No 3090
						0+186 at Interchange (Ramp 2) 353+666	(1) PIL/ HO/ VKP2/ IRCON/ 649/ 2020, dt 10.11.2020 (2) Complied of IRCON Letter No. 2384 vide PIL/ HO/ VKP2/ IRCON/ 713/ 2020, dt 07.12.2020 (3) PIL/HO/VKP2/IRCON/091/2021, dt. 06.02.2021	(1) IRCON/ 3019/ VKE/ PATEL /1003/ 2384 , dt 26.11.2020 (2) IRCON/ 3019/ VKE/ PATEL /1003/ 2473, dt.22.12.2020 (3) IRCON/ 3019/ VKE/ PATEL /1003/ 3090, dt. 23.04.2021	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 (2) Observation Received Vide IRCON Letter No 3090
						0+582 at Interchange (Ramp 1) 353+666	(1) PIL/ HO/ VKP2/ IRCON/ 770/ 2020, dt 31.12.2020 (2) PIL/HO/VKP2/IRCON/091/2021, dt. 06.02.2021	(1) IRCON/ 3019/ VKE/ PATEL / 1003/ 2570, dt 12.01.2021 (2) IRCON/ 3019/ VKE/ PATEL /1003/ 3090, dt. 23.04.2021	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

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									verified before execution of work (2) Observation Received Vide IRCON Letter No 3090
	Precast Box Culvert					344+342 Utility Location	PIL/HO/VKP2/IRCON/ 747/2020, dt. 22.12.2020	IRCON/ 3019/ VKE/ PATEL / 1003/ 2529, dt 04.01.2021	IRCON/ IE have reviewed the submission of M/s PIL design & Drawings of precast box culvert and Structurally it is found in order, However, the levels, location & span as per Contract Agreement shall be validated at site, verified at site before execution.
	Precast Box Culvert					0+345 at Interchan ge (Ramp 4) 353+666	(1) PIL/HO/VKP2/IRCON/ 767/2020, dt. 30.12.2020 (2) PIL/HO/VKP2/IRCON/ 091/2021, dt. 06.02.2021	(1) IRCON/ 3019/ VKE/ PATEL / 1003/ 2572, dt 12.01.2021 (3) IRCON/ 3019/ VKE/ PATEL /1003/ 3090, dt. 23.04.2021	Found in Order vide IRCON Letter 2572, 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 (2) Observation Received Vide IRCON Letter No 3090
	widen Box Culvert					0+830 of VOP 349+441	PIL/ VK2/ IRCON/ 951 / 2021, dt. 26.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3097, dt. 26.04.2021	Observations

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	Precast Box Culvert					344+440 Connecting Road	PIL/HO/VKP2/IRCON/075/2021, dt. 30.01.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2779, dt. 10.03.2021	IRCON/ IE have reviewed the submission of M/s PIL Design and Drawing of Precast Box Culvert at Ch. KM. 344+340 (Connecting Road) and it is structurally found in Order.
	Box Culvert					343+883 GWSSB crossing	PIL/ VK2/ IRCON/ 921 / 2021, dt. 10.03.2021	(1) IRCON/ 3019/ VKE/ PATEL / 1003/ 3003, dt 06.04.2021 (2) IRCON/ 3019/ VKE/ PATEL / 1003/ 3078, dt 20.04.2021	IRCON Letter No 3078, dt. 20.04.2021 Design and Drawing report of Box Culvert at ch 343+883 has been found OK
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	157	139	18				

VIII. Weather report for the month of April 2021

MONTHLY WEATHER REPORT FOR THE MONTH OF April 2021

S. No.	DATE	TEMPRATURE (°C)		HUMIDITY (%)		RAIN FALL (mm)	CUMM. RAIN FALL (mm)	WEATHER	REMARKS
		Min.	Max.	Min.	Max.				
1	01-Apr-21	28.70	36.40	31.00	68.00	-	-	Sunny	
2	02-Apr-21	27.50	36.60	48.00	72.00	-	-	Sunny	
3	03-Apr-21	27.20	37.60	38.00	72.00	-	-	Sunny	
4	04-Apr-21	26.40	37.90	42.00	76.00	-	-	Sunny	
5	05-Apr-21	26.10	38.20	10.00	42.00	-	-	Sunny	
6	06-Apr-21	26.40	38.80	15.00	54.00	-	-	Sunny	
7	07-Apr-21	26.00	38.20	12.00	32.00	-	-	Sunny	
8	08-Apr-21	28.20	38.40	10.00	28.00	-	-	Sunny	
9	09-Apr-21	28.60	38.20	14.00	29.00	-	-	Sunny	
10	10-Apr-21	27.90	38.30	12.00	42.00	-	-	Sunny	
11	11-Apr-21	28.10	38.20	15.00	48.00	-	-	Sunny	
12	12-Apr-21	27.80	37.60	10.00	32.00	-	-	Sunny	
13	13-Apr-21	27.40	37.40	22.00	54.00	-	-	Sunny	
14	14-Apr-21	28.20	38.10	15.00	34.00	-	-	Sunny	
15	15-Apr-21	28.80	38.40	10.00	28.00	-	-	Sunny	
16	16-Apr-21	27.60	37.20	18.00	38.00	-	-	Sunny	
17	17-Apr-21	26.50	36.90	16.00	42.00	-	-	Sunny	
18	18-Apr-21	26.60	37.40	14.00	48.00	-	-	Sunny	
19	19-Apr-21	26.40	37.20	10.00	52.00	-	-	Sunny	
20	20-Apr-21	26.80	37.40	20.00	58.00	-	-	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-Apr-21	27.50	36.30	18.00	52.00	-	-	Sunny	
22	22-Apr-21	27.30	36.80	10.00	34.00	-	-	Sunny	
23	23-Apr-21	28.40	36.30	22.00	68.00	-	-	Sunny	
24	24-Apr-21	27.80	36.50	24.00	69.00	-	-	Sunny	
25	25-Apr-21	26.60	37.40	10.00	45.00	-	-	Sunny	
26	26-Apr-21	26.80	38.10	12.00	48.00	-	-	Sunny	
27	27-Apr-21	27.00	38.30	10.00	42.00	-	-	Sunny	
28	28-Apr-21	27.20	38.20	15.00	45.00	-	-	Sunny	
29	29-Apr-21	27.40	38.60	10.00	39.00	-	-	Sunny	
30	30-Apr-21	28.10	38.20	21.00	58.00	-	-	Sunny	
Cumulative Rainfall Till Date									
								mm	

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

IX. Status of RFI

MONTH: - April - 2021.

Sr.No.	Total RFI	Approved RFI	RFI Re-submitted after corrections suggested	Remarks
<u>Highway</u>				
1	1100	966	134	
<u>Structure</u>				
2	580	535	45	
<u>Laboratory (QA/QC)</u>				
3	58	41	17	
<u>Survey</u>				
4	2	2	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(Rs) including Lead (year 2015-2016)	Amount(Rs)	Physical Progress Quantity Km/No	Rate in Rs.	Weightage in percentage to the Contract Price	Qty in Nos/km/m	Qty in cum/sqm/m	Amount (Rs.)	Physical Progress%	Physical Progress (Progressive) %
1	2	3	4	5	8 = 6+7	9 = 4x8	10	11 = 9/10	12	14a (Actual Qty. to be input here)	14 (=14a*4/10)	15	16	17
1	Earth Work upto Top of Subgrade													
1.1	Clearing and grubbing of -MCW	Hec	224.46	2.3 (ii) A	22,950.00	51,51,409.92	30.52	1,68,789	0.045%	30.40	223.58	5131195.21	0.05%	19.64%
1.2	Carrying out Jungle Cutting/ removal of debris / dismantling of Concrete Structure / Dismantling of existing road / Removal of any Physical item	M2	-	Lunsum										
1.3	Earth work in excavation necessary	Cu.m.	95,697.59	3.6	30.00	28,70,927.64	30.52	94,068	0.025%	30.20	94,694.94	2840848.23	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%	30.10	27,61,959.79	616193229.30	5.44%	
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%	30.10	23,01,559.73	513477975.73	4.53%	
1.6	Construction of embankment - MCW Height 2 mtr to 3 Mtr	Cu.m.	18,66,835.77	RA	223.10	41,64,91,060.79	30.52	1,36,46,602	3.678%	30.00	18,35,042.86	409398061.96	3.62%	
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%	29.60	13,58,256.66	303027060.36	2.68%	
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%	28.60	8,74,913.07	195193106.45	1.72%	
1.9	Construction of Sub grade - MCW	Cu.m.	8,51,218.89	RA	245.10	20,86,33,750.64	30.52	68,36,021	1.842%	26.20	7,30,737.49	179103758.66	1.58%	
1	Total EarthWork upto Top of Subgrade					2,29,93,10,717.85								
2	Grannular Sub Base Courses and Base Courses													
2.1	Constructing Grannular Sub-base	Cu.m.	2,76,822.05	4.1-A-(i)	1,332.00	36,87,26,967.47	30.52	1,20,81,580	3.256%	25.90	2,34,919.62	312912929.81	2.76%	2.76%
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%	14.11	43,584.09	6232524.91	0.06%	0.39%
3.2	Construction of modified Earthen / un paved shoulders	Cu.m.	44,517.27	3.16	143.00	63,65,969.99	30.52	2,08,585	0.056%	17.23	25,132.33	3593922.50	0.03%	
3.3	Providing min 200 mm dia NP4 pipes along the road in 2 Rows in shoulder	LM	60,788.77		1,000.00	6,07,88,772.23	30.52	19,91,784	0.537%	17.23	34,318.44	34318436.40	0.30%	
3	Total Shoulders					8,06,35,619.84								
4	Rigid Pavement													
4.01	Providing xxx mm thick DLC (M15) for CW	Cum	2,11,885.21	6.1	2,347.00	49,72,94,596.62	30.52	1,62,94,183	4.391%	25.30	1,75,646.71	412242824.24	3.64%	3.64%
4.02	Providing xxx mm thick PQC for CW	Cum	3,79,880.04	6.2	6,413.00	2,43,61,70,669.22	30.52	7,98,22,726	21.512%	20.97	2,61,013.96	1673882557.14	14.78%	14.78%
4	Total Rigid Pavement					2,93,34,65,265.84								
5	Pipe Culverts													
5.01	Culvert Excavation	Cum	9,197.48	12.1 -(I) A	97.00	8,92,155.55	42.00	21,242	0.008%	42.00	9,197.48	892155.55	0.01%	0.37%
5.02	Culvert PCC M15 grade	Cum	305.94	12.8 D (ii)	4,539.00	13,88,655.22	42.00	33,063	0.012%	42.00	305.94	1388655.22	0.01%	
5.03	Providing , laying and jointing NP4 (as per IS:458) Hume pipes for culverts, - Dia 1200 mm (Internal)	LM	6,861.30	9.2 B	6,149.00	4,21,90,154.03	42.00	10,04,527	0.373%	42.00	6,861.30	42190154.03	0.37%	
5.04	Finishing Work (10% cost of overall work)			10 % progress shall be deducted for Mi		1,05,883.25	42.00			-22.00		-2329431.49	-0.02%	
5a	Total Pipe Culverts					4,44,70,964.80								
5a	Box Culverts													
5.01a	Culvert Excavation	Cum	51,243.10	12.1 -(I) A	97.00	49,70,580.90	52.00	95,588	0.044%	36.00	35,475.99	3441171.39	0.03%	2.54%
5.02a	Culvert PCC M15 grade	Cum	9,756.04	12.8 D (ii)	4,539.00	4,42,82,671.94	52.00	8,51,590	0.391%	36.00	6,754.18	30657234.42	0.27%	
5.03a	Foundation RCC M 30 - Culvert	Cum	14,149.18	12.8.G. case II	4,508.00	6,37,84,522.81	52.00	12,26,625	0.563%	36.00	9,795.59	44158515.79	0.39%	
5.04a	HYSD bar in Foundation-Culvert	MT	1,311.40	12.40	53,493.00	7,01,50,492.80	52.00	13,49,048	0.619%	36.00	907.89	48565725.78	0.43%	
5.05a	Substructre RCC M 30 - Culvert	Cum	14,966.54	13.5.G(q). case II	4,904.00	7,33,95,889.26	52.00	14,11,459	0.648%	36.00	10,361.45	50812538.72	0.45%	
5.06a	HYSD bar in Substructure-Culvert	MT	1,437.63	13.6	53,658.00	7,71,40,577.49	52.00	14,83,473	0.681%	36.00	995.29	53405015.18	0.47%	
5.07a	Super Structure RCC M 30 - Culvert	Cum	7,425.09	14.1.C. case II (r)	5,514.00	4,09,41,924.62	52.00	7,87,345	0.362%	36.00	5,140.44	28344409.35	0.25%	
5.08a	HYSD bar in Super Structure-Culvert	MT	756.39	14.2	54,788.00	4,14,41,216.38	52.00	7,96,946	0.366%	36.00	523.66	28690072.88	0.25%	
5.09a	Finishing Work (10% cost of overall work)	Nos.		10 % progress shall be deducted for Mi		1,58,429.12	52.00			-0.25		-39607.28	0.00%	
5b	Total Box Culverts					41,61,07,876.20								
6A	Bill No: 6A Minor Bridges													
6A,01	Structure excavation Ordinary and soft Soils - MNBR	Cum	1,10,369.76	12.1 -(I) A	97.00	1,07,05,866.55	30.00	3,56,862	0.095%	30.00	1,10,369.76	10705866.55	0.09%	
6A,02	MNBR - PCC M15 grade	Cum	3,637.27	12.8 D (ii)	4,539.00	1,65,09,567.59	30.00	5,50,319	0.146%	30.00	3,637.27	16509567.59	0.15%	

