

PVKEPL/HO/VKP3/IE/146/2020

Date: - 07.08.2020

To,
Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.,
House No.2, Auroville,
Opp. C.M Patel Farm,
Behind DPS School, Kalali,
Vadodara-390012, Gujarat.

Project:- Construction of Eight lane Vadodara Kim Expressway from Km 323.00 to Km 292.00 (Sanpa to Manubar Section of Vadodara Mumbai Expressway) in the State of Gujarat under NHDP Phase - VI on Hybrid Annuity Mode (Phase IA- Package III)

Subject:- Submission of Monthly Progress Report for the Month of July'20-Reg.

Ref: IE letter no. AA/VKE/PVKEPL/418/20-21/MPR /1982 dated 10.07.2020

Dear Sir,

With reference to above subject matter and in accordance with provision provided under clause 13.1 of the concession Agreement, we are herewith submitting the Monthly Progress Report for the Month of July, 2020 for the aforesaid project work.

Further, the communicated comments vide your office letter no.1982 on Monthly Progress Report for the Month of June, 2020 is incorporated in our submission and details of this compliance are as detailed under annexure-1 attached herewith

This is for your information and record please.

Thanking you,

Yours Faithfully,

For, Patel Infrastructure Limited



Authorized Signatory

Pankaj Sachan


General Manager (Tech.)


Enc.:- As above.

Copy to: GM (Tech) & Project Director, National Highway Authority of India, PIU Bharuch
AAI-8, Rangkrishna Avenue Society, Near Zadeshwar chowkdi, Sukaltirth Road,
Bharuch (Gujrat)-392011 - For your information please.

Encl.:- As Above.

Annexure - 1

Sr.No/ Section	Comment by IE	Compliance/ Clarification by the Concessionaire
1	<p>4.2 (A) Status of permission and approval The Concessionaire has mentioned the various permissions and approval have been received/ obtained and copies attached with this MPR but some of copies are also left for attachment such as (A) Licence for use of explosives (B) Licence from Inspector of factories or competent authorities for setting up Batching plant (C) Permission of village Panchayat and State Government for borrow earth. A copy of such approval and permissions to comply with schedule - E of CA shall be furnished in the forthcoming MPR for our review and comments</p>	<p>Licence for use of explosives and Borrow area permissions attached as Annexure 12. Licence from Inspector of factories or competent authorities for setting up Batching plant is applied, shall be provided once received</p>
2	<p>4.3 B) Utility shifting/ Tree Cutting Progress Status- Nos. The Concessionaire has tabulated the balance list of utility shifting status to be shifted as 64 nos. All the above status of utilities have been verified by the IE at site and it was found maximum number of electrical polls (New polls) have been erected at the location of each crossing. During this month, shifting of DGVCL lines on 7 nos are completed and 1 is in progress. In addition to above, no activities were noticed for shifting of GETCO lines.</p>	<p>For DGVCL lines Work in Progress. 7 nos completed up to June-2020 and 3 nos completed this month Making total of 10 nos. However continuous rain affecting the work progress.</p> <p>For GETCO (HT) Lines, Estimates has been approved by NHA1 on 05.12.19. Preliminary survey completed and 2 Drawings are approved from NHA1 as well as GETCO for which Material Inspection Request has been raised. Another 2 Drawings (soft copy) submitted to GETCO.</p>
3	<p>6.0 Mobilization of Resources The Concessionaire has mentioned the list of equipments deployed during the month of June against required resources as per their work program. But not included the list of manpower details which is also required to be enclosed in forthcoming monthly progress report which please be noted. The IE has verified the status of deployed equipments / machineries at site and our observations is enclosed in Annexure - V for your information and necessary modification in records.</p>	<p>Total Resources Mobilized for Project are considered. Few earthwork contractors Equipment Idle in subcontractor Camp as Borrow earth is having excess moisture due to recent Rains.</p> 

<p>4</p>	<p>Construction programme Revised Construction work program has been submitted by the Concessionaire vide there latter no PVKEPL/HO/ VKP3/IE/093/ 2020 dt.12.05.2020. The same was reviewed by the IE and some of observations were issued vide IE's office latter no AA/ VKE/ PVKEPL/376/ 20-21/PROGRAMME/1755 Dated incorporate / comply with the various observations highlighted therein for re-submission. But the same has not been submitted so far. In view of above, Concessionaire is requested to submit the above on priority please.</p>	<p>IE has Communicated approval of Revised Construction time Schedule vide letter no AA/VKE/PVKEPL/376/20-21/PROGRAMME/1755 Dated 16.05.2020 accordingly hard copies of Revised Construction time Schedule are submitted to your good office.</p>
<p>5</p>	<p>8.0 QA / QC Report The Concessionaire has mentioned the Number of test conducted at site during the month of March for different items of work. During construction on regular basis, IE representative have witnessed/ carried out all the routine test at Laboratory (Base camp at Ch. 299+ 350 on RHS). The details of test conducted by the representative of IE are enclosed as Annexure - VI for your information and records.</p>	<p>Annexure - VI was not found in your letter</p>
<p>6</p>	<p>9.0 Safety Features The Concessionaire has mentioned the safety features adopted during the month of June at only one location in the entire stretch of Project Highway which is required to be implemented at various locations such as each of diversion, near ROB, Fly over, VOP and near to all major construction of MNB and MJB. Also it is required to be enclosed the action taken report on the safety measures adopted at site for prevention against COVID-19.</p>	<p>Concessionaire attaching Detailed Report for every month attached in every MPR as Annexure 10- Site Safety report. Please refer report in this regard.</p>
<p>7</p>	<p>9.2 Accident report The Concessionaire has mentioned one accident occurred at Ch. 303+808 between Bharat benz and bolero which was occurred during the month of April-20. No accident reports have been indicated for the month of June-20, is to be rectified.</p>	<p>Comments Rectified.</p> 

8	Review status of Drawings / Design repots The Concessionaire has tabulated the list of reviewed status of design and drawing for each of drawings for highway/ structure/ pavement. The status of design and drawing has been summarized in remarks column by the Concessionaire. IE has already reviewed the status of design and drawing and offered comments/ approval against each of submission within the time frame.	Agreed.
9	Review status of source approvals 8c Mix Design The Concessionaire has mentioned the details of Source approval of different types of construction material In tabular form. IE has reviewed regularly the submission of status for source and mix design and given their comments/approval accordingly within time frame.	Agreed.





NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Road Transport and Highways)

Construction of Eight lane Vadodara Kim Expressway from Km 323.00 to Km 292.00 (Sanpa to Manubar Section of Vadodara Mumbai Expressway) in the State of Gujarat under NHDP Phase - VI on Hybrid Annuity Mode (Phase IA-Package III)

MONTHLY PROGRESS REPORT 17 FOR THE MONTH OF JULY-2020



Client	: NATIONAL HIGHWAYS AUTHORITY OF INDIA.
Concessionaire	: Patel Vadodara - Kim Expressway Private Limited.
Independent Engineer	: Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.
EPC Contractor	: Patel infrastructure Limited.

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1.0 EXECUTIVE SUMMARY

The Patel Vadodara - Kim Expressway Private Limited. has been awarded Construction of Eight Lane Vadodara Kim Expressway from Km 323.00 to Km 292.00 (Sanpa to Manubar)Section of Vadodara Mumbai Expressway) in the State of Gujarat Under NHDP Phase - VI on Hybrid Annuity Mode (Phase IA- Package III).

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 Bharuch Districts. The Function of expressway is to cater for movement of heavy volumes 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 or commercial concentrations, and the central business district. 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 and passengers and pedestrian traffic are not permitted on these highways.

This report covers the activities for the month of July 2020. The Embankment work of the main carriageway is started and 26.78 Km of work is in progress and Embankment top in 11.45 Km, Sub grade top 9.12 Km, Granular Sub base in 6.20 km, Dry Lean Concrete in 5.69 Km and Pavement Quality Concrete completed in 0.87 km. The overall Physical progress as on 31st May 2020 is assessed to be approximately 41.63%. The financial progress achieved as on 31st May 2020 is assessed to be 39.98 %.

The Project involves the Eight Lane new alignment with divided carriageway having total 119 structures which include 1-ROB, 1-Flyover, 1-VOP, 3-MJBs.

The Major National Highways and State Highways intersecting the project corridor are NH-228, SH-161.

1.1 Construction progress in current month

Key reporting metrics	Value/ %/ Amount
Scheduled Physical Progress (%)	58.73 %
Cumulative Physical Progress up to current month (%)	41.63%
Physical Progress Achieved during current month (%)	0.41 %
Financial progress (%)	39.98 %
Cumulative Expenditure till date (Rs Cr)	684.42 Cr.
Number of pending COS proposals	NIL
Amount for pending COS (Rs Cr)	NIL

1.2 Project Synopsis

National Highways Authority of India plans to undertake the Construction of new alignment 8-lane from Sanpa to Manubar from Km 323.00 to Km 292.00 in the State of Gujarat under NHDP Phase-VI on Hybrid Annuity Mode (Length 31.00 Km.) – Package III.

The project involves new alignment from Km 323.00 to Km 292.00 the 8-lane divided carriageway. It includes the construction of bridges, intersections, Connecting roads, culverts and related infrastructure, and the installation of signaling systems and signboards. The project will be developed under National Highways Development Project (NHDP) Phase-VI on Hybrid Annuity Mode.

Proposed alignment

Sr.No	Design Chainage		Length	Village	Remark
1	323+000	321+600	1.40	Matar Talpad	
2	321600	318+900	2.70	Suthodara	
3	318+900	317+200	1.70	Danda	
4	317+200	314+300	2.90	Dora	
5	314+300	310+900	3.40	Simartha	
6	310+900	307+750	3.15	Kurchan	
7	307+750	305+550	2.20	Karela	
8	305+550	301+200	4.35	Kelod	
9	301+200	300+500	0.70	Tralsa	
10	300+500	297+550	2.95	Dayadara	
11	297+550	296+050	1.50	Tralsi	
12	296+050	293+850	2.20	Derol	
13	293+850	292+700	1.15	Tham	
14	292+700	292+000	0.70	Manubar	
		Total	31	Km	

1.3 Strip Plan (Summary)

1. Work front Unavailable & reason for Unavailability			2. Length completed by layer (MCW)				3. Length completed by layer (Service Road)		
	Length (km)	% Total Pending Length		Length (km)		% Total Length		Length (km)	%Total Length
				Completed	In Progress				
Total Length	31.00	100%	Total Length	29.37		100%	Total Length	-	-
Pending Land Acquisition(A)	0.335	1.08%	Total Length Completed (Till PQC)	0.875	-	2.98%	Total Length Completed (Till DBM)	-	-
Pending Clearances Encumbrances(Utilities like electrical, water ,tree cutting)(B)	1.184	3.81%	DLC	5.69	-	19.37%	BC	-	-
Total Work front Unavailable (C=A+B)	1.519	4.90%	GSB	6.20	2.92	21.11%	WMM	-	-
			Sub-Grade	9.12	2.33	31.05%	GSB	-	-
			Embankment Top	11.45	15.33	38.98%	Sub-Grade	-	-
			C&G	28.85		98.23%	C&G	-	-

Land Acquisition- 0.335 Km

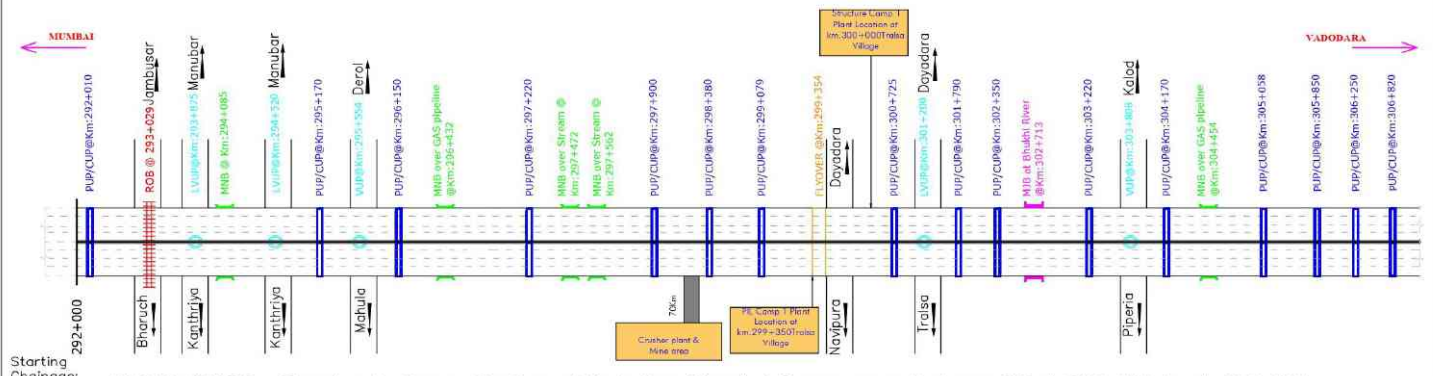
GETCO 0.884 Km

Gas Pipe line 0.180 Km

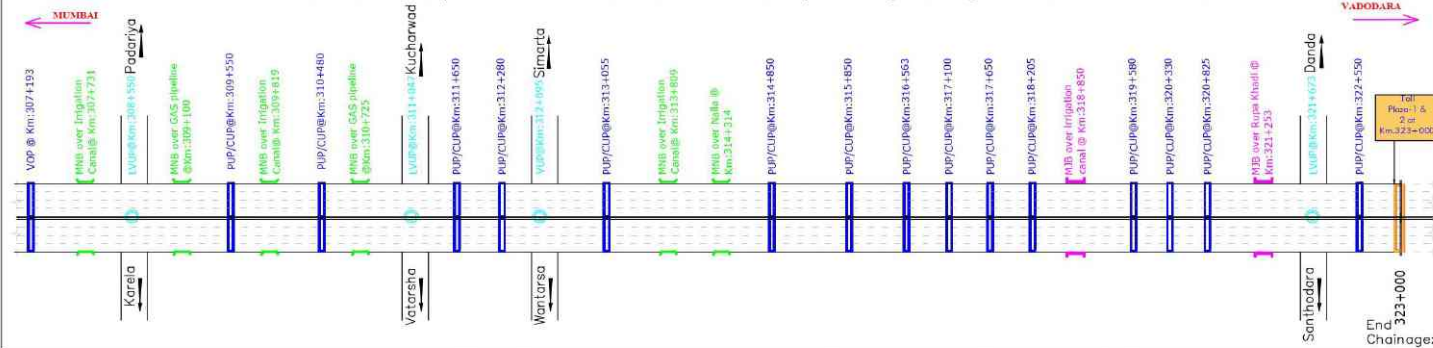
DGVCL 0.120 Km

Total Hindered Length 1.519 km

STRIP CHART:- Manubar to Sanpa Section of Vadodara Mumbai Expressway Package-III ch-292.000 to Ch-306.850



STRIP CHART:- Manubar to Sanpa Section of Vadodara Mumbai Expressway Package-III ch-306.850 to ch-323.000



LEGENT:

- Major Bridge (MIB)
- Minor Bridge (MNB)
- Grade Separated Structure (VUP/LVUP)
- Under Pass (PUP/CUP)
- Flyover
- Toll Plaza
- Rigid Pavement
- Railway Over Bridge (ROB)

Salient Features of Project:

