

MONTHLY PROGRESS REPORT

NOVEMBER - 2020



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

Concessionaire: IVKEL



IRCON INTERNATIONAL LIMITED

(A Government of India Undertaking)

EPC Contractor:

PATEL INFRASTRUCTURE LIMITED

PATEL HOUSE, CHANNI, VADODARA



Every Milestone is Our Value

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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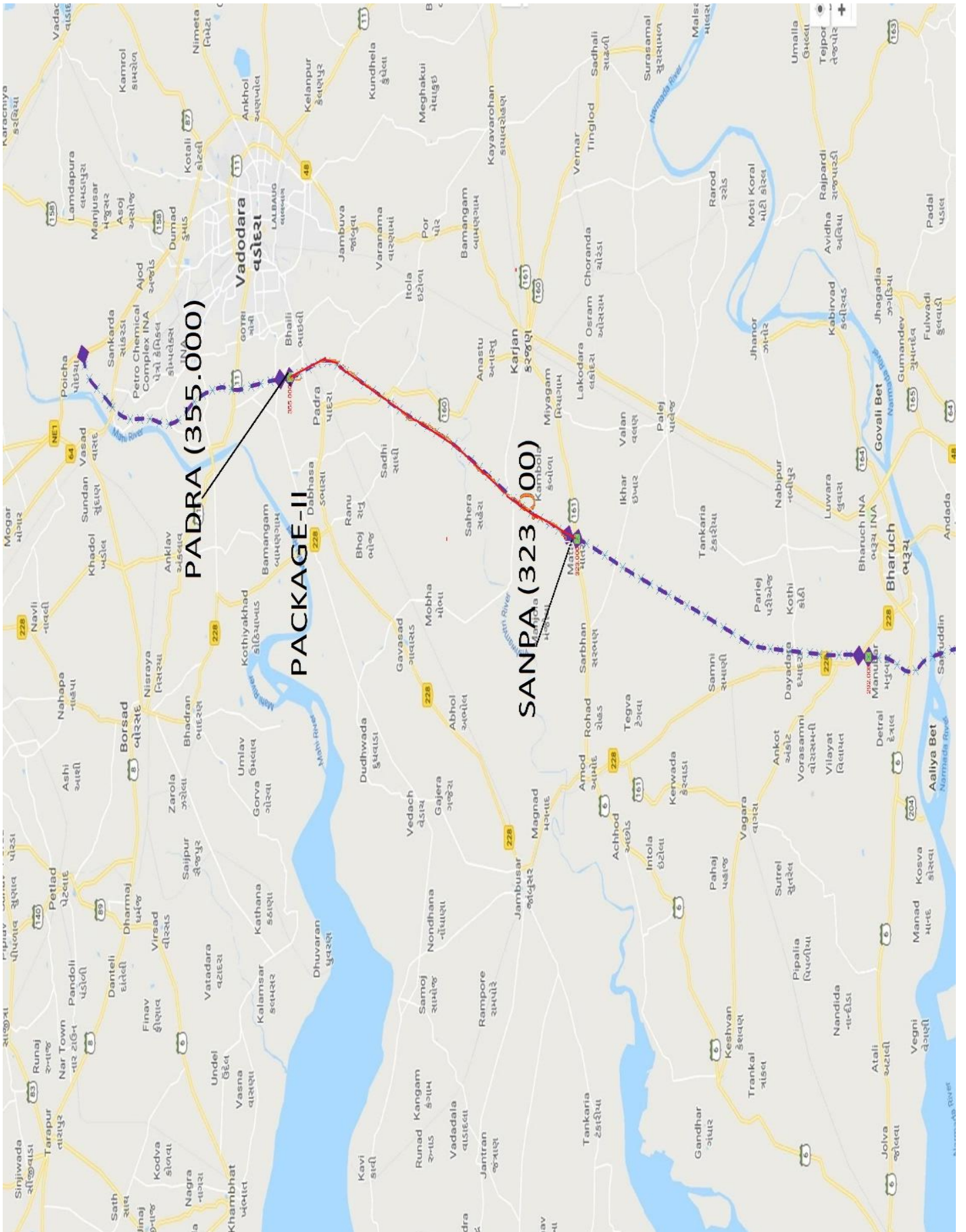
Construction of Eight lane Vadodara Kim Expressway from Km 323.00 to Km 355.00
 National Highway Authority of India (NHDP Phase VI)
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I. LOCATION PLAN & KEY PLAN

A. Key plan of Expressway



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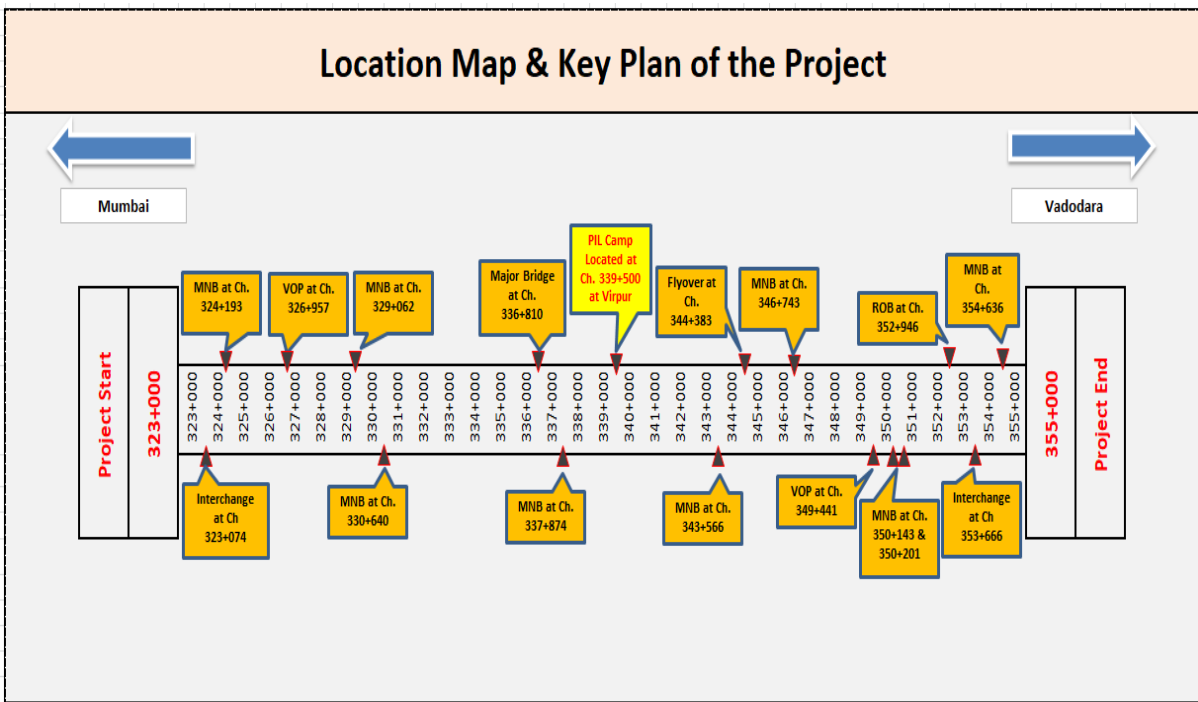


Monthly Progress Report- November 2020

Patel Infrastructure Limited

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

B. KEY PLAN OF PROJECT



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

II. EXECUTIVE SUMMARY

A. Project Synopsis

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

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

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

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

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

This report covers the progress for the month of November 2020. The Embankment work of the main carriageway has been continued and 30.10 Km out of 30.52 Km is in progress. The Executive summary of the reporting month is as shown below.

Executive Summary of the Project		
Sl. No	Key Reporting Metrics	Value%/Amount
1	Cumulative Scheduled Physical Progress (%)	63.95%
2	Cumulative Achieved Physical Progress up to Current month (%)	55.80%
3	Physical progress target during current month (%)	7.03%
4	Physical progress achieved during current month (%)	2.98%
5	Cumulative Achieved Financial Progress up to Current month (%)	37.01%

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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	Date of Milestone as per CA	Achieved Date of Milestone	Remarks
1	Milestone - 1	20%	30/06/2019	27/09/2019 (Achieved)	
2	Milestone – 2	35%	27/12/2019	25/01/2020 (Achieved)	IRCON Letter No 1540, dt 14.04.2020
3	Milestone – 3	75%	25/04/2020	28.02.2021 (Proposed)	
4	Milestone – 4	100%	01/12/2020	14.08.2021 (Proposed)	

Construction of Eight lane Vadodara Kim Expressway from Km 323.00 to Km 355.00
National Highway Authority of India (NHDP Phase VI)
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B. Details of Typical Cross section

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

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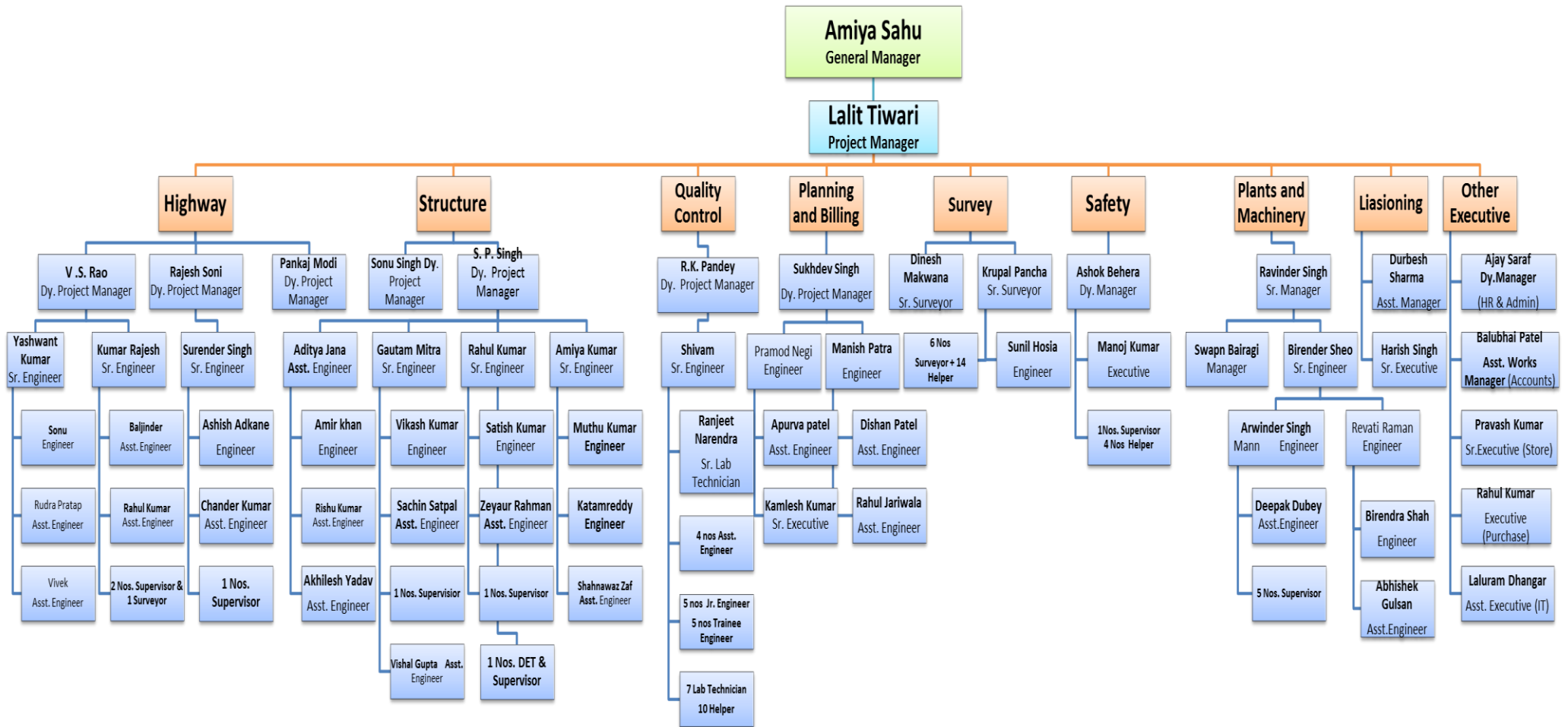
C. Details of MCW:

Sr. No.	Description	Length (in Km)
1	Embankment	30.52 Km
2	Sub grade	30.52 Km
3	GSB	30.52 Km
4	DLC	30.52 Km
5	PQC	30.52 Km

D. Details of Structures:

S. No.	Type of Structure	Details
1	Major Bridge	01 Nos. – (6X42.20mtr)
2	Flyover	01 Nos. (1X22.627+1X42.065+1X22.627mtr)
3	Interchange	02 Nos. (1X16.9+1X47.2+1X16.9mtr) & (1x48.2+2x (25+25+25.788mtr), [1x48.2+2(25.0+25.0+25.788)mtr]
4	ROB	01 Nos. – (2X37.20mtr)
5	Minor bridges	09 Nos.
6	Vehicular underpass	05 Nos. – (1X12mtr)
7	Light Vehicular Underpasses	08 Nos. – (1X12mtr)
8	Culverts (HP/BC)	94 Nos. (42 Nos. Pipe / 52 Nos. Box)
9	CUP	34 Nos. (1X12mtr)
10	Vehicular Overpass	02 Nos. – (2x48.221 mtr, 2X41.350mtr)
Total		157

E. ORGANIZATION CHART



F. Details of Plant and Machinery Deployed:

Plant and Machinery Monthly Deployment Status						
Sl. No	Equipment	Unit	Avg. Planned	Actual Deployed	Working Status	Remarks
1	Back Hoe Loader	Nos	11	22	22 Working	
2	Excavator	Nos	19	37	33 Working, 4 Idle	Borrow areas are still filled with rain water
3	Motor Grader	Nos	19	28	22 Working, 6 Idle	
4	Vibratory Roller/Soil Compactor	Nos	19	39	26 Working, 13 Idle	
5	Wet Mix Paver	Nos	0	0	Working	
6	Wet Mix Plant	Nos	0	1	Working	
7	DLC Paver	Nos	0	1	Working	
8	PQC Paver	Nos	0	2	Working	
9	Hot Mix Plant	Nos	0	0		
10	Bitumen Paver	Nos	0	0		
11	Bitumen Sprayer	Nos	0	0		
12	Broomer	Nos	0	0		
13	Tandem Roller	Nos	3	3	Working	
14	Pneumatic Tyre Roller	Nos	0	0		
15	Dumpers/Tipper	Nos	86	148	110 Working, 38 Idle	Borrow areas are still filled with rain water
16	FE Loaders/Dozer	Nos	5	10		
17	Water Tanker	Nos	19	48	Working	
18	Compressor	Nos	0	0		
19	Concrete Batching Plant	Nos	1	10	CP-45 (2),CP-18, CP-65, CP-115, H6N240,CP-250,CP-30(3)	
20	Transit Mixers	Nos	9	40	25 Nos. working	
21	Concrete Pump + Boom placer	Nos	2	3	Working	
22	Kerb Machine	Nos	1	1	Working	
23	Crusher - 250 MT	Nos	1	1	Working	
24	Weigh Bridge	Nos	4	2	Working	
25	Tractor	Nos	3	10	Working	
26	Diesel Tanker	Nos	2	5	Working	
27	Tempo	Nos	3	3	Working	
28	Tower Light	Nos	4	8	Working	
29	Hydra Crane	Nos	2	6	Working	
30	Vibratory Rammer	Nos	2	2	Working	
31	Dewatering Pump (Portable)	Nos	5	7	Working	
32	Baby Roller	Nos	2	2	Working	
33	Trailer / Platform Truck	Nos	1	6	Working	
34	Vibrator (Needle Type)	Nos	4	12	Working	
35	Kerb Cutter	Nos	2	2	Working	
36	Pile Boring machines	Nos.	6	4	Working	

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G. Details of Applicable Permits:

Status of Applicable Permits (As per Schedule F) As on 30.11.2020

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

Construction of Eight lane Vadodara Kim Expressway from Km 323.00 to Km 355.00
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IV. Project Progress

A. Physical Progress:

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

The physical percentage achieved is 55.80% as on 30.11.2020.