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

Item No.	Description	Unit	Quantity	SOR Item No. (year 2015-2016)	SOR Rate(Rs) including Lead (year 2015-2016)	Amount(Rs)	Physical Progress Quantity Km/No	Rate in Rs.	Weightage in percentage to the Contract Price	Qty in Nos/km/m	Qty in cum/sqm/m	Amount (Rs.)	Physical Progress%	Physical Progress (Progressive) %
1	2	3	4	5	8 = 6+7	9 = 4x8	10	11 = 9/10	12	14a (Actual Qty. to be input here)	14 (=14a*4/10)	15	16	17
6A,03	MNBR - RCC M35 - Foundation	Cum	22,118.80	12.8.H Case II	4,588.00	10,14,81,050.97	30.00	33,82,702	0.896%	30.00	22,118.80	101481050.97	0.90%	3.52%
6A,04	HYSD bar reinforcement - Foundation	Mt	3,509.50	12.40	53,493.00	18,77,33,703.14	343.00	5,47,329	1.658%	343.00	3,509.50	187733703.14	1.66%	
6A,05	MNBR - RCC M35 Pile Cap	Cum	4,171.46	12.38.D.(ii)	4,668.00	1,94,72,378.78	20.00	9,73,619	0.172%	20.00	4,171.46	19472378.78	0.17%	
6A,06	MNBR - RCC M35 1.2m dia piles	Rm	6,238.90	12.25	10,003.60	6,24,11,470.46	313.00	1,99,398	0.551%	313.00	6,238.90	62411470.46	0.55%	
6A,07	MNBR - RCC M35- Substructure Abutment	Cum	11,845.22	13.5.H.(p). case II	5,153.00	6,10,38,418.11	36.00	16,95,512	0.539%	36.00	11,845.22	61038418.11	0.54%	1.45%
6A,08	HYSD bar reinforcement - substructure Abutment	Mt	1,293.41	13.6	53,658.00	6,94,01,555.15	36.00	19,27,821	0.613%	36.00	1,293.41	69401555.15	0.61%	
6A,09	MNBR - RCC M35 - Abutment Cap	Cum	2,858.36	13.5.H.(p). case II	5,153.00	1,47,29,107.03	24.00	6,13,713	0.130%	24.00	2,858.36	14729107.03	0.13%	
6A,10	HYSD bar reinforcement - Abutment cap	Mt	358.25	13.6	53,658.00	1,92,22,732.90	24.00	8,00,947	0.170%	24.00	358.25	19222732.90	0.17%	
6A,11	RCC M35 - RCC Girder	Cum	76.46	14.01 D Case-1(ii)r	6,530.00	4,99,291.76	64.00	7,801	0.004%	64.00	76.46	499291.76	0.00%	
6A,12	PSC M45 - PSC Girder	Cum	1,729.60	14.01 F Case-1(ii)r	6,423.00	1,11,09,241.74	162.00	68,576	0.098%	162.00	1,729.60	11109241.74	0.10%	
6A,13	PSC M50 - PSC Girder	Cum	1,351.70	14.01 G Case-1(i)r	7,757.00	1,04,85,127.04	28.00	3,74,469	0.093%	28.00	1,351.70	10485127.04	0.09%	
6A,14	HYSD bar reinforcement - Super structure Girder	Mt	549.07	14.2	54,788.00	3,00,82,328.76	254.00	1,18,434	0.266%	254.00	549.07	30082328.76	0.27%	0.85%
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%	190.00	184.77	26712109.36	0.24%	
6A,16	RCC M35 - SLAB	Cum	3,402.52	14.01 D Case-1(ii)r	6,530.00	2,22,18,483.48	18.00	12,34,360	0.196%	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 Mi		2,77,384.31	18.00			-7.00		-1941690.19	-0.02%	
6A	Total Bill No: 6A Minor Bridges					69,15,23,125.70								
6B	Bill No. 6B : PUP													
6B,01	Structure excavation Ordinary and soft Soils - PUP	Cum	1,07,741.91	12.1 -(I) A	97.00	1,04,50,964.97	34.00	3,07,381	0.092%	34.00	1,07,741.91	10450964.97	0.09%	3.11%
6B,02	PUP - PCC M15 grade Levelling course	Cum	6,322.73	12.8 D (ii)	4,539.00	2,86,98,874.50	34.00	8,44,085	0.253%	34.00	6,322.73	28698874.50	0.25%	
6B,03	PUP - RCC M35 Raft	Cum	31,477.80	12.8.H Case II	4,588.00	14,44,20,142.64	34.00	42,47,651	1.275%	34.00	31,477.80	144420142.64	1.28%	
6B,04	HYSD bar reinforcement - RAFT	Mt	3,147.44	13.6	53,658.00	16,88,85,439.06	34.00	49,67,219	1.491%	34.00	3,147.44	168885439.06	1.49%	
6B,05	PUP RCC M35 Wall	Cum	13,104.83	13.5.H.(p). case II	5,153.00	6,75,29,211.04	68.00	9,93,077	0.596%	68.00	13,104.83	67529211.04	0.60%	1.23%
6B,06	HYSD bar reinforcement - Wall	Mt	1,309.69	13.6	53,658.00	7,02,75,315.74	68.00	10,33,461	0.621%	68.00	1,309.69	70275315.74	0.62%	
6B,07	PUP - RCC M35 - TOP Slab	Cum	11,717.68	14.01 D Case-1(ii)r	6,530.00	7,65,16,462.78	34.00	22,50,484	0.676%	34.00	11,717.68	76516462.78	0.68%	
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%	1.21%
6B,09	Finishing Work (10% cost of overall work)	Nos.	-	10 % progress shall be deducted for Mi		4,13,751.34	34.00			-8.00		-3310010.69	-0.03%	
6B	TOTAL Bill No. 6B : PUP					63,09,35,402.36								
6C	Bill No. 6C : VUP													
6C,01	Structure excavation Ordinary and soft Soils - VUP	Cum	19,708.89	12.1 -(I) A	97.00	19,11,761.88	5.00	3,82,352	0.017%	5.00	19,708.89	1911761.88	0.02%	0.55%
6C,02	VUP - PCC M15 grade - Levelling course	Cum	1,053.79	12.8 D (ii)	4,539.00	47,83,145.75	5.00	9,56,629	0.042%	5.00	1,053.79	4783145.75	0.04%	
6C,03	VUP - RCC M35 - Raft	Cum	5,577.31	12.8.H Case II	4,588.00	2,55,88,702.89	5.00	51,17,741	0.226%	5.00	5,577.31	25588702.89	0.23%	
6C,04	HYSD bar reinforcement - Raft	Mt	558.30	13.6	53,658.00	2,99,57,505.82	5.00	59,91,501	0.265%	5.00	558.30	29957505.82	0.26%	
6C,05	VUP - RCC M35 - WALL	Cum	4,117.97	13.5.H.(p). case II	5,153.00	2,12,19,899.96	10.00	21,21,990	0.187%	10.00	4,117.97	21219899.96	0.19%	0.3825%
6C,06	HYSD bar reinforcement - WALL	Mt	411.75	13.6	53,658.00	2,20,93,660.54	10.00	22,09,366	0.195%	10.00	411.75	22093660.54	0.20%	
6C,07	RCC M35 - TOP SLAB	Cum	1,490.99	14.01 D Case-1(ii)r	6,530.00	97,36,189.39	5.00	19,47,238	0.086%	5.00	1,490.99	9736189.39	0.09%	
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%	0.15%
6C,09	Finishing Work (10% cost of overall work)	Nos.	-	10 % progress shall be deducted for Mi		3,56,993.61	5.00			-2.00		-713987.22	-0.01%	
6C	TOTAL TOTAL Bill No. 6C : VUP					12,34,04,357.39								
6D	Bill No. 6D : LVUP													
6D,01	Structure excavation Ordinary and soft Soils - LVUP	Cum	23,650.66	12.1 -(I) A	97.00	22,94,114.26	8.00	2,86,764	0.020%	8.00	23,650.66	2294114.26	0.02%	0.69%
6D,02	LVUP - PCC M15 grade levelling course	Cum	1,359.73	12.8 D (ii)	4,539.00	61,71,800.97	8.00	7,71,475	0.054%	8.00	1,359.73	6171800.97	0.05%	
6D,03	LVUP - RCC M35 Raft	Cum	6,937.63	12.8.H Case II	4,588.00	3,18,29,849.93	8.00	39,78,731	0.281%	8.00	6,937.63	31829849.93	0.28%	
6D,04	HYSD bar reinforcement - Raft	Mt	695.55	13.6	53,658.00	3,73,22,059.33	8.00	46,65,257	0.330%	8.00	695.55	37322059.33	0.33%	
6D,05	LVUP - RCC M35 - Wall	Cum	4,021.08	13.5.H.(p). case II	5,153.00	2,07,20,608.19	16.00	12,95,038	0.183%	16.00	4,021.08	20720608.19	0.18%	0.37%
6D,06	HYSD bar reinforcement - WALL	Mt	402.44	13.6	53,658.00	2,15,94,368.78	16.00	13,49,648	0.191%	16.00	402.44	21594368.78	0.19%	
6D,07	LVUP - RCC M35 - Top Slab	Cum	1,815.95	14.01 D Case-1(ii)r	6,530.00	1,18,58,179.39	8.00	14,82,272	0.105%	8.00	1,815.95	11858179.39	0.10%	
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%	0.19%
6D,09	Finishing Work (10% cost of overall work)	Nos.	-	10 % progress shall be deducted for Mi		2,71,489.90	8.00			-2.00		-542979.79	0.00%	
6D	TOTAL Bill No. 6D : LVUP					14,16,51,993.18								

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

Item No.	Description	Unit	Quantity	SOR Item No. (year 2015-2016)	SOR Rate(Rs) including Lead (year 2015-2016)	Amount(Rs)	Physical Progress Quantity Km/No	Rate in Rs.	Weightage in percentage to the Contract Price	Qty in Nos/km/m	Qty in cum/sqm/m	Amount (Rs.)	Physical Progress%	Physical Progress (Progressive) %
1	2	3	4	5	8 = 6+7	9 = 4x8	10	11 = 9/10	12	14a (Actual Qty. to be input here)	14 (=14a*4/10)	15	16	17
6E	Bill No. 6E : VOP													
6E,01	Structure Excavation for foundation of VOP	Cum	2,627.85	12.1 -(I) A	97.00	2,54,901.58	6.00	42,484	0.002%	6.00	2,627.85	254901.58	0.00%	0.28%
6E,02	Foundation PCC M15 grade for levelling course	Cum	101.98	12.8 D (ii)	4,539.00	4,62,885.07	6.00	77,148	0.004%	6.00	101.98	462885.07	0.00%	
6E,03	RCC M35 - Foundation	Cum	544.13	12.8.H Case II	4,588.00	24,96,458.82	6.00	4,16,076	0.022%	6.00	544.13	2496458.82	0.02%	
6E,04	HYSD bar reinforcement - Foundation	Mt	267.52	13.6	53,658.00	1,43,54,638.21	41.00	3,50,113	0.127%	41.00	267.52	14354638.21	0.13%	
6E,05	RCC M35 Pile Cap	Cum	641.76	12.38.D.(ii)	4,668.00	29,95,750.58	6.00	4,99,292	0.026%	6.00	641.76	2995750.58	0.03%	
6E,06	RCC M35 1.2m dia piles	Rm	1,135.48	12.25	10,003.60	1,13,58,887.62	35.00	3,24,540	0.100%	35.00	1,135.48	11358887.62	0.10%	
6E,07	RCC M35 - ABUTMENT/Return Wall	Cum	145.34	13.5.H.(p). case II	5,153.00	7,48,937.65	4.00	1,87,234	0.007%	4.00	145.34	748937.65	0.01%	0.05%
6E,08	HYSD bar reinforcement - ABUTMENT/Return Wall	Mt	18.61	13.6	53,658.00	9,98,583.53	4.00	2,49,646	0.009%	4.00	18.61	998583.53	0.01%	
6E,09	RCC M35 - ABUTMENT CAP	Cum	121.12	13.5.H.(p). case II	5,153.00	6,24,114.70	4.00	1,56,029	0.006%	4.00	121.12	624114.70	0.01%	
6E,10	HYSD bar reinforcement - ABUTMENT CAP	Mt	18.61	13.6	53,658.00	9,98,583.53	4.00	2,49,646	0.009%	4.00	18.61	998583.53	0.01%	
6E,11	RCC M35 - PIER	Cum	72.67	13.5.H.(p). case II	5,153.00	3,74,468.82	2.00	1,87,234	0.003%	2.00	72.67	374468.82	0.00%	
6E,12	HYSD bar reinforcement - PIER	Mt	9.31	13.6	53,658.00	4,99,291.76	2.00	2,49,646	0.004%	2.00	9.31	499291.76	0.00%	
6E,13	RCC M35 - PIER CAP	Cum	121.12	13.5.H.(p). case II	5,153.00	6,24,114.70	2.00	3,12,057	0.006%	2.00	121.12	624114.70	0.01%	0.09%
6E,14	HYSD bar reinforcement -PIER CAP	Mt	18.61	13.6	53,658.00	9,98,583.53	2.00	4,99,292	0.009%	2.00	18.61	998583.53	0.01%	
6E,15	HYSD bar reinforcement - Super structure Girder	Mt	159.48	14.2	54,788.00	87,37,605.86	16.00	5,46,100	0.077%	12.00	119.61	6553204.40	0.06%	
6E,16	HT Steel for PSC - Girder	Mt	56.12	14.3	1,44,570.00	81,13,491.16	16.00	5,07,093	0.072%	8.00	28.06	4056745.58	0.04%	
6E,17	PSC M50 / Steel Girder & Slab	Cum	933.32	14.01 G Case-1(i)r	7,757.00	72,39,730.57	16.00	4,52,483	0.064%	0.00	-	0.00	0.00%	
6E,18	Finishing Work (10% cost of overall work)	Nos	-	10 % progress shall be deducted for Mi		3,83,830.54	4.00			0.00		0.00	0.00%	
6E	Total Bill No. 6E : VOP					6,18,81,027.69								
6F	Bill No: 6F Flyover													
6F,01	Structure excavation Ordinary and soft Soils - Flyover	Cum	2,627.85	12.1 -(I) A	97.00	2,54,901.58	8.00	31,863	0.002%	8.00	2,627.85	254901.58	0.00%	0.63%
6F,02	Flyover - PCC M15 grade - levelling course under fdn.	Cum	101.98	12.8 D (ii)	4,539.00	4,62,885.07	8.00	57,861	0.004%	8.00	101.98	462885.07	0.00%	
6F,03	HYSD bar reinforcement - Foundation	Mt	602.50	13.6	53,658.00	3,23,29,141.70	100.00	3,23,291	0.285%	100.00	602.50	32329141.70	0.29%	
6F,04	RCC M35 Pile Cap	Cum	1,925.29	12.38.D.(ii)	4,668.00	89,87,251.75	8.00	11,23,406	0.079%	8.00	1,925.29	8987251.75	0.08%	
6F,05	RCC M35 1.2m dia piles	Rm	2,907.33	12.25	10,003.60	2,90,83,745.23	92.00	3,16,128	0.257%	92.00	2,907.33	29083745.23	0.26%	
6F,06	RCC M35 - ABUTMENT	Cum	436.02	13.5.H.(p). case II	5,153.00	22,46,812.94	4.00	5,61,703	0.020%	4.00	436.02	2246812.94	0.02%	0.19%
6F,07	HYSD bar reinforcement - ABUTMENT	Mt	51.18	13.6	53,658.00	27,46,104.70	4.00	6,86,526	0.024%	4.00	51.18	2746104.70	0.02%	
6F,08	RCC M35 - ABUTMENT CAP	Cum	363.35	13.5.H.(p). case II	5,153.00	18,72,344.11	4.00	4,68,086	0.017%	4.00	363.35	1872344.11	0.02%	
6F,09	HYSD bar reinforcement - Abutment cap	Mt	60.48	13.6	53,658.00	32,45,396.46	4.00	8,11,349	0.029%	4.00	60.48	3245396.46	0.03%	
6F,10	RCC M35 - Pier Substructure	Cum	387.57	13.5.H.(p). case II	5,153.00	19,97,167.05	4.00	4,99,292	0.018%	4.00	387.57	1997167.05	0.02%	
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	5,153.00	23,71,635.88	4.00	5,92,909	0.021%	4.00	460.24	2371635.88	0.02%	0.19%
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	6,530.00	27,46,104.70	28.00	98,075	0.024%	28.00	420.54	2746104.70	0.02%	
6F,15	PSC M45/M50 - Girder	Cum	514.93	14.01 G Case-1(i)r	7,757.00	39,94,334.11	14.00	2,85,310	0.035%	14.00	514.93	3994334.11	0.04%	
6F,16	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%	14.00	31.08	4493625.87	0.04%	
6F,18	RCC M35 - SLAB	Cum	821.96	14.01 D Case-1(ii)r	6,530.00	53,67,386.46	6.00	8,94,564	0.047%	0.00	-	0.00	0.00%	
6F,19	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 Mi		2,08,038.23	6.00			0.00		0.00	0.00%	
6F	Total Bill No: 6F Flyover					12,65,39,311.08								
6G	Bill No: 6G Major Bridges													
6G,01	Structure excavation Ordinary and soft Soils - MJB	Cum	7,883.55	12.1 -(I) A	97.00	7,64,704.75	14.00	54,622	0.007%	14.00	7,883.55	764704.75	0.01%	1.68%
6G,02	Major Bridge PCC M15 grade - Levelling course	Cum	305.94	12.8 D (ii)	4,539.00	13,88,655.22	14.00	99,190	0.012%	14.00	305.94	1388655.22	0.01%	
6G,03	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)	4,668.00	1,73,50,388.79	14.00	12,39,313	0.153%	14.00	3,716.88	17350388.79	0.15%	