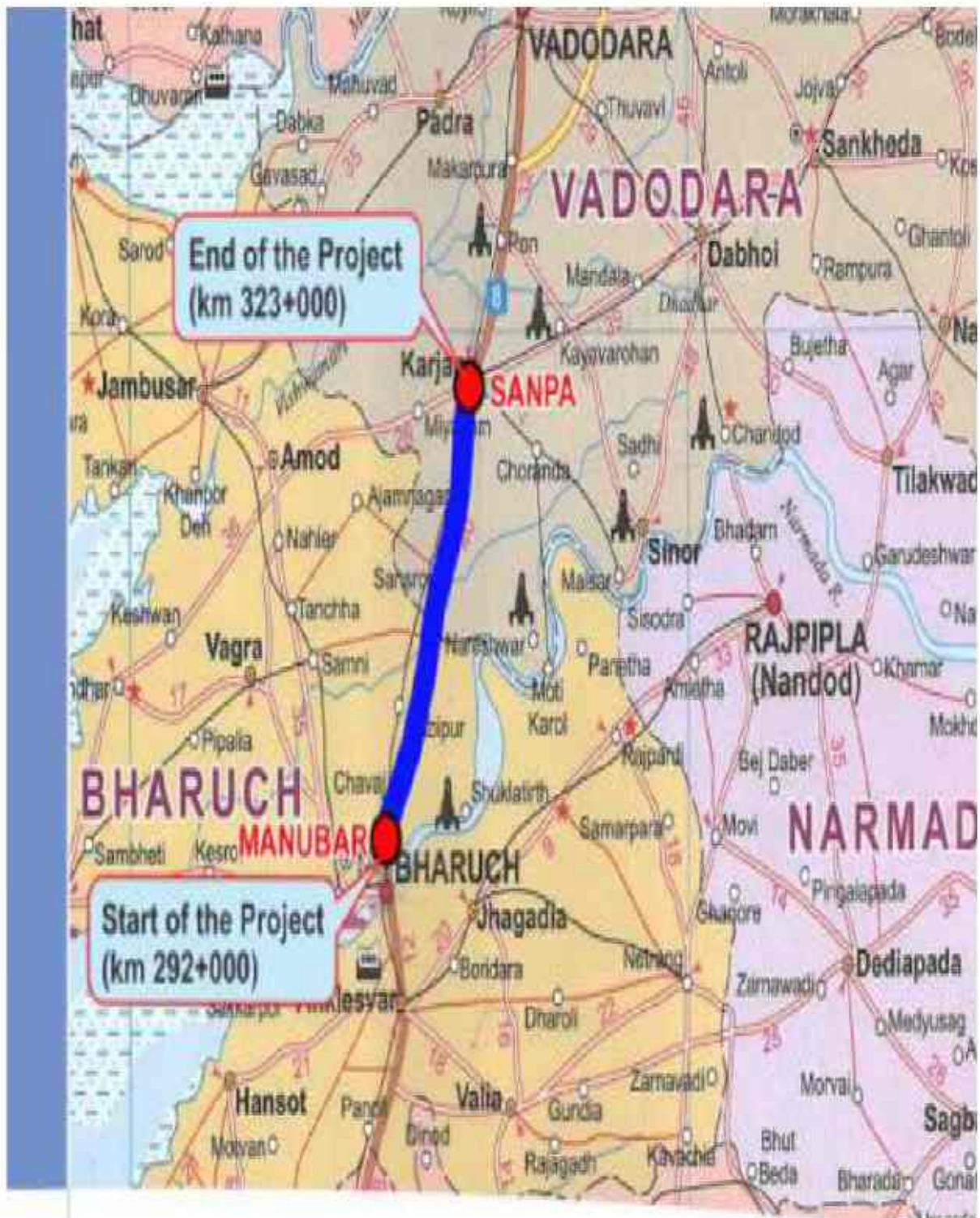
Sl. No.	Description	Unit	Scope	Sl. No.	Description	Unit	Scope
1.	Total Length of Project	km	31.000	9.	Flyover	Nos.	01
2.	Length of Connecting Road	km	1.400	10.	Major Interchange	Nos.	01
3.	Length of Green Road @ VOP	km	5.350	11.	Toll Plaza	Nos.	01
4.	Culverts	Nos.	03				
5.	Box Culvert in Cross Drainage	Nos.	01				
6.	Box Culvert for Interchange	Nos.	01				

Drawing Title

Strip Plan - Manubar to Sanpa Section of Vadodara Mumbai Expressway Package-III CH-292,000 to CH-323,000

Date: 14-02-2019 Project No.

Figure1 Location MAP



2.0 Project Overview

2.1 Salient Features of Project

Sr. No.	Component	Remarks
1	Project	Construction of Eight lane Vadodara Kim Expressway from Km Km 323.00 to 292.00 (Sanpa to Manuba Section of Vadodara Mumbai Expressway) in the State of Gujarat under NHDP Phase - VI on Hybrid Annuity Mode (Phase IA-Package III)"
2	Name of the Employer	National Highways Authority of India
3	Name of Concessionaire	Patel Vadodara Kim Expressway Pvt. Ltd.
4	Name of EPC Contractor	Patel Infrastructure Ltd.
5	Independent Engineer	Aarvee Associates Architects Engineers & Consultants Pvt. Ltd
6	Design Consultant	SPECIALIZED ENGINEERING SERVICES PVT. LTD
7	Project Length (In Km)	31.00 Km
8	Date of Concession Agreement	11th May, 2018
9	Appointed Date	08th March 2019
10	Scheduled Date of Completion	07th March 2021
11	Total Project Bid Cost as per CA	1712.00 Cr.
12	Project Cost (60 % of Bid Cost as per article 42)	1027.20 Cr.
13	Construction Period	2 Years (730 days)
14	Maintenance Period	15 Years
15	Total Concession Period	17 Years

2.2 Project Overview

2.2.1 Structures & Other Works

Sr. No.	Feature	Description
1	Major Bridge	03 Nos.
2	Flyover	01 No.
3	ROB	01 No.
4	Minor bridges	11 Nos.
5	Vehicular underpass	03 Nos.
6	Light Vehicular Underpasses	07 Nos.
7	Pedestrian Underpass	30 Nos.
8	Vehicular Overpasses	01 No.
9	Toe Wall/Retaining Wall	1.89 Km
10	RE Wall	26446 Sqm.
11	Culverts (HP/BC)	62 Nos. (35 Nos. Pipe / 27 Nos. Box)
12	Toll Plaza	2 Nos.
13	Truck Parking Facility	02 Nos.
14	Rest Area/Toilet Facility	03 Nos.
15	Helipad	01 No.
16	Emergency Cross Over	06 nos.
17	Noise Barrier	10.5 km
18	Rain Water Harvesting Structures	62 nos.

2.2.2 Highway

Sr. No.	Feature	Description
1	Embankment	29.371 Km
2	Subgrade	29.371 Km
3	G.S.B	29.371 Km
4	D.L.C	29.371 Km
5	P.Q.C	29.371 Km
6	Service Road/Slip Roads	02.430 Km

2.2.3 PROJECT LOCATION

The Project consists of new alignment of 8 lane of Sanpa to Manubar Section of Vadodara Mumbai Expressway. The project road stretch is a part of Vadodara Mumbai Expressway, which covers main cities like Vadodara, Surat, Thane and Mumbai. Major built up areas along the stretch under development are Ankleshwar, Bharuch, Valsad, and Navsari.

2.2.4 PROJECT DESCRIPTION

The road passes through plain and rolling terrain. Land use is mostly agricultural land. The entire length of the project road falls in the state of Gujarat under Bharuch Districts. The Function of expressway is to cater for movement of heavy volumes 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 or commercial concentrations, and the central business district. They are divided highways with high standards of geometric and fully control of access and provided generally with grade separation at intersections. Parking, loading and unloading of goods and passengers and pedestrian traffic are not permitted on these highways.

2.3 Project Milestones

Sr. No.	Project Milestone	Period to achieve the Milestone	Required % of Physical & Financial Work Completion to Achieve Milestone	Date of Milestone Achievement as per CA	Financial Progress (INR in Cr.)
1	Milestone -1	150 Th DAY	20%	05/08/2019	342.4
2	Milestone – 2	330 Th DAY	35%	01/02/2020	599.2
3	Milestone – 3	480 Th DAY	75%	30/06/2020	1284.0
4	Milestone – 4	730 Th DAY	100%	07/03/2021	1712.0

2.4 Critical Issues & Action Log

Sr.No	Issue Description	Type	Ongoing/ New Issue/ Resolved	Concerned Authority	Chainage (s) affected due to the issue	Length affected (km)	Action(s) taken till now	Action(s) suggested by the IE	Expected date/ Actual Date for resolving issue
1	Land Acquisition		Ongoing	Details as per 4.1 LA Summary: Page no 36					
2	Utility Shifting		Ongoing	Details as per 4.3 Status of utility shifting: Page no 42					

3.0 Physical Progress

Component	% Weightage	Physical Progress (Cumulative Up to Current Month)
Road Work	69.024%	27.59%
Major Bridge Works	17.368 %	12.52%
Structures	0.84 %	-
Others	12.768 %	1.52%
Total Physical Progress		41.63%

3.0 A) Progress Details as per Schedule-B- Highway

Main Expressway TCS (Appendix B-I (A))

Sr. No	From	To	Side	Length	TCS Type
1	292+000	292+600	BHS	600.00	TCS 1
2	292+600	292+790	BHS	190.00	TCS 4
3	292+790	293+310	BHS	520.00	ROB/ Structure
4	293+310	293+500	BHS	190.00	TCS 4
5	293+500	294+270	BHS	770.00	TCS 1
6	294+270	294+520	BHS	250.00	TCS 2
7	294+520	299+100	BHS	4580.00	TCS 1
8	299+100	299+350	BHS	250.00	TCS 4 / Structure
9	299+350	299+750	BHS	400.00	TCS 6/ Structure
10	299+750	299+770	BHS	20.00	TCS 5
11	299+770	306+250	BHS	6480.00	TCS 1
12	306+250	306+380	BHS	130.00	TCS 2
13	306+380	308+275	BHS	1895.00	TCS 1
14	308+275	308+550	BHS	275.00	TCS 2
15	308+550	311+550	BHS	3000.00	TCS 1
16	311+550	311+750	BHS	200.00	TCS 2
17	311+750	314+350	BHS	2600.00	TCS 1
18	314+350	314+510	BHS	160.00	TCS 3
19	314+510	318+900	BHS	4390.00	TCS 1
20	318+900	318+980	BHS	80.00	TCS 2
21	318+980	322+450	BHS	3470.00	TCS 1
22	322+450	323+000	BHS	550.00	TCS 5
	Total			31000	

Connecting Road (Appendix B-III (A))

1	299+350	299+750	LHS	400.00	TCS-6
2	314+350	314+510	LHS	160.00	TCS 3
3	294+270	294+520	RHS	250.00	TCS 2
4	306+250	306+380	RHS	130.00	TCS 2
5	308+275	308+550	RHS	275.00	TCS 2
6	311+550	311+750	RHS	200.00	TCS 2
7	318+900	318+980	RHS	80.00	TCS 2

Cross Road at VOP Locations (Appendix B-I (C))

1	000+000	000+075		75.00	TCS 8
2	000+075	000+825		750.00	TCS 9
3	000+825	000+930		105.00	TCS 8

3.0 B) STRUCTURE WORKS: -

Sr. No.	Type of Structure	Total No. of Structures	No. of Structures Tackled	No. of Structures Completed	No. of Structures in Balance	
					In Progress	Balance
1	ROB	1	1	0	1	0
2	Major Bridge	3	3	0	3	0
3	Minor Bridges	11	8	1	7	3
4	Flyover	1	1	0	1	0
5	Vehicular Underpass	3	3	2	1	0
6	Light Vehicular Underpass	7	7	6.5	0.5	0
7	Cattle Underpass	30	30	26	4	0
8	Vehicular Overpass	1	1	0	1	0
9	Box Culverts	27	19	8.5	10	8
10	Pipe Culverts	35	32.5	31	1.5	2.5

All Structure works as per CA- Scope vs Progress

Structure Type	Location	Span Arrangement	Pile Group		Pile Cap/ Raft		Pier. Shaft/ Abutment /Wall		Pier/Abt. cap		RCC Girder		PSC Girder		Slab		Crash Barrier	
			Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp
ROB	293+050	$2 \times (25.525 + 25 + 25.52) + 27.9 + (8 \text{ to } 28.1) \text{ varies} + 1 \times 38 + 44 + (6.00 \text{ to } 26.1) + 3 \times (25.52 + 25 + 25.52)$	36	32.99	36	30	36	18	36	15			196	4	34		2097	
MJB	302+732	$37.847 + 38.045 + 37.847$	8	8	8	8	8	8	8	3			42	15	6		455	
MJB	318+875	$2 \times 32.2 + 1 \times 15.85$	4	4	8	8	8	8	8	3	14	14	28	18	6		321	
MJB	321+280	2×37.658	6	6	6	6	6	6	6	5			28	28	4		301	0
FLYOVER	299+375	$16.859 + 33.201 + 16.859$	8	8	8	8	16	8	8	1	28	14	14		6		268	
VUP	295+575	1x12	-	-	1	1	2	2	-		-				1	1	24	
VUP	303+830	1x12	-	-	1	1	2	2	-		-				1	1	24	
VUP	312+720	1x12	-	-	1	1	2	1	-		-				1		24	
VOP	307+193	1x2	3	3	3	1	3	2	3		-		8		2		24	
MNB	294+105	1x12.880	-	-	2	2	4	4	-		-		-		2	2	26	
MNB	296+450	1X27.846	-	-	4	-	4		4		14		-		2		111	

Structure Type	Location	Span Arrangement	Pile Group		Pile Cap/ Raft		Pier. Shaft/ Abutment /Wall		Pier/Abt. cap		RCC Girder		PSC Girder		Slab		Crash Barrier	
			Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp	Scope	Comp
MNB	297+472	1x17.688	-	-	4	2	4		-		14	1	-		2		35	
MNB	297+580	1x37.341	4	4	4	4	4	2	4	2	-		14		2		149	
MNB	304+450	1x22.687	-	-	4	-	4		4		14		-		2		91	
MNB	307+754	1x36.54	4	4	4	4	4	4	4	1			14	14	2		146	
MNB	309+090	1x45.200	4	-	4	-	4		4		-		34		2		181	
MNB	309+873	1x23.688	-	-	4	4	4		4		14		-		2		95	
MNB	310+752	1x21.35	-	-	4	4	4		4		-				2		85	
MNB	313+835	1x24.347	-	-	4	4	4		4		14				2		97	
MNB	314+340	1x19.103	-	-	4	4	4		-				-		2		38	

Status of LVUP & PUP

Sr.No.	Type of Structure	Chainage	Span	Side	Status
1	LVUP	293+895	1x10.5	BHS	BHS Slab completed
2	LVUP	294+550	1x10.5	BHS	BHS Slab completed
3	LVUP	301+240	1x10.5	BHS	BHS Slab completed
4	LVUP	308+550	1x10.5	BHS	BHS Slab completed
5	LVUP	311+047	1x10.5	BHS	BHS Slab Completed
6	LVUP	316+563	1x10.5	BHS	BHS Slab Completed
7	LVUP	321+700	1x10.5	BHS	RHS Slab completed BHS Wall completed
1	PUP	292+400	1x7.0	BHS	RHS Slab Completed, BHS Raft Done
2	PUP	295+151	1x7.0	BHS	BHS Slab Completed.
3	PUP	295+990	1x7.0	BHS	BHS Slab Completed.
4	PUP	297+220	1x7.0	BHS	BHS Slab Completed.
5	PUP	297+900	1x7.0	BHS	BHS Slab Completed
6	PUP	298+380	1x7.0	BHS	BHS Slab Completed
7	PUP	299+100	1x7.0	BHS	BHS Slab Completed
8	PUP	300+725	1x7.0	BHS	BHS Slab Completed
9	PUP	301+790	1x7.0	BHS	BHS Slab Completed
10	PUP	302+055	1x7.0	BHS	LHS Slab Completed, BHS Raft Done
11	PUP	303+220	1x7.0	BHS	BHS Slab Completed
12	PUP	304+170	1x7.0	BHS	BHS Slab Completed
13	PUP	305+058	1x7.0	BHS	BHS Slab Completed
14	PUP	305+850	1x7.0	BHS	BHS Slab Completed
15	PUP	306+060	1x7.0	BHS	BHS Slab Completed
16	PUP	306+820	1x7.0	BHS	BHS Slab Completed
17	PUP	309+550	1x7.0	BHS	BHS Slab Completed.

Sr.No.	Type of Structure	Chainage	Span	Side	Status
18	PUP	310+480	1x7.0	BHS	BHS Slab Completed
19	PUP	311+650	1x7.0	BHS	BHS Slab Completed
20	PUP	312+280	1x7.0	BHS	BHS PCC Done
21	PUP	313+095	1x7.0	BHS	BHS Slab Completed
22	PUP	314+850	1x7.0	BHS	BHS Slab Completed
23	PUP	315+870	1x7.0	BHS	BHS Slab Completed
24	PUP	316+960	1x7.0	BHS	BHS Wall Completed.
25	PUP	317+650	1x7.0	BHS	LHS Slab Completed, BHS Raft Done.
26	PUP	318+245	1x7.0	BHS	LHS Wall completed BHS Wall Done
27	PUP	319+650	1x7.0	BHS	BHS Slab Completed
28	PUP	320+330	1x7.0	BHS	BHS Slab Completed
29	PUP	320+825	1x7.0	BHS	BHS Slab Completed
30	PUP	322+550	1x7.0	BHS	RHS Slab Completed, BHS Wall completed.