Given below is the summary of status of the works executed as 30.11.2020

B. Highway Progress:

Sr. No.	Item	Unit	Scope of work	Completed	Work in Progress	Balance work
1	C & G	Km	30.52	30.10	0	0.42
2	Embankment	Km	30.52	23.60	6.40	0.52
3	Sub grade	Km	30.52	16.64	1.300	12.62
4	GSB	Km	30.52	12.80	0.900	16.82
5	DLC	Km	30.52	10.4	0.300	19.82
6	PQC	Km	30.52	5.03	0.860	24.63

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

A. Structure Progress:

SR.No	Type Of Structure	Total No. of Structure as per CA	Completed Structure	No of Work in progress of structure	Structure To be Taken.	Remarks
1	HPC	42	42	0	0	1.) Pipe laid in 80 (m) length, Pipe extension is in progress, Both side chambers yet to start.
2	BOX Culvert	52	29	14	9	1.) Foundation-41 Nos. completed 2.) Substructure-32 Nos. completed 3.) Structure taken up for connecting roads, ramps & loops in progress
3	Flyover	1	0	1	0	1.) Foundation-8 Nos. completed 2.) Substructure-7 Nos. completed 3.) Girder-21 No. completed
4	ROB	1	0	1	0	1.) Pile-80Nos. Completed 2.) Pile Cap- 4 Nos. Complete
5	MJB	1	0	1	0	1.) Pile-224 Nos. completed 2.) Foundation-12 Nos. completed 3.) Substructure- 3 Nos. Pier/abt. Shaft Completed 4.) Girder-15 Nos. Done
6	MNB	9	3	6	0	Box Type 1.) Foundation-4 Nos. completed 2.) Substructure-3 Nos. completed 3.) Superstructure-3 Nos. completed 4.) Girder-All completed

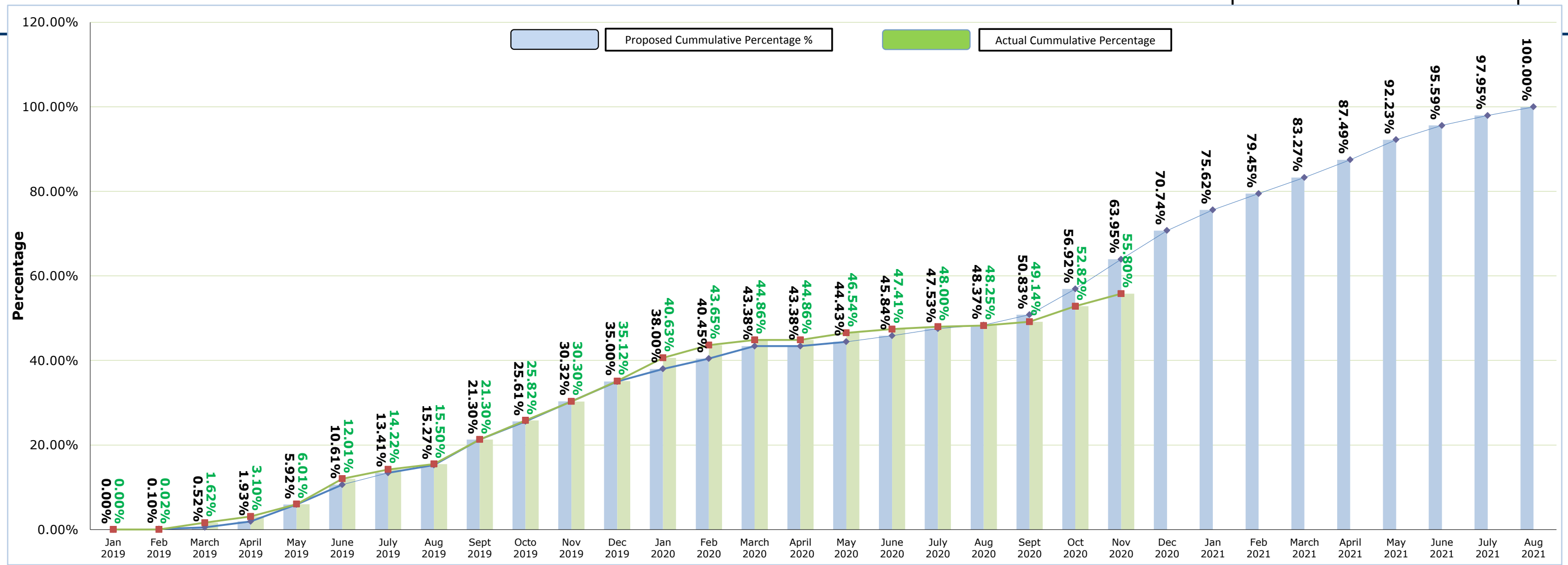
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						Retaining wall started Pile Type 1.) Foundation-All completed 2.) Substructure - In progress 3.) Girder-136 Nos. completed
7	Interchange	2	0	2	0	At Location 323+074 1.) Foundation-8 Nos. completed 2.) Substructure-8 Nos. completed 3.) Girder-38 Nos. completed At Location 353+666 1.) Foundation-16 Nos. completed 2.) Substructure-16 Nos. completed 3.) Girder-80 Nos. completed
8	VOP	2	0	2	0	At Location 349+441 1.) Foundation- completed 2.) Substructure- completed Girder- 4 Nos. completed At Location 326+957 3.) Foundation-3 Nos. completed 4.) Substructure- 1 completed
9	LVUP	8	7.5	0.5	0	1.) Foundation-8 Nos. completed 2.) Substructure-8 Nos. completed 3.) SuperStructure-7.5 Nos. complete RE wall and crash barrier work in progress
10	VUP	5	4	1	0	1.) Foundation-5Nos. completed 2.) Substructure-5Nos. completed 3.) Super structure-4 Nos. complete RE wall and crash barrier work in progress
11	PUP/CUP	34	31	3	0	1.) Foundation-34 Nos. completed 2.) Substructure-34 Nos. completed 3.) Super structure-32.5 Nos. Completed RE wall and crash barrier work in progress of 14 structures.
Total		157	116.5	31.5	9	
1	Utility Duct		61	61	0	1) Utility duct in 75m Length Completed, Extension is in progress

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

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S- Curve (Physical Progress for Project Milestone)



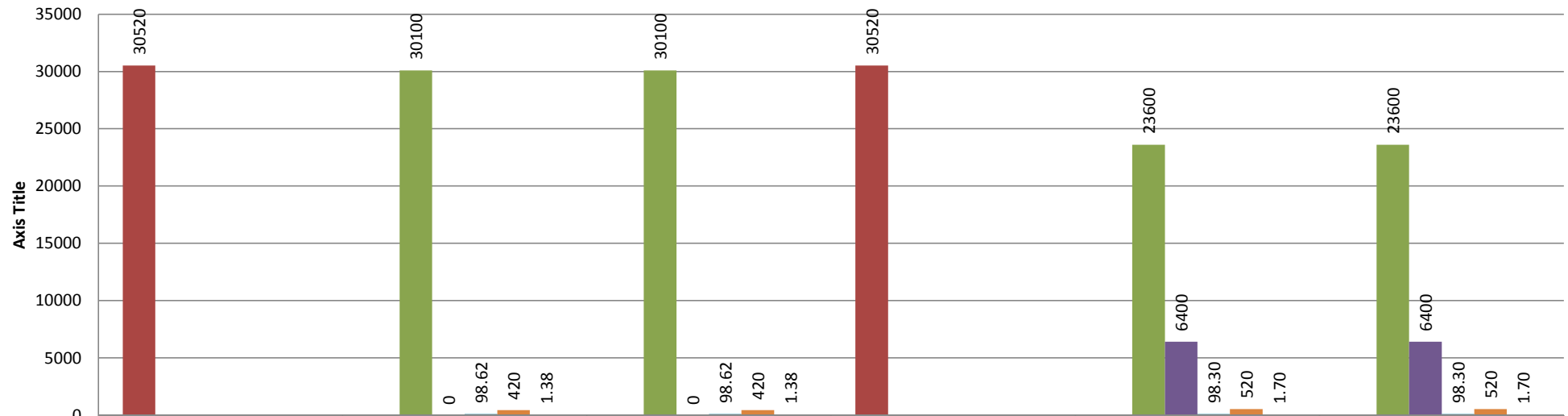
	MS-I									MS-II									MS-III								MS-IV					
	Jan 2019	Feb 2019	March 2019	April 2019	May 2019	June 2019	July 2019	Aug 2019	Sept 2019	Octo 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020	March 2020	April 2020	May 2020	June 2020	July 2020	Aug 2020	Sept 2020	Oct 2020	Nov 2020	Dec 2020	Jan 2021	Feb 2021	March 2021	April 2021	May 2021	June 2021	July 2021	Aug 2021
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%	52.82%	55.80%									

Highway Bar Chart

30.11.2020

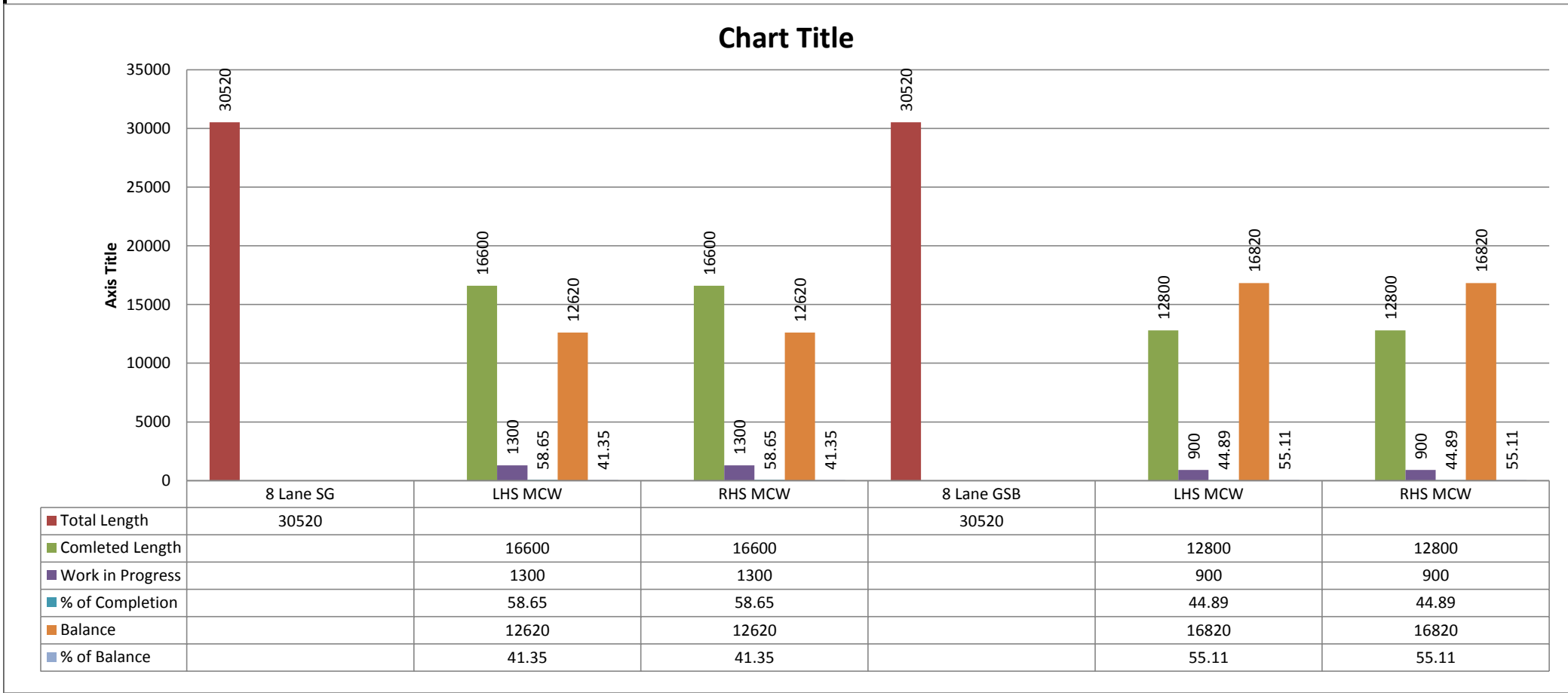
S.No.	Type of Work	Total Length	Complete Length	Work in Progress	% of Completion	Balance	% of Balance
1	8 Lane C&G	30520					
2	LHS MCW		30100	0	98.62	420	1.38
3	RHS MCW		30100	0	98.62	420	1.38
4	8 Lane EMB	30520					
5	LHS MCW		23600	6400	98.30	520	1.70
6	RHS MCW		23600	6400	98.30	520	1.70

Chart Title

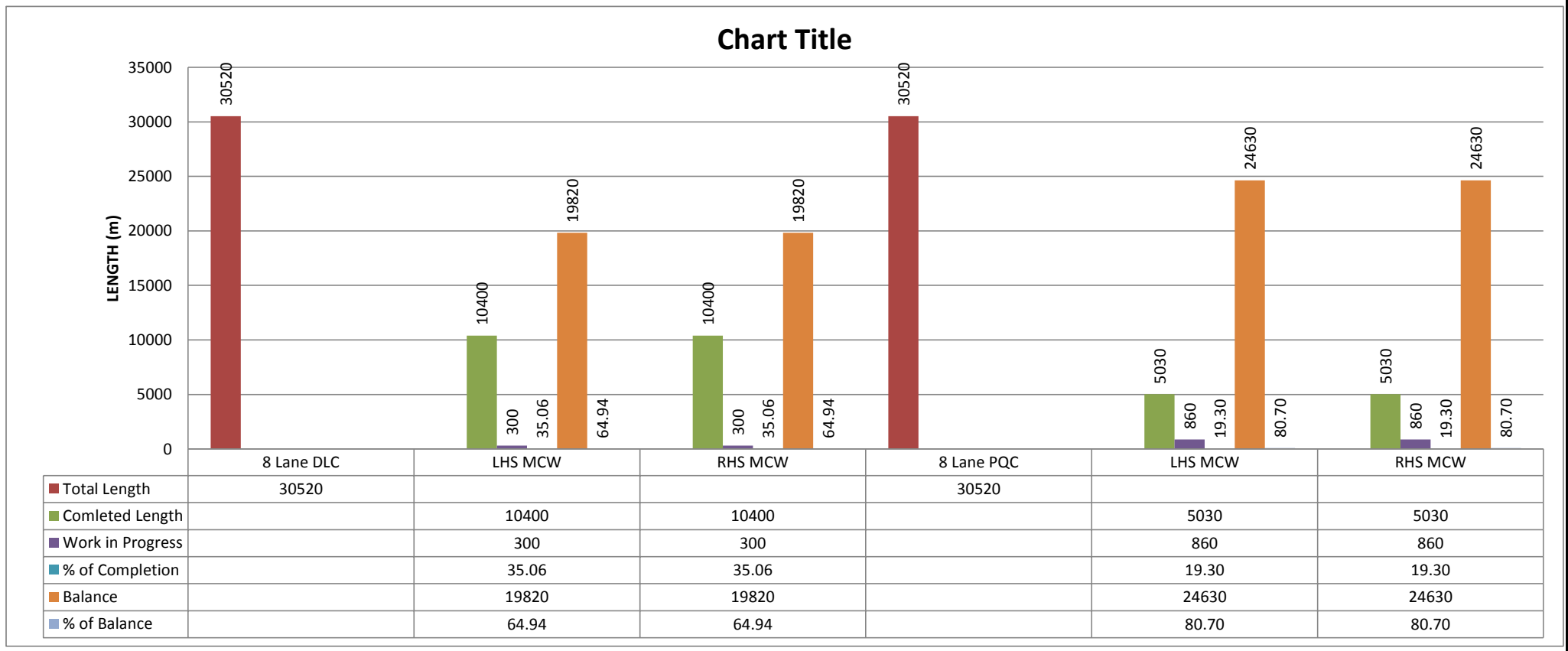


Total Length	30520			30520		
Complete Length		30100	30100		23600	23600
Work in Progress		0	0		6400	6400
% of Completion		98.62	98.62		98.30	98.30
Balance		420	420		520	520
% of Balance		1.38	1.38		1.70	1.70

Highway Bar Chart							30.11.2020
S.No.	Type of Work	Total Length	Completed Length	Work in Progress	% of Completion	Balance	% of Balance
1	8 Lane SG	30520					
2	LHS MCW		16600	1300	58.65	12620	41.35
3	RHS MCW		16600	1300	58.65	12620	41.35
4	8 Lane GSB	30520					
5	LHS MCW		12800	900	44.89	16820	55.11
6	RHS MCW		12800	900	44.89	16820	55.11



Highway Bar Chart							30.11.2020
S.No.	Type of Work	Total Length	Completed Length	Work in Progress	% of Completion	Balance	% of Balance
1	8 Lane DLC	30520					
2	LHS MCW		10400	300	35.06	19820	64.94
3	RHS MCW		10400	300	35.06	19820	64.94
4	8 Lane PQC	30520					
5	LHS MCW		5030	860	19.30	24630	80.70
6	RHS MCW		5030	860	19.30	24630	80.70



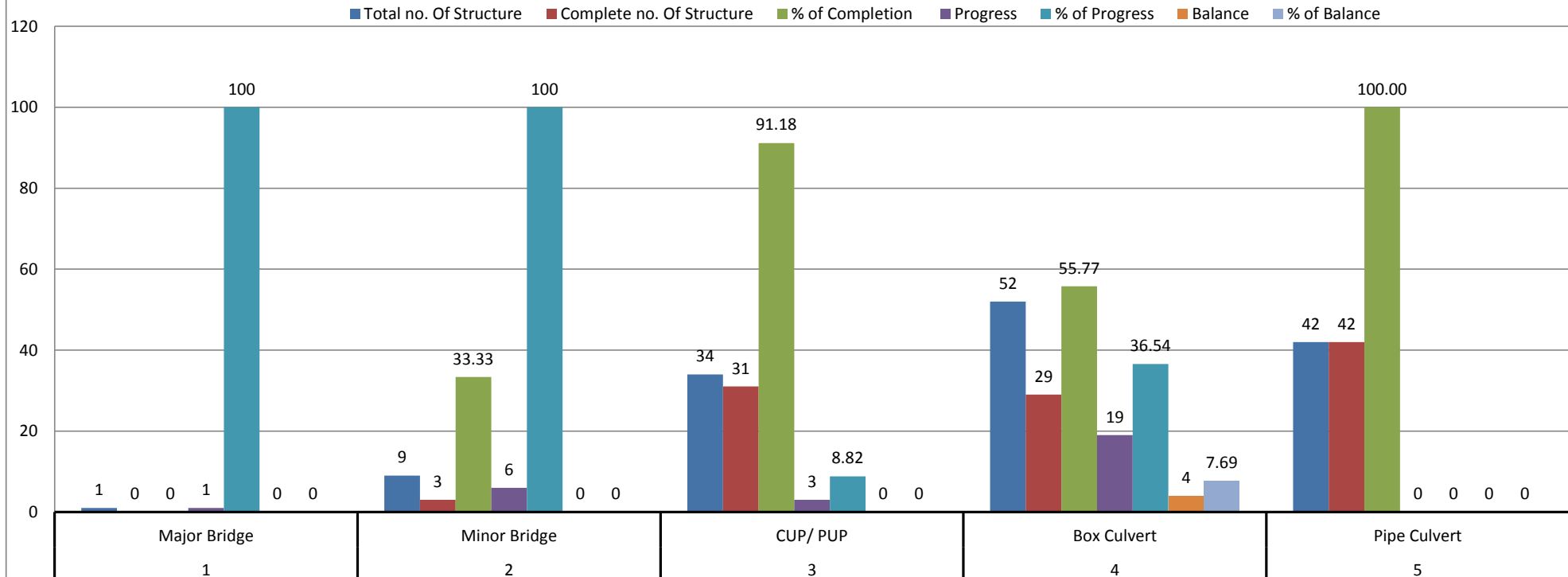
STRUCTURE BAR CHART

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

Status as on 30.11.2020

S.no.	Types Of work	Total no. Of Structure	Complete no. Of Structure	% of Completion	Progress	% of Progress	Balance	% of Balance
1	Major Bridge	1	0	0	1	100	0	0
2	Minor Bridge	9	3	33.33	6	100	0	0
3	CUP/ PUP	34	31	91.18	3	8.82	0	0
4	Box Culvert	52	29	55.77	19	36.54	4	7.69
5	Pipe Culvert	42	42	100.00	0	0	0	0