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

Item No.	Description	Unit	Quantity	SOR Item No. (year 2015-2016)	SOR Rate(Rs) including Lead (year 2015-2016)	Amount(Rs)	Physical Progress Quantity Km/No	Rate in Rs.	Weightage in percentage to the Contract Price	Qty in Nos/km/m	Qty in cum/sqm/m	Amount (Rs.)	Physical Progress%	Physical Progress (Progressive) %	
1	2	3	4	5	8 = 6+7	9 = 4x8	10	11 = 9/10	12	14a (Actual Qty. to be input here)	14 (=14a*4/10)	15	16	17	
6G,05	RCC M35 1.2m dia piles	Rm	7,736.24	12.25	10,003.60	7,73,90,223.37	228.00	3,39,431	0.683%	228.00	7,736.24	77390223.37	0.68%		
6G,06	RCC M35 - Abutment substructure	Cum	1,114.27	13.5.H.(p). case II	5,153.00	57,41,855.28	4.00	14,35,464	0.051%	4.00	1,114.27	5741855.28	0.05%	0.50%	
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%	4.00	141.90	7614199.40	0.07%		
6G,08	RCC M35 - ABUTMENT CAP	Cum	193.79	13.5.H.(p). case II	5,153.00	9,98,583.53	4.00	2,49,646	0.009%	2.00	96.89	499291.76	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%	2.00	13.96	748937.65	0.01%		
6G,10	RCC M35 - Pier Substructure	Cum	2,204.33	13.5.H.(p). case II	5,153.00	1,13,58,887.62	10.00	11,35,889	0.100%	10.00	2,204.33	11358887.62	0.10%		
6G,11	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%	10.00	330.33	17724857.61	0.16%		
6G,12	RCC M35 - Pier CAP	Cum	1,453.40	13.5.H.(p). case II	5,153.00	74,89,376.46	10.00	7,48,938	0.066%	7.00	1,017.38	5242563.52	0.05%		
6G,13	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%	7.00	153.07	8213349.51	0.07%		
6G,14	PSC M45/M50 - Girder	Cum	3,121.78	14.01 G Case-1(i)r	7,757.00	2,42,15,650.54	84.00	2,88,282	0.214%	83.00	3,084.62	23927368.98	0.21%		0.56%
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%	83.00	463.74	25407412.43	0.22%		
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%	44.00	98.14	14188207.62	0.13%		
6G,17	RCC M35 - SLAB	Cum	2,580.57	14.01 D Case-1(ii)r	6,530.00	1,68,51,097.02	12.00	14,04,258	0.149%	0.00	-	0.00	0.00%		
6G,18	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 Mi		3,22,459.26	12.00			0.00		0.00	0.00%		
6G	Total Bill No: 6G Major Bridges					37,17,54,088.04									
6H	Bill No. 6H : ROB														
6H,01	Structural Excavation in ROB foundation	Cum	5,255.70	12.1 -(I) A	97.00	5,09,803.17	6.00	84,967	0.005%	6.00	5,255.70	509803.17	0.00%	0.85%	
6H,02	ROB - Foundation PCC M15 grade Levelling course	Cum	237.95	12.8 D (ii)	4,539.00	10,80,065.17	6.00	1,80,011	0.010%	6.00	237.95	1080065.17	0.01%		
6H,03	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)	4,668.00	1,26,07,117.03	6.00	21,01,186	0.111%	6.00	2,700.75	12607117.03	0.11%		
6H,05	RCC M35 1.2m dia piles	Rm	3,855.64	12.25	10,003.60	3,85,70,288.74	80.00	4,82,129	0.341%	80.00	3,855.64	38570288.74	0.34%		
6H,06	RCC M35 - ABUTMENT/Return Wall	Cum	2,058.99	13.5.H.(p). case II	5,153.00	1,06,09,949.98	4.00	26,52,487	0.094%	4.00	2,058.99	10609949.98	0.09%	0.30%	
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	5,153.00	19,97,167.05	4.00	4,99,292	0.018%	2.00	193.79	998583.53	0.01%		
6H,09	HYSD bar reinforcement - ABUTMENT CAP	Mt	65.14	13.6	53,658.00	34,95,042.35	4.00	8,73,761	0.031%	2.00	32.57	1747521.17	0.02%		
6H,10	RCC M35 - PIER	Cum	218.01	13.5.H.(p). case II	5,153.00	11,23,406.47	2.00	5,61,703	0.010%	2.00	218.01	1123406.47	0.01%		
6H,11	HYSD bar reinforcement - PIER	Mt	32.57	13.6	53,658.00	17,47,521.17	2.00	8,73,761	0.015%	2.00	32.57	1747521.17	0.02%		
6H,12	RCC M35 - PIER CAP	Cum	266.46	13.5.H.(p). case II	5,153.00	13,73,052.35	2.00	6,86,526	0.012%	1.00	133.23	686526.18	0.01%		
6H,13	HYSD bar reinforcement - Pier CAP	Mt	46.53	13.6	53,658.00	24,96,458.82	2.00	12,48,229	0.022%	1.00	23.26	1248229.41	0.01%		
6H,14	RCC M35 - SLAB	Cum	740.22	14.01 G Case-1(i)r	7,757.00	57,41,855.28	4.00	14,35,464	0.051%	0.00	-	0.00	0.00%		0.59%
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%	20.00	771.93	66579078.52	0.59%		
6H,17	Finishing Work (10% cost of overall work)	Nos.	-	10 % progress shall be deducted for Mi		12,08,469.47	4.00			0.00		0.00	0.00%		
6H	Total Bill No. 6H : ROB					28,06,66,043.30									
6I	Bill No. 6I : Interchange														
6I,01	Structure Excavation for foundation of Interchange	Cum	31,534.22	12.1 -(I) A	97.00	30,58,819.02	24.00	1,27,451	0.027%	24.00	31,534.22	3058819.02	0.03%	5.24%	
6I,02	Foundation PCC M15 grade for levelling course	Cum	1,291.74	12.8 D (ii)	4,539.00	58,63,210.92	24.00	2,44,300	0.052%	24.00	1,291.74	5863210.92	0.05%		
6I,03	HYSD bar reinforcement - Foundation	Mt	4,994.50	13.6	53,658.00	26,79,94,854.15	304.00	8,81,562	2.366%	304.00	4,994.50	267994854.15	2.37%		
6I,04	RCC M35 Pile Cap	Cum	15,268.62	12.38.D.(ii)	4,668.00	7,12,73,899.26	24.00	29,69,746	0.629%	24.00	15,268.62	71273899.26	0.63%		
6I,05	RCC M35 1.2m dia piles	Rm	24,518.88	12.25	10,003.60	24,52,77,078.90	280.00	8,75,990	2.166%	280.00	24,518.88	245277078.90	2.17%		
6I,06	RCC M35 - ABUTMENT/Return Wall	Cum	4,214.86	13.5.H.(p). case II	5,153.00	2,17,19,191.72	26.00	8,35,354	0.192%	26.00	4,214.86	21719191.72	0.19%		
6I,07	HYSD bar reinforcement - ABUTMENT/Return Wall	Mt	502.47	13.6	53,658.00	2,69,61,755.24	26.00	10,36,991	0.238%	26.00	502.47	26961755.24	0.24%		
6I,08	RCC M35 - ABUTMENT CAP	Cum	702.48	13.5.H.(p). case II	5,153.00	36,19,865.29	8.00	4,52,483	0.032%	8.00	702.48	3619865.29	0.03%		
6I,09	HYSD bar reinforcement - ABUTMENT CAP	Mt	113.99	13.6	53,658.00	61,16,324.10	8.00	7,64,541	0.054%	8.00	113.99	6116324.10	0.05%		
6I,10	RCC M35 - PIER	Cum	3,851.51	13.5.H.(p). case II	5,153.00	1,98,46,847.61	54.00	3,67,534	0.175%	54.00	3,851.51	19846847.61	0.18%		