Status of Box Culverts

Type of Culvert	Design Chainage As per CA	No of Vent	Span	Height	Status
BC	292+450	1	2.00	2.0	LHS Slab Completed, BHS Raft Done.
BC	294+750	2	4.00	4.0	BHS Raft Completed
BC	294+985	1	2.00	2.00	LHS Slab Completed, BHS Raft Done.
BC	295+585	1	2.00	2.00	BHS Slab Completed
BC	296+376	1	3.00	3.00	Work yet to start
BC	299+856	1	3.00	3.00	BHS Raft Completed.
BC	300+148	1	3.00	3.00	BHS Slab Completed
BC	301+247	1	2.00	2.00	Work yet to start
BC	303+403	1	3.00	3.00	BHS Slab Completed, Retaining wall works in progress

Type of Culvert	Design Chainage As per CA	No of Vent	Span	Height	Status
BC	305+437	1	2.00	2.00	BHS Slab Completed, Retaining wall works in progress
BC	307+709	1	2.00	2.00	BHS Raft Completed
BC	307+789	1	2.00	2.00	BHS PCC completed
BC	308+995	1	3.00	3.00	BHS Excavation Done.
BC	309+840	1	3.00	3.00	BHS PCC Done
BC	309+892	1	3.00	3.00	Work Yet to start
BC	314+148	1	3.00	3.00	BHS Slab Completed, Retaining wall works in progress
BC	315+247	1	5.00	3.00	LHS Raft Done.BHS PCC Completed
BC	316+427	1	2.00	2.00	BHS Excavation Done, RHS Slab Done.
BC	316+582	1	2.00	2.00	BHS Raft Completed
BC	317+485	1	3.00	3.00	BHS Raft Completed
BC	318+586	1	3.00	3.00	BHS Raft Completed
BC	322+750	1	2.00	2.00	BHS Excavation Done, Ground improvement in Progress
BC	323+087	1	2.00	2.0	Work yet to start
BC	269+883	1	2.00	2.0	
BC	270+373	1	2.00	2.0	
BC	270+731	1	2.00	2.0	
BC	0.250	1	2.00	2.0	
BC	0.650	1	2.00	2.0	

Status of Hume Pipe Culverts

Type of Culvert	Design Chainage	Status
HPC	293+620	BHS Pipe Laying Done
HPC	294+420	BHS Pipe Laying Done
HPC	295+870	BHS Pipe Laying Done
HPC	296+720	BHS Pipe Laying Done
HPC	298+120	BHS Pipe Laying Done
HPC	298+819	BHS Pipe Laying Done
HPC	300+445	BHS Pipe Laying Done
HPC	300+970	BHS Pipe Laying Done
HPC	301+520	BHS Pipe Laying Done
HPC	302+270	BHS Pipe Laying Done
HPC	302+578	BHS Pipe Laying Done
HPC	303+608	BHS Pipe Laying Done
HPC	304+069	BHS Pipe Laying Done
HPC	304+649	BHS Pipe Laying Done
HPC	307+419	BHS Pipe Laying Done
HPC	307+969	BHS Pipe Laying Done
HPC	308+320	BHS Pipe Laying Done
HPC	308+794	BHS Pipe Laying Done
HPC	309+368	BHS Pipe Laying Done
HPC	310+119	BHS Pipe Laying Done
HPC	311+329	BHS Pipe Laying Done
HPC	311+969	BHS Pipe Laying Done
HPC	312+679	Work yet to start

Type of Culvert	Design Chainage	Status
HPC	313+369	BHS Pipe Laying Done
HPC	313+812	Work yet to start
HPC	314+669	BHS Pipe Laying Done
HPC	315+719	BHS Pipe Laying Done
HPC	316+069	BHS Pipe Laying Done
HPC	316+819	BHS Pipe Laying Done
HPC	317+470	BHS Excavation and PCC Done
HPC	319+268	BHS Pipe Laying Done
HPC	319+969	BHS Pipe Laying Done
HPC	320+719	BHS Pipe Laying Done
HPC	322+294	BHS Pipe Laying Done
HPC	322+778	BHS Excavation Done, Ground improvement in Progress

3.1 Detailed Scope of Work & Physical Progress by Component

Item	Stage for measurement	Unit	Qty.	Weightage in percentage to Contract Price	Quantity	% of Physical Progress	Remarks
1	2	3	4	5	6	7	8
Road works including culverts, minor bridges, underpasses, overpasses, approaches to ROB/RUB/ Major Bridges/ Structures (but excluding service roads / Connecting road)	A- Widening and strengthening of Existing road			Not in Scope			
	1) Earthwork up to top of the subgrade						
	2) Granular work (Sub-base, shoulder) GSB						
	3) Shoulders						
	4) Bituminous work						
	5) Rigid Pavement						
	a) DLC						
	b) PQC						
	6) Widening and repair of culverts						
	7) Widening and repair of minor bridges						
	B- New realignment/bypass						
	(1) Earthwork up to top of the sub-grade	KM	29.371	19.42%	9.12	13.32%	
	(2) Granular work (sub-base, base, shoulders)						
	(a) GSB	KM	29.371	3.46%	6.20	0.73%	
	(3) Shoulders	KM	29.371	0.97%			
	(4) Bituminous work						
	(5) Rigid Pavement						
	(a) DLC	KM	29.371	4.640%	5.69	0.90%	
	(b) PQC	KM	29.371	22.972%	0.87	0.68%	
	C- New culverts, minor bridges, underpasses, overpasses on existing road, realignments, bypasses:						
	(1) Culverts (Pipe & Box)	No.	62	2.32%	39.5	1.14%	
	(2) Minor bridges						
	(a) Foundation	No.	42	2.38%	28	1.77%	
(b) Sub-Structure	No.	44	1.16%	10	0.34%		
(c) Super- Structure	No.	22	1.94%	2	0.25%		

Item	Stage for measurement	Unit	Qty.	Weightage in percentage to Contract Price	Quantity	% of Physical Progress	Remarks
1	2	3	4	5	6	7	8
	(including crash barrier etc. complete)						
	(3) Cattle/Pedestrian underpasses						
	(a) Foundation	No.	30	2.98%	29	2.89%	
	(b) Sub-Structure	No.	60	1.30%	56	1.21%	
	(c) Super- Structure (including crash barrier etc. complete)	No.	30	1.38%	19.5	0.90%	
	(4) Pedestrian overpasses			Not in Scope			
	(a) Foundation	No.	0	-			
	(b) Sub-Structure	No.	0	-			
	(c) Super- Structure (including crash barrier etc. complete)	No.	0	-			
	(5) Grade separated structures						
	(a) Underpasses (VUP & LVUP)						
	(a) Foundation	No.	10	0.77%	10	0.77%	
	(b) Sub-Structure	No.	20	0.46%	19	0.44%	
	(c) Super- Structure (including crash barrier etc. complete)	No.	10	0.52%	8	0.44%	
	(b) Overpass (VOP)						
	(a) Foundation	No.	3	0.12%	2	0.093%	
	(b) Sub-Structure	No.	3	0.02%		0.002%	
	(c) Super- Structure (including crash barrier etc. complete)	No.	2	0.12%			
	(c) Flyover						
	(a) Foundation	No.	8	1.11%	8	1.11%	
	(b) Sub-Structure	No.	8	0.46%	1	0.24%	
	(c) Super- Structure (including crash barrier etc. complete)	No.	6	0.51%		0.04%	
	(d) Foot Over Bridge			Not in Scope			
Major Bridge works and ROB/RUB	A - Widening and repairs of Major Bridges			Not in Scope			
	(a) Foundation						
	(a) Open Foundation	No.	0	-			
	(b) Pile Foundation/Well Foundation	No.	0	-			

Item	Stage for measurement	Unit	Qty.	Weightage in percentage to Contract Price	Quantity	% of Physical Progress	Remarks
1	2	3	4	5	6	7	8
	(b) Sub-Structure	No.	0	-			
	(c) Super- Structure (including crash barrier etc. complete)	No.	0	-			
	B - Widening and repairs of						
	a) ROB			Not in Scope			
	(a) Foundation						
	(a) Open Foundation	No.	0	-			
	(b) Pile Foundation/Well Foundation	No.	0	-			
	(b) Sub-Structure	No.	0	-			
	(c) Super- Structure (including crash barrier etc. complete)	No.	0	-			
	b) RUB			Not in Scope			
	(a) Foundation	No.	0	-			
	(b) Sub-Structure	No.	0	-			
	(c) Super- Structure (including crash barrier etc. complete)	No.	0	-			
	C- New Major Bridges						
	(a) Foundation	No.					
	(a) Open Foundation	No.	0	-			
	(b) Pile Foundation/ Well Foundation	No.	22	5.16%	22	5.16%	
	(b) Sub-Structure	No.	22	0.59%	11	0.42%	
	(c) Super- Structure (including crash barrier etc. complete)	No.	16	1.39%		0.44%	
	D- New rail-road bridges						
	(a) ROB						
	(a) Foundation	No.	38	6.77%	30	6.01%	
	(b) Sub-Structure	No.	38	1.05%	15	0.48%	
	(c) Super- Structure (including crash barrier etc. complete)	No.	34	2.42%		0.01%	
	(b) RUB			Not in Scope			
	(a) Foundation	No.	0	-			
	(b) Sub-Structure	No.	0	-			
	(c) Super- Structure (including	No.	0	-			

Item	Stage for measurement	Unit	Qty.	Weightage in percentage to Contract Price	Quantity	% of Physical Progress	Remarks
1	2	3	4	5	6	7	8
	crash barrier etc. complete)						
Structures (elevated sections, reinforced earth, Interchange)	Interchange			Not in Scope			
	(a) Foundation	No.	0	-			
	(b) Sub-Structure	No.	0	-			
	(c) Super- Structure (including crash barrier etc. complete)	No.	0	-			
	(d) Reinforced earth Wall (includes Approaches of ROB, Underpasses, Overpasses, Flyover etc)	Sqm	26446	0.84%			
Other works	(i) Service roads/ Slip Roads / Connecting Road	KM	2.425	0.66%			
	(ii) Toll Plaza	No.	2	0.63%			
	(iii) Road side drains	KM	29.371	1.38%			
	(iv) Road signs, markings, km stones, safety devices,						
Other works	(a) Road signs, markings, km stones, Road Delineators, Reflective Pavement Markers & Solar Studs, Traffic Impact Attenuators, Road Boundary Stone, Kilometer and Hectometer Stones.	KM	31.000	0.81%			
	(b) Concrete Crash Barrier / W- Beam Crash Barrier / Thrie Beam Steel Barriers in road works	KM	29.371	1.16%			
	(v) Project facilities						
	(a) Bus Bays	No.	0	-			
	(b) Truck Lay-byes	No.	2	1.08%			
	(c) Smaller Parking service area	No.	3	0.648%			
	(d) Operation & Maintenance Centre	No.	1	0.27%			
	(e) Lighting	KM	31.000	0.044%			
	(f) ATMS	KM	31.000	0.456%			
	(g) Noise Barrier	KM	10.500	0.397%			
(h) Rain Water Harvesting	No.	62	0.074%				

Item	Stage for measurement	Unit	Qty.	Weightage in percentage to Contract Price	Quantity	% of Physical Progress	Remarks
1	2	3	4	5	6	7	8
	Structure						
	(i) Fencing	KM	29.371	1.094%			
	(j) Utilities (future ducts)	No.	62	0.234%	56	0.21%	
Other works	(vi)Repairs to bridges/structures			Not in Scope			
	(vii) Land Scaping and Tree plantation	KM	29.371	0.176%			
	(viii) Protection works						
	(a) Boulder Pitching/Turfing /other protection measures on slopes	KM	29.371	0.29%			
	(b) Toe/Retaining wall	KM	1.890	3.12%	0.78	1.31%	
	(ix) Tunnel			Not in Scope			
	(a) Excavation	Meter	0	-			
	(b) Construction of support system including Rock bolting, lining etc.	Meter	0	-			
	(c) On Complete completion of Tunnel	Meter	0	-			
	(x) Miscellaneous						
	(a) Overhead Signs	KM	31.000	0.001%			
	(b) Traffic Aid Booth	No.	1	0.017%			
	(c) Medical Aid Booth	No.	1	0.017%			
	(d) Emergency Cross Over	No.	6	0.018%			
	(d) Helipad	No.	1	0.017%			
(e) Wearing Course	KM	31.00	0.173%				
	Total			100.00%		41.63%	

3.1.1 : Details breakup of physical progress

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.07.2020)	
					Quantity	Percentage Progress
1	2	3	7	9		
1	Earth Work up to Top of Subgrade					
1.1	Clearing and grubbing of -MCW	Hec	29.37	0.044%	28.85	0.04%
1.2	Carrying out Jungle Cutting/ removal of debris / dismantling of Concrete Structure / Dismantling of existing road / Removal of any Physical item	M2	29.37	0.000%	0	
1.3	Earth work in excavation necessary	Cu.m.	29.37	0.013%	25.71	0.01%
1.4	Construction of embankment - MCW Height up to 1 Mtr	Cu.m.	29.37	5.183%	25.71	4.54%
1.5	Construction of embankment - MCW Height 1 mtr to 2 Mtr	Cu.m.	29.37	4.319%	23.68	3.48%
1.6	Construction of embankment - MCW Height 2 mtr to 3 Mtr	Cu.m.	29.37	3.456%	22.21	2.61%
1.7	Construction of embankment - MCW Height 3 mtr to Emb top Bottom	Cu.m.	29.37	2.592%	14.88	1.31%
1.8	Construction of embankment - MCW Embankment Top	Cu.m.	29.37	1.728%	11.453	0.67%
1.9	Construction of Sub grade - MCW	Cu.m.	29.37	2.086%	9.12	0.65%
2	Grannular Sub Base Courses and Base Courses					
2.1	Constructing Grannular Sub-base	Cu.m.	29.37	3.46%	6.198	0.73%
3	Shoulders					

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.07.2020)	
					Quantity	Percentage Progress
3.1	Earthwork in filling of median / island area	Cu.m.	29.37	0.245%		
3.2	Construction of modified Earthen / un paved shoulders	Cu.m.	29.37	0.036%		
3.3	Providing min 200 mm dia NP4 pipes along the road in 2 Rows in shoulder	LM	29.37	0.691%		
4	Rigid Pavement					
4.01	Providing xxx mm thick DLC (M15) for CW	Cum	29.37	4.640%	5.693	0.90%
4.02	Providing xxx mm thick PQC for CW	Cum	29.37	22.972%	0.875	0.68%
5	Pipe Culverts					
5.01	Culvert Excavation	Cum	35.00	0.006%	30.5	0.01%
5.02	Culvert PCC M15 grade	Cum	35.00	0.114%	30.5	0.10%
5.03	Providing , laying and jointing NP4 (as per IS:458) Hume pipes for culverts, - Dia 1200 mm (Internal)	LM	35.00	0.232%	29	0.19%
5a	Box Culverts					
5.01a	Culvert Excavation	Cum	27.00	0.022%	18.5	0.02%
5.02a	Culvert PCC M15 grade	Cum	27.00	0.209%	15.5	0.12%
5.03a	Foundation RCC M 30 - Culvert	Cum	27.00	0.405%	13.5	0.20%
5.04a	HYSB bar in Foundation-Culvert	MT	27.00	0.480%	13.5	0.24%
5.05a	Substructure RCC M 30 - Culvert	Cum	27.00	0.304%	8.5	0.10%
5.06a	HYSB bar in Substructure-Culvert	MT	27.00	0.267%	8.5	0.08%
5.07a	Super Structure RCC M 30 - Culvert	Cum	27.00	0.153%	8.5	0.05%

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.07.2020)	
					Quantity	Percentage Progress
5.08a	HYSD bar in Super Structure- Culvert	MT	27.00	0.127%	8.5	0.04%
5.09a	Finishing Work (10% cost of overall work)	Nos.	27.00	0.000%		
6A	Bill No: 6A Minor Bridges					
6A,01	Structure excavation Ordinary and soft Soils - MNBR	Cum	42.00	0.056%	28	0.04%
6A,02	MNBR - PCC M15 grade	Cum	42.00	0.124%	28	0.08%
6A,03	MNBR - RCC M35 - Foundation	Cum	34.00	0.887%	20	0.52%
6A,04	HYSD bar reinforcement - Foundation	Mt	34.00	1.034%	28	0.85%
6A,05	MNBR - RCC M35 Pile Cap	Cum	8.00	0.090%	8	0.09%
6A,06	MNBR - RCC M35 1.2m dia piles	Rm	8.00	0.186%	8	0.19%
6A,07	MNBR - RCC M35- Substructure Abutment	Cum	44.00	0.447%	14	0.14%
6A,08	HYSD bar reinforcement - substructure Abutment	Mt	44.00	0.445%	14	0.14%
6A,09	MNBR - RCC M35 - Abutment Cap	Cum	44.00	0.128%	10	0.03%
6A,10	HYSD bar reinforcement - Abutment cap	Mt	44.00	0.144%	10	0.03%
6A,11	RCC M35 - RCC Girder	Cum	10.00	0.118%	1	0.01%
6A,12	PSC M45 - PSC Girder	Cum	8.00	0.239%	1.4	0.04%
6A,13	HYSD bar reinforcement - Super structure Girder	Mt	18.00	0.586%	2.4	0.08%
6A,14	HT Steel for PSC Girder	Mt	8.00	0.323%	1.4	0.06%
6A,15	RCC M35 - SLAB	Cum	22.00	0.278%	2	0.03%