Chart Title

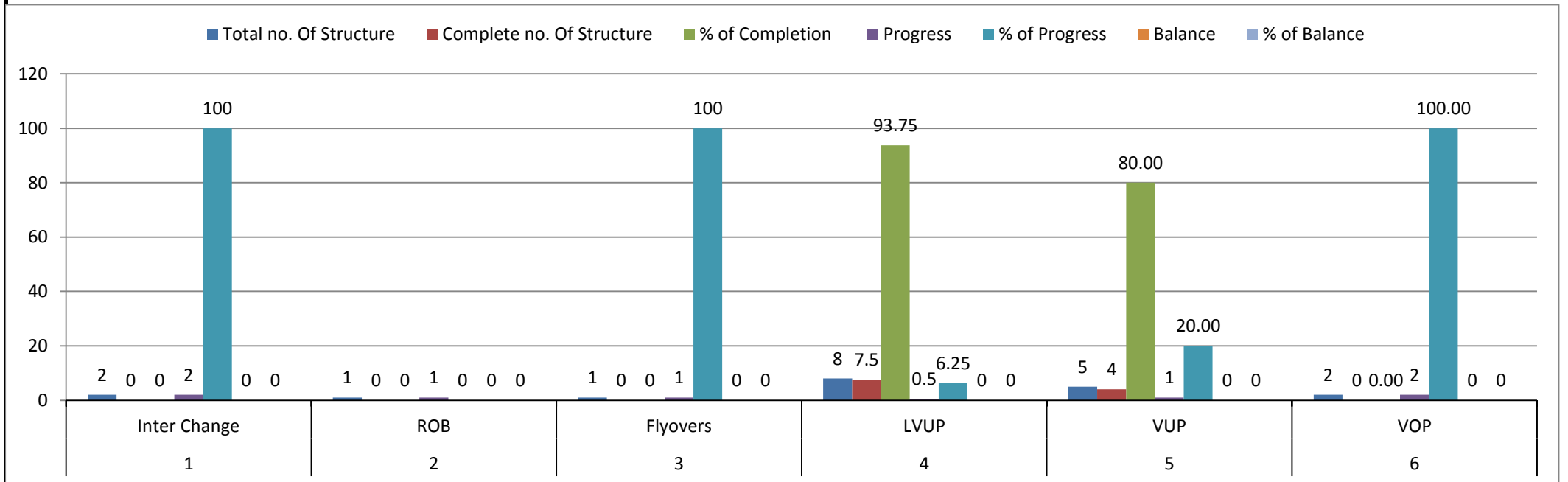


STRUCTURE BAR CHART

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

Status as on 30.11.2020

S.no.	Types Of work	Total no. Of Structure	Complete no. Of Structure	% of Completion	Progress	% of Progress	Balance	% of Balance
1	Inter Change	2	0	0	2	100	0	0
2	ROB	1	0	0	1	0	0	0
3	Flyovers	1	0	0	1	100	0	0
4	LVUP	8	7.5	93.75	0.5	6.25	0	0
5	VUP	5	4	80.00	1	20.00	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 30.11.2020 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 **1.310 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	530	Annexure 4A
Total Hindered length due to water pipeline etc.	100	Annexure 4B
Total Hindered Area due to Disputed Land	530	Annexure 4C
Permanent Structures	150	Annexure 4D
Grand Total	1310	

- Net unencumbered/Unhindered length of road as on 30.11.2020 is = $32.000 - 1.310 = 30.69$ km. i.e. 95.91%.
- Action taken by M/s. PIL: We are consistently corresponding with Concessionaire and related Authorities for shifting of utilities and Land acquisition Issues.

VI. UTILITY SHIFTING

Status of Utilities in Package-II of Vadodara Kim Expressway

Date:30.11.2020

S.No.	Description	MGVCL	GETCO	PGCIL	TORRENT	GWSSB	ONGC	GAIL	GSPL
1	Estimate Submitted to PIU-Dated	31.07.2019	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	28.02.2020						
3	Supervision Charge paid-Dated	Padra 1-19.03.2020 Padra 2-27.03.2020 Karjan-18.03.2020	13.03.2020 13.03.2020			08.01.2020			
4	Work Started on	05.10.2020	20.10.2020						
5	Work Completed on	Padra 1-80% Padra 2-Complete Karjan- 90%	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress	In Progress
6	Total length effected(m)	1965	145	50	150	40	30	60	-
7	Total length cleared(m)	1780	-	-	-	-	-	-	-
8	Balance length to be clear(m)	185	145	50	150	40	30	60	-

VII. STATUS OF DESIGN & DRAWING

Design Status of Sanpa- Padra Project (As on 30.11.2020)

Sr. No	Type of Structure	Total scope (Nos)	Nos. of structures Submitted to IE	Nos. of structures Approved by IE	Nos. of structures Balance to be reviewed by IE	Chainage	Submitted to IE/IRCON	Comments from IE/IRCON on	Present Status
1	Interchange	2	2	2	0	323+075	PIL/HO/VKE2/IRCON/015/2020 Dt. 06.01.2020	IRCON/3019/VKE/PATEL/1242 dt. 06.01.2020	Approved vide letter no. 1242
						323+075	PIL/HO/VKP2/IRCON/428/2020, dt 07.08.2020	IRCON/3019/VKE/PATEL/2011 dt. 07.09.2020	Found in Order vide letter No 2011 IRCON/IE have reviewed the compliance given by M/s PIL and the layout & profile of the Interchange at Km 323+075 & it is found in order Ms/ PIL is hereby requested to proceed for the GFC Drawings along with details of coordinates of the splitters , drainage and profile of the circulatory carriageway in roundabouts
						323+075	PIL/HO/VKP2/IRCON/068/2020, dt 31.01.2020	IRCON/ 3019/ VKE/ PATEL / 1916, dt. 17.08.2020	Approved vide letter no. 1916 the compliance regarding PSC girder, RCC girder, GAD & Design
						353+666	PIL/HO/VKP2/IRCON/377/2020 dt.08.07.2020	IRCON/3019/VKE/PATEL/1775 dt. 01.07.2020	Approved
2	Major Bridge	1	1	1	0	336+830	PIL/HO/VKP2/IRCON/201/2020 dt.04.04.2020	IRCON/3019/VKE/PATEL/1565 dt. 24.04.2020	Approved vide letter no. 1565
3	VOP	1	1	1	0	326+957	PIL/HO/VKP2/IRCON/031/2020 Dt. 17.01.2020 PIL/HO/VKP2/IRCON/604/2019 Dt. 28.08.2019	IRCON/3019/VKE/PATEL/2076 dt. 19.09.2020	Found in order vide letter No 2076
	VOP	1	1	1	0	349+441	PIL/HO/VKP2/IRCON/342/2020 dt. 23.06.2020	IRCON/3019/VKE/PATEL/1863 dt. 30.07.2020	Approved vide letter no. 1616

Construction of Eight lane Vadodara Kim Expressway from Km 323.00 to Km 355.00
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4	Minor Bridge	9	9	6	3	324+193	PIL/HO/VKP2/IRCON/765/2019 Dt. 17.12.2019	IRCON/3019/VKE/PATEL/1400 dt. 29.02.2020	Approved by IRCON letter no. 1400 Found in Order Vide IRCON Office Letter No 2120, dt 28.09.2020
						329+062	PIL/HO/VKP2/IRCON/204/2019 dt. 09.04.2020	-	Approved by IE (A2 size Hard Copy submitted vide PIL/ VK2/ IRCON/ 667 / 2020, dt 29.09.2020)
						330+640	PIL/HO/VKE2/IRCON/249/2020 Dt. 12.05.2020 PIL/HO/VKE2/IRCON/316/2020 Dt. 12.06.2020	-	Under review With IE
						337+874	PIL/HO/VKP2/IRCON/205/2019 dt. 09.04.2020	-	Approved by IE (A2 size Hard Copy submitted)
						343+500	PIL/HO/VKE2/IRCON/302/2020 Dt. 02.06.2020	IRCON/3019/VKE/PATEL/992 dt. 26.11.2019, IRCON/3019/VKE/PATEL/1125 dt. 30.12.2019	Under review With IE
						346+743	R1 - PIL/HO/VKE2/IRCON/563/2019 Dt. 07.08.2019	IRCON/3019/VKE/PATEL/1039 dt. 09.12.2019 (For GT)	Approved by IE (IRCON ltr. 882 dt. 09.10.2019)(A2 size Hard Copy submitted)
						350+143	PIL/HO/VKE2/IRCON/326/2020 Dt. 19.06.2020	IRCON/3019/VKE/PATEL/1817 dt. 16.07.2020	Approved by IRCON letter no. 1817 dt. 16.07.2020
						350+201	PIL/HO/VKE2/IRCON/180/2020 Dt. 20.03.2020	-	Under review With IE
						354+636	PIL/HO/VKP2/IE/787/2019 Dt. 24.12.2019 (GFC)	IRCON/3019/VKE/PATEL/1751 dt. 30.06.2020	Approved via ltr. No. 1751 (*With bearing comments)
5	Flyover	1	1	1	0	344+383	PIL/HO/VKP2/IRCON/491/2020 Dt. 14.09.2020 (Compliance done against IRCON letter No 2036)	IRCON/3019/VKE/PATEL/2068 dt. 18.09.2020	Found in Order vide letter No 2068

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6	ROB	1	1	0	1	352+945	PIL/HO/VKP2/IRCON/520/ 2019 Dt. 15.07.2019 & PIL/HO/VKP2/IRCON/579/ 2019 Dt. 17.08.2019	-	Under review With IE, Approved from IIT (BHU) and WR
						ROB Abutment (A1) at Ch. 352+946.1 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/PATEL/85 3 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	7	1	-	2 nos. submitted vide ltr no. 727 dt. 30.11.2019 (354+832, 343+856) 5 nos. submitted vide ltr no. 725 dt. 29.11.2019 (325+769, 337+022, 341+600, 348+468, 351+810)	2 nos. Approved by IRCON Letter no. 758 dt. 23.08.2019 (343+877 & 354+855), IRCON ltr. No. 1744 dt. 29.06.2020 (325+769, 337+022, 341+600, 348+468, 351+810) IRCON ltr. No. 1750 dt. 30.06.2020 (354+832, 343+856)	2 nos. Approved by IRCON Letter no. 758 and 1744 dt. 23.08.2019 and 30.06.2020 (LVUP - A2 size Hard Copy submitted for stamping), 5 nos approved vide ltr. No. 1744 dt. 29.06.2020,

Construction of Eight lane Vadodara Kim Expressway from Km 323.00 to Km 355.00
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9	PUP/CUP	34	34	30	4	-	26 nos. submitted by letter no. 381 dated 28.05.2019, 4 nos. submitted by Mail on date 29.05.2019, 3 nos. by mail dt 26.05.2019, 1 nos. by mail dt. 28.05.2019	26 Nos. (IE letter no. 471 dt. 01.06.2019, IRCON letter no. 492 dt. 11.06.2019), 4 Nos. (IE letter no. 470 dt. 01.06.2019, IRCON letter no. 491 dt. 11.06.2019)	30 nos. Approved By IE (A2 size drawing stamped), 4 nos. pending
10	Box Culvert	52	50	20	30	-	20 nos. bt letter no. 371 dt. 24.05.2019, 4 nos. by mail dt. 01.06.2019, 4 nos. by mai dt. 15.05.2019, 1 nos. by mail dt. 16.05.2019, 9 nos. by mail dt. 28.05.2019, 3 nos. by mail dt. 29.05.2019, 7 nos. by mail dt. 31.05.2019	20 nos. approved in M.O.M - 14.05.2019 to 17.05.2019	20 nos. approved in M.O.M - 14.05.2019 to 17.05.2019, other 30 are pending with IE
	Box Culvert						Ch.0+535 (VOP-349+441)	PIL/ VK2/ IRCON/ 652 / 2020, dt 22.09.2020	
	Box Culvert						Ch 0+909 at (VOP)326+957.)	PIL/HO/VKP2/IRCON/525/2020 , dt 25.09.2020	
	Box Culvert						CH. 0+015 at Ramp-2 of IC 323+075	PIL/ VK2/ IRCON/ 665 / 2020, dt 28.09.2020	
	Box Culvert						CH. 0+020 at Ramp-3 of IC 323+075	PIL/ VK2/ IRCON/ 665 / 2020, dt 28.09.2020	
	Box Culvert						CH. 0+305 at Ramp-3 of IC 323+075	PIL/ VK2/ IRCON/ 665 / 2020, dt 28.09.2020	
	Box Culvert						CH. 0+346 at Ramp-2 of IC 323+075)	PIL/ VK2/ IRCON/ 665 / 2020, dt 28.09.2020	
	Box Culvert						CH. 0+454 at Loop-2 of IC 353+666	PIL/ VK2/ IRCON/ 665 / 2020, dt 28.09.2020	
11	Pipe Culvert	42	42	42	0	-	42 Nos. Submitted by PIL/HO/VKE2/IRCON/362/2019 Dt. 24.05.2019	42 nos. IRCON/3019/VKE/PATEL/476 dt. 06.06.2019	Approved in MOM (A2 size drawing submitted to IE for stamping)
TOTAL		157	155	116	39				

VIII. Weather report for the month of November 2020

MONTHLY WEATHER REPORT FOR THE MONTH OF November 2020

S. No.	DATE	TEMPRATURE (°C)		HUMIDITY (%)		RAINFALL (mm)	CUMMULATIVE RAINFALL (mm)	WEATHER
		Min.	Max.	Min.	Max.			
1	1-Nov-20	21.6	32.4	24.00	67.00	-	1,284.40	Sunny
2	2-Nov-20	22.9	32.3	23.00	65.00	-	1,284.40	Sunny
3	3-Nov-20	22.5	32.6	24.00	69.00	-	1,284.40	Sunny
4	4-Nov-20	22.8	31.8	23.00	67.00	-	1,284.40	Sunny
5	5-Nov-20	21.8	32.6	24.00	70.00	-	1,284.40	Sunny
6	6-Nov-20	22.0	32.2	24.00	69.00	-	1,284.40	Sunny
7	7-Nov-20	21.2	32.6	24.00	71.00	-	1,284.40	Sunny
8	8-Nov-20	21.4	32.2	24.00	70.00	-	1,284.40	Sunny
9	9-Nov-20	20.8	31.4	24.00	71.00	-	1,284.40	Sunny
10	10-Nov-20	21.2	31.6	24.00	69.00	-	1,284.40	Sunny
11	11-Nov-20	20.8	31.2	22.00	71.00	-	1,284.40	Sunny
12	12-Nov-20	20.6	30.8	24.00	70.00	-	1,284.40	Sunny
13	13-Nov-20	18.0	33.0	22.00	71.00	-	1,284.40	Sunny
14	14-Nov-20	19.0	35.0	23.00	70.00	-	1,284.40	Sunny
15	15-Nov-20	20.0	35.0	22.00	69.00	-	1,284.40	Sunny
16	16-Nov-20	19.0	34.0	22.00	71.00	-	1,284.40	Sunny
17	17-Nov-20	20.0	33.0	24.00	70.00	-	1,284.40	Sunny
18	18-Nov-20	18.9	32.6	22.00	71.00	-	1,284.40	Sunny
19	19-Nov-20	21.8	30.7	40.00	73.00	-	1,284.40	Sunny
20	20-Nov-20	21.2	30.4	38.00	72.00	-	1,284.40	Sunny
21	21-Nov-20	20.8	29.6	32.00	74.00	-	1,284.40	Sunny
22	22-Nov-20	21.2	29.4	40.00	68.00	-	1,284.40	Sunny
23	23-Nov-20	20.8	30.6	42.00	73.00	-	1,284.40	Sunny
24	24-Nov-20	20.6	29.8	41.00	72.00	-	1,284.40	Sunny
25	25-Nov-20	21.2	30.4	53.00	73.00	-	1,284.40	Sunny
26	26-Nov-20	20.8	29.6	48.00	72.00	-	1,284.40	Sunny
27	27-Nov-20	21.2	30.2	32.00	73.00	-	1,284.40	Sunny
28	28-Nov-20	19.6	29.4	57.00	75.00	-	1,284.40	Sunny
29	29-Nov-20	21.2	30.5	40.00	75.00	-	1,284.40	Sunny
30	30-Nov-20	21.8	31.2	42.00	72.00	-	1,284.40	Sunny
Cumulative Rainfall Till Date							1,284.40	mm

Construction of Eight lane Vadodara Kim Expressway from Km 323.00 to Km 355.00
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IRCON International Limited

IX. Status of RFI

MONTH :- November - 2020.