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

Item No.	Description	Unit	Quantity	SOR Item No. (year 2015-2016)	SOR Rate(Rs) including Lead (year 2015-2016)	Amount(Rs)	Physical Progress Quantity Km/No	Rate in Rs.	Weightage in percentage to the Contract Price	Qty in Nos/km/m	Qty in cum/sqm/m	Amount (Rs.)	Physical Progress%	Physical Progress (Progressive) %
1	2	3	4	5	8 = 6+7	9 = 4x8	10	11 = 9/10	12	14a (Actual Qty. to be input here)	14 (=14a*4/10)	15	16	17
6l,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%	
6l,12	RCC M35 - PIER CAP	Cum	2,349.67	13.5.H.(p)- case II	5,153.00	1,21,07,825.27	16.00	7,56,739	0.107%	16.00	2,349.67	12107825.27	0.11%	
6l,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%	
6l,14	RCC M35 - RCC Girder	Cum	273.56	14.01 G Case-1(i)r	7,757.00	21,21,990.00	130.00	16,323	0.019%	130.00	273.56	2121990.00	0.02%	
6l,15	PSC M45/M50 - PSC Girder	Cum	2,526.39	14.01 G Case-1(i)r	7,757.00	1,95,97,201.72	16.00	12,24,825	0.173%	15.00	2,368.49	18372376.62	0.16%	
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	6,530.00	1,72,25,565.85	20.00	8,61,278	0.152%	0.00	-	0.00	0.00%	0.86%
6l,19	PSC M45/M50 - SLAB	Cum	1,818.36	14.01 G Case-1(i)r	7,757.00	1,41,04,992.32	20.00	7,05,250	0.125%	0.00	-	0.00	0.00%	
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%	0.00	-	0.00	0.00%	
6l,21	Finishing Work (10% cost of overall work)	Nos	-	10 % progress shall be deducted for Mi		2,70,241.67	20.00			0.00		0.00	0.00%	
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)	4,539.00	24,84,961.97	565.20	4,397	0.022%	488.00	472.69	2145543.95	0.02%	
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%	18,655.00	20,171.07	18456528.35	0.16%	
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%	10,462	11,310.69	6628062.16	0.06%	0.45%
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%	4,40,540	98,223.14	24074491.03	0.21%	
7.05	RCC crash barrier with friction slab M 40	Rmt	3,412.73	14.1 Case-ii (ii-p)	5,714.00	1,95,00,349.01	9,420.00	2,070	0.172%	-	-	0.00	0.00%	
7	Total Amount Reinforced Earth Wall					9,12,48,966.72							0.00%	
8	Service roads/ Slip Roads													
8.01	Construction of Subgrade	Cum	35,854.12	RA	245.10	87,87,843.81	4.385	20,04,069	0.078%	0.00	-	0.00	0.00%	
8.02	Construction of GSB	Cum	14,337.77	4.1-A-(i)	1,332.00	1,90,97,909.96	4.385	43,55,282	0.169%	0.00	-	0.00	0.00%	
8.03	Constructing Wet Mix Macadam base	Cu.m.	17,857.62	4.12	1,384.00	2,47,14,942.30	4.385	56,36,247	0.218%	0.00	-	0.00	0.00%	
8.04	Primer coat - Connecting road	Sqm	65,696.28	5.1	19.00	12,48,229.41	4.385	2,84,659	0.011%	0.00	-	0.00	0.00%	
8.05	Tack coat -1 - Connecting road	Sqm	71,327.39	5.2	7.00	4,99,291.76	4.385	1,13,864	0.004%	0.00	-	0.00	0.00%	0.00%
8.06	Tack coat -2 - Connecting road	Sqm	71,327.39	5.2	7.00	4,99,291.76	4.385	1,13,864	0.004%	0.00	-	0.00	0.00%	
8.07	Dense Bituminous Macadam course- Connecting road	Cu.m.	3,928.72	5.6(b)	6,033.00	2,37,01,953.48	4.385	54,05,235	0.209%	0.00	-	0.00	0.00%	
8.08	Bituminous Concrete - Connecting Road	Cu.m.	2,624.02	5.8(ii)	7,117.00	1,86,75,155.33	4.385	42,58,872	0.165%	-	-	0.00	0.00%	
8	Total Service roads/ Slip Roads					9,72,24,617.81								
9	Bill No.9: Toll Plaza													
9.01	Clearing and grubbing - Toll Plaza	Hec	5.47	2.3 (ii) A	22,950.00	1,25,644.14	9.00	13,960	0.001%	7.00	4.26	97723.22	0.00%	
9.02	Construction of embankment - Toll Plaza	Cum	1,09,110.96	RA	223.10	2,43,42,655.70	9.00	27,04,740	0.215%	7.00	84,864.08	18933176.65	0.17%	
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%	1.60	6,517.56	1597454.32	0.01%	
9.04	Constructing Grannular Sub-base - Toll Plaza	Cu.m.	14,525.19	4.1-A-(i)	1,332.00	1,93,47,555.84	9.00	21,49,728	0.171%	0.00	-	0.00	0.00%	
9.05	Providing xxx mm thick DLC (M15) for Toll plaza	cum	10,424.07	6.1	2,347.00	2,44,65,296.42	9.00	27,18,366	0.216%	0.00	-	0.00	0.00%	
9.06	Providing xxx mm thick PQC for Toll plaza	cum	20,893.29	6.2	6,413.00	13,39,88,698.27	9.00	1,48,87,633	1.183%	0.00	-	0.00	0.00%	0.18%
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%	16.50	43,331.47	4203152.64	0.04%	
10.02	Drain Lining	cum	11,999.59	12.8 D (ii)	4,539.00	5,44,66,143.54	30.52	17,84,619	0.481%	16.50	6,487.38	29446210.59	0.26%	
10.03	RCC M 20 Grade Dain	Cum	4,802.48	12.8 E (case-ii)	4,503.00	2,16,25,574.51	30.52	7,08,576	0.191%	16.50	2,596.38	11691505.58	0.10%	
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%	16.50	108.16	5803575.64	0.05%	0.581%
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%	12.70	9,765.06	14647586.90	0.13%	
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								
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%	15.80	33,053.02	5784277.87	0.05%	
11.04a	Painting on Kerbs	Sq.m	34,042.62	14.16	44.00	14,97,875.29	30.52	49,079	0.013%	0.00	-	0.00	0.00%	0.05%

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

Item No.	Description	Unit	Quantity	SOR Item No. (year 2015-2016)	SOR Rate(Rs) including Lead (year 2015-2016)	Amount(Rs)	Physical Progress Quantity Km/No	Rate in Rs.	Weightage in percentage to the Contract Price	Qty in Nos/km/m	Qty in cum/sqm/m	Amount (Rs.)	Physical Progress%	Physical Progress (Progressive) %
1	2	3	4	5	8 = 6+7	9 = 4x8	10	11 = 9/10	12	14a (Actual Qty. to be input here)	14 (=14a*4/10)	15	16	17
11.02a	Supplying & Fixing Sign Boards	KM	31.97	Lamsum	12,00,000.00	3,83,62,250.51	32.00	11,98,820	0.339%	0.00	-	0.00	0.00%	0.00%
11.03a	Pavement marking	Sq.m	67,404.39	8.13	383.00	2,58,15,880.64	32.00	8,06,746	0.228%	0.00	-	0.00	0.00%	0.00%
11	Traffic signs, Road markings and other road appurtunences					7,68,49,094.40								
11.04	Providing and erecting " Thrie " metal beam crash barrier	L.M.	38,905.85	8.23 B	3,465.00	13,48,08,776.19	30.52	44,17,098	1.190%	5.40	6,883.79	23852327.80	0.21%	0.21%
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%	0.65	0.65	32494532.09	0.29%	0.29%
12.02	Providing operational and maintenance Center	No.	2.00	Lamsum	2,50,00,000.00	5,00,53,999.31	2.00	2,50,27,000	0.442%	0.00	-	0.00	0.00%	0.00%
12.03	Providing lighting including all	Nos	2,348.59	8.27 (ii)	3,697.00	86,82,743.30	30.52	2,84,496	0.077%	0.00	-	0.00	0.00%	0.00%
12.04	Providing Advanced Traffic Management Systems (ATMS)	Km.	32.02	Lamsum	20,00,000.00	6,40,34,168.69	30.52	20,98,121	0.565%	0.00	-	0.00	0.00%	0.00%
12.05	Providing & Placing Noise Barrier	Km	9.31	Lamsum	35,26,344.09	3,28,28,433.46	9.30	35,29,939	0.290%	0.00	-	0.00	0.00%	0.00%
12.06	Providing Rain Water Harvesting	Nos	63.55	Lamsum	1,10,000.00	69,90,084.69	64.00	1,09,220	0.062%	0.00	-	0.00	0.00%	0.00%
12.07	Providing Chain Link Fencing in ROW	L.M.	53,923.51	Lamsum	2,500.00	13,48,08,776.19	30.52	44,17,098	1.190%	17.85	31,538.08	78845194.67	0.70%	0.70%
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%	54	5,386.33	18852164.80	0.17%	0.17%
12	Project facilities					41,97,24,687.74								
13	Land Scaping and Tree plantation													
	Land Scaping and Tree plantation	LS	20,546.32	11.9	804.00	1,65,19,241.28	30.52	5,41,264	0.146%	0.00	-	0.00	0.00%	0.000%
13	Environmental Plan					1,65,19,241.28								
14	PROTECTION WORKS													
I	Boulder pitchin on slopes													
A	Providing and laying stone pitching on embankment slopes	cum	20,190.56	15.4	1,015.00	2,04,93,417.23	30.52	6,71,475	0.181%	16.20	10,717.14	10877895.12	0.10%	0.13%
B	Providing and laying filter media underneath stone pitching	cum	10,011.40	15.50	729.00	72,98,307.89	30.52	2,39,132	0.064%	16.20	5,314.04	3873938.00	0.03%	
II	Toe/Retaining wall													
A	Excavation of Retaining Wall + Toe Wall	Cu.m.	52,557.03	12.1 -(I) A	97.00	50,98,031.69	3.305	15,42,521	0.045%	3.00	47,706.83	4627562.81	0.04%	3.98%
B	M-15 PCC Retaining Wall + Toe Wall	Cu.m.	2,923.41	12.8 D (ii)	4,539.00	1,32,69,372.08	3.305	40,14,939	0.117%	3.00	2,653.63	12044815.81	0.11%	
C	M-25 Retaining Wall + Toe Wall	Cum	57,142.97	13.5 (q) Case-ii	5,156.00	29,46,29,151.80	3.305	8,91,46,491	2.602%	2.70	46,682.61	240695524.92	2.13%	
D	HYSD - Retaining Wall + Toe Wall	MT	4,412.93	13.6	53,658.00	23,67,89,118.92	3.305	7,16,45,724	2.091%	2.70	3,605.12	193443455.70	1.71%	
14	Total : PROTECTION WORKS					57,75,77,399.61								
15	MISCELLANEOUS WORKS													
15.01	Overhead Signs	Nos	1.00	Lamsum	1,79,01,663.90	1,78,49,680.55	32.00	5,57,803	0.158%	0.00	-	0.00	0.00%	0.00%
15.02	Traffic Aid Booth	Sqm	77.27	Lamsum	21,000.00	16,22,698.23	2.00	8,11,349	0.014%	0.00	-	0.00	0.00%	0.000%
15.03	Medical Aid Booth	Sqm	77.27	Lamsum	21,000.00	16,22,698.23	2.00	8,11,349	0.014%	0.00	-	0.00	0.00%	0.000%
15.04	(d) Emergency Cross Over	No.	6.00	Lamsum	3,32,790.86	19,96,956.10	6.00		0.018%	0.00	-	0.00	0.00%	0.000%
15.05	Wearing Coarse	Sqm	8,559.29	Lamsum	350.00	29,95,750.58	32.00	93,617	0.026%	0.00	-	0.00	0.00%	0.000%
15.06	Kerb	Km	4.33	Lamsum	30,00,000.00	1,29,81,585.86	32.00	4,05,675	0.115%	0.00	-	0.00	0.00%	0.000%
15	Total Bill No.15 : MISCELLANEOUS WORKS					3,90,69,369.55								
	Total Amount					11,32,45,62,742			100.00%			8814328345.30	77.83%	77.83%

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		15
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		28
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						

PROGRESS CHART FOR BOX CULVERTS

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

PROGRESS CHART FOR CUP/PUP

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

PROGRESS CHART FOR VUP

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

BOX TYPE

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

PILE TYPE

SR. NO	PILE TYPE																		
	LHS							Design Chainage	CA Chainage	Dimension	RHS								
	Superstructure		Sub Structure		Foundation						Pile Scope	Foundation		Substructure		Superstructure			
	Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Pile	Pile	Pile	Pile Cap	Pier		Pier Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab		
1		7	7	2 out of 2	2 out of 2	2 out of 2	16	32	324+193	324+210	1X29.214	16	2 out of 2	2 out of 2	2 out of 2	7	7		
2		50	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	2 out of 4	101	104	4 out of 4	59 out of 62	2 out of 2	62	124	343+566	343+566	1x27.20	62	2 out of 2	58 out of 62	4 out of 4			0 out of 4	
4			7	2 out of 2	14 out of 14	2 out of 2	14	28	350+143	350+162	1x33.112	14	2 out of 2	14 out of 14	2 out of 2	7			
5		50	50	4 out of 4	28 out of 28	2 out of 2	28	56	354+636	354+660	1x48.603	28	2 out of 2	28out of 28	4 out of 4				

PROGRESS CHART FOR FLYOVER

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

PROGRESS CHART FOR INTERCHANGE																	
SR. NO	LHS							Design Chainage	CA Chainage	Dimension	RHS						
	Superstructure		Sub Structure		Foundation		Total Pile Scope				Foundation		Substructure		Superstructure		
	Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Piles					Piles	Pile Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab
1		21	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	21
2		24	54	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	48	16
PROGRESS CHART FOR ROB																	
SR. NO	LHS							Design Chainage	CA Chainage	Dimension	RHS						
	Superstructure		Sub Structure		Foundation		Total Pile Scope				Foundation		Substructure		Superstructure		
	Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Piles					Piles	Pile Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab
1				1	3	3	42 out of 42	80	352+965	352+988	2x37.20	38 out of 38	3	3	3		
PROGRESS CHART FOR MJB																	
SR. NO	LHS							Design Chainage	CA Chainage	Dimension	RHS						
	Superstructure		Sub Structure		Foundation		Total Pile Scope				Foundation		Substructure		Superstructure		
	Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Pile					Pile	Pile Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab
1			83	3 out of 7	5 out of 7	7 out of 7	114	228	336+810	336+830	6X42.20	114	7 out of 7	7 out of 7	6 out of 7		
PROGRESS CHART FOR VOP																	
SR. NO	LHS							Design Chainage	CA Chainage	Dimension	RHS						
	Superstructure		Sub Structure		Foundation		Total Pile Scope				Foundation		Substructure		Superstructure		
	Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Piles					Piles	Pile Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab
1				3 out of 3	3 out of 3	3 out of 3	14	14	326+957	326+982	2x48.221	Not Applicable					
2		6	8	3 out of 3	3 out of 3	3 out of 3	21	21	349+441	349+463	2x41.35	Not Applicable					

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Details of Electrical Utilities

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

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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	30	1	shifted	Electric Line Crossing	
52	341+610	341+650	Padra-2		11 KV	40	40	1	shifted	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	

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Details of Electrical Utilities

Sr. No.	CHAINAGE		Division	SIDE	TYPE	Effected LENGTH (m)	Cleared Length (Mtr.)	No. of Locations already shifted	No. of Locations where shifting in progress	Description	Remarks
	From	To									
63	349+440	349+470	Padra-1		11 KV	30	30	1	shifted	Electric Line Crossing	
64	350+340	350+400	Padra-1		11 KV	60	60	1	shifted	Electric Line Crossing	
65	350+320	350+330	Padra-1	RHS		10	10	1	shifted	Transformer	
66	351+400	351+420	Padra-1		11 KV	20	20	1	shifted	Electric Line Crossing	
67	351+420	351+430	Padra-1	LHS		10	10	1	shifted	Transformer	
68	351+530	351+540	Padra-1		11 KV	10	10	1	shifted	Electric Line Crossing	
69	351+680	351+800	Padra-1		11 KV	10	10	1	shifted	Electric Line Crossing	
70	351+820	351+825	Padra-1		11 KV	5	5	1	shifted	Electric Line Crossing	
71	351+830	351+835	Padra-1		11 KV	5	5	1	shifted	Electric Line Crossing	
72	351+870	351+875	Padra-1		11 KV	5	5	1	shifted	Electric Line Crossing	
73	351+875	351+885	Padra-1		11 KV	10	10	1	shifted	Electric Line Crossing	
74	351+885	351+915	Padra-1		11 KV	30	30	1	shifted	Electric Line Crossing	
75	352+300	352+310	Padra-1		11 KV	10	10	1	shifted	Electric Line Crossing	
76	352+445	352+460	Padra-1		11 KV	15	15	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			In Progress	Electric Line Crossing	
81	353+670	353+920	Padra-1		11 KV	10			In 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	1930	82	2		35

ANNEXURE -4- 30.04.2021

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	1930	82			380

Annexure 4

GETCO/PGCIL/Torrent EHT Line Shifting Matrials Details									
Sr. No.	Agency	Utility agency	Chainage	Line Discription	Vendor approval Status	Check survey/ Profile Status	Land Status	Material Vendor approval Status	Material Inspection status
1	Yug Electro Infra	GETCO	323+200	66 KV - Handod Sarbhan Line	vendor approval obtain through letter no : CE(Projects) II/T-2/66 KV /NHAI /Siddharth Infra -1/Yug/ 4156	Profile approved from PIU Godhra and submitted to GETCO for approval	Profile approval awaited from GETCO	Material vendor approval awaited from GETCO	awaited
2	Yug Electro Infra	GETCO	324+122	220 KV Kosamba - Mobha Lilo(Suva)	vendor approval obtain through letter no : CE(Projects) II/T-2/220 KV /NHAI /Siddharth Infra -7/Yug/ 4157	Profile approved from PIU Godhra and submitted to GETCO for approval	Profile approval awaited from GETCO	Material vendor approval awaited from GETCO	awaited
3	Yug Electro Infra	GETCO	325+132	220 KV Kosamba - Mobha	vendor approval obtain through letter no : CE(Projects) II/T-2/220 KV/NHAI/Vima-8/Yug/ 4159	Profile approved from PIU Godhra and submitted to GETCO for approval	Profile approval awaited from GETCO	Material vendor approval awaited from GETCO	awaited
4	Yug Electro Infra	GETCO	326+420	220 KV Gavasad - SSLP Line 1 & 2	vendor approval obtain through letter no : CE(Projects) II/T-2/220 KV/NHAI/Vima-6/Yug/ 4158	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 Approved	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 Approved	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 review and approval	Profile approval awaited		
10	Om power	Torrent	340+950	400 KV	Approved	Check survey done, Profile Submitted to PIU Goudhra for review and approval	Profile Approved	Shifting works will be started in next second week of May 2021	

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

Details of Permanent structure like Building etc.