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.07.2020)	
					Quantity	Percentage Progress
6A,16	HYSD bar reinforcement - SLAB	Mt	22.00	0.398%	2	0.04%
6B	Bill No. 6B : PUP					
6B,01	Structure excavation Ordinary and soft Soils - PUP	Cum	30.00	0.025%	30	0.03%
6B,02	PUP - PCC M15 grade Levelling course	Cum	30.00	0.184%	30	0.18%
6B,03	PUP - RCC M35 Raft	Cum	30.00	1.216%	29	1.18%
6B,04	HYSD bar reinforcement - RAFT	Mt	30.00	1.560%	29	1.51%
6B,05	PUP RCC M35 Wall	Cum	60.00	0.677%	56	0.63%
6B,06	HYSD bar reinforcement - Wall	Mt	60.00	0.623%	56	0.58%
6B,07	PUP - RCC M35 - TOP Slab	Cum	30.00	0.674%	26	0.58%
6B,08	HYSD bar reinforcement - TOP Slab	Mt	30.00	0.706%	26	0.61%
6B,09	Finishing Work (10% cost of overall work)	Nos	30.00	0.000%		
6C	Bill No. 6C : VUP					
6C,01	Structure excavation Ordinary and soft Soils - VUP	Cum	3.00	0.003%	3	0.00%
6C,02	VUP - PCC M15 grade - Levelling course	Cum	3.00	0.013%	3	0.01%
6C,03	VUP - RCC M35 - Raft	Cum	3.00	0.096%	3	0.10%
6C,04	HYSD bar reinforcement - Raft	Mt	3.00	0.123%	3	0.12%
6C,05	VUP - RCC M35 - WALL	Cum	6.00	0.086%	5	0.07%
6C,06	HYSD bar reinforcement - WALL	Mt	6.00	0.079%	5	0.07%
6C,07	RCC M35 - TOP SLAB	Cum	3.00	0.096%	2	0.06%

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.07.2020)	
					Quantity	Percentage Progress
6C,08	HYSD bar reinforcement - TOP Slab	Mt	3.00	0.082%	2	0.05%
6D	Bill No. 6D : LVUP					
6D,01	Structure excavation Ordinary and soft Soils - LVUP	Cum	7.00	0.005%	7	0.01%
6D,02	LVUP - PCC M15 grade levelling course	Cum	7.00	0.033%	7	0.03%
6D,03	LVUP - RCC M35 Raft	Cum	7.00	0.220%	7	0.22%
6D,04	HYSD bar reinforcement - Raft	Mt	7.00	0.282%	7	0.28%
6D,05	LVUP - RCC M35 - Wall	Cum	14.00	0.155%	14	0.16%
6D,06	HYSD bar reinforcement - WALL	Mt	14.00	0.143%	14	0.14%
6D,07	LVUP - RCC M35 - Top Slab	Cum	7.00	0.187%	6.5	0.17%
6D,08	HYSD bar reinforcement - TOP Slab	Mt	7.00	0.159%	6.5	0.15%
6E	Bill No. 6E : VOP					
6E,01	Structure Excavation for foundation of VOP	Cum	3.00	0.000%	2	0.00%
6E,02	Foundation PCC M15 grade for levelling course	Cum	3.00	0.001%	2	0.00%
6E,04	HYSD bar reinforcement - Foundation	Mt	3.00	0.054%	2.5	0.04%
6E,05	RCC M35 Pile Cap	Cum	3.00	0.012%	2	0.01%
6E,06	RCC M35 1.2m dia piles	Rm	3.00	0.049%	3	0.05%
6E,07	RCC M35 - ABUTMENT/Return Wall	Cum	2.00	0.002%	1	0.00%
6E,08	HYSD bar reinforcement - ABUTMENT/Return Wall	Mt	2.00	0.002%	1	0.00%

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.07.2020)	
					Quantity	Percentage Progress
6E,09	RCC M35 - ABUTMENT CAP	Cum	2.00	0.002%	0	0.00%
6E,10	HYSD bar reinforcement - ABUTMENT CAP	Mt	2.00	0.004%	0	0.00%
6E,11	RCC M35 - PIER	Cum	1.00	0.001%	1	0.001%
6E,12	HYSD bar reinforcement - PIER	Mt	1.00	0.001%	1	0.001%
6E,13	RCC M35 - PIER CAP	Cum	1.00	0.001%	0	0.00%
6E,14	HYSD bar reinforcement -PIER CAP	Mt	1.00	0.002%	0	0.00%
6E,15	HYSD bar reinforcement - Super structure Girder	Mt	2.00	0.050%	0	0.00%
6E,16	HT Steel for PSC - Girder	Mt	2.00	0.033%	0	0.00%
6E,17	PSC M45 - Box Girder/PSC Girder	Cum	2.00	0.025%	0	0.00%
6E,18	M-35 for SLAB super structure	Cum	2.00	0.015%	0	0.00%
6F	Bill No: 6F Flyover					
6F,01	Structure excavation Ordinary and soft Soils - Flyover	Cum	8.00	0.003%	8	0.00%
6F,02	Flyover - PCC M15 grade - levelling course under fdn.	Cum	8.00	0.005%	8	0.01%
6F,03	HYSD bar reinforcement - Foundation	Mt	8.00	0.575%	8	0.58%
6F,04	RCC M35 Pile Cap	Cum	8.00	0.114%	8	0.11%
6F,05	RCC M35 1.2m dia piles	Rm	8.00	0.414%	8	0.41%
6F,06	RCC M35 - ABUTMENT	Cum	4.00	0.047%	4	0.05%
6F,07	HYSD bar reinforcement - ABUTMENT	Mt	4.00	0.058%	4	0.06%
6F,08	RCC M35 - ABUTMENT CAP	Cum	4.00	0.031%	0	0.00%

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.07.2020)	
					Quantity	Percentage Progress
6F,09	HYSD bar reinforcement - Abutment cap	Mt	4.00	0.053%	0	0.00%
6F,10	RCC M35 - Pier Substructure	Cum	4.00	0.037%	4	0.04%
6F,11	HYSD bar reinforcement - Pier Substructure	Mt	4.00	0.057%	4	0.06%
6F,12	RCC M35 - Pier CAP	Cum	4.00	0.065%	1	0.02%
6F,13	HYSD bar reinforcement - Pier CAP	Mt	4.00	0.110%	1	0.03%
6F,14	RCC M35 - RCC Girder	Cum	4.00	0.032%	1.2	0.01%
6F,15	PSC M45 - Girder	Cum	2.00	0.053%	0	0.00%
6F,16	HYSD bar reinforcement - Girder	Mt	6.00	0.144%	1.2	0.03%
6F,17	HT Steel for PSC - Girder	Mt	2.00	0.072%	0	0.00%
6F,18	RCC M35 - SLAB	Cum	6.00	0.084%	0	0.00%
6F,19	HYSD bar reinforcement - SLAB	Mt	6.00	0.126%	0	0.00%
6G	Bill No: 6G Major Bridges					
6G,01	Structure excavation Ordinary and soft Soils - MJB	Cum	22.00	0.014%	22	0.01%
6G,02	Major Bridge PCC M15 grade - Levelling course	Cum	22.00	0.026%	22	0.03%
6G,03	HYSD bar reinforcement - Foundation	Mt	22.00	2.746%	22	2.75%
6G,04	RCC M35 Pile Cap	Cum	22.00	0.708%	22	0.71%
6G,05	RCC M35 1.2m dia piles	Rm	22.00	1.661%	22	1.66%
6G,06	RCC M35 - Abutment substructure	Cum	12.00	0.100%	12	0.10%
6G,07	HYSD bar reinforcement - Abutment Substructure	Mt	12.00	0.099%	12	0.10%

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.07.2020)	
					Quantity	Percentage Progress
6G,08	RCC M35 - ABUTMENT CAP	Cum	12.00	0.032%	7	0.02%
6G,09	HYSD bar reinforcement - ABUTMENT CAP	Mt	12.00	0.036%	7	0.02%
6G,10	RCC M35 - Pier Substructure	Cum	10.00	0.037%	10	0.04%
6G,11	HYSD bar reinforcement - Pier Substructure	Mt	10.00	0.056%	10	0.06%
6G,12	RCC M35 - Pier CAP	Cum	10.00	0.089%	4	0.04%
6G,13	HYSD bar reinforcement - Pier CAP	Mt	10.00	0.137%	4	0.05%
6G,14	PSC M45 - Girder	Cum	16.00	0.261%	7.55	0.12%
6G,15	HYSD bar reinforcement -Girder	Mt	16.00	0.343%	7,55	0.16%
6G,16	HT Steel for PSC -Girder	Mt	16.00	0.340%	7.55	0.16%
6G,17	RCC M35 - SLAB	Cum	16.00	0.178%	0	0.00%
6G,18	HYSD bar reinforcement - SLAB	Mt	16.00	0.265%	0	0.00%
6H	Bill No. 6H : ROB					
6H,01	Structural Excavation in ROB foundation	Cum	36.00	0.017%	30	0.01%
6H,02	ROB - Foundation PCC M15 grade Levelling course	Cum	36.00	0.034%	30	0.03%
6H,03	HYSD bar reinforcement - Foundation	Mt	36.00	3.292%	31.495	2.88%
6H,04	RCC M35 Pile Cap	Cum	36.00	0.715%	30	0.60%
6H,05	RCC M35 1.2m dia piles	Rm	36.00	2.710%	32.99	2.48%
6H,06	RCC M35 - ABUTMENT/Return Wall	Cum	4.00	0.019%	2	0.01%
6H,07	HYSD bar reinforcement - ABUTMENT/Return Wall	Mt	4.00	0.023%	2	0.01%

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.07.2020)	
					Quantity	Percentage Progress
6H,08	RCC M35 - ABUTMENT CAP	Cum	4.00	0.012%	2	0.01%
6H,09	HYSD bar reinforcement - ABUTMENT CAP	Mt	4.00	0.020%	2	0.01%
6H,10	RCC M35 - PIER	Cum	32.00	0.195%	16	0.10%
6H,11	HYSD bar reinforcement - PIER	Mt	32.00	0.299%	16	0.15%
6H,12	RCC M35 - PIER CAP	Cum	32.00	0.179%	13	0.07%
6H,13	HYSD bar reinforcement - Pier CAP	Mt	32.00	0.301%	13	0.12%
6G,14	PSC M45 - Girder	Cum	30.00	0.246%	0.427	0.00%
6G,15	HYSD bar reinforcement -Girder	Mt	30.00	0.314%	0.427	0.00%
6G,16	HT Steel for PSC -Girder	Mt	30.00	0.332%	0.427	0.00%
6H,14	RCC M35 - SLAB	Cum	30.00	0.260%	2	0.01%
6H,15	HYSD bar reinforcement - SLAB	Mt	30.00	0.382%	2	0.01%
6H,16	Providing and Fixing Steel Girder for Superstructure as per Technical Specification	Mt	4.00	0.889%	16	0.10%
7	Reinforced Earth Wall					
7.01	PCC For RE Wall Foundation	Cum	26,446.00	0.018%		
7.02	Providing RCC Facia Panel / Block	Sqm	26,446.00	0.261%		
7.03	Filter media behind RE walls	Cum	26,446.00	0.094%		
7.04	Construction of embankment with Reinforced Earth	Cum	26,446.00	0.225%		
7.05	RCC crash barrier with friction slab M 40	Rmt	3,952.02	0.246%		
8	Service roads/ Slip Roads					

Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.07.2020)	
					Quantity	Percentage Progress
8.01	Construction of Subgrade	Cum	2.43	0.050%		
8.02	Construction of GSB	Cum	2.43	0.136%		
8.03	Constructing Wet Mix Macadam base	Cu.m.	2.43	0.157%		
8.04	Primer coat - Connecting road	Sqm	2.43	0.010%		
8.05	Tack coat -1 - Connecting road	Sqm	2.43	0.004%		
8.07	Dense Bituminous Macadam course- Connecting road	Cu.m.	2.43	0.172%		
8.08	Bituminous Concrete - Connecting Road	Cu.m.	2.43	0.132%		
9	Bill No.9: Toll Plaza					
9.01	Clearing and grubbing - Toll Plaza	Hec	2.00	0.000%		
9.02	Construction of embankment - Toll Plaza	Cum	2.00	0.087%		
9.03	Construction of Subgrade - Toll Plaza	cum	2.00	0.019%		
9.04	Constructing Grannular Sub-base - Toll Plaza	Cu.m.	2.00	0.031%		
9.05	Providing xxx mm thick DLC (M15) for Toll plaza	cum	2.00	0.052%		
9.06	Providing xxx mm thick PQC for Toll plaza	cum	2.00	0.288%		
9.07	Providing and fixing of Tool booth	Nos.	2.00	0.009%		
9.08	Roof over Toll plaza	Sq.m	2.00	0.050%		
9.09	Operation & Office building at toll plaza	Sq.m	1.00	0.022%		
9.11	Toll plaza sign boards	LS	2.00	0.032%		



Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.07.2020)	
					Quantity	Percentage Progress
9.12	Toll Plaza Facilities	LS	2.00	0.043%		
10	DRAINAGE					
10.01	Drain Excavation	Cu.m.	29.37	0.066%		
10.02	Drain Lining	cum	29.37	0.479%		
10.03	RCC M 20 Grade Dain	Cum	29.37	0.241%		
10.04	HYSD bar reinforcement	Mt	29.37	0.117%		
10.05	Construction of chute lined drain in shoulder	L.M.	29.37	0.408%		
10.06	Construction of energy dissipation basin and sumps	Nos.	29.37	0.067%		
11	Bill No. 11: Traffic signs, Road markings and other road appurtenances					
11.01a	Providing Kerb M-20 grade	L.M.	29.37	0.116%		
11.01b	Painting on Kerbs	Sq.m	29.37	0.014%		
11.02a	Supplying & Fixing Sign Boards	KM	31.00	0.402%		
11.03a	Pavement marking	Sq.m	31.00	0.278%		
b)	W-Beam Crash Barrier in Road work					
11.06b	Providing and erecting " W " metal beam crash barrier	L.M.	29.37	1.160%		
12	Wayside Amenities/Rest Area					
12.01	Truck Parking service area	LS	2.00	1.08%		
12.02	Smaller Parking service area	LS	3.00	0.65%		
12.03	Providing operational and maintenance Center	No.	1.00	0.27%		
12.04	Providing & Placing Noise	Km.	9.30	0.40%		



Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.07.2020)	
					Quantity	Percentage Progress
	Barrier					
12.05	Providing lighting including all	Km.	31.00	0.04%		
12.06	Providing Advanced Traffic Management Systems (ATMS)	Km.	31.00	0.46%		
12.07	Providing min 600 mm dia NP4 pipes across the road for utility work	No.	50.00	0.23%	56	0.21%
12.08	Providing Rain Water Harvesting arrangement as shown in drawing with all materials etc., with all lifts and leads complete as directed by the engineer	No.	62.00	0.07%		
II	Fencing Work					
A	Providing Chain Link Fencing in ROW	Km.	29.37	1.09%		
13	Road Side Plantation					
	Land Scaping and Tree plantation	LS	29.37	0.176%		
14	PROTECTION WORKS					
I	Boulder pitching on slopes					
A	Providing and laying stone pitching on embankment slopes	cum	29.37	0.213%		
B	Providing and laying filter media underneath stone pitching	cum	29.37	0.077%		
II	Toe/Retaining wall					
A	Excavation of Retaining Wall + Toe Wall	Cu.m.	1.89	0.031%	1.168	0.02%
B	M-15 PCC Retaining Wall + Toe	Cu.m.	1.89	0.089%	1.168	0.05%


Item No.	Description	Unit	Physical Progress Quantity	Weightage in percentage to the Contract Price	Up to Date (31.07.2020)	
					Quantity	Percentage Progress
	Wall					
C	M-25 Retaining Wall + Toe Wall	Cum	1.89	1.626%	0.78	0.67%
D	HYSD - Retaining Wall + Toe Wall	MT	1.89	1.371%	0.78	0.57%
15	MISCELLANEOUS WORKS					
15.01	Overhead Signs	Km.	31.00	0.001%		
15.02	Traffic Aid Booth	No.	1.00	0.017%		
15.03	Medical Aid Booth	No.	1.00	0.017%		
15.04	Wearing courses	Km.	31.00	0.173%		
15.05	ROW Survey, centerline fixing along with fixing of ROW pillar and obtaining pusion of ROW.....	Km.	31.00	0.000%		
15.06	Emergency Cross Over	Nos.	6.00	0.018%		
15.07	Helipad	Nos.	1.00	0.017%		
	Total Amount					41.63 %

4.0 Land Acquisition and Clearance

4.1 LA Summary: - A)Length Wise:

Land Status										
Sr. No	CHAINAGE		LENGTH (KM)	VILLAGE	SURVEY NO	Owner Name	UNCLEAR LENGTH (KM)		Hindrance Description	Photos
	FROM	TO					LHS	RHS		
1	296+350	296+450	0.100	Derol	519-old/ 749-new	Maniben W d/o Gambhirsinh Dadabhai and others	0.100	0.100	Mismatch of measurement due to promulgation of Re-survey By Gov of Gujarat. Ownership Issue.	
2	322+130	322+245	0.115	Matar Talpad	(468; 467-old) (460,461 - new Survey no)	Jaydevprasad Ramanlal,Shree Bhikhabhai Laljibhai	0.115		Court Case and one side possession requested by Authority to CALA vide their letter dated 25.09.2019. Authority to obtain appropriate interim order to take possession for start of work & compensation may be disbursed when court procedure will be completed.However Authority has requested CALA for deposition of amount in court and provide possession vide their letter no.-503 dated 30.05.2020	