Sr.No.	Total RFI	Approved RFI	RFI Re-submitted after corrections suggested	Remarks
<u>Highway</u>				
1	805	723	82	
<u>Structure</u>				
2	452	409	43	
<u>Laboratory (QA/QC)</u>				
3	12	10	2	
<u>Survey</u>				
4	2	2	0	

STRUCTURE PROGRESS CHART AS ON 30.11.2020

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

PROGRESS CHART FOR PIPE CULVERTS

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	14
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	1
10		Done	Done	Done	Done	330+068	330+068	1X1.2	Done	Done	Done	Done		11	VUP	5	1
11		Done	Done	Done	Done	331+118	331+118	1X1.2	Done	Done	Done	Done		12	P/CUP	34	3
12		Done	Done	Done	Done	331+719	331+719	1X1.2	Done	Done	Done	Done		Total		157	32
13		Done	Done	Done	Done	332+158	332+294	1X1.2	Done	Done	Done	Done		1	Utility Duct	61	
14		Done	Done	Done	Done	333+119	333+119	1X1.2	Done	Done	Done	Done		2	RE- Block	Aprox 9 lakh NOS	394389 Nos.
15		Done	Done	Done	Done	334+168	334+168	1X1.2	Done	Done	Done	Done					
16		Done	Done	Done	Done	334+719	334+719	1X1.2	Done	Done	Done	Done					
17		Done	Done	Done	Done	337+308	337+308	1X1.2	Done	Done	Done	Done					
18		Done	Done	Done	Done	337+593	337+593	1X1.2	Done	Done	Done	Done					
19		Done	Done	Done	Done	338+243	338+243	1X1.2	Done	Done	Done	Done					
20		Done	Done	Done	Done	338+669	338+669	1X1.2	Done	Done	Done	Done					
21		Done	Done	Done	Done	339+179	339+179	1X1.2	Done	Done	Done	Done					
22		Done	Done	Done	Done	340+080	340+080	1X1.2	Done	Done	Done	Done					
23		Done	Done	Done	Done	340+718	340+718	1x1.2	Done	Done	Done	Done					
24		Done	Done	Done	Done	341+468	341+468	1x1.2	Done	Done	Done	Done					
25		Done	Done	Done	Done	341+925	341+925	1x1.2	Done	Done	Done	Done					
26		Done	Done	Done	Done	342+869	342+869	1x1.2	Done	Done	Done	Done					
27		Done	Done	Done	Done	343+280	343+280	1x1.2	Done	Done	Done	Done					
28		Done	Done	Done	Done	343+990	343+994	1x1.2	Done	Done	Done	Done					
29		Done	Done	Done	Done	344+768	344+768	1x1.2	Done	Done	Done	Done					
30		Done	Done	Done	Done	346+549	346+549	1x1.2	Done	Done	Done	Done					
31		Done	Done	Done	Done	347+169	347+169	1x1.2	Done	Done	Done	Done					
32		Done	Done	Done	Done	348+143	348+143	1x1.2	Done	Done	Done	Done					
33		Done	Done	Done	Done	348+869	348+869	1x1.2	Done	Done	Done	Done					
34		Done	Done	Done	Done	349+668	349+668	1x1.2	Done	Done	Done	Done					
35		Done	Done	Done	Done	350+068	350+068	1x1.2	Done	Done	Done	Done					
36		Done	Done	Done	Done	350+443	350+443	1x1.2	Done	Done	Done	Done					
37		Done	Done	Done	Done	351+119	351+119	1x1.2	Done	Done	Done	Done					
38		Done	Done	Done	Done	351+619	351+619	1x1.2	Done	Done	Done	Done					
39		Done	Done	Done	Done	352+494	352+494	1x1.2	Done	Done	Done	Done					
40		Done	Done	Done	Done	352+868	352+868	1x1.2	Done	Done	Done	Done					
41		Done	Done	Done	Done	354+467	354+467	1x1.2	Done	Done	Done	Done					
42		Done	Done	Done	Done	354+754	354+754	1x1.2	Done	Done	Done	Done					
		42	42	42	42	42	42	42	42	42	42	42					

SR.NO	PROGRESS CHART FOR BOX CULVERTS																		
	LHS									Box Culvert Design Chainage	Box Culvert CA Chainage	Dimension	RHS						
	Finishing			Super-Structure	Sub-Structure	Foundation			Foundation				Sub-Structure	Super-Structure	Finishing				
	Apron	Curtain Wall	Retaining Wall			Raft	PCC	Excavation	Excavation						PCC	Raft	Retaining Wall	Curtain Wall	Apron
1									323+038	323+057	1X2X2								
2									323+087	323+087	1X2X2								
3									323+087	323+087	1X2X2								
4									323+087	323+087	1X2X2								
5									323+087	323+087	1X2X2								
6			Done	Done	Done	Done	Done	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	324+254	324+273	1X3X3	Done	Done	Done	Done				
10				Done	Done	Done	Done	Done	324+987	325+005	1X3X3	Done	Done	Done	Done	Done			
11			Done	Done	Done	Done	Done	Done	326+292	326+310	1X4X3	Done	Done	Done	Done	Done	Done		
12				Done	Done	Done	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									331+840	331+859	1X2X2								
19			Done	Done	Done	Done	Done	Done	333+661	333+670	1X5X3	Done	Done	Done	Done	Done	Done		
20			Done	Done	Done	Done	Done	Done	335+074	335+093	1X2X2	Done	Done	Done	Done	Done	Done		
21		Done	Done	Done	Done	Done	Done	Done	335+664	335+684	1X2X2	Done	Done	Done	Done	Done	Done		
22		Done	Done	Done	Done	Done	Done	Done	339+352	339+345	1X2X2	Done	Done	Done	Done	Done	Done		
23			Done	Done	Done	Done	Done	Done	339+700	339+700	1X2X2	Done	Done	Done	Done	Done	Done		
24			Done	Done	Done	Done	Done	Done	339+848	339+852	1X2X2	Done	Done	Done	Done	Done	Done		
25			Done	Done	Done	Done	Done	Done	339+941	339+934	1X2X2	Done	Done	Done	Done	Done	Done		
26				Done	Done	Done	Done	Done	341+171	341+193	1x6x3	Done	Done	Done	Done	Done			
27				Done	Done	Done	Done	Done	342+620	342+620	1X4X3	Done	Done	Done	Done	Done			
28									344+440	344+347	1x2x2								
29				Done	Done	Done	Done	Done	345+474	345+494	1x4x3	Done	Done	Done	Done	Done			
30				Done	Done	Done	Done	Done	345+966	346+000	1x3x3	Done	Done	Done	Done	Done			
31									346+776	346+800	2x3x3								
32				Done	Done	Done	Done	Done	346+800	346+800	2x3x3	Done	Done	Done	Done	Done			
33					Done	Done	Done	Done	347+468	347+468	1x2x2	Done	Done	Done	Done				
34					Done	Done	Done	Done	347+537	347+556	2x3x2	Done	Done	Done	Done				
35				Done	Done	Done	Done	Done	347+900	347+940	1x2x2	Done	Done	Done	Done	Done			
36				Done	Done	Done	Done	Done	349+220	349+220	1x5x3	Done	Done	Done	Done	Done			
37						Done	Done	Done	349+445	349+463	1x5x3	Done	Done	Done					
38				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	351+009	351+009	1x3x3	Done	Done	Done	Done				
41									351+265	351+265	1x3x3								
42									353+690	353+690	1x2x2								
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+700)	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	29	33	34	34	34	53	53		34	34	34	33	29	11		

PROGRESS CHART FOR CUP/PUP

SR.NO	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.																					
				WC inside Str.	Approach Slab				Crash Barrier				Crash Barrier	Approach Slab				WC inside Str.																				
1				Done	Done	Done	Done	Done	323+683	323+700	1X12	Done	Done	Done	Done	Done																						
2				Done	Done	Done	Done	Done	324+410	324+410	1X12	Done	Done	Done	Done	Done																						
3				Done	Done	Done	Done	Done	324+900	324+900	1X12	Done	Done	Done	Done	Done																						
4				Done	Done	Done	Done	Done	326+381	326+400	1X12	Done	Done	Done	Done	Done																						
5				Done	Done	Done	Done	Done	327+575	327+550	1X12	Done	Done	Done	Done	Done																						
6				Done	Done	Done	Done	Done	328+175	328+150	1X12	Done	Done	Done	Done	Done																						
7				Done	Done	Done	Done	Done	328+856	328+800	1X12	Done	Done	Done	Done	Done																						
8				Done	Done	Done	Done	Done	329+725	329+750	1X12	Done	Done	Done	Done	Done																						
9				Done	Done	Done	Done	Done	331+425	331+450	1X12	Done	Done	Done	Done	Done																						
10				Done	Done	Done	Done	Done	332+640	332+675	1X12	Done	Done	Done	Done	Done																						
11				Done	Done	Done	Done	Done	333+351	333+370	1X12	Done	Done	Done	Done	Done																						
12				Done	Done	Done	Done	Done	333+786	333+795	1X12	Done	Done	Done	Done	Done																						
13				Done	Done	Done	Done	Done	334+280	334+390	1X12	Done	Done	Done	Done	Done																						
14				Done	Done	Done	Done	Done	334+868	334+880	1X12	Done	Done	Done	Done	Done																						
15				Done	Done	Done	Done	Done	336+020	335+850	1X12	Done	Done	Done	Done	Done																						
16				Done	Done	Done	Done	Done	336+355	336+375	1X12	Done	Done	Done	Done	Done																						
17				Done	Done	Done	Done	Done	338+455	338+477	1X12	Done	Done	Done	Done	Done																						
18				Done	Done	Done	Done	Done	338+950	338+970	1X12	Done	Done	Done	Done	Done																						
19				Done	Done	Done	Done	Done	339+687	339+680	1X12	Done	Done	Done	Done	Done																						
20				Done	Done	Done	Done	Done	340+419	340+427	1X12	Done	Done	Done	Done	Done																						
21				Done	Done	Done	Done	Done	340+820	340+855	1X12	Done	Done	Done	Done	Done																						
22				Done	Done	Done	Done	Done	342+035	342+050	1X12	Done	Done	Done	Done	Done																						
23				Done	Done	Done	Done	Done	342+543	342+562	1X12	Done	Done	Done	Done	Done																						
24				Done	Done	Done	Done	Done	343+169	343+150	1X12	Done	Done	Done	Done	Done																						
25				Done	Done	Done	Done	Done	345+025	345+050	1X12	Done	Done	Done	Done	Done																						
26				Done	Done	Done	Done	Done	345+653	345+670	1X12	Done	Done	Done	Done	Done																						
27				Done	Done	Done	Done	Done	346+383	346+400	1X12	Done	Done	Done	Done	Done																						
28				Done	Done	Done	Done	Done	347+108	347+100	1X12	Done	Done	Done	Done	Done																						
29				Done	Done	Done	Done	Done	347+922	347+900	1X12	Done	Done	Done	Done	Done																						
30						Done	Done	Done	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	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																						
				32	33	34	34	34	34	34	34	34	34	34	34	34																						

PROGRESS CHART FOR VUP

SR.NO	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.																					
				WC inside Str.	Approach Slab				Crash Barrier				Crash Barrier	Approach Slab				WC inside Str.																				
1				Done	Done	Done	Done	Done	330+402	330+402	1X12	Done	Done	Done	Done	Done																						
2				Done	Done	Done	Done	Done	331+822	331+843	1X12	Done	Done	Done	Done	Done																						
3				Done	Done	Done	Done	Done	335+402	335+422	1X12	Done	Done	Done	Done	Done																						
4				Done	Done	Done	Done	Done	341+826	341+843	1x12	Done	Done	Done	Done	Done																						
5				Done	Done	Done	Done	Done	351+284	351+303	1x12	Done	Done	Done	Done	Done																						

PROGRESS CHART FOR LVUP

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

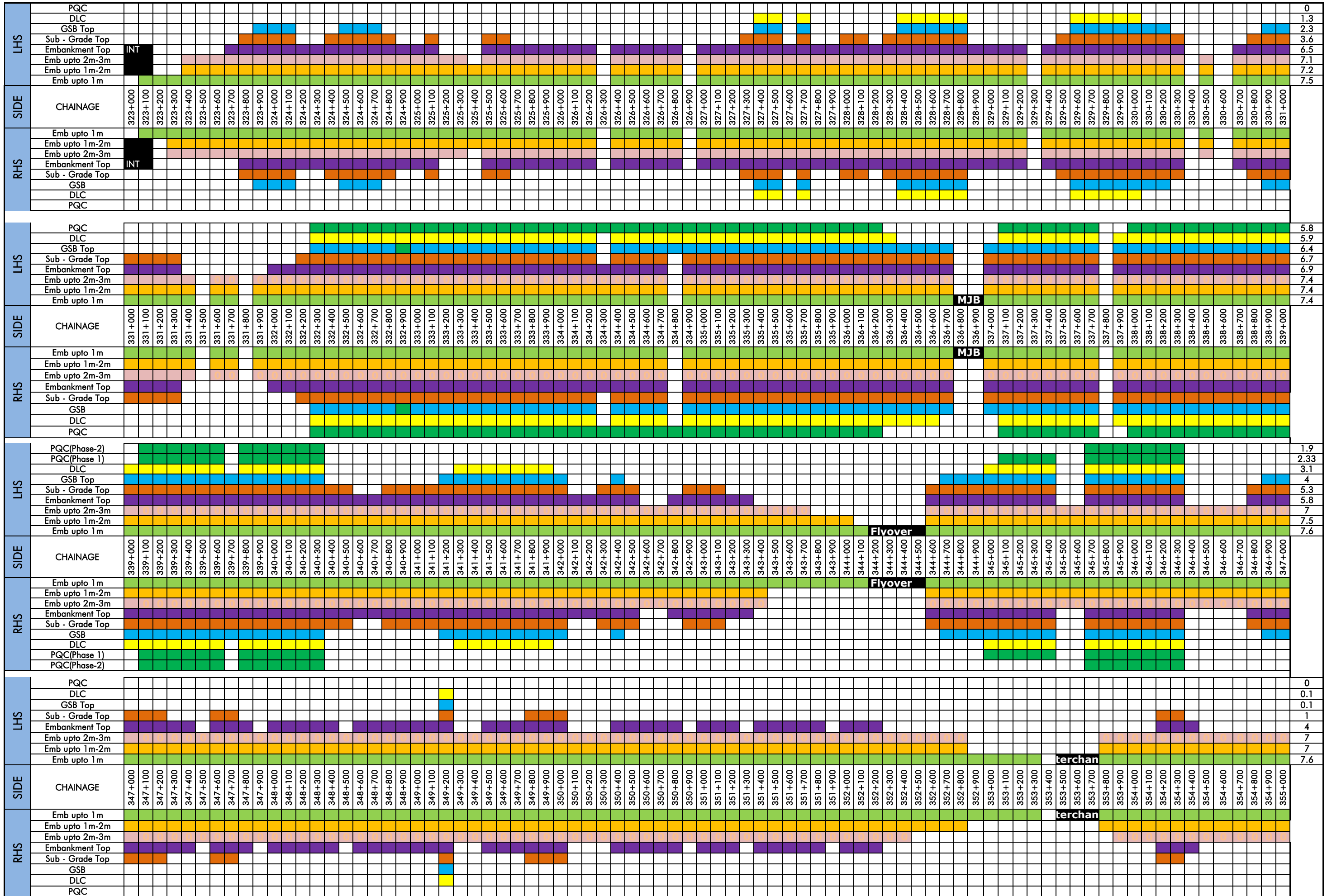
PROGRESS CHART FOR MNB

SR.NO	BOX TYPE																		
	LHS								MNB Design Chainage	MNB CA Chainage	Dimension	RHS							
	Finishing			Super Structure	Sub Structure	Foundation						Foundation			Sub Structure	Super Structure	Finishing		
WC inside Str.	Approach Slab	Crash Barrier	Raft			PCC	Excavation	Excavation	PCC	Raft	Crash Barrier	Approach Slab	WC inside Str.						
1				Done	Done	Done	Done	Done	329+062	329+080	1X10.42	Done	Done	Done	Done	Done			
2				Done	Done	Done	Done	Done	337+874	337+895	1X10.42	Done	Done	Done	Done	Done			
3				Done	Done	Done	Done	Done	346+743	346+766	1x10.496	Done	Done	Done	Done	Done			
4			14		Done	Done	Done	Done	350+201	350+220	1x18.85	Done	Done	Done	Done				