Sr. No	Chainage		Side	Structure type	Effectuated Length (m)	Effectuated Width (m)	Effectuated Zone
	From	To					
1	327+280	327+320	RHS	COW SHELTER			
2	329+350	329+355	LHS	COW SHELTER			
3	329+365	329+375	BHS	HOUSE			
4	330+320	330+330	BHS	HOUSE			
5	341+750	341+850	LHS	ONGC GAS OFFICE	100		
TOTAL LENGTH					100		

Details of Gas Pipe Lines

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

Details of Religious Structures like Temple, Mosque etc.

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

Details of Land related Hindrances

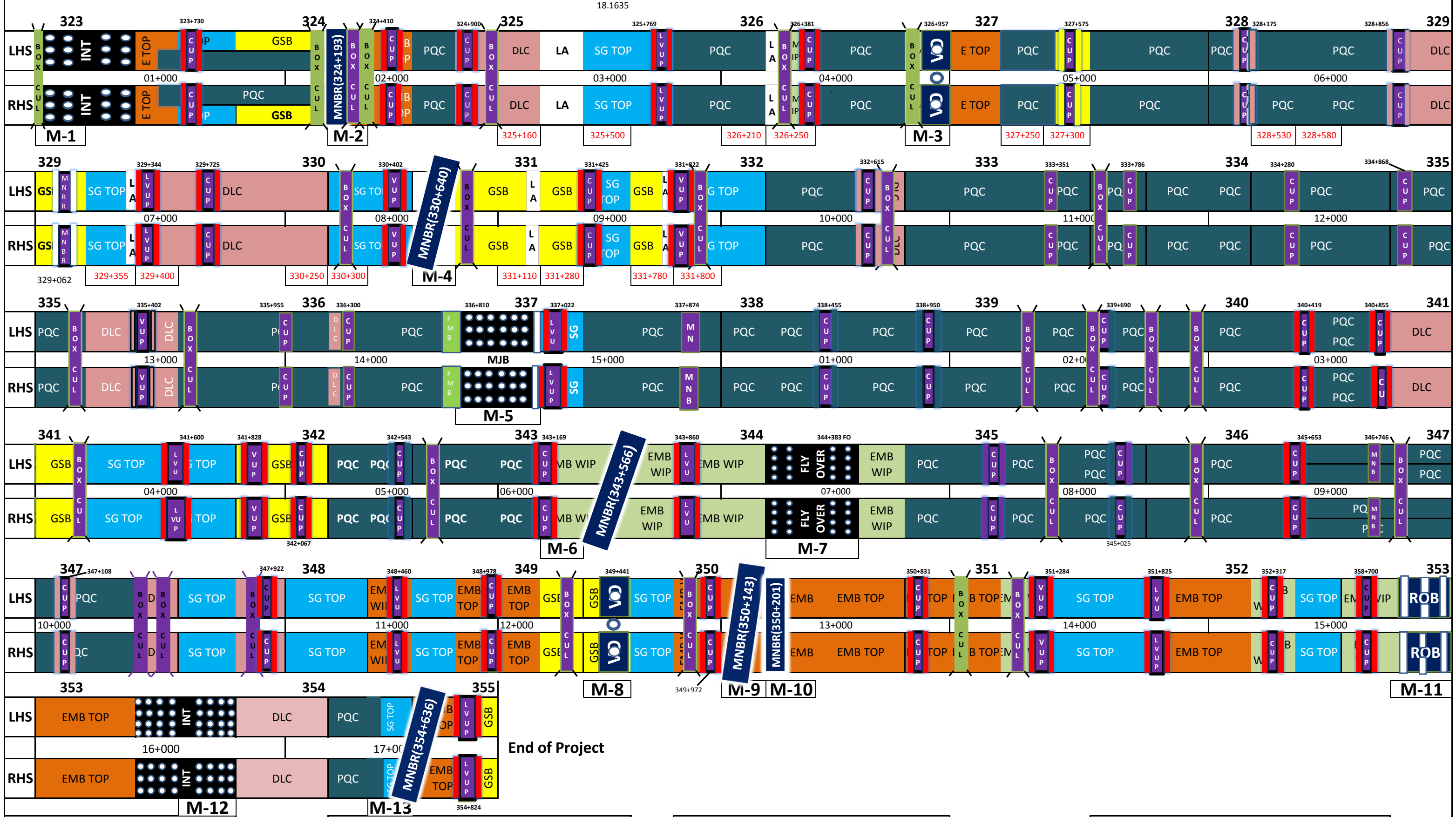
Annexure 4

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

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

	EMB Top	SG Top	GSB TOP	DLC	PQC 8-LANE	EMB WIP
Scope Length(km)	30.52	30.52	30.52	30.52	30.52	30.52
Length Completed(km)	29.20	27.20	26.54	26.08	20.97	30.40

Structure Scope (No.)	Work Completed	Work in Progress	LA Hindrance (Km)	Utility Hindrance(km)	M-	STR
157	128	29	0.300	0.370	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	02.04.2021	PIL/ VK2/ IRCON/ 956 / 2021	Submission of Drawing details for Electrical, Plumbing and MEP Layout for Wayside Amenity at Ch. 346+060 and at Ch. 347+410
2	02.04.2021	PIL/ VK2/ IRCON/ 957 / 2021	Submission of Revised Design and Drawing of Metallic Guide Bearing and PIN Bearing for Flyover at Ch. 344+383.
3	02.04.2021	PIL/ VK2/ IRCON/ 958 / 2021	Submission of Wayside Amenities Bar chart Work program.
4	02.04.2021	PIL/ VK2/ IRCON/ 959 / 2021	The approval of the profile is still pending for 400KV Gandhar-Dehgam PGCIL Project and Non-disclosure agreement Sugan-Pirana TORRENT Project. (OM Power)
5	02.04.2021	PIL/HO/VKP2/IRCON/235/2021	Regarding Compliance Details required for TMS and ATMS. (M/s Vaaan Infra Pvt. Ltd.)
6	03.04.2021	PIL/ VK2/ IRCON/ 960 / 2021	Submission of "Monthly Progress Report" for the Month of March - 2021.
7	03.04.2021	PIL/ VK2/ IRCON/ 961 / 2021	Submission of Design and Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps for Structure MNB at Ch. 343+566
8	03.04.2021	PIL/ VK2/ IRCON/ 962 / 2021	Submission of Design and Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps for Structure LVUP at Ch. 351+825
9	05.04.2021	PIL/ VK2/ IRCON/ 964 / 2021	Request for vendor approval for shifting of (1) 66 KV - Handod Sarbhan Line at Project chainage 323+200 for GETCO Bharuch circle, (2) 220 KV – Kosamba Mobha Line Lilo at 220 KV suva s/s between Location no. 4 to 8 at project chainage 324+122 for GETCO Jambuva Circle, (3) 220kv Kosamba - Mobha line No.1 & 2 between location No. 238 to 242 at project chainage 325+132 for GETCO Jambuva Circle & (4) 220kv Gavasad - SLPP line No.1 & 2 between location No 58 to 62 at project chainage 326 +420 for GETCO Jambuva Circle (Under Deposit work option-III)
10	05.04.2021	PIL/ VK2/ IRCON/ 965 / 2021	Submission of Utility IPC - 03 for shifting of MGCVCL Electrical Lines, LT/HT crossing and TC Centre under sub division Karjan – 1, Div. Jambuva, From km. 324+000 to 335+500.
11	06.04.2021	PIL/ VK2/ IRCON/ 966 / 2021	Provision of Diversion Road for Construction of VOP at Ch. 326+957
12	08.04.2021	PIL/HO/VKP2/IRCON/245/2021	Intimation for production of Paver Block to be installed at wayside Amenities in Project Expressway.
13	08.04.2021	PIL/ VK2/ IRCON/ 967 / 2021	Submission of Borrow area soil test reports for B.A. No. 73D,73E,100B, 100C, 97D,97E & 53E.
14	08.04.2021	PIL/HO/VKP2/IRCON/246/2021	Compliance to the Observations made on Regarding Design & Drawing of L-Shaped Retaining Wall of Total Height of 9.0m for MNB at CH. 343+566
15	08.04.2021	PIL/HO/VKP2/IRCON/249/2021	Regarding Submission of Company Profile of M/s Tube Investments of India Pvt. Ltd. (Murugappa group) for the source approval of "TMT Bars" (Product name-TI Macho TMT Bars) to be used in Expressway Highway.
16	08.04.2021	PIL/HO/VKP2/IRCON/250/2021	Submission of Company Profile and Credential of M/s HAQ Steels and Metaliks Ltd. for the source approval of "TMT Bars" to be used in Expressway Highway.
17	10.04.2021	PIL/ VK2/ IRCON/ 968 / 2021	Compliance to the observations made on Design & Drawing Report of Box Culvert at Ch. 343+883 to be constructed at the location where GWSSB line is crossing through the Main Carriageway in the Project Expressway.

Details of Letter Correspondence From PIL TO IRCON.

Sr.	Date	Letter Number	Subject
18	10.04.2021	PIL/ VK2/ IRCON/ 969 / 2021	Submission of Test Reports of POT cum PTFE, Metallic & Pin Fixed Bearings for Interchange Ch 353+670 LHS & RHS side Conducted by Manufacturer M/s Hercules Structural Systems Pvt. Ltd. at Ghaziabad unit dated 15th March 2021.
19	10.04.2021	PIL/ VK2/ IRCON/ 970 / 2021	Submission of Design and Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps for Structure MNB at Ch. 330+640
20	10.04.2021	PIL/ VK2/ IRCON/ 971 / 2021	Inviting for checking, sampling of paver block concrete batching plant unit- Reg.
21	10.04.2021	PIL/ VK2/ IRCON/ 972 / 2021	Submission of Design and Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps for Structure MNB at Ch. 354+636
22	12.04.2021	PIL/ VK2/ IRCON/ 973 / 2021	Regarding Casting of diaphragm wall at Major Bridge 336+810.
23	12.04.2021	PIL/ VK2/ IRCON/ 974 / 2021	Regarding Demand of Villagers of Sanpa to Provide 2 nos. Pipe Culverts at Both Sides of LVUP 325+769.
24	13.04.2021	PIL/HO/VKP2/IRCON/258/2021	Regarding intimation of Force Majeure Event on account of the continuing effect of COVID-19 pandemic and 2nd wave of COVID-19.
25	13.04.2021	PIL/ VK2/ IRCON/ 975 / 2021	Submission of A2 size hard copy of all Drawings of Wayside Amenities along with soft copies for review.
26	13.04.2021	PIL/ VK2/ IRCON/ 976 / 2021	Submission of Third party test report-Bolt & Nuts-steel composite girder-326+957-45.975 m span - Reg.
27	13.04.2021	PIL/ VK2/ IRCON/ 977 / 2021	Regarding Demand of Villagers of Darapura to Provide 2 nos. of Pipe Culverts at LVUP Ch. 348+468 & VOP Ch. 349+441.
28	13.04.2021	PIL/ VK2/ IRCON/ 978 / 2021	Hindrances / Encumbrances of 351+300 – Reg.
29	14.04.2021	PIL/ VK2/ IRCON/ 979 / 2021	Compliance of observation made on Report on achievement of Project Milestone - III in pursuant to Clause 4.3, Schedule - J of the Contract Agreement - Reg.
30	15.04.2021	PIL/ VK2/ IRCON/ 980 / 2021	Hindered area due to Land Disputes.
31	15.04.2021	PIL/HO/VKP2/IRCON/267/2021	Regarding withhold/unpaid payment against electrical utility shifting work under MGVCCL and facing problems in the execution of shifting work of EHT lines thereto.
32	16.04.2021	PIL/ VK2/ IRCON/ 981 / 2021	Submission of Design and Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps for Structure MNB at Ch. 324+193.
33	16.04.2021	PIL/HO/VKP2/IRCON/270/2021	Compliance Intimation for Production of Paver Block to be installed at wayside Amenities in Project Expressway
34	16.04.2021	PIL/HO/VKP2/IRCON/271/2021	Submission of Interlocking Concrete Block Pavement Design Report for laying of Paver Block at roads/driveways, Parking areas at Wayside Amenities 346+060 and 347+410
35	17.04.2021	PIL/HO/VKP2/IRCON/273/2021	Submission of Detailed Drawing for Helipad at Wayside Amenities at Ch. 346+060 and 347+410
36	17.04.2021	PIL/ VK2/ IRCON/ 983 / 2021	Submission of A2 Size Paper hard copy of GFC Drawing of Compound Wall for Wayside Amenity at Ch. 346+060 & 347+410.
37	17.04.2021	PIL/ VK2/ IRCON/ 984 / 2021	Compliance of Submission of Test Reports of Pin & Metallic Guided Bearings for Interchange Ch 323+075 & MNB Ch. 324+193 Conducted by Manufacturer/Supplier M/s Dynamic Prestress (i) Pvt. Ltd. at Nasik unit dated 15th March 2021.
38	17.04.2021	PIL/ VK2/ IRCON/ 984 A/ 2021	Submission for approval of Stage Payment Statement (IPC) Nos. 23 - A & 23 - B for stages completed for the period 01.03.2021 to 31.03.2021 as per amendments/modified Schedule – H.
39	19.04.2021	PIL/ VK2/ IRCON/ 985 / 2021	Submission of Compliance Report of the Expressway Projects.