Land Status										
Sr. No	CHAINAGE		LENGTH (KM)	VILLAGE	SURVEY NO	Owner Name	UNCLEAR LENGTH (KM)		Hindrance Description	Photos
	FROM	TO					LHS	RHS		
3	313+630	313+735	0.105	Simaltha	303	Maheshbhai Vasava		0.105	Additional land required. CALA wrote to PIU for submitting proposal for additional land. Further PIU has written SECON for spot Survey & submission of report vide letter no.-145 dated 28/01/2020. No action has been taken by SECON so far.	
4	310+350	310+450	0.100	Kurchan	(480, 482, 490-old survey ni) (529/1,524 /1532/1,527 New Survey no.)	Vipul Patel	0.100	0.100	Land Compensation has been disbursed but owner has demanded for the compensation of Ucliptus trees. Authority has	

Land Status										
Sr. No	CHAINAGE		LENGTH (KM)	VILLAGE	SURVEY NO	Owner Name	UNCLEAR LENGTH (KM)		Hindrance Description	Photos
	FROM	TO					LHS	RHS		
5	310+110	310+160	0.050	Kurchan	(480, 482, 490-old survey ni) (529/1,524 /1532/1,527 New Survey no.)	Vipul Patel	0.050		Land Compensation has been disbursed but owner has demanded for the compensation of Ucliptus trees. Authority has	
Length % of Project			31.000				0.335			
			100.00%				1.08%			

B)Area Wise:

Package - 3 (Sampa to Manubar)(Km 323.000 to Km 292.00)							
Sl. No.	Village Name	Taluka & District	Area in Hec.	Award (Rs. In Cr.)	Disbus Area in Hec.	Disburs (Rs. In Cr.)	Disbus Area in %
1	Matar Talpad	Tal.-Amod Dist.-Bharuch	19.8612	10.02	17.5881	8.94	89%
2	Vanta Matar		1.6709	1.64	0.6865	1.63	41%
3	Sunthodara		14.4691	1.77	11.8723	1.62	82%
4	Telod		3.4501	1.24	3.0758	1.24	89%
5	Danda		29.1681	19.81	28.6605	19.46	98%
6	Dora		38.5582	22.58	36.5203	22.17	95%
7	Simlatha		21.5547	42.05	19.6934	38.39	91%
8	Vantarsa		0.2261	0.04	0.2261	0.04	100%
9	Kurchan		18.1568	3.21	17.3950	3.07	96%
10	Padariya	Tal. & Dist.-Bharuch	5.7697	2.78	5.7697	2.78	100%
11	Karela		42.2357	20.7	41.5702	20.53	98%
12	Pipaliya		12.4403	3.78	12.2705	3.71	99%
13	Kelod		25.5545	24.16	23.9498	24.16	94%
14	Taralsa		16.5034	11.56	16.5034	11.56	100%
15	Dayadara		21.1308	8.48	19.0856	7.64	90%
16	Derol		35.4004	35.89	32.6372	35.12	92%
17	Tham		8.1923	4.14	8.1923	4.14	100%
18	Kanthariya		8.6506	11.01	7.5455	10.49	87%
TOTAL AWARD PKG #3			322.9929	224.86	301.25	216.69	94%

4.2 Clearances Summary: -

4.2 A) STATUS OF PERMISSION AND APPROVALS

Environment				
Proposal Description	Status	Length impacted	Current stage	Issues/Comments
As per Schedule-A (Annex-V) – The Environmental clearance have been obtained				
Forest Land/Tree				
Proposal Description	Status	Length impacted	Current stage	Issues/Comments
Tree cutting permission received on dated 25.03.2019 with letter no. NHA1 PIU SURAT (Expressway)/FR-02/2019/1717				

(All Documents submitted again along with Apr 2020 MPR vide letter PVKEPL/HO/VKP3/IE/101/2020 Dt. 22.05.2020)

Sr No	Approvals as in Schedule -E	
a	Permission of the state Government for extraction of boulder from quarry	The company has given a subcontract to Mauni Minerals for supply of Aggregate and GSB material. They have already procured permission from State Government for extraction of boulders. Valid till 14.07.2025
B	Permission of Village panchayat and Pollution control board for installation of crusher.	Obtained. Valid till 14.07.2025
c	License for use of explosives	Work Agreement with Mauni Minerals (Agency) to Sub-agency (Sukhdev Enterprise) for quarrying of boulder is enclosed with its use, storage & transportation of explosives. Valid till 31.03.2023
d	Permission from State government for drawing water from river/reservoir.	NA (For use of water, as per guideline of Ministry of water resource letter dated 26/10/2012, it is exempted from obtaining NOC if ground water used up to 100 cum/day i.e. 1 Lac liter/day in any Infrastructure Project., as our consumption is under the limit.)
E	License from Inspector of factories or competent authorities for setting up Batching Plant	Obtained. Valid till 17.09.2025.

Sr No	Approvals as in Schedule -E	
F	Clearance from Pollution control board for Setting up Batching Plant	Obtained. Valid till 17.09.2025.
G	Permission of Village Panchayat and Pollution control board for Asphalt Plant	N.A.
H	Permission of Village Panchayat and State Government for Borrow earth.	Some Village Panchayats Obtained. Others in progress
I	Permission of State Government for Cutting trees	Obtained Forest trees cutting permission received vid letter no. NHAI/PIU Surat (Expressway)/FR-02/2019/1717 on dated 25.03.2019
J	Consent to establish issued by the Sate Pollution Control Board for the Project;	Obtained

4.3 Status of utility shifting: -

Utility Category	Name/ Department	Status	Length affected as on appointed Date	Date & letter of request by Authority for estimate	Date & letter when Estimate was Received from concerned dept.	Date & letter when Estimate was Verified By IE.	Date & letter of Approval by Authority RO/ HQ	Date & letter of Deposit of supervision charge	Progress of Physical Shifting	Date of Certification from Agency for Completion	Estimate Amount	Issue/ Comments
Water	GWSSB	All Estimates submitted	80 M	-	-		-	-	-	-	-	Issue resolved through change in design
	SSNNL	<i>Revised Drawing already submitted to All three Divisions of SSNNL</i>	730 M									Issue resolved work in Progress
Electricity	DGVCL	PVKPL submit supervision charges vide Letter #80 on 16.05.2019	2303 M	-	-	#72,73 & 74 on 13.02.2019	-	Supervision Charges Paid for 1) Palej on 24.05.19 2) Amod on 23.05.19 3) Bharuch	-	-	-	At 4 Location (120 m) estimates are under Review. Other locations work in progress.
	GETCO	Estimate has been approved by competent authority of NHAI on 09.12.19	884 M			#342 on 01.05.2019						Estimates has been approved by NHAI on 05.12.19. Two Drawings are approved, Request has been raised for material inspection.

Gas Pipe Lines	GAIL	<p><i>In the meeting held on 27th January 2020 with PD NHAI & GM GAIL, accordingly revised GAD has been submitted by NHAI to GAIL on 03.02.2020 vide their letter no. 184</i></p>	300 M					<p>Site Visit Charges Paid by NHAI without GST</p>		<p>During meeting It is decided that at location of proposed minor bridges 296+432 & 304+432 Gas pipe line protection will be done by HDD method. Cost towards HDD will be borne by NHAI and road will be constructed through earth work embankment at these locations. However for vertical clearance at 309+080 minor bridge GAIL will communicate later. (Affected Length -180M)</p>
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4.3 A) Utility shifting/ Tree Cutting Progress Status-Length Wise

Utility Category	Name/ Department	Length affected (M)	Length Cleared (M)	Balance Affected Length (M)
Water	GWSSB	80	80	0
	SSNNL	340	340	0
Electricity	DGVCL	2303	2183	120
	GETCO	884	0	884
Gas Pipe Lines	GAIL	300	120	180
Tree	Tree Cutting	900	900	0

4.3 B) Utility shifting/ Tree Cutting Progress Status-Nos

Sr. No.	Particular	Total	Progress till Last Month	Current Month	Cumulative Progress till July-2020	Balance to Completed	Remarks
1	Electric Pole						
	Bharuch Section						
	Bharuch division						
	i) Bharuch Subdivision	41	7	3	10	31	
	ii) Palej Subdivision	5				5	
	iii) Am od Subdivision	5				5	
	Total	51	7	3	10	41	
2	Structures (Nos.)						
	Bharuch Section	7	7	-	7	0	
	Total	7	7	-	7	0	
3	Religious Str. (Nos.)						
	Bharuch Section	0	0	0	0	0	
	Total	0	0	0	0	0	
4	H.T. Line crossing						
	Bharuch Section	6			0	6	
	Total	6			0	6	
5.	Water Utilities						
	Bharuch Section						
	i) Bharuch Subdivision						
	ii) Jambusar Sub-division						
	Total	64	7	3	17	47	

Tree Cutting Progress Status-Nos

Sr. No.	District	Category		Total Nos.	Status of Cutting Permission	No. of Cutting Permission	No of Trees cut	Balance No of Trees	Remark
1	Bharuch	Govt. Trees	All	164	Tree Cutting Permission is received vide letter No. NHA/PIU Surat (Expressway)/PR- 02/2019/1717 Date: 25.03.2019	164	164	Nil	-
		Pvt. Trees		0					

5.0 Change of Scope:-

Sr. No.	Proposal Details	Date of first submission to IE	Current Status	COS Amount	Expected/Actual date of Approval
	NIL	NIL	NIL	NIL	NIL

6.0 Mobilization of Resources.

Sr. No	Equipment	Unit	Resource Required at peak	Deployed Machinery Month of July-2020
1	Excavator	Nos	16	21
2	Motor Grader	Nos	16	12
3	Dozer	Nos		4
4	Vibratory Roller	Nos	16	18
5	Tandem Roller	Nos	-	3
6	Baby roller	Nos	-	2
7	Wet Mix/ DLC Paver	Nos	1	1
8	Wet Mix Plant	Nos	1	1
9	PQC Paver	Nos	1	1
10	Pneumatic Tyre Roller	Nos	0	-
11	Dumpers/Tippers	Nos	107	71
12	FE Loaders/JCB	Nos	10	11
13	Water Tanker	Nos	23	20
14	Batching Plant CP60	Nos	2	2
15	Batching Plant CP 120	Nos	1	1
16	Batching Plant CP 240	Nos	1	1
17	Batching Plant 300 TPH (DLC)	Nos	1	1
18	Sand Washing plant	Nos	1	1
19	Transit Mixers	Nos	10	20
20	Boom Placer	Nos	1	2
21	Concrete Pump	Nos	1	2
22	Kerb Machine	Nos	1	0

7.0 Financial Progress Details

7.1 Pen Picture - Escrow

Total Bid Project Cost (Cr.)	Total Project Cost (Cr.)	Cumulative inflow to Escrow till previous month (Cr)	Cumulative outflow from Escrow till previous month (Cr)	Inflow to Escrow During the July-20 (Cr)	Outflow from Escrow during the July-20 (Cr)
1712	1027.2	562.58	558.90	80.63	81.29

7.2 Escrow detail

Total Bid Project Cost (Cr.)	Total Project Cost (Cr.)	Escrow Plan till date-Debt (HAM)(Cr)	Escrow Plan till date-Equity (HAM)(Cr)	Escrow Plan till date- VGF (HAM)(Cr)	Escrow Actual till date-Debt (HAM)(Cr)	Escrow Actual till date- Equity (HAM)(Cr)	Escrow Actual till date- YGF (HAM)(Cr)
1712	1027.2	721.46	180.37	547.84	100.00	170.42	299.80

8.0 QA/QC Report.

8.1 Test conducted on site.

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted												Remark
					Up To Previous Month			This Month			IE Witness This Month			Total Upto Date			
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Cum. No. of Test	
OGI & Cutting Soil																	
1	Free Swell Index	IS 2720 Part 40	2 test per 3000 m ³	50 % Max	148	0	148	0	0	0	0	0	0	148	0	148	
2	Grain Size Analysis	IS 2720 Part 4	2 test per 3000 m ³	-	148	0	148	0	0	0	0	0	0	148	0	148	
3	Plasticity Index	IS 2720 Part 5	2 test per 3000 m ³	L.L.= Not>50 %,PI =Not> 25 %	148	0	148	0	0	0	0	0	0	148	0	148	
4	Max. Dry Density	IS 2720 Part 8	2 test per 3000 m ³	Up to 3m 1.52 gm./cc	148	0	148	0	0	0	0	0	0	148	0	148	

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted												Remark
					Up To Previous Month			This Month			IE Witness This Month			Total Upto Date			
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Cum. No. of Test	
5	CBR	IS 2720 Part 16	1 test as required	Min. 8 % or as per design	0	0	0	0	0	0	0	0	0	0	0	0	
6	Density of Comp.Layer	IS 2720 Part 28	1 set of 10 tests/ 3000 m ²	90-95 % of lab MDD	5490	80	5570	0	0	0	0	0	0	5490	80	5570	
Borrow Area (Embankment & Subgrade)																	
1	Free Swell Index	IS 2720 Part 40	2 test per 3000 m ³	50 % Max	3670	0	3670	0	0	0	0	0	0	3670	0	3670	
2	Grain Size Analysis	IS 2720 Part 4	2 test per 3000 m ³	-	3670	0	3670	0	0	0	0	0	0	3670	0	3670	
3	Plasticity	IS 2720	2 test per	L.L.= Not>50 %,PI	3670	0	3670	0	0	0	0	0	0	3670	0	3670	

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted												Remark
					Up To Previous Month			This Month			IE Witness This Month			Total Upto Date			
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Cum. No. of Test	
	Index	Part 5	3000 m ³	=Not> 25 %													
4	Max. Dry Density	IS 2720 Part 8	2 test per 3000 m ³	Up to 3m 1.52 gm./cc More than 3m 1.60 gm./cc	3670	0	3670	0	0	0	0	0	0	3670	0	3670	
5	CBR	IS 2720 Part 16	1 test per 3000 m ³	Min. 8 % as per design	450	5	455	0	0	0	0	0	0	450	5	455	
Earthwork Field test																	
1	Density of Comp. Layer (Emb.)	IS 2720 Part 28	1 set of 10 tests per 3000 m ²	95% of Lab MDD	40843	835	41678	3	0	3	3	0	3	40846	835	41681	

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted												Remark
					Up To Previous Month			This Month			IE Witness This Month			Total Upto Date			
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Cum. No. of Test	
2	Density of Comp.Layer (Sub grade & Earthen shoulder)	IS 2720 Part 28	1 set of 10 tests per 2000 m ²	97% of Lab MDD	628	53	681	2	0	2	2	0	2	630	53	683	
GSB																	
1	Sieve Analysis		1 Test /400M ³	As per MORT&H Table 400-1	151	0	151	9	0	9	4	0	4	160	0	160	
2	Plasticity Index	IS 2720 Part 5	1 Test /400M ³	LL=Not>25% PI=Not>6%	151	0	151	9	0	9	4	0	4	160	0	160	

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted												Remark
					Up To Previous Month			This Month			IE Witness This Month			Total Upto Date			
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Cum. No. of Test	
3	Max. Dry Density	IS 2720 Part 8	1 TEST PER SOURCE		1	0	1	0	0	0	0	0	0	1	0	1	
4	CBR	IS 2720 Part 16	As Required	30% Min.	1	0	1	0	0	0	0	0	0	1	0	1	
5	Water Absorption	IS 2386 Part 3	As Required	2% Max.	1	0	1	0	0	0	0	0	0	1	0	1	
6	AIV	IS 2386 (P-4) & IS 5640	As Required	40% Max	1	0	1	0	0	0	0	0	0	1	0	1	
7	Density of Comp.Lay	IS 2720	1 Test	98% of Lab	333	14	347	5	0	5	4	0	4	338	14	352	

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted												Remark
					Up To Previous Month			This Month			IE Witness This Month			Total Upto Date			
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Cum. No. of Test	
er	Part 28	/1000M ²	MDD														
PHYSICAL PROPERTIES OF AGGREGATE FOR CONCRETE																	
1	Sieve Analysis of CA	IS 2386 Part 1	1 Test/Concreting Day	As per IS 383	714	0	714	27	0	27	4	0	4	741	0	741	
2	Sieve Analysis of FA	IS 2386 Part 1	1 Test/Concreting Day	As per IS 383	714	0	714	27	0	27	4	0	4	741	0	741	
3	Aggregate Impact Value	IS 2386 Part 4	1 Test/Concreting Day	As per IS 383	691	0	691	15	0	15	2	0	2	706	0	706	

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted												Remark
					Up To Previous Month			This Month			IE Witness This Month			Total Upto Date			
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Cum. No. of Test	
4	Flakiness Index	IS 2386 Part 1	1 Test/Concrete Day	As per IS 383	691	0	691	15	0	15	2	0	2	706	0	706	
5	Silt Content	IS 383	As Required		544	0	544	14	0	14	2	0	2	558	0	558	
6	Specific Gravity & W A	IS 2386 PART 3	1 Test/Month		6	0	6	0	0	0	0	0	0	6	0	6	
Concrete Mix Design (cube sets)																	
1	M15 7 Days	IS-516	18 Cubes	As per MoRT&H	3	0	3	0	0	0	0	0	0	3	0	3	