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 Scope	Pile	Pile Cap	Pier	Pier Cap		Erection/ Casting of Girders	Deck Slab	Approach Slab				
1			2 out of 2	2 out of 2	2 out of 2	16	32	324+193	324+210	1X29.214	16	2 out of 2	2 out of 2	2 out of 2				
2		42	3 out of 4	32 out of 35	2 out of 2	35	70	330+630	330+640	1X32.2	35	2 out of 2	33 out of 35	3 out of 4				
3		50	2 out of 4	59 out of 62	2 out of 2	62	124	343+566	343+566	1x27.20	62	2 out of 2	58 out of 62	2 out of 4				
4			1 out of 2	12 out of 14	2 out of 2	14	28	350+143	350+162	1x33.112	14	2 out of 2	13 out of 14	1 out of 2				
5		44	2 out of 4	24 out of 28	2 out of 2	28	56	354+636	354+660	1x48.603	28	2 out of 2	26out of 28	2 out of 4				

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	Total Pile Scope	Pile	Pile Cap	Pier	Pier Cap		Erection/ Casting of Girders	Deck Slab	Approach Slab				
1		7	3 out of 4	16 out 16	4 out of 4	46	92	344+383	344+360	1x22.627+1x42.065 +1x22.627	46	4 out of 4	16 out of 16	4 out of 4	14			

PROGRESS CHART FOR INTERCHANGE																		
SR.NO	LHS								Design Chainage	CA Chainage	Dimension	RHS						
	Superstructure		Sub Structure		Foundation		Total Pile Scope	Foundation				Substructure		Superstructure				
	Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Piles		Piles				Pile Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab	
1		21	4 out of 4	12 out of 12	4 out of 4	40	80	323+074	323+087	1 x 16.9+1x47.2+1x16.9	40	4 out of 4	12 out of 12	4 out of 4	17			
2		39	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	7 out of 8	41			
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				in progress		2	42 out of 42	80	352+965	352+988	2x37.20	38 out of 38	2	in progress				
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		15		2 out of 7	6 out of 7	110	228	336+810	336+830	6X42.20	114	6 out of 7	3 out of 7	1 out of 7				
PROGRESS CHART FOR VOP																		
SR.NO	LHS								Design Chainage	CA Chainage	Dimension	RHS						
	Superstructure		Sub Structure		Foundation		Total Pile Scope	Foundation				Substructure		Superstructure				
	Deck Slab	Erection/ Casting of Girders	Pier Cap	Pier	Pile Cap	Piles		Piles				Pile Cap	Pier	Pier Cap	Erection/ Casting of Girders	Deck Slab	Approach Slab	
1				3 out of 3	3 out of 3	14	14	326+957	326+982	2x48.221	Not Applicable							
2		4	3 out of 3	3 out of 3	3 out of 3	21	21	349+441	349+463	2x41.35								



Emb upto 1m		Embankment Top		DLC		Emb. Upto 1m	30.1	Total Embankment Top	23.6	Total GSB	12.8
Emb upto 1m-2m		Sub - Grade Top		PQC		Emb. From 1m-2m	29.1	Total Subgrade Top	16.6	Total DLC	10.4
Emb upto 2m-3m		GSB				Emb. From 2m-3m	28.8			Total PQC	5.0

Details of Electrical Utilities

Sr. No	CHAINAGE		Division	SIDE	TYPE	Effectuated 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			Going on Progress	Electric Line Crossing (Amod)	
2	323+090	323+095	Amod		11 KV	5			Going on Progress	Electric Line Crossing (Amod)	
3	323+130	323+140	Amod		11 KV	10			Going on Progress	Electric Line Crossing (Amod)	
4	323+160	323+170	Amod		12 KV	10			Going on Progress	Electric Line Crossing (Amod)	
5	323+200	323+210	Amod		11 KV	10			Going on Progress	Electric Line Crossing (Amod)	
6	323+380	323+440	Amod		11 KV	60			Going on Progress	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				Electric Line Crossing	
12	325+180	325+190	Karjan	LHS		10	10	1	shifted	Transformer	
13	325+550	325+570	Karjan		11 KV	20	20	1	shifted	Electric Line Crossing	
14	325+600	325+630	Karjan		11 KV	30	30	1	shifted	Electric Line Crossing	
15	326+900	326+910	Karjan		11 KV	10	10	1	shifted	Electric Line Crossing	
16	327+280	327+290	Karjan		11 KV	10				Electric Line Crossing	
17	327+280		Karjan	RHS		5	5	1	shifted	Transformer	
18	327+700	327+710	Karjan		11 KV	10	10	1	shifted	Electric Line Crossing	
19	327+730	327+740	Karjan		11KV	10	10	1	shifted	Electric Line Crossing	
20	327+750	327+760	Karjan		11KV	10	10	1	shifted	Electric Line Crossing	
21	329+290	329+310	Karjan		11 KV	20	20	1	shifted	Electric Line Crossing	
22	329+310	329+330	Karjan		11 KV	20	20	1	shifted	Electric Line Crossing	
23	330+270	330+275	Karjan	RHS	11 KV	5	5	1	shifted	Transformer	

Details of Electrical Utilities

Sr. No	CHAINAGE		Division	SIDE	TYPE	Effectuated LENGTH (m)	Cleared Length (Mtr.)	No. of Locations already shifted	No. of Locations where shifting in progress	Description	Remarks
	From	To									
24	330+275	330+570	Karjan	8 Line	12 KV	65	65	1	4 Line shifted	Electric Line Crossing	
25	331+230	331+240	Karjan		11 KV	10	10	1	shifted	Electric Line Crossing	
26	331+430	331+440	Karjan		11 KV	10	10	1	shifted	Electric Line Crossing	
27	331+800	331+820	Karjan		11 KV	20	20	1	shifted	Electric Line Crossing	
28	331+900	331+920	Karjan		11 KV	20	20	1	shifted	Electric Line Crossing	
29	332+050	332+060	Karjan		11 KV	10	20	1	shifted	Electric Line Crossing	
30	332+130	332+150	Karjan		11 KV	20	20	1	shifted	Electric Line Crossing	
31	332+410	332+450	Karjan		11 KV	40	40	1	shifted	Electric Line Crossing	
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	

Details of Electrical Utilities

Sr. No	CHAINAGE		Division	SIDE	TYPE	Effectuated LENGTH (m)	Cleared Length (Mtr.)	No. of Locations already shifted	No. of Locations where shifting in progress	Description	Remarks
	From	To									
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+670	339+700	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	
63	349+440	349+470	Padra-1		11 KV	30			Going on Progress	Electric Line Crossing	
64	350+340	350+400	Padra-1		11 KV	60	60	1	shifted	Electric Line Crossing	
65	350+320	350+330	Padra-1	RHS		10	10	1	shifted	Transformer	
66	351+400	351+420	Padra-1		11 KV	20	20	1	shifted	Electric Line Crossing	
67	351+420	351+430	Padra-1	LHS		10	10	1	shifted	Transformer	
68	351+530	351+540	Padra-1		11 KV	10	10	1	shifted	Electric Line Crossing	
69	351+680	351+800	Padra-1		11 KV	10	10	1	shifted	Electric Line Crossing	

Details of Electrical Utilities

Sr. No	CHAINAGE		Division	SIDE	TYPE	Effectuated LENGTH (m)	Cleared Length (Mtr.)	No. of Locations already shifted	No. of Locations where shifting in progress	Description	Remarks
	From	To									
70	351+820	351+825	Padra-1		11 KV	5	5	1	shifted	Electric Line Crossing	
71	351+830	351+835	Padra-1		11 KV	5	5	1	shifted	Electric Line Crossing	
72	351+870	351+875	Padra-1		11 KV	5	5	1	shifted	Electric Line Crossing	
73	351+875	351+885	Padra-1		11 KV	10	10	1	shifted	Electric Line Crossing	
74	351+885	351+915	Padra-1		11 KV	30	30	1	shifted	Electric Line Crossing	
75	352+300	352+310	Padra-1		11 KV	10	10	1	shifted	Electric Line Crossing	
76	352+445	352+460	Padra-1		11 KV	15	10	1	shifted	Electric Line Crossing	
77	353+415	353+425	Padra-1		11 KV	10	10	1	shifted	Electric Line Crossing	
78	353+445	353+470	Padra-1		11 KV	25	25	1	shifted	Electric Line Crossing	
79	353+510	353+520	Padra-1		11 KV	10	10	1	shifted	Electric Line Crossing	
80	353+525	353+550	Padra-1		11 KV	25			Going on Progress	Electric Line Crossing	
81	353+670	353+920	Padra-1		11 KV	10			Going on Progress	Electric Line Crossing	
82	354+240	354+250	Padra-1		11 KV	10	10	1	Shifted	Electric Line Crossing	
83	354+830	354+835	Padra-1		11 KV	5	5	1	Shifted	Electric Line Crossing	
84	354+950	354+960	Padra-1		11 KV	10	10	1	shifted	Electric Line Crossing	
Total shifted (Length & Locations), Out of above 84 Locations						1965	1780	73	11		185

Details of Electrical Utilities

Sr. No	CHAINAGE		Division	SIDE	TYPE	Effectd 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	1780				530

GETCO/PGCIL/Torrent EHT Line Shifting Materials Details

Sr. No.	Agency	Utility agency	Chainage	Line Discription	Vendor approval Status	Check survey/ Profile Status	Land Status	Material Vendor approval Status	Material Inspection status
1	SIDDHARTH INFRA POWER PVT. LTD.	GETCO	323+200	66 KV - Amod Sarbhan Line	vendor approval obtain through letter no.CE(Project)/II/T-2/66kv/NHAI/IVKEL/Patel/Sidharth infra- 1/4161 Dt.10.11.2020	Check survey done, Profile prepration is under process	Profile is under prepration	Material vendor approval awaited from GETCO	awaited
2	SIDDHARTH INFRA POWER PVT. LTD.	GETCO	324+122	220 KV Kosamba - Mobha Lilo(Suva)	vendor approval obtain through letter no.CE(Project)/II/T-2/66 kv/NHAI/IVKEL/Patel/Sidharth infra- 7/4159 Dt.10.11.2020	Check survey done, Profile prepration is under process	Profile is under prepration	Material vendor approval awaited from GETCO	awaited
3	VIMA ALLAINCE INFRA PVT LTD	GETCO	325+132	220 KV Kosamba - Mobha	vendor approval obtain through letter no.CE(Project)/II/T-2/66 kv/NHAI/IVKEL/Patel/Vima Alliance-8/4162 Dt.10.11.2020	Check survey done, Profile Submitted to GETCO & PIU for review and approval	Profile approval awaited	Material vendor approval awaited from GETCO	awaited
4	VIMA ALLAINCE INFRA PVT LTD	GETCO	326+420	220 KV Gavasad - SSLP Line 1 & 2	vendor approval obtain through letter no.CE(Project)/II/T-2/66 kv/NHAI/IVKEL/Patel/Vima Alliance-6/4160 Dt.10.11.2020	Check survey done, Profile Submitted to GETCO & PIU for review and approval	Profile approval awaited	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	Check survey done, Profile prepration is under process	Profile is under prepration	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-2/66kv/NHAI/IVKEL/Patel/Stanza-4/4205 Dt.10.11.2020	Check survey done, Profile prepration is under process	Profile is under prepration	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	Check survey done, Profile Submitted to GETCO for review and approval	Profile approval awaited	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	Check survey done, Profile Submitted to GETCO for review and approval	Profile approval awaited	Material vendor approval awaited from GETCO	awaited
9	Om power	PGCIL	336+000	400 KV	Approval awaited				
10	Om power	Torrent	340+950	400 KV	Approved	Check survey done, Profile prepration is under process	Profile prepration is under process		

Details of Water Pipe Lines/Borewell/Canal Crossing

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

Details of Permanent structure like Building etc.

Sr. No	Chainage		Side	Structure type	Effectted Length (m)	Effectted Width (m)	Effectted Zone
	From	To					
1	327+280	327+320	RHS	COW SHELTER			
2	329+350	329+355	LHS	COW SHELTER			
3	329+365	329+375	BHS	HOUSE	10		
4	330+320	330+330	BHS	HOUSE	10		
5	341+780	341+810	LHS	ONGC GAS OFFICE	30		
TOTAL LENGTH					50		




Details of Gas Pipe Lines




Sr. NO	Chainage		SIDE	TYPE	EFFECTED LENGTH	REMARKS
	From	To				
1	343+560	343+620	BHS	ONGC & GAIL PIPE LINE	60	Boundary Wall
TOTAL LENGTH					60	




Details of Religious Structures like Temple, Mosque etc.

Sr. No.	Temple Chainage	Side	EFFECTED LENGTH	Remarks
1	349+441	Cross Road (RE Wall)	20	Temple
2	353+670	LHS	20	Mazar/Mosque
TOTAL LENGTH			40	

Details of Land related Hindrances as on 30.11.2020

Sr. No	Chainage from		Affected length (m)	Village Name	Survey No.	Owner Name	Hindrance Description	Remarks
1	325+160	325+320	160	Sanpa	337	Govardhanbhai ranchoddas	3D has been Gazetted vide S/O No. (E) - 2068 dated 25.06.2020, and published in newspaper on 18.07.2020. 3D objection hearing on 7 September 2020 by CALA done .Award awaited.	
2	325+160	325+320	-	Sanpa	337	Govardhanbhai ranchoddas	CALA issued notice for payment against tube well Award. Land owner has received Payment Notice from CALA, all required documents submitted, Payment awaited.	
3	325+320	325+500	180	Sanpa	527	Mohadbhaiasla mesab	3D has been Gazetted vide S/O No. (E) - 2068 dated 25.06.2020, and published in newspaper on 18.07.2020. 3D objection hearing on 7 September 2020 by CALA done. Award awaited	

Sr. No	Chainage from		Affected length (m)	Village Name	Survey No.	Owner Name	Hindrance Description	Remarks
4	326+210	326+250	40	Sanpa	169	Patel Babubhaiam Balal	3D has been Gazetted vide S/O No. (E) – 2068 dated 25.06.2020, and published in newspaper on 18.07.2020. 3D objection hearing on 7 September 2020 by CALA done. Award awaited	 <p>Village : Sanpa, Survey No : 169, ch 326+210 to 326+250</p>
5	328+530	328+580	25	Bodka	161	Neelesh Patel	NHAI acquired 3 guntha Land but farmer claims that 11 Guntha land occupied by NHAI. CALA office is being persuade for settlement of additional claim of land owner Season needs to resolve it. Work in progress but additional compensation yet not disbursed	 <p>Village : Bodka, Survey No : 161, ch. 328+530 to 328+580</p>
6	329+355	329+400	45	Kanbha	413	Malik Yusuphbhai	CALA issued notice for payment against tube well Award. Land owner not receive payment notice.	 <p>Village : Kanbha, Survey No ; 413, Ch. 329+355 to 329+400</p>

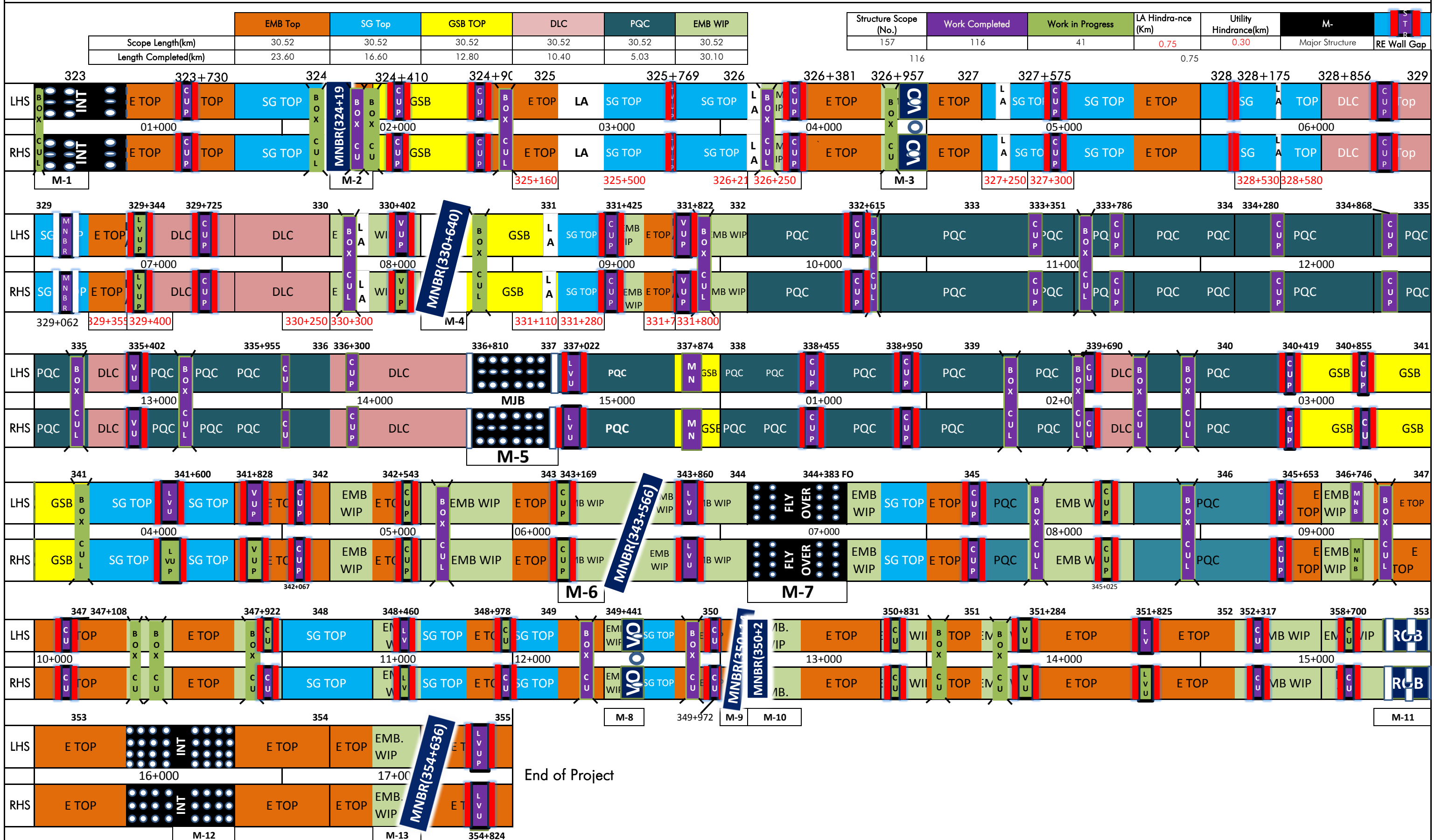
Sr. No	Chainage from		Affected length(m)	Village Name	Survey No.	Owner Name	Hindrance Description	Remarks
7	330 + 250	330+300	50	Kanbha	296	Idrishbhai ahamadbhai	CALA issued notice for payment against tube well Award. Land owner not receive payment notice.	
8	331 + 780	331+800	20	Handod	8	Pratulbhaibhatt	3D has been Gazetted vide S/O No. (E) - 2068 dated 25.06.2020, and published in newspaper on 18.07.2020. 3D objection hearing on 7 September 2020 by CALA done .Award awaited	
9	353+800 (Interchange Loop Section)		10	Samiyala	470	Sitaben	NHAI acquired 0.1947 Hact. Land in survey no.470 but farmer survey no.470 Land area is 0.2125 Hact.. and total survey no. is coming in NHAI Acquisition for interchange loop section. Farmer claimed rest land area (0.0178 Hact.) compensation. Farmer also persuade to CALA office for rectifying this discrepancy on his survey no.	
TOTAL			530					