Details of Letter Correspondence From PIL TO IRCON.

Sr.	Date	Letter Number	Subject
40	19.04.2021	PIL/ VK2/ IRCON/ 986 / 2021	Hindrances / Encumbrances of 351+300 – Reg.
41	19.04.2021	PIL/ VK2/ IRCON/ 987 / 2021	Resubmission of detailed estimate, Rate Analysis & Drawings for Additional RE Wall and Noise Crash Barrier to safe guard ONGC well at Ch. 341+820
42	19.04.2021	PIL/ VK2/ IRCON/ 988 / 2021	Submission of Borrow area soil test reports for B.A. No. 100D,100E,107,107A,108,108A,104B & 104C
43	20.04.2021	PIL/ VK2/ IRCON/ 988 A/ 2021	Request to Release Part Payment against the Stage Payment Statement (IPC) No.- 23 under Contract Clause 19.5.1.
44	19.04.2021	PIL/HO/VKP2/IRCON/274/2021	Submission of Elevation and Sectional Drawing for Toll Plaza Admin Buildings at Ch. 323+075 and Ch. 353+666
45	19.04.2021	PIL/HO/VKP2/IRCON/276/2021	Submission of the Company profile and credentials for Source approval of M/s. Systematic Industries Pvt.Ltd. for procurement of Chain link 4mm galvanized wire - Reg.
46	19.04.2021	PIL/HO/VKP2/IRCON/278/2021	Submission of Design and Drawing of foundation and substructure of Trauma Center at Wayside Amenity at Ch.347+410
47	19.04.2021	PIL/HO/VKP2/IRCON/279/2021	Submission of Design and Drawing of foundation and substructure of Trauma Center at Wayside Amenity at Ch.346+060
48	21.04.2021	PIL/ VK2/ IRCON/ 989 / 2021	To check suitability of soil filling in the Median for Plantation.
49	22.04.2021	PIL/ VK2/ IRCON/ 991 / 2021	Compliance report / Action Taken Report for observations made in Monthly Inspection Report-March-2021
50	23.04.2021	PIL/ VK2/ IRCON/ 992 / 2021	Submission of Revised Highway Plan & Profile from KM 323+000 to KM 355+000.
51	23.04.2021	PIL/ VK2/ IRCON/ 993 / 2021	Regarding Demand of Villagers of Sarsavani to Provide 01 no. of double row 1200 mm dia HPC Pipe Culvert at km. 343+880.
52	23.04.2021	PIL/HO/VKP2/IRCON/288/2021	Compliance on intimation for production of paver block to be installed for way side amenities in Project Highway. (Curing Methodology of Paver blocks)
53	23.04.2021	PIL/ VK2/ IRCON/ 994 / 2021	Mismatch of alignment at interchange 323+087 between Pkg-II & Pkg-III.
54	23.04.2021	PIL/HO/VKP2/IRCON/290/2021	Regarding intimation of Force Majeure Event on account of the continuing effect of COVID-19 pandemic and 2nd wave of COVID-19 - Imposition of Lockdown-like restriction in the state of Gujarat
55	24.04.2021	PIL/ VK2/ IRCON/ 995 / 2021	Submission of Revised Drawing Document for Preliminary basis approval for Reinforced Soil approach ramps for Structure Flyover at Ch. 344+342 incorporating the arrangement showing construction of RS Wall at crossing of Box Culvert at Km 344+433 and Terminal Slab.
56	24.04.2021	PIL/ VK2/ IRCON/ 996 / 2021	IE's Review Comments on Reinforced Soil wall approach ramps for Interchange at Ch. 353+670.
57	24.04.2021	PIL/ VK2/ IRCON/ 997 / 2021	Submission of Revised Highway Plan & Profile for VOP approach at km. 326+957 & 349+441.
58	26.04.2021	PIL/ VK2/ IRCON/ 999 / 2021	Check list for TAD (Launching Scheme) for ROB Ch. 352+946
59	28.04.2021	PIL/HO/VKP2/IRCON/294/2021	Regarding Provision of Advance traffic Management System in the Project Expressway. for Vadodara Kim Expressway Pkg - II Project.
60	29.04.2021	PIL/ VK2/ IRCON/ 1000 / 2021	Notification of Achievement of Project Milestone - III on 30.03.2021 as per Schedule -G of CA

Details of Letter Correspondence From PIL TO IRCON.

Sr.	Date	Letter Number	Subject
61	29.04.2021	PIL/ VK2/ IRCON/ 1001 / 2021	Site Visit to Provide (1) 2 nos. Pipe Culverts at Both Sides of LVUP 325+769 as per demand by Residents of Sanpa village, (2) 2 nos. of Pipe Culverts at LVUP Ch. 348+468 & VOP Ch. 349+441 as per demand by Residents of Darpura village and (3) 01 no. of double row 1200 mm dia HPC Pipe Culvert at km. 343+880 as per demand by Residents of Sarsavani Villgae
62	29.04.2021	PIL/ VK2/ IRCON/ 1002 / 2021	Intimation of using of M 35 grade Pile concrete instead of M 30 grade concrete at our Project highway- Reg.
63	30.04.2021	PIL/ VK2/ IRCON/ 1003 / 2021	Submission of Profile Drawing for Approval for the shifting of (1) 66 KV - Handod Sarbhan Line at Project chainage 323+200 for GETCO Bharuch circle, (2) 220 KV – Kosamba Mobha Line Lilo at 220 KV suva s/s between Location no. 4 to 8 at project chainage 324+122 for GETCO Jambuva Circle, (3) 220kv Kosamba - Mobha line No.1 & 2 between location No. 238 to 242 at project chainage 325+132 for GETCO Jambuva Circle & (4) 220kv Gavasad - SLPP line No.1 & 2 between location No 58 to 62 at project chainage 326 +420 for GETCO Jambuva Circle.
64	30.04.2021	PIL/HO/VKP2/IRCON/297/2021	Regarding Master Plan and Good For Construction Drawings of Wayside Amenities.

Details of Letter Correspondence From IRCON to PIL

Sr.	Date	Letter Number	Subject
1	01.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2978	Submission of Company Profile of M/s Vaaan Infra Pvt. Ltd. for the Source Approval of ATMS & TMS to be installed on the Project Expressway
2	01.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2979	Submission of Concrete Mix Design for M25 PCC & RCC M30, M35 RCC and M40 RCC.
3	01.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2980	Site inspection of the Hon'ble Minister for RTH & MSME – Shri Nitin Gadkari on Delhi – Mumbai Expressway along with Media Persons on 8th and 9th April, 2021.
4	03.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2982	Submission of revised Plan and Profile from Km. 323+000 to 355+000.
5	03.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2983	Intimation for production of Paver block to be installed at WaySide Amenities in Project Expressway
6	03.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2987	Submission of Shop Drawings of Strip Seal Type Expansion Joint for Flyover Ch. 344+383 & Minor Bridge Ch. 343+566.
7	05.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2993	Schedule visit of Hon'ble Minister of Road Transport and Highways, Shri Nitin Gadkari on 9th April 2021
8	05.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2995	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.
9	05.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2996	Provision of diversion road for construction of VOP at 326+957
10	05.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2997	Routine monthly checking of TBM/Pillars X,Y,Z Values/Co- Ordinates/levels
11	05.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2998	Wayside Amenities Construction Work Programme
12	06.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3000	Extension of Approved 400KV D/C Twin Moose Tower DB & DD (WZ-3) Approved PGCIL BOM Tower Structure design for Shifting Work of 400KV D/C Gandhar - Dehgam Line of PGCIL between Loc. 91 to 95 for NHAI Vadodara Mumbai Eight Lane Expressway - PKG 2.
13	06.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3001	Submission of Design and Drawing for arrangement for Box Girder of Interchange at Ch. 353+670 RHS Side (staging arrangement)
14	06.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3002	Submission of Design & Drawing of crash barrier with Friction slab to be placed over Reinforced Soil wall for VOP at Ch. 326+957 & 349+441
15	06.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3003	Submission of Design & Drawing Report of Box Culvert at Ch. 343+883 to be constructed at the location where GWSSB line is crossing through the Main Carriageway in the Main Carriageway in the Project Expressway
16	07.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3005	Scheduled visit of Hon'ble Minister of Road Transport and Highways, Shri Nitin Gadkari on 9th April,2021
17	07.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3006	Submission of Non- Discloser Agreement for the shifting of 400KV D/C SUGEN - PIRANA line of Torrent (OM Power)
18	07.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3007	Submission of revised Profile Drawing for approval for the shifting of 400KV DC Gandhar - Dehgam Line of PGCIL at Location 91 to 95 (OM Power)

Details of Letter Correspondence From IRCON to PIL

Sr.	Date	Letter Number	Subject
19	07.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3008	Failure of PSC Girder No. G-23 on Major Bridge at Km. 336+810 just after completion of Post Tensioning process
20	07.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3009	PSC GIRDER G-1 anchor head damaged during the post tensioning work at MJB at Ch. 336+810
21	07.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3010	Submission of Design & Drawing of L-Shaped Retaining Wall of total height of 9.0m for MNB at ch. 343+566
22	08.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3012	Wayside Amenities Construction Work Programme
23	08.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3013	Regarding Slow progress of Earthwork
24	08.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3014	1200 Hume Pipe Lot unloaded at Ch. 343+800 LHS without testing.
25	08.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3015	Submission of revised Profile Drawing for approval for the shifting of 400KV DC Gandhar - Dehgam Line of PGCIL at Location 91 to 95.(OM Power)
26	08.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3016	Submission of company profile and Credentials M/s SCM Nobel Agency for Source approval of Micro fibres (Product name – Anti Crack fibre) to be used for PQC works in Project Expressway.
27	08.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3017	Regarding hindered area due to Land Disputes
28	09.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3019	Submission of test report of Composite Steel Girder to be used to be used for VOP at Ch. 326+957
29	09.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3022	Curing of Deck Slab at MNB Ch. 343+666 RHS segment.
30	09.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3023	Submission of test report of PIN and Metallic Guided bearings for Interchange at Ch. 323+075 and MNB at Ch. 324+193 manufactured/tested by M/s Dynamic Prestress (P) Ltd, Nasik.
31	09.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3024	Submission of Test Results of Borrow Area No. 103 B, 103C, 78D, 78E, 140A, 106 and 106A
32	09.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3025	Submission of company profile of M/s S M Enterprises for Injecting Pressure Grouting along with Methodology to be used for rectifying cracks in Grider G-56 at MNB at ch. 343+566.
33	09.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3026	Breakage of PSC Grider no. 23 during stressing at MJB ch. 336+810.
34	10.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3031	Submission to Authority by IE the Monthly Inspection Report NO. 24 for February 2021 & Monthly Inspection Report No. 25 for March 2021 (Copy Enclosed)
35	12.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3037	Provision of Diversion Road for Construction of VOP at Ch. 326+957
36	12.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3039	Submission of test report and Plant Visit Report of factory visit of fuji Silvertch Concrete Pvt. Ltd. Precast Box Culvert Segments
37	12.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3041	Submission of Test Reports of POT-PTFE free Sliding Bearings for Flyover at Ch-344+383 conducted by Steel Auto Industries on 10.12.2020.
38	12.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3042	Submission of drawing and technical documents for ATMS & TMS at Toll Plaza location and compliance details of TMS and ATMS.
39	13.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3043	Programme of Inspection on the Project Highways for the month of April 2021.
40	13.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3044	Submission of Non-Disclosure Agreement for the Shifting of 400 KV D/C SUGEN - PIRANA Line of Torrent (OM Power)
41	13.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3045	Reg. Minutes of Project Progress Review Meeting dated 08.04.2021

Details of Letter Correspondence From IRCON to PIL

Sr.	Date	Letter Number	Subject
42	13.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3047	Improver Curing arrangements for PSC Girders and other structure works at Major Bridge at Ch. 336+810
43	13.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3048	Cutting of Diaphragm reinforcement of PSC Girder at Interchange at Ch. Km. 323+074.
44	15.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3053	Compliance Intimation for production of Paver block to be installed at WaySide Amenities in Project Expressway
45	16.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3056	Submission of revised profile for approval for the shifting of 400kv D/c Gandhar - Dehgam line of PGCIL at location 91 to 95 (OM POver)
46	16.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3057	Submission of Compliance Report of the Expressway projects
47	16.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3058	Approval of shifting work of 400kv Sugan-Pirana line between tower no.290-294 for vadodara Mumbai Expressways Package-II (OM Power)
48	16.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3061	Hinderances / Encumbrances of 351+300- Reg.
49	16.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3062	Hogging of PSC Girder after completion of Post Tensioning works at Major Bridge at Ch. 336+810
50	17.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3066	IE's Review Comments on Reinforced soil wall approach ramps for interchange at Ch. 353+670.
51	20.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3076	Unspecified / Unacceptable work at Interchange Flyover at Ch. 323+074
52	20.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3077	To check suitability of soil filling in the median for Plantation
53	20.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3078	Compliance regarding submission of Design & Drawing Report of Box Culvert at Ch. 343+883 to be constructed at the location where GWSSB line is crossing through the Main Carriageway in the Project Expressway.
54	22.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3083	Compliance on Intimation regarding production of Paver block to be used for Way Side Amenities in Project highway.
55	22.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3084	Submission of PQC Mix design with NUVOCO 43 Grade Cement and Micro Fiber.
56	22.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3085	Mismatch of alignment at interchange 323+087 between Pkg-II & Pkg-III.
57	23.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3087	Submission of Precast Box culvert drawing at 0+820 at Ramp-2 and 0+384 at Loop-3 (Interchange location 353+666.)
58	23.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3088	Compliance regarding submission of Design & Drawing Report of L Shaped Retaining Wall of total height of 9.0 m for MNB at Ch. 343+566
59	23.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3089	Good for Construction Drawing for Way Side Amenities
60	23.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3090	Submission of Design and Drawing of Precast Box Culvert at 0+582 (Ramp 1), 0+186 (Ramp 2), 0+345 (Ramp 4), 0+560 (Loop 3) and 0+640 (Ramp 3) at Interchange location at Ch. Km 353+666.
61	23.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3091	Submission of Revised Design and Drawing of Metallic Guide Bearing and PIN Bearing for Flyover at Ch. 344+383
62	26.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3096	Recommendation of Concessionaires Request for Extension of Time
63	26.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3097	Submission of Revised Drawing of Box Culvert at Ch. 0+830 at VOP Location at Ch. 349+441
64	26.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3099	Submission of MEP Layout for Electrical & Plumbing Works for Wayside Amenities at Ch. 346+060 and at Ch. 347+410