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted											Remark	
					Up To Previous Month			This Month			IE Witness This Month			Total Upto Date			
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed		Cum. No. of Test
	28 Days				9	0	9	0	0	0	0	0	0	9	0	9	
2	M25 Kerb 7 Days				0	0	0	6	0	6	6	0	6	6	0	6	
	28 Days				0	0	0	0	0	0	0	0	0	0	0	0	
3	M20 7 Days				3	0	3	0	0	0	0	0	0	3	0	3	
	28 Days				9	0	9	0	0	0	0	0	0	9	0	9	
4	M25 PCC 7 Days				46	0	46	0	0	0	0	0	0	46	0	46	
	28 Days				91	0	91	0	0	0	0	0	0	91	0	91	

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted											Remark	
					Up To Previous Month			This Month			IE Witness This Month			Total Upto Date			
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed		Cum. No. of Test
	7 Days																
	28 Days				0	0	0	0	0	0	0	0	0	0	0	0	
9	M40 7 Days				55	0	55	0	0	0	0	0	0	55	0	55	
	28 Days				87	0	87	0	0	0	0	0	0	87	0	87	
10	M45 7 Days				13	0	13	0	0	0	0	0	0	13	0	13	
	28 Days				19	0	19	0	0	0	0	0	0	19	0	19	
11	M50 7 Days				40	0	40	0	0	0	0	0	0	40	0	40	

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted												Remark
					Up To Previous Month			This Month			IE Witness This Month			Total Upto Date			
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Cum. No. of Test	
	28 Days				28	0	28	15	0	15	15	0	15	43	0	43	
12	M40 PQC 7 Days	IS-516	36 cubes & 30 beams	As per MoRT&H	58	0	58	4	0	4	4	0	4	62	0	62	
	28 Days				290	0	290	0	0	0	0	0	0	0	290	0	290
13	M40 PQC Fl. Strength 7 Days	IS-516	36 cubes & 30 beams	As per MoRT&H	58	0	58	4	0	4	4	0	4	62	0	62	
	28 Days				290	0	290	0	0	0	0	0	0	0	290	0	290
14	DLC 7 Days	IS-516	10 cubes	As per MoRT&H	97	29	126	0	0	0	0	0	0	97	29	126	

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted											Remark	
					Up To Previous Month			This Month			IE Witness This Month			Total Upto Date			
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed		Cum. No. of Test
Compressive Strength of Concrete Cubes (Field)																	
1	M15 7 Days	IS-516	1 test - 0-5 M3 2test - 6-15 m3 3test - 16-30 m3 4 test - 31- 50 m3 +1 test for every 50m3 concrete	As per MoRT&H	0	0	0	0	0	0	0	0	0	0	0	0	
	28 Days				0	0	0	0	0	0	0	0	0	0			
2	M20 Kerb 7 Days				0	0	0	0	0	0	0	0	0	0	0		
	28 Days				0	0	0	0	0	0	0	0	0	0	0		
3	M25 PCC 7 Days				499	0	499	0	0	0	0	0	0	499	0	499	
	28 Days				1210	0	1210	2	0	2	2	0	2	1212	0	1212	

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted											Remark	
					Up To Previous Month			This Month			IE Witness This Month			Total Upto Date			
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed		Cum. No. of Test
4	M30 7 Days				280	0	280	6	0	6	4	0	4	286	0	286	
	28 Days				1079	0	1079	54	0	54	34	0	34	1133	0	1133	
5	M35 7 Days				1116	0	1116	31	0	31	8	0	8	1147	0	1147	
	28 Days				3840	0	3840	137	0	137	62	0	62	3977	0	3977	
6	M35 Pile 7 Days				824	0	824	0	0	0	0	0	0	824	0	824	
	28 Days				2597	0	2597	0	0	0	0	0	0	2597	0	2597	
7	M35 RE block				4	0	4	0	0	0	0	0	0	4	0	4	

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted										Remark		
					Up To Previous Month			This Month			IE Witness This Month			Total Upto Date			
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed		Failed	Cum. No. of Test
	7 Days																
	28 Days				14	0	14	0	0	0	0	0	0	14	0	14	
8	M40 7 Days				4	0	4	0	0	0	0	0	0	4	0	4	
	28 Days				12	0	12	0	0	0	0	0	0	12	0	12	
9	M45 7 Days				0	0	0	0	0	0	0	0	0	0	0	0	
	28 Days				0	0	0	0	0	0	0	0	0	0	0	0	
10	M50 PSC 7 Days				73	0	73	4	0	4	1	0	1	77	0	77	

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted											Remark			
					Up To Previous Month			This Month			IE Witness This Month			Total Upto Date					
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed		Cum. No. of Test		
	28 Days				230	0	230	12	0	12	2	0	2	242	0	242			
11	M40 PQC 7 Days	IS-516	1 test of 2 cubes & 2beams for 150 m3 or Min. 6 cubes & 6 beams for the day	As per MoRT&H	9	0	9	0	0	0	0	0	0	9	0	9			
	28 Days				59	0	59	0	0	0	0	0	0	0	59	0	59		
12	M40 PQC F.S 7 Days				9	0	9	0	0	0	0	0	0	0	0	9	0	9	
	28 Days				59	0	59	0	0	0	0	0	0	0	0	59	0	59	
13	DLC 7 Days	IS-516	1 set of 3cubes for 1000 m2	Asper MoRT&H	238	0	238	28	0	28	16	0	16	266	0	266			

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted												Remark
					Up To Previous Month			This Month			IE Witness This Month			Total Upto Date			
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Cum. No. of Test	
14	DLC FDD	IS 2720 Part 28	1 Test /2000M ²	98% of Ref. Density	129	0	129	5	0	5	1	0	1	134	0	134	
Cement																	
1	Fineness	IS 4031	1 Test/Week		167	0	167	11	0	11	3	0	3	178	0	178	
2	Consistency	IS 4031	1 Test/Week		167	0	167	11	0	11	3	0	3	178	0	178	
3	Setting Time	IS 4031	1 Test/Week		167	0	167	11	0	11	3	0	3	178	0	178	
4	Soundness	IS 4031	1 Test/Week		71	0	71	0	0	0	0	0	0	71	0	71	

Sr. No.	Name of Test	Testing Method	Frequency of Test	Specification Requirements	Number of Tests Conducted											Remark	
					Up To Previous Month			This Month			IE Witness This Month			Total Upto Date			
					Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed		Cum. No. of Test
5	Compressive Strength	IS 4031	1 Test/Week														
	a) 3 Days		01 set = 3 Cube		152	0	152	10	0	10	2	0	2	162	0	162	
	b) 7 Days		01 set = 3 Cube		154	0	154	12	0	12	2	0	2	166	0	166	
	c) 28 Days		01 set = 3 Cube		118	0	118	15	0	15	2	0	0	133	0	133	

8.2 Weather report

<u>WEATHER REPORT (Month of July-2020)</u>								
Sl. No.	Date	Temperature °C		Humidity %		Rainfall (mm)	Cum.Rainfall (mm)	Weather Condition
		Min. Temp.	Max. Temp.	Min.	Max.			
1	01-Jul-20	28.0	40.0	43.0	84.0	0.0	0.0	Partial Cloudy/Sunny
2	02-Jul-20	29.0	39.0	41.0	82.0	0.0	0.0	Partial Cloudy/Sunny
3	03-Jul-20	30.0	40.0	40.0	84.0	0.0	0.0	Partial Cloudy/Sunny
4	04-Jul-20	29.0	38.0	50.0	83.0	0.0	0.0	Partial Cloudy/Sunny
5	05-Jul-20	27.0	36.0	58.0	88.0	30.0	30.0	Partial Cloudy/Rainy
6	06-Jul-20	28.0	37.0	57.0	93.0	21.0	51.0	Partial Cloudy/Rainy
7	07-Jul-20	26.0	36.0	55.0	90.0	15.0	66.0	Partial Cloudy/Rainy
8	08-Jul-20	28.0	36.0	70.0	95.0	4.0	70.0	Partial Sunny/Rainy
9	09-Jul-20	27.0	34.0	64.0	94.0	10.0	80.0	Partial Sunny/Rainy
10	10-Jul-20	28.0	33.0	65.0	93.0	7.0	87.0	Partial Sunny/Rainy
11	11-Jul-20	29.0	34.0	64.0	93.0	15.0	102.0	Partial Sunny/Rainy
12	12-Jul-20	27.0	33.0	64.0	94.0	26.0	128.0	Partial Sunny/Rainy
13	13-Jul-20	27.0	31.0	65.0	87.0	0.0	128.0	Partial Sunny/Rainy
14	14-Jul-20	28.0	35.0	64.0	93.0	40.0	168.0	Partial Sunny/Rainy
15	15-Jul-20	29.0	36.0	63.0	95.0	10.0	178.0	Partial Sunny/Rainy
16	16-Jul-20	27.0	35.0	65.0	94.0	35.0	213.0	Partial Sunny/Rainy
17	17-Jul-20	26.0	34.0	66.0	93.0	10.0	223.0	Partial Sunny/Rainy
18	18-Jul-20	28.0	35.0	64.0	95.0	0.0	223.0	Partial Cloudy/Sunny
19	19-Jul-20	27.0	36.0	65.0	94.0	0.0	223.0	Partial Cloudy/Sunny
20	20-Jul-20	28.0	37.0	55.0	93.0	0.0	223.0	Partial Cloudy/Sunny
21	21-Jul-20	27.0	36.0	56.0	94.0	0.0	223.0	Partial Cloudy/Sunny

WEATHER REPORT (Month of July-2020)

Sl. No.	Date	Temperature °C		Humidity %		Rainfall (mm)	Cum.Rainfall (mm)	Weather Condition
		Min. Temp.	Max. Temp.	Min.	Max.			
22	22-Jul-20	28.0	36.0	55.0	93.0	10.0	233.0	Partial Sunny/Rainy
23	23-Jul-20	29.0	38.0	47.0	93.0	60.0	293.0	Partial Sunny/Rainy
24	24-Jul-20	28.0	39.0	46.0	94.0	0.0	293.0	Partial Cloudy/Sunny
25	25-Jul-20	29.0	37.0	48.0	92.0	20.0	313.0	Partial Sunny/Rainy
26	26-Jul-20	26.0	38.0	46.0	91.0	10.0	323.0	Partial Sunny/Rainy
27	27-Jul-20	27.0	36.0	44.0	93.0	0.0	323.0	Partial Cloudy/Sunny
28	28-Jul-20	28.0	37.0	45.0	94.0	0.0	323.0	Partial Cloudy/Sunny
29	29-Jul-20	29.0	36.0	48.0	91.0	5.0	328.0	Partial Cloudy/Sunny
30	30-Jul-20	26.0	35.0	47.0	94.0	0.0	328.0	Partial Cloudy/Sunny
31	31-Jul-20	29.0	37.0	93.0	49.0	6.0	334.0	Partial Sunny/Rainy
Average		27.8	36.1	55.3	91.5			

9.0 Safety Features

9.1 Pen picture of safety features

Location of Black spot	Suggested Remedial Measures with in provisions of Concession Agreement	Additional Remedial Measures (if any)	Financial implications of additional Remedial Measures for Authority
312	Barricade Working Zone Properly	Provide Concrete Jersey Barrier	
	Provide Advance Warning Boards		

Note - Detailed Site safety report attached as Annexure-10

9.2 Accident report:

Accident Type: Minor Accident

Description: Accident Between Bharat Benz and Bolero coming from village road at Ch. 303+808 in Month of April 2020.

10.0 Review status of drawings/design reports

10.1 Structure drawing status

Sr. No	Type of Structure	Total scope [Nos.]	Nos. of structures Submitted to IE	Nos. of structures Approved by IE	Chainage	Submission to IE	Comments from IE	Remarks
1	Pipe Culvert	35	35	35	-	Submitted via direct mail from Designer to IE dated 15.05.2019 at 2:36 PM	Found in order as per MOM dt. 17.05.2019	Approved
2	Box Culvert	27	27	18	-	7 Nos. submitted via Letter No. 184 dated 12.12.2019	12 Nos are found in order (less than 20%) in MOM 6 Nos. are found in order vide ltr. No. 1595, 1659, 1682 and 1683	18 Nos Approved, 5 Nos SSNNL consent pending, 4 Nos Under review with IE.
3	Flyover	1	1	1	299+375	Submitted via letter no. 042 dated 25.02.2020 Bearing submitted via letter no. 020 dt. 24.01.2020	Comments received via letter No. 989 dated 04.11.2019 Comments on bearing received via letter no. 1445 dt. 12.02.2020	Approved vide ltr. no. 1669 dated 10.04.2020
4	Major Bridge	3	3	3	302+732	Submitted via letter no. 335 dated 23.12.2019	Comments received via letter No. 1331 dated 20.01.2020	Approved by IE via ltr. 1259 dt. 01.01.2020
					318+875	Submitted via letter no. 239 dated 04.10.2019	-	Approved vide letter no. 1084 dt. 02.12.2020
					321+280	Submitted via letter no. 179 dated 24.07.2019	-	Approved in MOM dt. 30.08.2019

Sr. No	Type of Structure	Total scope [Nos.]	Nos. of structures Submitted to IE	Nos. of structures Approved by IE	Chainage	Submission to IE	Comments from IE	Remarks
5	Minor Bridge	11	11	8	294+085	Submitted via letter no. 189 dated 19.12.2019	Comments received via letter No. 1554 dated 03.03.2020	Approved vide letter no. 1554 dt. 03.03.2020
					296+432 -G	Submitted via letter no. 184 dated 06.08.2019	-	In meeting with GAIL, they have given concurrence on GAD with SDD method. Therefore no needs to provide structure
					297+472	Submitted via letter no. 049 dated 03.03.2020 & 194 Dt. 24.12.2019	Letter No. 1364 dated 30.01.2020	Approved by IE via ltr. 1660 dt. 04.04.2020
					297+562	Submitted via letter no. 185 dated 06.08.2019	-Comments received on Hyd. Report via letter No. 905 dated 27.09.2019	Approved in MOM dt. 30.08.2019
					304+450 -G	Submitted via letter no. 145 dated 17.08.2019	-	In meeting with GAIL, they have given concurrence on GAD with SDD method. Therefore no needs to provide structure

Sr. No	Type of Structure	Total scope [Nos.]	Nos. of structures Submitted to IE	Nos. of structures Approved by IE	Chainage	Submission to IE	Comments from IE	Remarks
					307+731	Submitted via letter no. 260 dated 21.10.2019 (GFC)	-	Approved by IE via ltr. 1006 dt. 08.11.2019
					309+100 -G	Submitted via letter no. 254 dated 17.10.2019	Comments received via letter No. 1003 dated 08.11.2019	Approved by IE ltr. 1813 dt. 05.06.2020, Bearing compliance submitted vide letter no. 115 dt. 12.06.2020
					309+840	Submitted via letter no. 011 Dated 08.01 .2020	Approved via mail dt. 25.11.2019	Approved vide IE letter No. 1705 dated 24.04.2020
					310+752 -G	Submitted via letter no. 199 dated 31.12.2019	Comments received via letter No. 1465 dated 15.02.2020	Approved vide IE letter No. 2097 dated 06.08.2020
					313+835	Submitted via letter no. 145 dated 17.08.2019	-	Approved in MOM dt. 30.08.2019
					314+314	Submitted via letter no. 334 dated 23.12.2019	Comments received via letter No. 1226 dated 24.12.2019	Under Review with IE

Sr. No	Type of Structure	Total scope [Nos.]	Nos. of structures Submitted to IE	Nos. of structures Approved by IE	Chainage	Submission to IE	Comments from IE	Remarks
6	PUP	30	30	22	-	<p>-29 Nos via letter No. 21 dated 22.10.2018</p> <p>- 1 No via letter No. 37 dated 12.12.2018</p> <p>-Further 18 Nos revised Submitted Via ltr no. 18 on 28.02.2019, also Directly submitted by Designer to Aarvee via mail dt. 23.05.2019 at 6:41 pm R3-PVKEPL/HO/VKP3/IE/093/2019 dt. 28.05.2019</p> <p>- Further revised 12 Nos submitted via 049 on 17.04.2019</p> <p>-Directly by Designer to Aarvee via mail dt. 30.05.2019</p>	<p>Comments received via letter no. AA/VKE/PVKEPL/092/19-20/DESIGN REVIEW/357 dated 06.05.2019 and AA/VKE/PVKEPL/092/19-20/DESIGN REVIEW/442 dated 28.05.2019 on Geotech reports</p> <p>3 Approved vide AA/VKE/PVKEPL/0114/19-20/DESIGN REVIEW/472 Dt. 03.06.2019</p> <p>18 Approved vide AA/VKE/PVKEPL/0115/19-20/DESIGN REVIEW/473 Dt. 03.06.2019</p> <p>Approval received vide letter no 1147 dt. 13.12.2019 on drawing submitted vide ltr no. 208</p> <p>Comment received on 306+820 vide IE letter no. 1695 dated 22.04.2020</p>	22 Nos approved
7	VUP	3	3	3	295+575	Submitted via letter no. 044 dated 26.02.2020	AA/VKE/PVKEPL/0116/19-20/DESIGN REVIEW/474 Dt.	Approved by IE