Critical Issue

	Interchange down Ramp No.1 at Interchange Ch.353+660	Samiyala	375	Govt. Land	Indira Avas type -1 (15'x30') – 21 Nos. Indira Avas type -2 (10'x30') – 7 Nos. Sardar avas Type-1 (10'x30') --03 Nos. Sardar avas Type-2 (15'x30') --15 Nos. Total - 46 NHAI Submitted 46 house holder Relocation Plan Collector office on dt.26/11/2020.	
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200 m length affected

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



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	02.11.2020	PIL/HO/VKP2/IRCON/626/2020	Intimation for dispatching of precast Shoulder Drain to the Project Site- reg.
2	03.11.2020	PIL/ VK2/ IRCON/ 714 / 2020	Submission of Company profile & credentials of "M/S. GEO SOURCE" for source approval of Geotextile. - Reg.
3	03.11.2020	PIL/ VK2/ IRCON/ 715 / 2020	Submission of Design & Drawings of RCC Wing Wall with Varying Height at PUP/CUP chainage 332+615.
4	04.11.2020	PIL/HO/VKP2/IRCON/629/2020	Submission of Design and Drawing of Precast Box Culvert at Chainage 0+966 at Interchange (Ramp-1) location 353+666
5	04.11.2020	PIL/HO/VKP2/IRCON/630/2020	Submission of Drawing of Chain Link Fencing
6	05.11.2020	PIL/ VK2/ IRCON/ 716 / 2020	Submission of "Monthly Progress Report" for the Month of October - 2020.
7	05.11.2020	PIL/ VK2/ IRCON/ 717 / 2020	Submission of Drawing of Utility duct to be constructed over shoulder along the line of PQC.
8	05.11.2020	PIL/ VK2/ IRCON/ 718 / 2020	Submission of Factory Inspection Report for Construction of Precast shoulder Drain. (M/s Fuji Silvertex)
9	06.11.2020	PIL/ VK2/ IRCON/ 719 / 2020	Additional land acquisition plan & details of Ch.323+074 Interchange-Regd.
10	06.11.2020	PIL/HO/VK2/IRCON/640/2020	Regarding Consent for approved Insurance Claim of Rs. 1.26 Cr. and disburses the same as per clause 20.1.2 (ii) of Contract Agreement.
11	06.11.2020	PIL/HO/VK2/IRCON/641/2020	Submission of Undertaking for the release of Performance Bank Guarantee
12	06.11.2020	PIL/ VK2/ IRCON/ 720 / 2020	Submission for approval of Stage Payment Statement (IPC) Nos. 15 - A & 15 - B for stages completed for the Period of 17th to 31st October 2020 as per Schedule – H in pursuant to clause 10.1.4 and 19.3 of Contract Agreement.
13	07.11.2020	PIL/HO/VKP2/IRCON/643/2020	Regarding Location of Chute drains to be provided for Slope protection work.
14	07.11.2020	PIL/ VK2/ IRCON/ 721 / 2020	Demand Note for ONGC, Ankleshwar Asset in r/o of oil well Karzan #9 in Package II.
15	07.11.2020	PIL/ VK2/ IRCON/ 722 / 2020	Submission of Design and Drawing of Bank Seat & Approach Slab at ROB Ch. 352+946.
16	07.11.2020	PIL/ VK2/ IRCON/ 723 / 2020	Submission of Design and Drawing of Bank Seat & Approach Slab at VOP Ch. 326+957.
17	07.11.2020	PIL/HO/VKP2/IRCON/644/2020	Submission of Design and Drawing of Precast Box Culvert at Chainage 0+305 at Interchange (Ramp-3) Location 323+075
18	07.11.2020	PIL/ VK2/ IRCON/ 724 / 2020	Submission of Borrow area Numbers 93B, 93C, 94 and 96.
19	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.
20	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.
21	10.11.2020	PIL/ VK2/ IRCON/ 728 / 2020	Compliance for Submission of PQC Full width Trial stretch Report.
22	10.11.2020	PIL/HO/VKP2/IRCON/645/2020	Compliance _ Submission of Design and Drawing document for Preliminary basis of approval for Reinforced Soil approach ramps
23	10.11.2020	PIL/HO/VKP2/IRCON/646/2020	Regarding Durability of Structures
24	10.11.2020	PIL/HO/VKP2/IRCON/648/2020	Submission of Design & drawing of Precast Box culvert at Chainage 0+560 & 0+640 at Interchange (Loop 3 & Ramp 3) Location 353+666)
25	10.11.2020	PIL/HO/VKP2/IRCON/649/2020	Submission of Design & drawing of Precast Box culvert at Chainage 0+186 at Interchange (Ramp 2) Location 353+666)
26	11.11.2020	PIL/ VK2/ IRCON/ 730 / 2020	Submission of Routine Routine lateral Pile Load test Report for ROB at Ch. 352+946 conducted by the agency "Unique Engineering services".
27	11.11.2020	PIL/ VK2/ IRCON/ 731 / 2020	Compliance for Submission of Grouting Mix Design using Ambuja, Ultratech and Sidhee Cement.
28	11.11.2020	PIL/ VK2/ IRCON/ 732 / 2020	Submission of Methodology of Geo Source for Slope stabilization work for slope protection work with Coir Mat & Vetiver Grass.

Details of Letter Correspondence From PIL TO IRCON.

Sr.	Date	Letter Number	Subject
29	12.11.2020	PIL/HO/VKP2/IRCON/655/2020	Submission of Design and Drawing of Precast Box Culvert at Chainage 0+015 at Interchange (Ramp-2) location 323+075.
30	12.11.2020	PIL/HO/VKP2/IRCON/656/2020	Submission of Design and Drawing of Precast Box Culvert at Chainage 0+020 at Interchange (Ramp-3) location 323+075.
31	13.11.2020	PIL/HO/VKP2/IRCON/667/2020	Submission of Toll Plaza Administrative Building plan at Interchange 353+666 for each loops & ramps
32	20.11.2020	PIL/HO/VKP2/IRCON/677/2020	submission of Drainage detailed Plan & Profile
33	21.11.2020	PIL/HO/VKP2/IRCON/679/2020	Submission of Layout of Toll Plaza Building Plan of Interchange Ch. 323+075
34	21.11.2020	PIL/ VK2/ IRCON/ 733 / 2020	Material Inspection call 352+968 ROB.
35	21.11.2020	PIL/ VK2/ IRCON/ 734 / 2020	Compliance for Submission of Company profile & credentials of M/s GEO Source for source approval of GEO Textile to be used in Project expressway.
36	23.11.2020	PIL/ VK2/ IRCON/ 735 / 2020	Submission of Launching methodology and drawing for PADRA - BHAILI station (KM Post 8/4-5) JAMBUSAR-PRATAP NAGAR Section of Western Railways at KM 352+968
37	23.11.2020	PIL/HO/VKP2/IRCON/680/2020	Regarding approval for submission of Bank guarantee against Performance Security with reduce amount i.e. 3% as per OM issued by MoRT&H dated 17.11.2020 & Subsequently NHAI circular 3.1.27 dated 19.11.2020
38	23.11.2020	PIL/HO/VKP2/IRCON/683/2020	Regarding submission of Drawing Utility duct to be constructed over shoulder along the Line of PQC
39	24.11.2020	PIL/HO/VKP2/IRCON/684/2020	The amount of GETCO revenue loss depositing at concerned DISCOM
40	24.11.2020	PIL/ VKP2/ IRCON/ 736 / 2020	Submission of Design & Drawings of POT PTFE FREE SLIDING BEARING & METALIC GUIDE BEARING & PIN BEARING for MNB at chainage KM 350+143.
41	24.11.2020	PIL/ VKP2/ IRCON/ 737 / 2020	Submission of Design & Drawings of METALIC GUIDE BEARING & PIN BEARING for MNB at chainage KM 350+201.
42	24.11.2020	PIL/ VKP2/ IRCON/ 738 / 2020	Submission of Design & Drawings of METALIC GUIDE BEARING & PIN BEARING for VOP at chainage KM 326+957
43	25.11.2020	PIL/ VK2/ IRCON/ 739 / 2020	Compliance for Submission of Company profile & credentials for source approval of M/s STRATA Geo Systems (India) Pvt. Ltd. for Slope Protection Works in Project Expressway.
44	25.11.2020	PIL/ VK2/ IRCON/ 740 / 2020	Profile Approval for the shifting for (1) Shifting of 220 KV Kosamba- Mobha Line no. 1 & 2 Between location no. 238 to 242 at project Ch. 325+132 & (2) Shifting of 220 KV Gavasad – SLPP Line no. 1 & 2 Between location no. 58 to 62 at project Ch. 326+420.
45	25.11.2020	PIL/HO/VKP2/IRCON/686/2020	Submission of Revised Highway Plan & Profile from KM 323+000 to KM 355+000.
46	27.11.2020	PIL/ VK2/ IRCON/ 741 / 2020	RA Bill – 01(Final) for shifting / Erection of 11KV lines and LT line under sub division Padra – 2 , Div. Jambuva, From km. 337+000 to 347+670.
47	28.11.2020	PIL/ VK2/ IRCON/ 742 / 2020	Application for interim Extension of time for Project Completion Schedule (Schedule - J) in pursuant to Clause 10.5 of the Contract Agreement - Reg.
48	30.11.2020	PIL/ VK2/ IRCON/ 743 / 2020	Submission of Routine Pile Load test Report by High Strain Dynamic test for MJB at Ch. 336+810 conducted by the agency “Unique Engineering services”. (LA-1, P14)
49	30.11.2020	PIL/ VK2/ IRCON/ 744 / 2020	Submission of Routine Pile Load test Report by High Strain Dynamic test for MJB at Ch. 336+810 conducted by the agency “Unique Engineering services”. (LP-2, P-4)
50	30.11.2020	PIL/ VK2/ IRCON/ 745 / 2020	Submission of Routine lateral Pile Load test Report for MJB at Ch. 336+810 conducted by the agency “Unique Engineering services”. (LP-2, P-05)

Details of Letter Correspondence From IRCON TO PIL

Sr.	Date	Letter Number	Subject
1	02.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2277	Request Regarding Issuing of MB's from Authority PIU-Bharuch for MGCVCL (MB No. 67)
2	03.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2282	Permission for Laying 12.75" OD x 0.25" WT MS Pipeline along with OFC across Vadodara Mumbai Expressway (Under Construction) between Ch. 325 Km. & 326 Km. for Dahej Dumad Section of Kandla Gorakhpur PLG pipeline project
3	03.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2283	Inspection of Structures, Retaining walls and RE Walls in National Highways.
4	03.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2284	Intimation for dispatching Precast shoulder drain to Project site.
5	03.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2285	Submission of Proposal of (a) Box Culvert on the cross road of LVUP at ch. 337+022 (b) Requirement of Connecting road from Ch.334+000 Km. 334+280 (RHS) (c) Requirement of additional Pipe Culverts for drainage purpose at km. 332+050 (Double -row), 333+330 (single row), 333+850 (single row) and 334+310 (single row) under change of Scope as per Article 16 of concession Agreement
6	03.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2286	Shifting of various 220 KV & 400 KV Gandhar - Dehgam Transmission lines of POWERGRID for the proposed Vadodara -Mumbai Eight Lane Expressway in the State of Gujarat
7	03.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2287	Estimate for shifting / Modification of EHV Transmission Lines of 400 KV SUGAN - PIRANA lines of Torrent
8	03.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2288	Compliance of Plan & Profile Layout for Drainage
9	05.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2297	Non Conformance Report (NCR 10 , 11 , 12 , 13)
10	05.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2298	Submission of PQC full width Trial stretch report
11	06.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2302	Regarding shifting of Temple at Ch. 349+441 VOP approach road.
12	06.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2303	Progress of work and Quality of works.
13	10.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2316	Submission of Revised GFC Drawing of Flyover at Ch. 344+383 in A2 Size sheet
14	10.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2317	Submission of Toll Plaza Administrative Building Plan Layout
15	10.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2321	Delay in the progress of works and likely delay in the achievement of Project Milestone - III and Issuance of Advance Notice for recovery of damages in the event of failure to achieve milestones within time period as per Sub Clause 10.3.2 of Contract Agreement
16	10.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2322	Request Regarding issuing of MB's from Authority, PIU- Bharuch for MGCVCL (MB No. 69 & 70)
17	10.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2323	Submission of detailed drawing of Highway Lighting
18	11.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2329	Detailed Instructions Guidelines for payment against Electrical Utility Shifting Works
19	11.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2330	Submission of proposal of (a) Box Culvert on the cross road of LVUP at ch. 337+022 , (b) Requirement of Connecting road from Ch. Km. 334+000 to 334+280(RHS), (C) Requirement of additional Pipe Culverts for drainage purpose at Km. 332+050 (Double - row), 333+330 (single row) and 334+850 (single row) and 334+310 (single row) under change of Scope as per Article 16 of Concession Agreement.
20	13.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2337	Submission of PQC Trial stretch Report
21	16.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2340	Monthly Payment Certificate for unbilled executed work (MPC-04)
22	16.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2342	Recommendation of Concessionaire's request for Extension of time

Details of Letter Correspondence From IRCON TO PIL

Sr.	Date	Letter Number	Subject
23	16.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2343	Submission of proposal of (a) Box Culvert on the cross road of LVUP at Ch. 337+022, (b) Requirement of Connecting road from Ch. Km. 334+000 to 334+280 (RHS), (c) Requirement of Additional Pipe Culverts for drainage purpose at Km 332.050 (Double row), 333+330 (single row), 334+850 (single row) and 334+310 (single row) under Change of Scope as per Article 16 of Concession Agreement
24	16.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2344	Submission of Working Drawings for SSNNL Canals to be constructed within ROW under Change of Scope involving additional cost & other COS items.
25	16.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2345	Reg Submission of Factory Inspection report for Precast Shoulder Drain (M/s Fuji Silvertch) and Construction of Precast Box drain.
26	16.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2346	Reg. Submission of Company profile & credentials of M/s Geo Source for source approval of Geo textile to be used in Project Expressway
27	16.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2347	Submission of Routine High Strain Dynamic Pile Load Report for ROB at Ch. 352+946 conducted by the agency Unique Engineering services.
28	16.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2348	Submission of Company profile for source approval of M/s Ashtech (India) Pvt. Ltd for procurement of SUPPERPOZZ P500 Ultra Fine Flyash (UFFA) to be used in project expressway .
29	16.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2349	Minutes of the Meeting of VME Package-I, II & III, VC Held on 28.09.2020 under the Chairmanship of RO- Gandhinagar.
30	16.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2350	Submission of Company profile & credentials for source approval of M/s Polymer Product for procurement of Elastomeric Bearings to be used in project highway
31	16.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2351	Closure of Non Conformance Report (NCR No. 008, 009, 010, 011, 012, 013 & 014)
32	16.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2352	Submission of revised QAP (Quality Assurance Plan) of M/s HMM Infra Ltd for 45.975M span Composite Steel Girder for use at VOP ch-326+957
33	16.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2353	Submission of Compliance on Company profile & credentials for Source approval of M/s Strata Geo Systems India Pvt. Ltd for Slope protection works in Project expressway
34	16.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2354	Submission of Company profile & credentials of M/s Geo Source for source approval of Geo textile to be used in Project Expressway
35	18.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2356	Compliance for Design & Drawing of Supporting arrangement for PSC Girder at MNB Ch. 324+193
36	21.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2358	Construction of crossing falling under Narmada Canal Division No. 5 Karjan of Vadodara - Mumbai Expressway
37	21.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2360	Monthly Progress Report of M/s Patel Infrastructure Limited (PIL) (October 2020)
38	21.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2361	Monthly Payment Certificate-4 (MPC-4) for unbilled executed work as per NHA Circular under Atmanirbhar Bharat
39	23.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2364	Submission of Design and Drawing of RCC Wing Wall with varying Height at PUP/ CUP at ch. 332+615
40	23.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2365	Electrical Accident occurs to Shri Karamat Ali (Haiwa Driver of Patel Infra) near Village: Sarasvani, Tal: Padra on dated 09.10.2020 -Reg.
41	23.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2366	Inspection of Material for ROB at Ch. Km. 352+968
42	23.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2367	Monthly Payment Certificate for unbilled executed work (MPC-04)
43	23.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2368	Shifting of various 220KV & 400KV Gandhar- Dehgam Transmission Lines of POWERGRID for the proposed Vadodara- Mumbai Eight Lane Expressway in the State of Gujarat