Details of Letter Correspondence From IRCON to PIL

Sr.	Date	Letter Number	Subject
65	26.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3100	Compliance Regarding submission of Shop Drawings of Strip Seal Type Expansion Joint for Interchange at Ch. 323+075 & MNB at Ch. 324+193 & at Ch. 330+640
66	26.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3105	Submission of bearing layout for proposed ROB between Padra - Bhaili Station at Km. 8/4-5 along Jambusar - Vishwamitri (VS-JMB) NG section of western Railways at Ch. 352+968 of Project Expressway.
67	27.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3106	Submission of Test Results of Borrow Area No. 100D, 100E, 107, 107A, 108, 108A, 104B & 104C
68	27.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3107	Permission for laying 24"OD x 2.25 WT MS LPG Pipeline along with OFC across proposed Vadodara Mumbai National Expressway
69	27.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3108	Breakage of PSC Girder No. 66 of span 42.20 m at Ch. - 336+810 Major Bridge during stressing (2nd incident)
70	27.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3109	Demand of Residents of Darpura village to provide 2 nos. Pipe Culverts at LVUP at Ch. 348+468 and VOP at Ch. 349+441
71	27.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3110	Testing of POT-PTFE free, PIN fixed & Metallic Guide Bearings for Interchange at Ch. 353+670 conducted by M/s Hercules Structural System Pvt. Ltd. (Test Report)
72	27.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3111	Demand of Residents of Sanpa village to provide 2 nos. Pipe Culverts at both side of LVUP at Ch. 325+769
73	28.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3116	Non Conformance Report (NCR) No. 23 & 24 (NCR 23 issued Reg. Piling work of Motel at Wayside Amenities Ch. 346+060 is going on without Initial Pile load test. Also the concreting of pile is being done without tremie. NCR 24 issued Reg. Piling work of Motel at Wayside Amenities Ch. 347+410 is going on without Initial Pile load test.)
74	28.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3117	Notification of Achievement of Project Milestone - III on 30.03.2021 as per Schedule -G of CA
75	28.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3118	Review of Monthly Progress Report for the month March, 2021 of the Concessionaire.
76	28.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3119	Submission of bearing layout for proposed ROB between Padra - Bhaili Station at Km- 8/4-5 along Jambusar - Vishwamitri (VS-JMB) NG section of western Railways at Ch. 352+968 of Project Expressway
77	28.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3120	Construction of Major Bridge at Ch. 336+810 and Way Side Amenities at Ch. 346+040 RHS & 347+410 LHS
78	29.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3124	Submission of Revised Highway Plan & Profile from Km. 323+000 to Km. 355+000
79	29.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3125	Submission of Bearing Layout for proposed between Padra - Bhayli stations at Km 8/4-5 along Jambusar - Vishwamitri (VS-JMB) NG section of Western Railways at Ch. 352+968
80	29.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3126	Processing of IPC-23
81	29.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3127	Extension of Time.
82	29.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3128	Submission of Company profile & credentials of HAQ Steels & Metalics Ltd for Source approval of TMT Bars to be used in Project Highway.

Details of Letter Correspondence From IRCON to PIL

Sr.	Date	Letter Number	Subject
83	29.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3129	Submission of company profile of M/s Tube Investment of India Pvt Ltd (Murugappa group) for source approval of TMT Bars (Product name -TI Macho TMT Bars) to be used in Project Highway.
84	30.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3136	Quality and Workmanship of ongoing works in the project

Status of Non Conformance Report (NCR)

Annexure 6

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

Status of Non Conformance Report (NCR)

Annexure 6

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

Status of Non Conformance Report (NCR)

Annexure 6

Date	Ircon Letter	Subject	Date	PIL Letter	Subject	Date	Ircon Letter	Subject	Status
03.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2839	Non Conformance Report (NCR) No. 20 (Reg. Metal beam crash barrier erection still under progress at Ch. 339+850 to 340+150 in Shoulder RHS without source Approval & ignoring IE's Instruction. IE has already issued NCR no 19 for same work in median at ch. 339+850 to 339+950 RHS which yet not closed)							Pending
27.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2967	Non Conformance Report (NCR) No. 21 (Mix design from concrete done , No test has been conducted at site)							Pending
30.03.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 2974	Non Conformance Report (NCR) No. 22. (Pin & Guided Bearing are not placed as per location mentioned in GFC drawing for Span - 01(A1-P1) LHS at IC Flyover Ch. 353+670)							Pending
28.04.2021	IRCON/ 3019/ VKE/ PATEL / 1003/ 3116	Non Conformance Report (NCR) No. 23 & 24 (NCR 23 issued Reg. Piling work of Motel at Wayside Amenities Ch. 346+060 is going on without Initial Pile load test. Also the concreting of pile is being done without tremie. NCR 24 issued Reg. Piling work of Motel at Wayside Amenities Ch. 347+410 is going on without Initial Pile load test.)							Pending

MONTHLY WEATHER REPORT

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

For The Month of April-2021

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

S. No.	DATE	TEMPRATURE (°C)		HUMIDITY (%)		RAINFALL (mm)	CUMM. RAINFALL (mm)	WEATHER	REMARKS
		Min.	Max.	Min.	Max.				
1	01-Apr-21	28.70	36.40	31.00	68.00	-	-	Sunny	
2	02-Apr-21	27.50	36.60	48.00	72.00	-	-	Sunny	
3	03-Apr-21	27.20	37.60	38.00	72.00	-	-	Sunny	
4	04-Apr-21	26.40	37.90	42.00	76.00	-	-	Sunny	
5	05-Apr-21	26.10	38.20	10.00	42.00	-	-	Sunny	
6	06-Apr-21	26.40	38.80	15.00	54.00	-	-	Sunny	
7	07-Apr-21	26.00	38.20	12.00	32.00	-	-	Sunny	
8	08-Apr-21	28.20	38.40	10.00	28.00	-	-	Sunny	
9	09-Apr-21	28.60	38.20	14.00	29.00	-	-	Sunny	
10	10-Apr-21	27.90	38.30	12.00	42.00	-	-	Sunny	
11	11-Apr-21	28.10	38.20	15.00	48.00	-	-	Sunny	
12	12-Apr-21	27.80	37.60	10.00	32.00	-	-	Sunny	
13	13-Apr-21	27.40	37.40	22.00	54.00	-	-	Sunny	
14	14-Apr-21	28.20	38.10	15.00	34.00	-	-	Sunny	
15	15-Apr-21	28.80	38.40	10.00	28.00	-	-	Sunny	
16	16-Apr-21	27.60	37.20	18.00	38.00	-	-	Sunny	
17	17-Apr-21	26.50	36.90	16.00	42.00	-	-	Sunny	
18	18-Apr-21	26.60	37.40	14.00	48.00	-	-	Sunny	
19	19-Apr-21	26.40	37.20	10.00	52.00	-	-	Sunny	
20	20-Apr-21	26.80	37.40	20.00	58.00	-	-	Sunny	
21	21-Apr-21	27.50	36.30	18.00	52.00	-	-	Sunny	
22	22-Apr-21	27.30	36.80	10.00	34.00	-	-	Sunny	
23	23-Apr-21	28.40	36.30	22.00	68.00	-	-	Sunny	
24	24-Apr-21	27.80	36.50	24.00	69.00	-	-	Sunny	
25	25-Apr-21	26.60	37.40	10.00	45.00	-	-	Sunny	
26	26-Apr-21	26.80	38.10	12.00	48.00	-	-	Sunny	
27	27-Apr-21	27.00	38.30	10.00	42.00	-	-	Sunny	
28	28-Apr-21	27.20	38.20	15.00	45.00	-	-	Sunny	
29	29-Apr-21	27.40	38.60	10.00	39.00	-	-	Sunny	
30	30-Apr-21	28.10	38.20	21.00	58.00	-	-	Sunny	

Cummulative Rainfall Till Date

mm

EPC Representative

Concessionaire Representative

IE Representative

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

Client National Highways Authority of India
 Concessionaire Ircon 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 30th April-2021
(ROUTINE QUALITY CONTROL TEST IN PACKAGE-II LABORATORY)

S. No.	Description	Frequency of Tests	Reference clause of test frequency	Quantity upto previous month	Quantity during Month	Upto Date quantity	Unit of Quantity	Total No of tests upto previous month			No. of tests during the month			Total No of upto date test			Test Witnessed by IE	Remarks
								Tested	Passed	Failed	Tested	Passed	Failed	Tested	Passed	Failed		
1.0 Tests on Borrow areas for Embankment and Subgrade								38016	37948	68	566	566	2	38582	38514	70	113	
1.1	FSI	1 test /1500 m ³	Mutually Agreed	9468213.2	51000.00	9519213.2	Cum	6327	6327	0	34	34	0	6361	6361	0	7	
1.2	Grain Size Analysis	1 test /1500 m ³	Mutually agreed				Cum	6327	6327	0	34	34	0	6361	6361	0	7	
1.3	LL / PL / PI	1 test /1500 m ³	Morst&h Clause 903.2.1				Cum	6327	6327	0	34	34	0	6361	6361	0	7	
1.4	MDD / OMC	1 test /1500 m ³	Morst&h Clause 903.2.1				Cum	6327	6327	0	34	34	0	6361	6361	0	7	
1.5	CBR Test	1 test /3000 m ³	Morst&h Clause 903.2.1				Cum	948	889	59	0	0	0	948	889	59	0	
1.6	Field Density (Emb. Layer)	1 test /3000 m ²	Morst&h Clause 903.2.2	29036788.9	695076.8	29731865.7	Sqm	10035	10031	4	270	270	2	10305	10301	6	54	173769.21 m ³
1.7	Field Density (Sub. Layer)	1 Set /2000 m ²	Morst&h Clause 903.2.3	2799200.0	174751.9	2973951.9	Sqm	1677	1672	5	102	102	0	1779	1774	5	20	43687.97 m ³
1.8	Field Density (Shoulder)	1 Set /2000 m ²	Morst&h Clause 903.2.3	81104.2	76512.0	157616.2	Sqm	48	48	0	58	58	0	106	106	0	12	
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								1261	1256	5	55	55	0	1316	1311	5	11	
3.1	FSI	1 test /1500 m ³	Mutually Agreed	259500.0	0.00	259500.0	Cum	173	173	0	0	0	0	173	173	0	0	
3.2	Grain Size Analysis	1 test /1500 m ³	Mutually agreed				Cum	173	173	0	0	0	0	173	173	0	0	
3.3	LL / PL / PI	1 test /1500 m ³	Morst&h Clause 903.2.1				Cum	173	173	0	0	0	0	173	173	0	0	
3.4	MDD / OMC	1 test /1500 m ³	Morst&h Clause 903.2.1				Cum	173	173	0	0	0	0	173	173	0	0	
3.5	Field Density (Emb. Layer)	1 test /3000 m ²	IRC SP 102, Cl. 4.2				819450.0	95000.00	914450.0	Sqm	569	564	5	55	55	0	624	619

MONTHLY QUALITY CONTROL AND ASSURANCE STATEMENT UPTO 30th April-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)								5489	5489	0	190	190	0	5679	5679	0	38				
4.1	Gradation	1 test /400 m ³	Morth Cl. 903.3.3.1	199099	10819.33	209918.33	cum	958	958	0	42	42	0	1000	1000	0	8				
4.2	LL / PL / PI	1 test /400 m ³	Morth Cl. 903.3.3.1				cum	922	922	0	42	42	0	964	964	0	8				
4.3	MDD/OMC	As required	Mutually Agreed				cum	42	42	0	0	0	0	42	42	0	0				
4.4	CBR test	As required	Morth Cl. 903.3.3.1				cum	8	8	0	0	0	0	8	8	0	0				
4.5	10 Percent fine value	1 per Batch	Mutually Agreed				cum	2	2	0	0	0	0	2	2	0	0				
4.6	Field Density	1 test /1000 m ²	Morth Cl. 903.3.3.1	1327326.7	72128.8667	1399455.57	Sqm	3557	3557	0	106	106	0	3663	3663	0	21				
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	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	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	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	0	
5.5	Water Absorption	As required	Mutually Agreed				Cum	0	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	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	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	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	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	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	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	0	
7.0 Fine Aggregate(Sand for Concrete)								1326	1326	0	68	68	0	1394	1394	0	14				
7.1	Sieve Analysis (Gradation)	1 test per subplot divided	IS 2386 (Part-1) Mort&h C-1008				MT	651	651	0	30	30	0	681	681	0	6				
7.2	Material passing 75 micron (Silt Content)	1 test per subplot divided	IS 2386 (Part-1)Mort&h C-1008				MT	651	651	0	30	30	0	681	681	0	6				
7.3	Water absorption	1 test per subplot divided	IS 2386 (Part-3)Mort&h C-1008				MT	12	12	0	4	4	0	16	16	0	1				
7.4	Specific gravity (SSD)	1 test per subplot divided	IS 2386 (Part-3)Mort&h C-1008				MT	12	12	0	4	4	0	16	16	0	1				
8.0 Coarse Aggregate(For Concrete)								1385	1385	0	102	102	0	1487	1487	0	20				