Sr. No	Type of Structure	Total scope [Nos.]	Nos. of structures Submitted to IE	Nos. of structures Approved by IE	Chainage	Submission to IE	Comments from IE	Remarks
							03.06.2019	
					303+830	Submitted via letter no. 045 dated 26.02.2020	Approval received via letter No. 1261 dated 02.01.2020	Approved by IE
					312+720	Submitted via letter no. 045 dated 26.02.2020	Approval received via letter No. 1261 dated 02.01.2020	Approved by IE
8	VOP	1	1	-	307+193	Submitted via letter no. 003 dated 01.01.2020 & PVKEPL/HO/VKP3/IE/374/2020 dt. 02.02.2020	Comments received via letter No. 1555 dated 03.03.2020 Submitted via letter no. 142 dated 01.08.2020	Under review with IE
9	LVUP	7	7	7		Submitted via letter no. 226 dated 24.09.2019	-	Approved by IE via ltr. 1146 dt. 30.01.2020
10	ROB (Non-Railway)	1	1	1	293+014	Submitted via letter no. 198 dated 31.12.2019	Comments received via letter No. 1368 dated 30.01.2020	Approved

10.2 Highway drawing status

Plan and Profile				
Sr No.	Description	Concessionaire Submission Letter No. and Date	IE's comment Letter No. and Date	Remark
1	MCW	# 267 on 02.11.2019	# 1144 Dt. 13.12.2019	
2	Connecting road	# 267 on 02.11.2019	# 1144 Dt. 13.12.2019	
3	VOP Approaches	# 35 on 08.04.2019	# 476 Dt. 04.06.2019	

Abstract of Pavement Design

Connecting Road / Main Carriageway & Type of Pavement			Pavement Composition	Status	Remark
connecting Roads/ Overpass Cross Roads	Flexible Pavement	New Construction (10 MSA)	40 mm BC + 50 mm DBM +250 mm WMM + 200 mm GSB + 500 mm Subgrade with 8% effective CBR	APPROVED	Letter no. AA/VKE/PVKEPL/051/18-19/Design Review/176 dated 13.03.2019
			30 mm BC + 50 mm DBM +250 mm WMM + 200 mm GSB + 500 mm Subgrade with 10% effective CBR	APPROVED	Letter no. AA/VKE/PVKEPL/051/18-19/Design Review/176 dated 13.03.2019
			30 mm BC + 50 mm DBM +100 mm WMM + 150 mm CTSB + 500 mm Subgrade with 8% effective CBR	APPROVED	Letter no. AA/VKE/PVKEPL/051/18-19/Design Review/176 dated 13.03.2019
			30 mm BC + 50 mm DBM +100 mm WMM + 150 mm CTSB + 500 mm Subgrade with 10% effective CBR	APPROVED	Letter no. AA/VKE/PVKEPL/051/18-19/Design Review/176 dated 13.03.2019
			40 mm BC + 100 mm Aggregate Layer (WMM) + 200 mm Cemented Base + 250 mm GSB + 500 mm Subgrade with 8% effective CBR	APPROVED	Letter no. AA/VKE/PVKEPL/051/18-19/Design Review/176 dated 13.03.2019
			40 mm BC + 100 mm Aggregate Layer (WMM) + 200 mm Cemented Base + 250 mm GSB + 500 mm Subgrade with 10 % effective CBR	APPROVED	Letter no. AA/VKE/PVKEPL/051/18-19/Design Review/176 dated 13.03.2019
Main Carriage Way	Rigid Pavement	New Construction	300 mm PQC + 150 mm DLC + 150 mm GSB+ 500 mm Subgrade with 8% effective CBR	APPROVED	Letter no. AA/VKE/PVKEPL/051/18-19/Design Review/176 dated 13.03.2019

PLANT STATUS

CRUSHER:- 300 TPH @ Rajpardi for Aggregates – Functional

Batching Plant:-

1. Batching Plant (60 CUM) @ Tralsa Camp (KM 299+350 R/S) - Functional
2. Batching Plant (112 CUM) @ Tralsa Camp (KM 299+350 R/S) - Functional
3. Batching Plant (60 CUM) @ Dayadra (KM 300+000 L/S) - Functional
4. Batching Plant -PQC (240 CUM) - Functional
5. DLC Plant(300 MT)) - Functional

Borrow Area:-

Status	Number of Borrow areas	Qty(Cum)
Approved	145	5173028
Submitted	38	1509282
Total	183	6682310

10.3 Review status of source approvals & Mix Design

Sr No	Description	Date of Approval	Approval Letter No.
1	Cement		
i	Ultra Tech Cement Ltd	02.02.2019	AA/VKE/PVKEPL/011/18-19/Q & M /048
ii	Gujrat Siddhi Cement Ltd	11.04.2019	AA/VKE/PVKEPL/070/19-20/Q & M /281
iii	Saurarashtra Cement Ltd (Hathi Cement)	13.04.2019	AA/VKE/PVKEPL/074/19-20/Q & M /289
iv	JK Lakshmi Cement Ltd	02.02.2019	AA/VKE/PVKEPL/011/18-19/Q & M /048
v	Sanghi Industries Ltd	02.02.2019	AA/VKE/PVKEPL/011/18-19/Q & M /048
vi	Birla Corporation Ltd	02.02.2019	AA/VKE/PVKEPL/011/18-19/Q & M /048
vii	Udaipur Cement works Ltd	02.02.2019	AA/VKE/PVKEPL/011/18-19/Q & M /048
viii	Nuvoco Vistas Corporation Ltd	24.06.2019	AA/VKE/PVKEPL/125/18-19/Q & M /546
ix	Wonder Cement Ltd	21.11.2019	AA/VKE/PVKEPL/211/19-20/Q & M /1048
x	Ambuja Cement Ltd	21.11.2019	AA/VKE/PVKEPL/211/19-20/Q & M /1046
2	Reinforcement Steel		
i	Jindal Steel & Power (JSPL)	13.05.2019	AA/VKE/PVKEPL/100/19-20/Q & M /393
ii	Electro Steel Pvt. Ltd	09.07.2019	AA/VKE/PVKEPL/144/19-20/Q & M /609
iii	ESSAR	09.07.2019	AA/VKE/PVKEPL/144/19-20/Q & M /609
iv	Electrotherm (India) Ltd	15.01.2020	AA/VKE/PVKEPL/284/19-20/Q & M /1310
3	Aggregates		
i	Rajpahardi (Coarse Agg)	15.02.2019	AA/VKE/PVKEPL/028/18-19/Q & M /085
ii	Nadeshwar (Fine Agg)	15.02.2019	AA/VKE/PVKEPL/029/18-19/Q & M /086
iii	Bodeli (Fine Agg)	15.02.2019	AA/VKE/PVKEPL/029/18-19/Q & M /086
4	Chemical Admixture		
i	Kunal	12.02.2019	AA/VKE/PVKEPL/018/18-19/Q & M /062
ii	BASF	12.02.2019	AA/VKE/PVKEPL/018/18-19/Q & M /062
iii	STP Limited	24.09.2019	AA/VKE/PVKEPL/184/19-20/Q & M /882
iv	CAC Pvt.Limited	21.11.2019	AA/VKE/PVKEPL/192/19-20/Q & M /1051
v	Yahska	31.08.2019	AA/VKE/PVKEPL/167/19-20/Q & M /784
vi	Sika India Pvt Ltd	04.10.2019	AA/VKE/PVKEPL/192/19-20/Q & M /925
vii	Fosroc	08.11.2019	AA/VKE/PVKEPL/201/19-20/Q & M /995
5	Fly Ash		
i	Suyog Element India Pvt. Ltd	04.10.2019	AA/VKE/PVKEPL/193/19-20/Q & M /926
a)	Micro Silica/ GGBS/Silica Fume		
i	Suyog Element India Pvt. Ltd	04.10.2019	AA/VKE/PVKEPL/193/19-20/Q & M /926
ii	Ishita enterprises (GGBS)	13.02.2020	AA/VKE/PVKEPL/314/19-20/Q&M/1448
iii	Guru Corporation	12.06.2020	AA/VKE/PVKEPL/394/20-21/Q&M/1850

Sr No	Description	Date of Approval	Approval Letter No.
6	Water		
i	Bore well at Camp Ch-299+300 RHS	28.03.2019	AA/VKE/PVKEPL/041/18-19/Q & M /223
7	Hume Pipe - NP4		
i	Giriraj Hump pipe Industries	12.02.2019	AA/VKE/PVKEPL/022/18-19/Q & M /066
ii	T & G Precast Industries	24.06.2019	AA/VKE/PVKEPL/126/19-20/Q & M /547
8	GEOTEXTILE		
i	M/S Maccaferri Environmental Solutions Pvt. Lts	08.11.2019	AA/VKE/PVKEPL/202/19-20/Q & M /996
ii	M/S Manas Geo Tech India Pvt. Lts	09.12.2019	AA/VKE/PVKEPL/229/19-20/Q & M /1130
iii	M/S Techfab (India) Industries Lts	08.11.2019	AA/VKE/PVKEPL/202/19-20/Q & M /996
iv	M/S Terre Armee	09.12.2019	AA/VKE/PVKEPL/229/19-20/Q & M /1130
v	M/s Narjis International Company	19.02.2020	AA/VKE/PVKEPL/322/19-20/Q & M /1489
9	PQC MISC ITEMS		
i	M/S Yash Enterprises (Separation membrane, dowel bar sleeves	13.02.2020	AA/VKE/PVKEPL/319/19-20/Q&M/1458
ii	M/S Electrotherm (India) Ltd- MS Round bar	15.01.2020	AA/VKE/PVKEPL/284/19-20/Q&M/1310
iii	M/S Solanki plastic- (Dowel bar sleeves, separation membrane)	12.02.2020	AA/VKE/PVKEPL/310/19-20/Q&M/1442
iv	M/S Akar Engineers- (Dowel bar sleeves & Separation membrane)	19.02.2020	AA/VKE/PVKEPL/325/19-20/Q&M/1492
10	Cement Grouting Admixture		
i	BASF India Ltd	13.02.2020	AA/VKE/PVKEPL/316/19-20/Q&M/1450
ii	Fosroc	13.02.2020	AA/VKE/PVKEPL/313/19-20/Q&M/1447
11	Independent Laboratory		
i	Mukesh A Patel	12.02.2019	AA/VKE/PVKEPL/021/18-19/Q & M /065
ii	Geo Designs & Research Pvt. Ltd	11.04.2019	AA/VKE/PVKEPL/072/19-20/Q & M /283
12	Structural Items		
i	M/S Dynamic Prestress (I) Ltd (Bearing & Prestressing Materials)	26.12.2019	AA/VKE/PVKEPL/263/19-20/Q & M /1231
ii	M/S INIZ Plastomech pvt. Ltd (Sheathing Ducts)	07.01.2020	AA/VKE/PVKEPL/278/19-20/Q & M /1285
iii	M/S Sanfield India Ltd(Bearing)	09.12.2019	AA/VKE/PVKEPL/231/19-20/Q & M /1132
iv	M/s Unitech Couplers India Pvt. Ltd	23.12.2019	AA/VKE/PVKEPL/250/19-20/Q & M /1212
vi	M/s Vadol Corporation Ltd(Reinforcement couplers)	31.12.2019	AA/VKE/PVKEPL/266/19-20/Q & M /1243
vii	M/s Usha Martin Ltd(HT Strands)	07.01.2020	AA/VKE/PVKEPL/276/19-20/Q & M /1283

Sr No	Description	Date of Approval	Approval Letter No.
13	Curing Compound, Seleant		
ii	STP	24.09.2019	AA/VKE/PVKEPL/184/19-20/Q & M /882
ii	Sika India Pvt Ltd	19.02.2020	AA/VKE/PVKEPL/327/19-20/Q & M /1494
iii	BASF India Ltd	13.02.2020	AA/VKE/PVKEPL/316/19-20/Q&M/1450
iv	Choksy Chemical pvt Ltd	26.02.2020	AA/VKE/PVKEPL/351/19-20/Q&M/1640
14	Borrow Area		
1	1	23.02.19	AA/VKE/PVKEPL/037/18-19/Q & M /119
2	1-Extension	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
3	1-A	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
4	1-B	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
5	1-C	20.08.19	AA/VKE/PVKEPL/164/19-20/Q & M /754
6	1-D	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
7	1-E	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
8	2	23.02.19	AA/VKE/PVKEPL/031/18-19/Q & M /113
9	2-A	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
10	2-B	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
11	2-C	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
12	2-D	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
13	3	23.02.19	AA/VKE/PVKEPL/038/18-19/Q & M /120
14	3-A	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
15	4	23.02.19	AA/VKE/PVKEPL/030/18-19/Q & M /114
16	4-B	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
17	4-C	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
18	4-D	01.07.19	AA/VKE/PVKEPL/136/19-20/Q & M /579
19	4-E	29.07.19	AA/VKE/PVKEPL/156/19-20/Q & M /680
20	4-F	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
21	4-G	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
22	5	23.02.19	AA/VKE/PVKEPL/032/18-19/Q & M /116
23	5-A	20.08.19	AA/VKE/PVKEPL/164/18-19/Q & M /754
24	5-B	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
25	6	23.02.19	AA/VKE/PVKEPL/030/18-19/Q & M /114
26	6-A	01.07.19	AA/VKE/PVKEPL/135/19-20/Q & M /578
27	6-B	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
28	6-C	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
29	7	11.04.19	AA/VKE/PVKEPL/071/19-20/Q & M /282
30	8	23.02.19	AA/VKE/PVKEPL/030/18-19/Q & M /114
31	8-A	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
32	8-B	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430

Sr No	Description	Date of Approval	Approval Letter No.
33	8-C	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
34	8-D	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
35	9	23.02.19	AA/VKE/PVKEPL/036/18-19/Q & M /118
36	10	23.02.19	AA/VKE/PVKEPL/035/18-19/Q & M /117
37	10-A	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
38	10-B	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
39	10-C	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
40	11	23.02.19	AA/VKE/PVKEPL/031/18-19/Q & M /115
41	11-A	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
42	11-B	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
43	12	11.04.19	AA/VKE/PVKEPL/071/19-20/Q & M /282
44	12-A	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
45	13	11.04.19	AA/VKE/PVKEPL/071/19-20/Q & M /282
46	14	11.04.19	AA/VKE/PVKEPL/071/19-20/Q & M /282
47	14-A	16.10.19	AA/VKE/PVKEPL/194/19-20/Q & M /950
48	15	11.04.19	AA/VKE/PVKEPL/071/19-20/Q & M /282
49	16	11.04.19	AA/VKE/PVKEPL/071/19-20/Q & M /282
50	17	11.04.19	AA/VKE/PVKEPL/071/19-20/Q & M /282
51	18	11.04.19	AA/VKE/PVKEPL/071/19-20/Q & M /282
52	18-A	29.07.19	AA/VKE/PVKEPL/156/19-20/Q & M /680
53	19	11.04.19	AA/VKE/PVKEPL/071/19-20/Q & M /282
54	20	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
55	20-A	20.08.19	AA/VKE/PVKEPL/164/18-19/Q & M /754
56	21	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
57	22	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
58	23	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
59	24	24.05.19	AA/VKE/PVKEPL/107/19-20/Q & M /430
60	24A	29.07.19	AA/VKE/PVKEPL/156/19-20/Q & M /680
61	25	24.06.19	AA/VKE/PVKEPL/127/19-20/Q & M /548
62	25-A	01.07.19	AA/VKE/PVKEPL/136/19-20/Q & M /579
63	25-B	20.08.19	AA/VKE/PVKEPL/164/18-19/Q & M /754
64	26	24.06.19	AA/VKE/PVKEPL/127/19-20/Q & M /548
65	27	24.06.19	AA/VKE/PVKEPL/127/19-20/Q & M /548
66	28	24.06.19	AA/VKE/PVKEPL/127/19-20/Q & M /548
67	28-A	29.07.19	AA/VKE/PVKEPL/156/19-20/Q & M /680
68	29	24.06.19	AA/VKE/PVKEPL/127/19-20/Q & M /548
69	30	24.06.19	AA/VKE/PVKEPL/127/19-20/Q & M /548
70	31	24.06.19	AA/VKE/PVKEPL/127/19-20/Q & M /548
71	31-A	20.08.19	AA/VKE/PVKEPL/164/18-19/Q & M /754