Details of Letter Correspondence From IRCON TO PIL

Sr.	Date	Letter Number	Subject
44	23.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2369	Monthly Payment Certificate - 4 (MPC-4) for unbilled executed work as per NHA Circular under Atmanirbhar Bharat
45	24.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2370	Submission of Design & Drawing of Precast Box Culvert at Ch. 0+305 at Interchange (Ramp) location Km. 323+075
46	24.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2371	Submission of Design & Drawing of Precast Box Culvert at Chainage 0+015 at Interchange (Ramp2) location Km. 323+075
47	24.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2372	Submission of Design & Drawing of Precast Box Culvert at Chainage 0+020 at Interchange (Ramp 3) location Km. 323+075
48	24.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2375	Demand Note for ONGC, Ankleshwar Asset in r/o of oil well Karzan # 9 in Package II
49	25.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2377	Submission of Test Results of Borrow Area No. BA -93B,93C,94 & 96
50	25.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2378	Submission of Company Profile and Credentials for Source approval of M/s DECG International for procurement of Elastomeric Bearings & Expansion joint to be used in Project Expressway.
51	26.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2383	Submission of Test results for Grouting Mix Design using Ambuja, Ultratech, Hathi and Sidhee Cement
52	26.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2384	Submission of Design and Drawing of Precast Box Culvert at Chainage 0+186 at Interchange (Ramp-2) at Location km. 353+666
53	26.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2385	Submission of Design and Drawing of Precast Box Culvert at Chainage 0+560 & 0+640 at Interchange (Loop-3 & Ramp-3) at location Km. 353+666
54	27.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2388	Compliance to the observations on the Recommendation on Concessionaire's request for Extension of Time
55	28.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2389	Compliance to the observations on the Recommendation on Concessionaire's request for Extension of Time
56	28.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2390	Procedure to be followed in checking of Works of VME
57	28.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2291	Submission of Design and Drawing of Bank Seat & Approach Slab at ROB at Ch. 352+946
58	28.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2292	Submission of Design and Drawing of Bank Seat & Approach Slab at VOP at Ch. 349+441
59	28.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2394	Request for approval of application for interim Extension of Time for Project Completion Schedule (Schedule-J) in pursuant to Clause 10.5 of the Contract Agreement

Status of Non Conformance Report (NCR)

Date	Ircon Letter	Subject	Date	PIL Letter	Subject	Date	Ircon Letter	Subject	Status
10.04.2019	IRCON/3019/ VKE/PATEL/ 278	Non Conformance Report (NCR 01)	1	17.04.2019	PIL/ HO/ VKP2/ IRCON/ 264 /2019	Compliance to observation's made on Embankment Construction - Reg.			
			2	11.05.2019	PIL/ HO/ VKP2/ IRCON/ 329 /2019	Compliance to observation's made on Embankment construction - Reg.	07.10.2019	IRCON/ 3019/ VKE/ PATEL / 877	Compliance to Observations made on Embankment construction.
							07.10.2019	IRCON/ 3019/ VKE/ PATEL / 879	Closure of Non Conformance Report (NCR 01)
			3	18.05.2019	PIL/HO/ VKP2/ IRCON / 346/2019	Compliance to Observation's Made on Embankment Construction- Reg.	24.06.2019	IRCON/3019/ VKE/PATEL/ 537	Compliance to Observations Made on Embankment construction
							07.10.2019	IRCON/ 3019/ VKE/ PATEL / 877	Compliance to Observations made on Embankment construction.
							07.10.2019	IRCON/ 3019/ VKE/ PATEL / 879	Closure of Non Conformance Report (NCR 01)
			4	20.08.2019	PIL/ HO/ VKP2/ IRCON/ 592 /2019	Compliance to observations made on Embankment construction	07.10.2019	IRCON/ 3019/ VKE/ PATEL / 877	Compliance to Observations made on Embankment construction.
							07.10.2019	IRCON/ 3019/ VKE/ PATEL / 879	Closure of Non Conformance Report (NCR 01)
20.05.2019	IRCON/3019/ VKE/ PIL / 1003/ 426	Non Conformance Report (NCR 02) - Reg.	1	11.06.2019	PIL/VK2/ IRCON/ 153 /2019	Submission of Non - Conformance Report (NCR 02)	13.07.2019	IRCON/ 3019/ VKE/ PATEL / 634	Closure of Non Conformance Report (NCR 02)
14.02.2020	IRCON/ 3019/ VKE/ PATEL / 1315	Non Conformance Report (NCR 03)	1	27.02.2020	PIL/ VK2/ IRCON/ 459 / 2020	Non Conformance Report (NCR for Ch . 335+120 to 335+220 LHS) (NCR03)	07.04.2020	IRCON/ 3019/ VKE/ PATEL / 1534	Closure of Non Conformance Reports (NCR 03)
18.02.2020	IRCON/ 3019/ VKE/ PATEL / 1341	Non Conformance Report (NCR 04)							Pending
16.07.2020	IRCON/ 3019/ VKE/ PATEL / 1818	Non Conformance Report (NCR) No. 5	1	10.08.2020	PIL/ VK2/ IRCON/ 589 / 2020	Request for Closer of NCR Issued Regarding exposed & rusting steel bars – Non Conformance Report (NCR) No. 5 Reg.			
			2	26.08.2020	PIL/ VK2/ IRCON/ 609 / 2020	Request for Closer of NCR 05 Issued Regarding exposed & rusting steel bars & Submission of physical & chemical test results of Steel. – Non Conformance Report (NCR) No. 5 Reg.	31.08.2020	IRCON/ 3019/ VKE/ PATEL / 1980	Closure of Non Conformance Report (NCR No : 05)
06.08.2020	IRCON/ 3019/ VKE/ PATEL / 1875	Non Conformance Report (NCR) No. 006 & 007 (Reg. Pile cage rusting at ROB 352+946 & Damaged DLC)	1	08.08.2020	PIL/ VK2/ IRCON/ 585 / 2020	Non Conformance Report (NCR) No. 006 & 007 (Reg. Pile cage rusting at ROB 352+946 & Damaged DLC)	14.08.2020	IRCON/ 3019/ VKE/ PATEL / 1910	Closure of Non Conformance Report (NCR No :06 & 07)
07.08.2020	IRCON/ 3019/ VKE/ PATEL / 1881	Non closure of NCR issued for improper stacking of steel bars - NCR no 5 , Non Conformance Report (NCR)	1	10.08.2020	PIL/ VK2/ IRCON/ 589 / 2020	Request for Closer of NCR Issued Regarding exposed & rusting steel bars – Non Conformance Report (NCR) No. 5 Reg.			
			2	26.08.2020	PIL/ VK2/ IRCON/ 609 / 2020	Request for Closer of NCR 05 Issued Regarding exposed & rusting steel bars & Submission of physical & chemical test results of Steel. – Non Conformance Report (NCR) No. 5 Reg.	31.08.2020	IRCON/ 3019/ VKE/ PATEL / 1980	Closure of Non Conformance Report (NCR No : 05)
10.10.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2170	Non Conformance Report (NCR) No. 008 (Reg. Rain cuts at Ch 349+750 to 349+950 BHS)	1	07.11.2020	PIL/ VK2/ IRCON/ 725 / 2020	Request for Closer of NCR 008 Issued Regarding rain cuts at Ch. 349+750 to 349+950 BHS, NCR 009 Issued Regarding rain cuts at Ch. 353+150 to 353+400 BHS & NCR 014 Issued Regarding rain cuts at Ch. 352+000 to 352+100 BHS. Non Conformance Report (NCR) No. 008, 009 & 014.	16.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2351	Closure of Non Conformance Report (NCR No. 008, 009, 010, 011, 012, 013 & 014)
10.10.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2171	Non Conformance Report (NCR) No. 009 (Reg. Rain cuts at Ch 353+150 to 353+400 BHS & Waste concrete material dumped on slope of Embankment)	1	07.11.2020	PIL/ VK2/ IRCON/ 725 / 2020	Request for Closer of NCR 008 Issued Regarding rain cuts at Ch. 349+750 to 349+950 BHS, NCR 009 Issued Regarding rain cuts at Ch. 353+150 to 353+400 BHS & NCR 014 Issued Regarding rain cuts at Ch. 352+000 to 352+100 BHS. Non Conformance Report (NCR) No. 008, 009 & 014.	16.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2351	Closure of Non Conformance Report (NCR No. 008, 009, 010, 011, 012, 013 & 014)
14.10.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2192	Non Conformance Report (NCR) No. 010, 011, 012. (Huge Rain cuts from Ch. 325+550 to 325+580 LHS, Ch. 327+580 to 327+650 BHS, Ch. 328+300 to 328+400 BHS)	1	23.10.2020	PIL/ VK2/ IRCON/ 700 / 2020	Request for Closer of NCR 010 Issued Regarding huge rain cuts at Ch. 325+550 to 325+580 LHS, NCR 011 Issued Regarding huge rain cuts at Ch. 327+580 to 327+650 BHS, NCR 012 Issued Regarding huge rain cuts at Ch. 328+300 to 328+400 BHS & NCR 013 Issued Regarding huge rain cuts observed both side at Ch. 336+350 to 336+600. Non Conformance Report (NCR) No. 010, 011, 012 & 013.	05.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2297	Non Conformance Report (NCR 10 , 11 , 12 , 13)
			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.	16.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2351	Closure of Non Conformance Report (NCR No. 008, 009, 010, 011, 012, 013 & 014)
17.10.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2205	Non Conformance Report (NCR) No. 013. (Huge Rain cuts from Ch. 336+350 to 336+600 BHS)	1	23.10.2020	PIL/ VK2/ IRCON/ 700 / 2020	Request for Closer of NCR 010 Issued Regarding huge rain cuts at Ch. 325+550 to 325+580 LHS, NCR 011 Issued Regarding huge rain cuts at Ch. 327+580 to 327+650 BHS, NCR 012 Issued Regarding huge rain cuts at Ch. 328+300 to 328+400 BHS & NCR 013 Issued Regarding huge rain cuts observed both side at Ch. 336+350 to 336+600. Non Conformance Report (NCR) No. 010, 011, 012 & 013.	05.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2297	Non Conformance Report (NCR 10 , 11 , 12 , 13)
			2	09.11.2020	PIL/ VK2/ IRCON/ 726 / 2020	Request for Closer of NCR 010 Issued Regarding huge rain cuts at Ch. 325+550 to 325+580 LHS, NCR 011 Issued Regarding huge rain cuts at Ch. 327+580 to 327+650 BHS, NCR 012 Issued Regarding huge rain cuts at Ch. 328+300 to 328+400 BHS & NCR 013 Issued Regarding huge rain cuts observed both side at Ch. 336+350 to 336+600. Non Conformance Report (NCR) No. 010, 011, 012 & 013.	16.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2351	Closure of Non Conformance Report (NCR No. 008, 009, 010, 011, 012, 013 & 014)
27.10.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2246	Non Conformance Report (NCR) No. 014 (Huge Rain cuts observed from ch. 352+000 to 352+100 BHS)	1	07.11.2020	PIL/ VK2/ IRCON/ 725 / 2020	Request for Closer of NCR 008 Issued Regarding rain cuts at Ch. 349+750 to 349+950 BHS, NCR 009 Issued Regarding rain cuts at Ch. 353+150 to 353+400 BHS & NCR 014 Issued Regarding rain cuts at Ch. 352+000 to 352+100 BHS. Non Conformance Report (NCR) No. 008, 009 & 014.	16.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2351	Closure of Non Conformance Report (NCR No. 008, 009, 010, 011, 012, 013 & 014)
05.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2297	Non Conformance Report (NCR Returned) (NCR 10 , 11 , 12 , 13)	1	09.11.2020	PIL/ VK2/ IRCON/ 726 / 2020	Request for Closer of NCR 010 Issued Regarding huge rain cuts at Ch. 325+550 to 325+580 LHS, NCR 011 Issued Regarding huge rain cuts at Ch. 327+580 to 327+650 BHS, NCR 012 Issued Regarding huge rain cuts at Ch. 328+300 to 328+400 BHS & NCR 013 Issued Regarding huge rain cuts observed both side at Ch. 336+350 to 336+600. Non Conformance Report (NCR) No. 010, 011, 012 & 013.			Closed
16.11.2020	IRCON/ 3019/ VKE/ PATEL /1003/ 2351	Closure of Non Conformance Report (NCR No. 008, 009, 010, 011, 012, 013 & 014)							Closed

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 November -2020

Client

National Highways Authority of India

Concessionaire

Iron Vadodara Kim Expressway Ltd.

Independent Engineer

Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.

EPC Contractor

Iron International Ltd.

Contractor

Patel Infrastructure Ltd.

S. No.	DATE	TEMPERATURE (°C)		HUMIDITY (%)		RAINFALL (mm)	CUMMULATIVE RAINFALL (mm)	WEATHER	REMARKS
		Min.	Max.	Min.	Max.				
1	01-Nov-20	21.6	32.4	24.00	67.00	-	1,284.40	Sunny	
2	02-Nov-20	22.9	32.3	23.00	65.00	-	1,284.40	Sunny	
3	03-Nov-20	22.5	32.6	24.00	69.00	-	1,284.40	Sunny	
4	04-Nov-20	22.8	31.8	23.00	67.00	-	1,284.40	Sunny	
5	05-Nov-20	21.8	32.6	24.00	70.00	-	1,284.40	Sunny	
6	06-Nov-20	22.0	32.2	24.00	69.00	-	1,284.40	Sunny	
7	07-Nov-20	21.2	32.6	24.00	71.00	-	1,284.40	Sunny	
8	08-Nov-20	21.4	32.2	24.00	70.00	-	1,284.40	Sunny	
9	09-Nov-20	20.8	31.4	24.00	71.00	-	1,284.40	Sunny	
10	10-Nov-20	21.2	31.6	24.00	69.00	-	1,284.40	Sunny	
11	11-Nov-20	20.8	31.2	22.00	71.00	-	1,284.40	Sunny	
12	12-Nov-20	20.6	30.8	24.00	70.00	-	1,284.40	Sunny	
13	13-Nov-20	18.0	33.0	22.00	71.00	-	1,284.40	Sunny	
14	14-Nov-20	19.0	35.0	23.00	70.00	-	1,284.40	Sunny	
15	15-Nov-20	20.0	35.0	22.00	69.00	-	1,284.40	Sunny	
16	16-Nov-20	19.0	34.0	22.00	71.00	-	1,284.40	Sunny	
17	17-Nov-20	20.0	33.0	24.00	70.00	-	1,284.40	Sunny	
18	18-Nov-20	18.9	32.6	22.00	71.00	-	1,284.40	Sunny	
19	19-Nov-20	21.8	30.7	40.00	73.00	-	1,284.40	Sunny	
20	20-Nov-20	21.2	30.4	38.00	72.00	-	1,284.40	Sunny	
21	21-Nov-20	20.8	29.6	32.00	74.00	-	1,284.40	Sunny	
22	22-Nov-20	21.2	29.4	40.00	68.00	-	1,284.40	Sunny	
23	23-Nov-20	20.8	30.6	42.00	73.00	-	1,284.40	Sunny	
24	24-Nov-20	20.6	29.8	41.00	72.00	-	1,284.40	Sunny	
25	25-Nov-20	21.2	30.4	53.00	73.00	-	1,284.40	Sunny	
26	26-Nov-20	20.8	29.6	48.00	72.00	-	1,284.40	Sunny	
27	27-Nov-20	21.2	30.2	32.00	73.00	-	1,284.40	Sunny	
28	28-Nov-20	19.6	29.4	57.00	75.00	-	1,284.40	Sunny	
29	29-Nov-20	21.2	30.5	40.00	75.00	-	1,284.40	Sunny	
30	30-Nov-20	21.8	31.2	42.00	72.00	-	1,284.40	Sunny	

Cummulative Rainfall Till Date

1,284.40 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	Iron Con Vadoara Kim Expressway Ltd
Independent Engineer	Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.
EPC Contractor	Iron International Ltd.
Contractor	Patel Infrastructure Ltd.