MONTHLY QUALITY CONTROL AND ASSURANCE STATEMENT UPTO 30th April-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		
8.1	Sieve Analysis (Gradation)	1 test per subplot divided	IS 2386 (Part-1)Mort&h C-1007				MT	652	652	0	30	30	0	682	682	0	6	
8.2	Aggregate Impact Value	1 test per subplot divided	IS 2386 (Part-4)Mort&h C-1007				MT	357	357	0	30	30	0	387	387	0	6	
8.3	Flakiness Index.	1 test per subplot divided	IS 2386 (Part-1)Mort&h C-1007				MT	358	358	0	30	30	0	388	388	0	6	
8.4	Specific gravity (SSD)	1 test per subplot divided	IS 2386 (Part-3)Mort&h C-1007				MT	9	9	0	4	4	0	13	13	0	1	
8.5	Water absorption	1 test per subplot divided	IS 2386 (Part-3)Mort&h C-1007				MT	9	9	0	4	4	0	13	13	0	1	
8.6	Los Angeles Abrasion Value	1 test per subplot divided	IS 2386 (Part-4)Mort&h C-1007				MT	0	0	0	0	0	0	0	0	0	0	
8.7	Material passing 75 micron	1 test per subplot divided	IS 2386 (Part-1)Mort&h C-1007				MT	0	0	0	4	4	0	4	4	0	1	
9.0 Cement								2454	2454	0	184	184	0	2638	2638	0	37	
	Physical Tests																	
9.1	Standard Consistency Test	1 test per lot	IS 4031 (Part-4)Mort&h C-1006				MT	410	410	0	34	34	0	444	444	0	7	
9.2	Soundness Test	1 test per lot	IS 4031 (Part-3)Mort&h C-1006				MT	0	0	0	0	0	0	0	0	0	0	
9.3	Setting time Test	1 test per lot	IS 4031 (Part-6) Mort&h C-1006				MT										0	
	(a) Initial Setting time						MT	410	410	0	34	34	0	444	444	0	7	
	(b) Final Setting Time						MT	410	410	0	34	34	0	444	444	0	7	
9.4	Compressive Strength Test	1 test per lot	IS 4031 (Part-5)Mort&h C-1006				MT										0	
	(A) 72+ 1 Hr. strength						MT	433	433	0	25	25	0	458	458	0	5	
	(b) 168 + 2 Hr. strength						MT	402	402	0	27	27	0	429	429	0	5	
	(c) 672 + 4 Hr. strength						MT	389	389	0	30	30	0	419	419	0	6	
10.0 Site Concrete								35504	35504	0	1868	1868	0	37372	37372	0	374	
10.1	Grouting	Frequency according to table 1700-8	As per Morth 1716.2.4				Cum											
	7 days compressive strength						Cum	67	67	0	7	7	0	74	74	0	0	
	28 days compressive strength						Cum	166	166	0	60	60	0	226	226	0	0	
10.2	M 15 Grade	Frequency according to table 1700-8	As per Morth 1716.2.4				Cum											
	7 days compressive strength						Cum	0	0	0	0	0	0	0	0	0	0	
	28 days compressive strength						Cum	0	0	0	0	0	0	0	0	0	0	
10.3	M 20 Kerb	Frequency according to table 1700-8	As per Morth 1716.2.4		260.000		Cum											
	7 days compressive strength						Cum	90	90	0	15	15	0	105	105	0	3	
	28 days compressive strength						Cum	183	183	0	3	3	0	186	186	0	1	

MONTHLY QUALITY CONTROL AND ASSURANCE STATEMENT UPTO 30th April-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		
10.4	M 20 Grade	Frequency according to table 1700-8	As per Morth 1716.2.4		5206.32		Cum											
	7 days compressive strength						Cum	1907	1907	0	143	143	0	2050	2050	0	29	
	28 days compressive strength						Cum	3584	3584	0	406	406	0	3990	3990	0	81	
10.5	M 25 Grade	Frequency according to table 1700-8	As per Morth 1716.2.4		217.20		Cum											
	7 days compressive strength						Cum	5	5	0	22	22	0	27	27	0	4	
	28 days compressive strength						Cum	9	9	0	37	37	0	46	46	0	7	
10.6	M 30 Grade	Frequency according to table 1700-8	As per Morth 1716.2.4		1011.93		Cum											
	7 days compressive strength						Cum	1262	1262	0	73	73	0	1335	1335	0	15	
	28 days compressive strength						Cum	3746	3746	0	189	189	0	3935	3935	0	38	
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	1040	1040	0	0	0	0	1040	1040	0	0	
	28 days compressive strength						Cum	5354	5354	0	0	0	0	5354	5354	0	0	
10.7	M 35 RE	Frequency according to table 1700-8	As per Morth 1716.2.4		1017.90		Cum											
	7 days compressive strength						Cum	161	161	0	7	7	0	168	168	0	1	
	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		636.00		Cum											
	7 days compressive strength						Cum	1784	1784	0	19	19	0	1803	1803	0	4	
	28 days compressive strength						Cum	6445	6445	0	104	104	0	6549	6549	0	21	
10.8	M 40 Grade	Frequency according to table 1700-8	As per Morth 1716.2.4		1038.000		Cum											
	7 days compressive strength						Cum	329	329	0	41	41	0	370	370	0	8	
	28 days compressive strength						Cum	754	754	0	108	108	0	862	862	0	22	
10.9	M 45 Grade	Frequency according to table 1700-8	As per Morth 1716.2.4		158.300		Cum											
	7 days compressive strength						Cum	219	219	0	13	13	0	232	232	0	3	
	28 days compressive strength						Cum	696	696	0	15	15	0	711	711	0	3	

MONTHLY QUALITY CONTROL AND ASSURANCE STATEMENT UPTO 30th April-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		
10.10	M 50 Grade	Frequency according to table 1700-8	As per Morth 1716.2.4		502.000		Cum											
	7 days compressive strength						Cum	127	127	0	17	17	0	144	144	0	3	
	28 days compressive strength						Cum	383	383	0	55	55	0	438	438	0	11	
10.11	M 55 Grade	Frequency according to table 1700-8	As per Morth 1716.2.4		290.000		Cum											
	7 days compressive strength						Cum	3	3	0	10	10	0	13	13	0	2	
	28 days compressive strength						Cum	4	4	0	38	38	0	42	42	0	8	
10.12	DLC Concrete	3 samples per 1000 sqm	As per Morth 903.5.1.1	171870.00	5004.63	176874.63	Cum											
	7 days compressive strength						Cum	1052	1052	0	53	53	0	1105	1105	0	11	
	Insitu Density						Cum	1805	1805	0	53	53	0	1858	1858	0	11	
10.13	PQC Grade Concrete	3 cubes and 3 beams per 150 cum or Min 6 cubes or 6 beams per day	As per Morth 1716.2.4	212015.00	18938.31	230953.31	Cum											
	7 days compressive strength						Cum	415	415	0	43	43	0	458	458	0	9	
	28 days compressive strength						Cum	1447	1447	0	147	147	0	1594	1594	0	29	
10.14	7 days flexural strength						Cum	416	416	0	43	43	0	459	459	0	9	
	28 days flexural strength						Cum	1447	1447	0	147	147	0	1594	1594	0	29	
11.0 Slump Test								3325	3325	0	1291	1291	0	4616	4616	0	258	
11.1	M 10 Grade	1 test(on composite samples) per each mixture unit	As per IS 1199 cl. 3.2 and 3.3				Cum											
	Slump test at Site						Cum	0	0	0	0	0	0	0	0	0	0	
	Slump test at Plant						Cum	0	0	0	0	0	0	0	0	0	0	
11.2	M 15 Grade	1 test(on composite samples) per each mixture unit	As per IS 1199 cl. 3.2 and 3.3				Cum											
	Slump test at Site						Cum	0	0	0	0	0	0	0	0	0	0	
	Slump test at Plant						Cum	0	0	0	0	0	0	0	0	0	0	
11.3	M 20 Grade	1 test(on composite samples) per each mixture unit	As per IS 1199 cl. 3.2 and 3.3				Cum											
	Slump test at Site						Cum	193	193	0	80	80	0	273	273	0	16	
	Slump test at Plant						Cum	193	193	0	80	80	0	273	273	0	16	
11.4	M 25 Grade	1 test(on composite samples) per each mixture unit	As per IS 1199 cl. 3.2 and 3.3				Cum											
	Slump test at Site						Cum	0	0	0	15	15	0	15	15	0	3	
	Slump test at Plant						Cum	0	0	0	15	15	0	15	15	0	3	
11.5	M 30 Grade	1 test(on composite samples) per each mixture unit	As per IS 1199 cl. 3.2 and 3.3				Cum											
	Slump test at Site						Cum	158	158	0	60	60	0	218	218	0	12	

MONTHLY QUALITY CONTROL AND ASSURANCE STATEMENT UPTO 30th April-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		
	Slump test at Plant	each mixture unit					Cum	158	158	0	60	60	0	218	218	0	12	
11.6	M 35 Grade	1 test(on composite samples) per each mixture unit	As per IS 1199 cl. 3.2 and 3.3				Cum											
	Slump test at Site						Cum	258	258	0	58	58	0	316	316	0	12	
	Slump test at Plant						Cum	258	258	0	58	58	0	316	316	0	12	
11.7	M 40 Grade	1 test(on composite samples) per each mixture unit	As per IS 1199 cl. 3.2 and 3.3				Cum											
	Slump test at Site						Cum	147	147	0	70	70	0	217	217	0	14	
	Slump test at Plant						Cum	147	147	0	70	70	0	217	217	0	14	
11.8	M 45 Grade	1 test(on composite samples) per each mixture unit	As per IS 1199 cl. 3.2 and 3.3				Cum											
	Slump test at Site						Cum	111	111	0	25	25	0	136	136	0	5	
	Slump test at Plant						Cum	111	111	0	25	25	0	136	136	0	5	
11.9	M 50 Grade	1 test(on composite samples) per each mixture unit	As per IS 1199 cl. 3.2 and 3.3				Cum											
	Slump test at Site						Cum	101	101	0	35	35	0	136	136	0	7	
	Slump test at Plant						Cum	101	101	0	35	35	0	136	136	0	7	
11.10	PQC Grade Concrete	1 test per per each dumper	As per Morth Cl. 904.5.2.4 (Table-900-6)				Cum											
	Slump test at Site						Cum	585	585	0	285	285	0	870	870	0	57	
	Slump test at Plant						Cum	585	585	0	285	285	0	870	870	0	57	
11.11	Texture Depth Test	Per day 5 Measurements	As per MORT&H Cl. 602.9.8.4					219	219	0	35	35	0	254	254	0	7	
Total Tests								92846	92765	81	4324	4324	2	97170	97089	83	865	
Total Laboratory tests								70574	70510	64	2526	2526	0	73100	73036	64	505	
Total Field Tests								22272	22255	17	1798	1798	2	24070	24053	19	360	

XI. ACCIDENT REPORT

Annexure XI

Month : April 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



Flyover 344+383



MJB 336+810



Interchange 323+074



Interchange 353+666



Girder casting 336+810

KIM



VADODARA

VUP
@ Km 331+822

RE wall VUP 331+822



ROB
@ Km 352+946

ROB 352+946 Steel Girder assembling work



352+946 ROB steel girder assembling work



352+946 ROB RP1 Pier cap concrete pouring



353+666 Interchange RP6 End X Girder concrete Pouring



Retaining Wall Final Lift concrete Pouring 353+165 to 353+185



Slope Dressing work at km 350



DLC laying at ch 331



DLC 327



GSB 325+300



Precast U Drain Placing 331



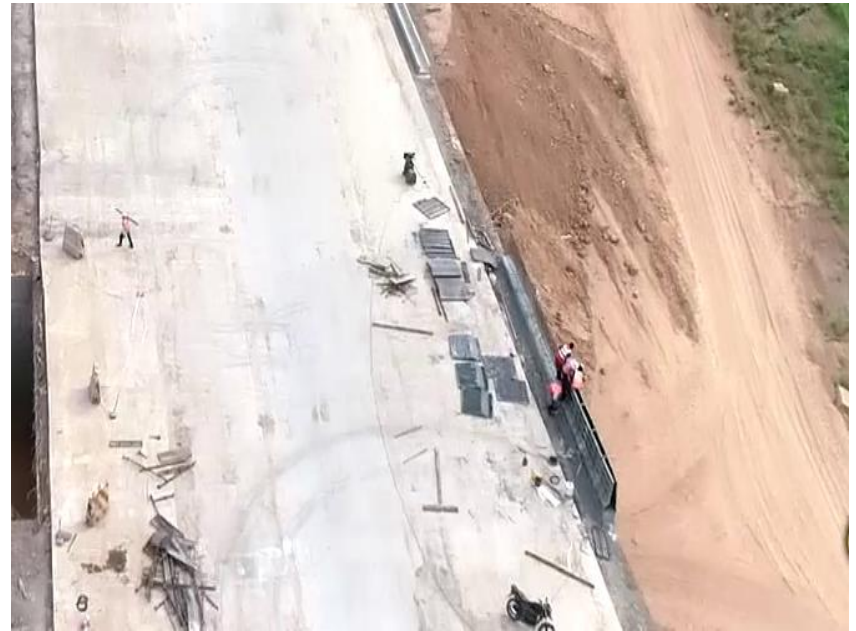
Slope Protection by Coir Mate technology 342 to 343



Chute drain, toe drain, Fencing and Slope Protection 346



MBCB Laying 339



Crash Barrier shuttering work 336+020 CUP



PQC Laying 350+295 to 350+740 LHS shoulder



PQC Laying 350+295 to 350+740 LHS shoulder



PQC Laying 350+295 to 350+740 LHS shoulder



PQC Laying surface 350+295 to 350+740 LHS



PQC 340



PQC 345



Shuttering Work for Slab at MNB 350+201



Shuttering work for Slab at MNB 354+636