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

OGL

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

Shoulder

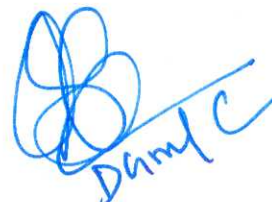
S.No	Description of Test	No. of Test Conducted upto previous month			No. of Test Conducted during this Month				Cummulative Total			Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		I.E. Witness	No. of Test Conducted	Results		
			Passed	Failed		Passed	Failed			Passed	Failed	
1	Proctor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

Existing Site Sample (MCW/SR)

S.No	Description of Test	No. of Test Conducted upto previous month			No. of Test Conducted during this Month				Cummulative Total			Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		I.E. Witness	No. of Test Conducted	Results		
			Passed	Failed		Passed	Failed			Passed	Failed	
1	Proctor Test	38	38	0	5	5	0	2	43	43	0	Frequency of testing is as per specification
2	LL/PI	20	20	0	5	5	0	2	25	25	0	
3	Sand Content (GSA)	20	20	0	5	5	0	2	25	25	0	
4	Free Swell Index	20	20	0	5	5	0	2	25	25	0	
5	C.B.R	42	42	2	2	2	0	1	44	44	2	



EPC Representative



Concessionaire Representative



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

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

Borrow Materials (Qty- 453000)

S.No	Description of Test	No. of Test Conducted upto previous month			No. of Test Conducted during this Month				Cummulative Total			Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		I.E. Witness	No. of Test Conducted	Results		
			Passed	Failed		Passed	Failed			Passed	Failed	
1	Proctor Test	4610	4610	0	302	302	0	45	4912	4912	0	Frequency of testing is as per specification
2	LL/PI	4610	4610	0	302	302	0	45	4912	4912	0	
3	Sand Content (GSA)	4610	4610	0	302	302	0	45	4912	4912	0	
4	Free Swell Index	4610	4610	0	302	302	0	45	4912	4912	0	
5	C.B.R	854	795	59	60	60	0	12	914	855	59	
6	C.B.R (Soil Blended with Sand/Lime/Copper)	16	5	11	0	0	0	0	16	5	11	

Soil Stabilization

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

Granular Sub Base (Qty- 9360 cum)

S.No	Description of Test	No. of Test Conducted upto previous month			No. of Test Conducted during this Month				Cummulative Total			Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		I.E. Witness	No. of Test Conducted	Results		
			Passed	Failed		Passed	Failed			Passed	Failed	
1	Proctor Test	8	8	0	34	34	0	10	42	42	0	Frequency of testing is as per specification
2	Gradation	459	451	8	34	34	0	10	493	485	8	
3	LL/PI	423	423	0	34	34	0	10	457	457	0	
4	10% fines Value	2	2	0	0	0	0	0	2	2	0	
5	AIV	33	33	0	0	0	0	0	33	33	0	
6	C.B.R	8	8	0	0	0	0	0	8	8	0	



EPC Representative



Concessionaire Representative



2

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

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

Existing Site Sample(GSB/WMM)

S.No	Description of Test	No. of Test Conducted upto previous month			No. of Test Conducted during this Month				Cummulative Total			Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		I.E. Witness	No. of Test Conducted	Results		
			Passed	Failed		Passed	Failed			Passed	Failed	
1	Proctor Test	0	0	0	0	0	0	0	0	0	0	Frequency of testing is as per specification
2	Gradation	14	14	0	0	0	0	14	14	0		
3	LL/PI	14	14	0	0	0	0	14	14	0		
4	A.I.V.	0	0	0	0	0	0	0	0	0		
5	F.I. & E.I.	0	0	0	0	0	0	0	0	0		
6	10% fines Value	0	0	0	0	0	0	0	0	0		
7	Water Absorption	0	0	0	0	0	0	0	0	0		
8	L.A.A.V	0	0	0	0	0	0	0	0	0		
9	CBR	0	0	0	0	0	0	0	0	0		

Concrete Works

S.No	Description of Test	No. of Test Conducted upto previous month			No. of Test Conducted during this Month				Cummulative Total			Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		I.E. Witness	No. of Test Conducted	Results		
			Passed	Failed		Passed	Failed			Passed	Failed	
A.	Compressive Strength of concrete cubes											
1	Concrete (Grouting)											
	7 days	0	0	0	2	2	0	1	0	2	0	
	28 days	0	0	0	1	1	0	1	0	1	0	
2	M-15 Concrete											
	7 Days	0	0	0	0	0	0	0	0	0	0	
	28 days	0	0	0	0	0	0	0	0	0	0	
3	M-20 Kerb (Qty- 256 Cum)											
	7 Days	10	10	0	8	8	0	3	18	18	0	
	28 days	6	6	0	6	6	0	2	12	12	0	
4	M-20 Concrete (Qty- 1177 Cum)											
	7 Days	933	933	0	74	74	0	19	1007	1007	0	
	28 days	2018	2018	0	108	108	0	27	2126	2126	0	
5	M-25 Concrete											
	7 Days	0	0	0	0	0	0	0	0	0	0	
	28 days	0	0	0	0	0	0	0	0	0	0	



EPC Representative



Concessionaire Representative



3

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

MONTHLY PROGRESS REPORT (PKG-II)

The Month of November -2020

6	M-30 Concrete (Qty- 4930 Cum)										
	7 Days	736	736	0	112	112	0	28	848	848	0
	28 days	2484	2484	0	226	226	0	57	2710	2710	0
7	M-35 (Pile) (Qty- 228 Cum)										
	7 Days	1004	1004	0	17	17	0	9	1021	1021	0
	28 days	5171	5171	0	60	60	0	30	5231	5231	0
8	M-35 (RCC) (Qty- 5345 Cum)										
	7 Days	1390	1390	0	86	86	0	52	1476	1476	0
	28 days	4998	4998	0	502	502	0	301	5500	5500	0
9	M-35 (RE)										
	7 Days	161	161	0	0	0	0	0	161	161	0
	28 days	604	604	0	0	0	0	0	604	604	0
10	M-40 Concrete (Qty- 644 Cum)										
	7 Days	125	125	0	50	50	0	40	175	175	0
	28 days	297	297	0	126	126	0	101	423	423	0
11	M-45 Concrete (Qty- 920 Cum)										
	7 Days	43	43	0	29	29	0	29	72	72	0
	28 days	151	151	0	116	116	0	116	267	267	0
12	M-50 Concrete (Qty- 210 Cum)										
	7 Days	7	7	0	13	13	0	13	20	20	0
	28 Days	1	1	0	40	40	0	40	41	41	0
13	End Block(GP2)	0	0	0	0	0	0	0	0	0	0
14	DLC Concrete (Qty- 6940 Cum)										
	07 days	304	304	0	60	60	0	32	364	364	0
15	PQC (M-40) (Qty- 26280 Cum)										
	7 Days	76	76	0	48	48	0	48	124	124	0
	28 days	51	51	0	148	148	0	148	199	199	0
16	Beam										
	7 Days	76	76	0	48	48	0	48	124	124	0
	28 days	51	51	0	148	148	0	148	199	199	0



EPC Representative



Concessionaire Representative



4

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

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

MONTHLY PROGRESS REPORT (PKG-II)

The Month of November -2020

a)	D.L.C. (Combined Gradation)	118	118	0	28	28	0	11	146	146	0
b)	P.Q.C. (Combined Gradation)	43	43	0	27	27	0	16	70	70	0
c)	Coarse Aggregate Gradation	506	506	1	26	26	0	6	532	532	1
d)	Fine Aggregate Gradation	505	505	0	26	26	0	6	531	531	0
e)	Flakiness Index	260	260	0	81	81	0	12	341	341	0
f)	Impact Test	259	259	0	81	81	0	12	340	340	0
g)	Specific Gravity	18	18	0	3	3	0	3	21	21	0
h)	Water Absorption	18	18	0	3	3	0	3	21	21	0
B. Testing of stone											
a)	Petrographical Examination	4	4	0	0	0	0	0	4	4	0
b)	Alkali Agg Reactivity	5	5	0	0	0	0	0	5	5	0
c)	Chloride Content	5	5	0	0	0	0	0	5	5	0
d)	Sulphate Content	5	5	0	0	0	0	0	5	5	0
e)	Del material Content	5	5	0	0	0	0	0	5	5	0
f)	Sp. Gr & Water Absorption	5	5	0	0	0	0	0	5	5	0

Cement Testing

(i) OPC-43 Grade

S.No	Description of Test	No. of Test Conducted upto previous month			No. of Test Conducted during this Month				Cummulative Total			Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		I.E. Witness	No. of Test Conducted	Results		
			Passed	Failed		Passed	Failed			Passed	Failed	
1	Consistency	58	58	0	10	10	0	3	68	68	0	Frequency of testing is as per specification
2	Initial & Final Setting Time	58	58	0	10	10	0	3	68	68	0	
3	Fineness	58	58	0	10	10	0	3	68	68	0	
4	Specific Gravity	4	4	0	0	0	0	0	4	4	0	
5	3 days Comp. Strength	61	61	0	14	14	0	5	75	75	0	
6	7 days Comp. Strength	45	45	0	13	13	0	6	58	58	0	
7	28 days Comp. Strength	27	27	0	11	11	0	3	38	38	0	



EPC Representative



Concessionaire Representative




IE Representative

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

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

MONTHLY PROGRESS REPORT (PKG-II)

The Month of November -2020


a)	D.L.C. (Combined Gradation)	118	118	0	28	28	0	11	146	146	0
b)	P.Q.C. (Combined Gradation)	43	43	0	27	27	0	16	70	70	0
c)	Coarse Aggregate Gradation	506	506	1	26	26	0	6	532	532	1
d)	Fine Aggregate Gradation	505	505	0	26	26	0	6	531	531	0
e)	Flakiness Index	260	260	0	81	81	0	12	341	341	0
f)	Impact Test	259	259	0	81	81	0	12	340	340	0
g)	Specific Gravity	18	18	0	3	3	0	3	21	21	0
h)	Water Absorption	18	18	0	3	3	0	3	21	21	0
B.	Testing of stone										
a)	Petrographical Examination	4	4	0	0	0	0	0	4	4	0
b)	Alkali Agg Reactivity	5	5	0	0	0	0	0	5	5	0
c)	Chloride Content	5	5	0	0	0	0	0	5	5	0
d)	Sulphate Content	5	5	0	0	0	0	0	5	5	0
e)	Del material Content	5	5	0	0	0	0	0	5	5	0
f)	Sp. Gr & Water Absorption	5	5	0	0	0	0	0	5	5	0

Cement Testing

(i) OPC-43 Grade

S.No	Description of Test	No. of Test Conducted upto previous month			No. of Test Conducted during this Month				Cummulative Total			Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		I.E. Witness	No. of Test Conducted	Results		
			Passed	Failed		Passed	Failed			Passed	Failed	
1	Consistency	58	58	0	10	10	0	3	68	68	0	Frequency of testing is as per specification
2	Initial & Final Setting Time	58	58	0	10	10	0	3	68	68	0	
3	Fineness	58	58	0	10	10	0	3	68	68	0	
4	Specific Gravity	4	4	0	0	0	0	0	4	4	0	
5	3 days Comp. Strength	61	61	0	14	14	0	5	75	75	0	
6	7 days Comp. Strength	45	45	0	13	13	0	6	58	58	0	
7	28 days Comp. Strength	27	27	0	11	11	0	3	38	38	0	


EPC Representative


Concessionaire Representative



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

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

(ii) OPC-53 Grade

S.No	Description of Test	No. of Test Conducted upto previous month			No. of Test Conducted during this Month				Cummulative Total			Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		I.E. Witness	No. of Test Conducted	Results		
			Passed	Failed		Passed	Failed			Passed	Failed	
1	Consistency	219	219	0	9	9	0	2	228	228	0	
2	Initial & Final Setting Time	219	219	0	9	9	0	2	228	228	0	
3	Fineness	219	219	0	9	9	0	2	228	228	0	
4	Specific Gravity	2	2	0	0	0	0	0	2	2	0	
5	3 days Comp. Strength	225	225	0	12	12	0	5	237	237	0	
6	7 days Comp. Strength	214	214	0	14	14	0	5	228	228	0	
7	28 days Comp. Strength	210	210	0	12	12	0	5	222	222	0	

Design Mix/Nominal Mix

S.No	Description of Test	No. of Test Conducted upto previous month			No. of Test Conducted during this Month				Cummulative Total			Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		I.E. Witness	No. of Test Conducted	Results		
			Passed	Failed		Passed	Failed			Passed	Failed	
1	M-15	0	0	0	0	0	0	0	0	0	0	(28 days Strength Achieved)
2	M-20	48	48	0	0	0	0	48	48	0	0	
3	M-20 (Kerb)	4	4	0	0	0	0	4	4	0	0	
4	M-25	0	0	0	0	0	0	0	0	0	0	
5	M-30	49	49	0	0	0	0	49	49	0	0	
6	M-35 (R.C.C.)	49	49	0	0	0	0	49	49	0	0	
7	M-35 (Piling)	47	47	0	0	0	0	49	49	0	0	
8	M-35 (RE- Block)	9	9	0	0	0	0	47	47	0	0	
9	M-40	49	49	0	0	0	0	9	9	0	0	
10	M-45	13	13	0	0	0	0	49	49	0	0	
11	M-50	12	12	0	0	0	0	13	13	0	0	
12	Grouting	4	4	0	0	0	0	12	12	0	0	
13	GP2	0	0	0	2	2	0	6	6	0	0	
14	D.L.C.	13	13	0	0	0	0	0	0	0	0	
15	G.S.B.	2	2	0	0	0	0	13	13	0	0	
16	W.M.M.	0	0	0	0	0	0	2	2	0	0	
17	M-40 P. Q. C.	27	27	0	4	4	0	0	0	0	0	
18	DBM GRADE - II	0	0	0	0	0	4	31	31	0	0	
19	BC GRADE - II	0	0	0	0	0	0	0	0	0	0	


 EPC Representative


 Concessionaire Representative



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

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

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

Calibrations

S.No	Description of Test	No. of Test Conducted upto previous month			No. of Test Conducted during this Month				Cummulative Total			Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		I.E. Witness	No. of Test Conducted	Results		
			Passed	Failed		Passed	Failed			Passed	Failed	
1	DLC Plant	2	2	0	0	0	0	0	2	2	0	
2	Concrete Batching Plant	45	45	0	2	2	0	2	47	47	0	
3	Hot Mix Plant	0	0	0	0	0	0	0	0	0	0	
4	Rapid Moisture Meter	29	29	0	1	1	0	1	30	30	0	
5	Sand Pouring Cylinder	52	52	0	3	3	0	1	55	55	0	
6	C.T.M.	3	3	0	0	0	0	0	3	3	0	
7	F.T.M.	1	1	0	0	0	0	0	1	1	0	
8	Weight & Balance	9	9	0	0	0	0	0	9	9	0	
9	Proving rings											
	a) 2.5 KN	1	1	0	0	0	0	0	1	1	0	
	b) 25 KN	1	1	0	0	0	0	0	1	1	0	
	c) 50 KN	1	1	0	0	0	0	0	1	1	0	
	d) 100 KN	0	0	0	0	0	0	0	0	0	0	
10	Hot Mix Linnhoff 320	0	0	0	0	0	0	0	0	0	0	

Field Density Test

S.No	Description of Test	No. of Test Conducted upto previous month			No. of Test Conducted during this Month				Cummulative Total			Remarks
		No. of Test Conducted	Results		No. of Test Conducted	Results		I.E. Witness	No. of Test Conducted	Results		
			Passed	Failed		Passed	Failed			Passed	Failed	
1	O.G.L.	3152	3144	8	0	0	0	0	3152	3144	8	
2	Embankment (Qty- 424060)	14182	14182	0	4240	4240	0	848	18422	18422	0	
3	Subgrade (Qty- 37660)	1630	1630	0	836	836	0	167	2466	2466	0	
4	G.S.B (Qty- 9360)	2048	2048	0	348	348	0	35	2396	2396	0	
5	W.M.M	0	0	0	0	0	0	0	0	0	0	
6	D.L.C.	613	613	0	225	225	0	23	838	838	0	
7	C.T.B.	0	0	0	0	0	0	0	0	0	0	
8	BSM	0	0	0	0	0	0	0	0	0	0	
9	Back filling	136	131	5	0	0	0	0	136	131	5	
10	Shoulder/Median	0	0	0	0	0	0	0	0	0	0	
11	Embankment (RE Wall)	254	254	0	0	0	0	0	254	254	0	

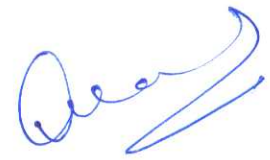
Frequency of testing is as per specification (Set)
 Ground Improvement
 PDD Test witness
 By Site A.I.H.D



EPC Representative



Concessionaire Representative



XI. ACCIDENT REPORT

Month : November 2020

Accident Report

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



PQC work 338+450



328+500 GSB Rolling in Progress



Curing of PQC with sprinkler at 333



PQC work at Km 340



333+351 CUP RE Wall in progress



335+402 LVUP Approaches RE Wall in progress



336+810 MJB



Km 343 subgrade in progress



343+566 MNB PSC Girder Profile & Shuttering work



Vadodara

Flyover With
RE Wall
At Km 344+383

Kim

344+383 Flyover



Vadodara

BOX Culvert
At Km 345+474

Kim

345+474 Box culvert



Vadodara

Kim

343+566 MNB PSC Girder



348+460 LVUP RHS Slab in progress



351+825 LVUP RHS slab in progress



FDD Checking at ch 334+275 to 334+350 RHS



330+640 MNB PSC Girder stressing work in progress

Vadodara



Kim

ROB
At Km 352+946

ROB 352+946

Vadodara



Kim

Retaining Wall
At Km 353+000 To 353+600

Retaining wall work in progress at Km 353+000 to 353+600



Precast shoulder " U " Drain at ch 339+800



336+810 MJB Girder concrete Pouring work



Quality inspection of Expressway by Concessionaire,
work of utility duct in progress



Beam Testing by C.G.M. SIR



Kerb laying in progress at ch 339+840



DLC Laying work is in Progress at ch 328+420 Median Side



Slope Rolling work 332+400 LHS



Slope dressing at ch 335+500 to 335+600 RHS



Geo cell laying in progress 335+500 RHS



Slope Coir mate work at ch 339+400 LHS