Sr No	Description	Date of Approval	Approval Letter No.
72	32	24.06.19	AA/VKE/PVKEPL/127/19-20/Q & M /548
73	33	24.06.19	AA/VKE/PVKEPL/127/19-20/Q & M /548
74	36	20.08.19	AA/VKE/PVKEPL/164/18-19/Q & M /754
75	37	21.11.19	AA/VKE/PVKEPL/212/19-20/Q & M /1047
76	38	21.11.19	AA/VKE/PVKEPL/212/19-20/Q & M /1047
77	39	29.11.19	AA/VKE/PVKEPL/212/19-20/Q & M /1047
78	26A	21.11.19	AA/VKE/PVKEPL/221/19-20/Q & M /1079
79	40	29.11.19	AA/VKE/PVKEPL/222/19-20/Q & M /1080
80	41	29.11.19	AA/VKE/PVKEPL/223/19-20/Q & M /1081
81	4-I	29.11.19	AA/VKE/PVKEPL/223/19-20/Q & M /1081
82	38-A	09.12.19	AA/VKE/PVKEPL/230/19-20/Q & M /1131
83	42	23.12.19	AA/VKE/PVKEPL/257/19-20/Q & M /1219
84	43	23.12.19	AA/VKE/PVKEPL/257/19-20/Q & M /1219
85	44	23.12.19	AA/VKE/PVKEPL/256/19-20/Q & M /1218
86	42-A	31.12.19	AA/VKE/PVKEPL/267/19-20/Q & M /1244
87	44-A	31.12.19	AA/VKE/PVKEPL/267/19-20/Q & M /1244
88	44-B	31.12.19	AA/VKE/PVKEPL/267/19-20/Q & M /1244
89	26-B	31.12.19	AA/VKE/PVKEPL/267/19-20/Q & M /1244
90	23-A	01.01.20	AA/VKE/PVKEPL/270/19-20/Q&M/1257
91	45	01.01.20	AA/VKE/PVKEPL/270/19-20/Q&M/1257
92	37-A	07.01.20	AA/VKE/PVKEPL/277/19-20/Q&M/1284
93	46	07.01.20	AA/VKE/PVKEPL/277/19-20/Q&M/1284
94	47	07.01.20	AA/VKE/PVKEPL/277/19-20/Q&M/1284
95	25-E	06.02.20	AA/VKE/PVKEPL/317/19-20/Q&M/1451
96	49	06.02.20	AA/VKE/PVKEPL/298/19-20/Q&M/1396
97	41-A	06.02.20	AA/VKE/PVKEPL/298/19-20/Q&M/1396
98	50	06.02.20	AA/VKE/PVKEPL/298/19-20/Q&M/1396
99	23-B	06.02.20	AA/VKE/PVKEPL/298/19-20/Q&M/1396
100	51	06.02.20	AA/VKE/PVKEPL/298/19-20/Q&M/1396
101	49-A	06.02.20	AA/VKE/PVKEPL/299/19-20/Q&M/1397
102	41-B	06.02.20	AA/VKE/PVKEPL/299/19-20/Q&M/1397
103	27-A	06.02.20	AA/VKE/PVKEPL/299/19-20/Q&M/1397
104	52	06.02.20	AA/VKE/PVKEPL/299/19-20/Q&M/1397
105	35-A	06.02.20	AA/VKE/PVKEPL/300/19-20/Q&M/1398
106	41-C	06.02.20	AA/VKE/PVKEPL/300/19-20/Q&M/1398
107	53	06.02.20	AA/VKE/PVKEPL/300/19-20/Q&M/1398
108	43-B	06.02.20	AA/VKE/PVKEPL/301/19-20/Q&M/1399
109	42-C	13.02.20	AA/VKE/PVKEPL/315/19-20/Q&M/1449
110	48	13.02.20	AA/VKE/PVKEPL/315/19-20/Q&M/1449

Sr No	Description	Date of Approval	Approval Letter No.
111	35-B	12.02.20	AA/VKE/PVKEPL/308/19-20/Q&M/1440
112	47-A	12.02.20	AA/VKE/PVKEPL/308/19-20/Q&M/1440
113	55	19.02.20	AA/VKE/PVKEPL/326/19-20/Q&M/1493
114	56	19.02.20	AA/VKE/PVKEPL/326/19-20/Q&M/1493
115	57	19.02.20	AA/VKE/PVKEPL/326/19-20/Q&M/1493
116	37-B	19.02.20	AA/VKE/PVKEPL/326/19-20/Q&M/1493
117	47-B	19.02.20	AA/VKE/PVKEPL/326/19-20/Q&M/1493
118	5-C	22.02.20	AA/VKE/PVKEPL/330/19-20/Q&M/1510
119	53-A	22.02.20	AA/VKE/PVKEPL/330/19-20/Q&M/1510
120	54	19.02.20	AA/VKE/PVKEPL/323/19-20/Q&M/1490
121	49-B	19.02.20	AA/VKE/PVKEPL/323/19-20/Q&M/1490
122	49-C	20.03.20	AA/VKE/PVKEPL/347/19-20/Q&M/1636
123	53-B	20.03.20	AA/VKE/PVKEPL/348/19-20/Q&M/1637
124	57-A	20.03.20	AA/VKE/PVKEPL/348/19-20/Q&M/1637
125	53-C	20.03.20	AA/VKE/PVKEPL/345/19-20/Q&M/1634
126	26-C	20.03.20	AA/VKE/PVKEPL/346/19-20/Q&M/1635
127	52-A	20.03.20	AA/VKE/PVKEPL/346/19-20/Q&M/1635
128	56-A	20.03.20	AA/VKE/PVKEPL/346/19-20/Q&M/1635
129	20-C	09.06.20	AA/VKE/PVKEPL/391/20-21/Q&M/1834
130	65	09.06.20	AA/VKE/PVKEPL/391/20-21/Q&M/1834
131	58	27.07.20	AA/VKE/PVKEPL/428/20-21/Q&M/2048
132	50-A	27.07.20	AA/VKE/PVKEPL/428/20-21/Q&M/2048
133	52-B	27.07.20	AA/VKE/PVKEPL/428/20-21/Q&M/2048
134	59	27.07.20	AA/VKE/PVKEPL/428/20-21/Q&M/2049
135	63	07.07.20	AA/VKE/PVKEPL/415/20-21/Q&M/1970
136	64	07.07.20	AA/VKE/PVKEPL/415/20-21/Q&M/1970
137	42-D	07.07.20	AA/VKE/PVKEPL/415/20-21/Q&M/1970
138	55-A	07.07.20	AA/VKE/PVKEPL/415/20-21/Q&M/1970
139	49-D	07.07.20	AA/VKE/PVKEPL/415/20-21/Q&M/1969
140	50-B	07.07.20	AA/VKE/PVKEPL/415/20-21/Q&M/1969
141	60	07.07.20	AA/VKE/PVKEPL/413/20-21/Q&M/1968
142	59-A	02.07.20	AA/VKE/PVKEPL/405/20-21/Q&M/1934
143	64-A	02.07.20	AA/VKE/PVKEPL/405/20-21/Q&M/1934

Sr No	Description	Date of Approval	Approval Letter No.
144	42-E	02.07.20	AA/VKE/PVKEPL/405/20-21/Q&M/1934
145	50-C	02.07.20	AA/VKE/PVKEPL/406/20-21/Q&M/1935
15	GSB Mix Design	20.08.19	AA/VKE/PVKEPL/161/18-19/Q & M /751
16	WMM Mix Design	24.09.19	AA/VKE/PVKEPL/182/18-19/Q & M /880
17	PQC Mix Design		
1	PQC Mix Design with Wonder cement-43 grade, flyash & BASF Admixture	13.02.2020	AA/VKE/PVKEPL/318/19-20/Q&M/1457
2	PQC Mix Design with Sidhee cement-53 grade, flyash & BASF Admixture	19.02.2020	AA/VKE/PVKEPL/324/19-20/Q&M/1491
3	PQC Mix Design with Wonder cement-53 grade & BASF Admixture	20.03.20	AA/VKE/PVKEPL/349/19-20/Q&M/1638
4	PQC Mix Design with Saurashtra cement-43 grade, GGBS & BASF Admixture	20.03.20	AA/VKE/PVKEPL/352/19-20/Q&M/1641
18	DLC Mix Design		
1	DLC Mix design with Sidhee OPC53 cement & Flyash	21.11.19	AA/VKE/PVKEPL/211/19-20/Q & M /1052
2	DLC Mix design with Sidhee OPC53 cement	21.11.19	AA/VKE/PVKEPL/211/19-20/Q & M /1049
19	Concrete Mix Design		
1	M30 RCC (Sidhee opc 53+ Kunal admixture)	20.08.19	AA/VKE/PVKEPL/163/18-19/Q & M /753
2	M30 RCC (Sidhee opc 53+ Kunal admixture)	20.08.19	AA/VKE/PVKEPL/163/18-19/Q & M /753
3	M35 RCC (Sidhee opc 53+ Kunal admixture)	20.08.19	AA/VKE/PVKEPL/163/18-19/Q & M /753
4	M35 PILE (Sidhee opc 53+ Kunal admixture)	20.08.19	AA/VKE/PVKEPL/163/18-19/Q & M /753
5	M40 RCC (Sidhee opc 53+ Kunal admixture)	20.08.19	AA/VKE/PVKEPL/163/18-19/Q & M /753
6	M25 PCC (Ultratech opc 53+ Kunal admixture)	20.08.19	AA/VKE/PVKEPL/163/18-19/Q & M /753
7	M30 RCC (Ultratech opc 53+ Kunal admixture)	20.08.19	AA/VKE/PVKEPL/163/18-19/Q & M /753
8	M35 RCC (Ultratech opc 53+ Kunal admixture)	20.08.19	AA/VKE/PVKEPL/163/18-19/Q & M /753
9	M35 PILE (Ultratech opc 53+ Kunal admixture)	24.09.19	AA/VKE/PVKEPL/178/18-19/Q & M /876
10	M40 RCC (Ultratech opc 53+ Kunal admixture)	24.09.19	AA/VKE/PVKEPL/178/18-19/Q & M /876
11	M30 RCC (Sidhee opc 53+ BASF admixture)	04.10.19	AA/VKE/PVKEPL/191/18-19/Q & M /924
12	M35 Pile (Sidhee opc 53+ BASF admixture)	04.10.19	AA/VKE/PVKEPL/191/18-19/Q & M /924
13	M30 RCC (Sidhee opc 53+ Yahska admixture)	08.11.19	AA/VKE/PVKEPL/204/18-19/Q & M /998
14	M35 Pile (Sidhee opc 53+ Yahska admixture)	08.11.19	AA/VKE/PVKEPL/204/18-19/Q & M /998
15	M35 RCC (Sidhee opc 53+ BASF admixture)	08.11.19	AA/VKE/PVKEPL/203/18-19/Q & M /997
16	M40 RCC (Sidhee opc 53+ BASF admixture)	08.11.19	AA/VKE/PVKEPL/203/18-19/Q & M /997

Sr No	Description	Date of Approval	Approval Letter No.
17	M50 PSC (Utratech opc 53+ BASF admixture)	23.12.19	AA/VKE/PVKEPL/253/18-19/Q & M /1215
18	M50 PSC (Sidhee opc 53+ BASF admixture)	23.12.19	AA/VKE/PVKEPL/252/18-19/Q & M /1214
19	M25 PCC (Sidhee opc 53+ Sika admixture)	23.12.19	AA/VKE/PVKEPL/254/18-19/Q & M /1216
20	M30 RCC (Sidhee opc 53+ Sika admixture)	23.12.19	AA/VKE/PVKEPL/254/18-19/Q & M /1216
21	M35 RCC (Sidhee opc 53+ Sika admixture)	23.12.19	AA/VKE/PVKEPL/254/18-19/Q & M /1216
22	M35 Pile (Sidhee opc 53+ Sika admixture)	23.12.19	AA/VKE/PVKEPL/254/18-19/Q & M /1216
23	M25 PCC (Sidhee OPC 53+Flyash+Sika admixture)	31.12.19	AA/VKE/PVKEPL/265/18-19/Q & M /1242
24	M25 PCC (JK Lakshmi OPC 53+Flyash+BASF admixture)	31.12.19	AA/VKE/PVKEPL/265/18-19/Q & M /1242
25	M30 RCC (JK Lakshmi OPC 53+Flyash+Sika admixture)	31.12.19	AA/VKE/PVKEPL/265/18-19/Q & M /1242
26	M35 RCC (Sidhee OPC 53+Flyash+Fosroc admixture)	31.12.19	AA/VKE/PVKEPL/265/18-19/Q & M /1242
27	M35 RCC (JK Lakshmi OPC 53+Flyash+Fosroc admixture)	31.12.19	AA/VKE/PVKEPL/265/18-19/Q & M /1242
28	M35 RCC (Sanghee OPC 53+Flyash+Sika admixture)	31.12.19	AA/VKE/PVKEPL/265/18-19/Q & M /1242
29	M35 Pile (JK Lakshmi OPC 53+Flyash+BASF admixture)	31.12.19	AA/VKE/PVKEPL/265/18-19/Q & M /1242
30	M35 Pile (JK Lakshmi OPC 53+Flyash+Sika admixture)	31.12.19	AA/VKE/PVKEPL/265/18-19/Q & M /1242
31	M40 RCC (JK Lakshmi OPC 53+Flyash+BASF admixture)	31.12.19	AA/VKE/PVKEPL/265/18-19/Q & M /1242
32	M45 RCC (Sanghee OPC 53+Flyash+Fosroc admixture)	31.12.19	AA/VKE/PVKEPL/265/18-19/Q & M /1242
33	M45 RCC (Sourashtra OPC 53+Flyash+Fosroc admixture)	31.12.19	AA/VKE/PVKEPL/265/18-19/Q & M /1242
34	M50 PSC (Sourashtra OPC 53+Flyash+Fosroc admixture)	31.12.19	AA/VKE/PVKEPL/265/18-19/Q & M /1242
35	M50 PSC (Ambuja OPC 53 Grade+Silica fume+BASF admixture)	29.07.20	AA/VKE/PVKEPL/432/20-21/Q & M /2060
36	M50 PSC (Ultratech OPC 53 Grade+Silica fume+BASF admixture)	29.07.20	AA/VKE/PVKEPL/432/20-21/Q & M /2060
37	M50 PSC (Wonder OPC 53 Grade+Silica fume+BASF admixture)	29.07.20	AA/VKE/PVKEPL/432/20-21/Q & M /2060
38	M50 PSC (Sidhee OPC 53 Grade+Silica fume+BASF admixture)	29.07.20	AA/VKE/PVKEPL/432/20-21/Q & M /2060
39	M50 PSC (Saurashtra OPC 53 Grade+Silica fume+BASF admixture)	29.07.20	AA/VKE/PVKEPL/432/20-21/Q & M /2060

NCR Status :-

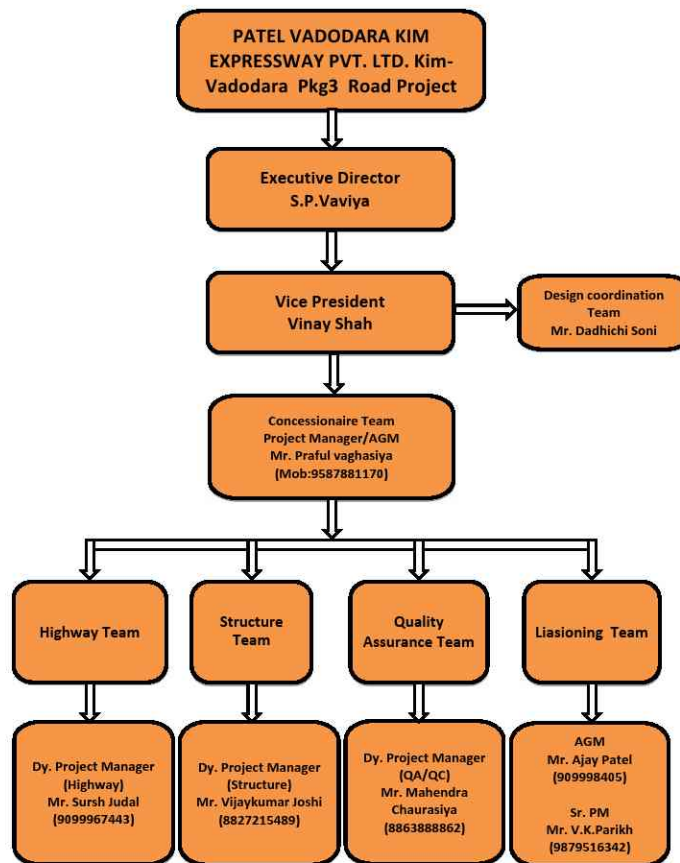
Sr. No.	NCPN NO	ISSUED DATE	DESCRIPTION OF NON-CONFORMANCE	DESCRIPTION OF REMEDIAL ACTION	REMEDIAL ACTION		CLOSED OUT DATE	REMARK
					YES	NO		
1	IE/NCR/PKG-III/001	12.11.2019	Embankment construction is carried out without treatment of OGL soil	Prooved OGL is Suitable	Yes		13.11.19	NCR Closed
2	IE/NCR/PKG-III/002	12.11.2019	Embankment construction is carried out without treatment of OGL soil	Prooved OGL is Suitable	Yes		13.11.19	NCR Closed
3	IE/NCR/PKG-III/003	12.11.2019	Depressed PUP raft at ch-304+170	Raft Level raised	Yes		13.11.19	NCR Closed
4	IE/NCR/PKG-III/004	14.10.2019	Depressed PUP raft at ch-305+058 and ch-309+550 PCC done without ground improvement	Ground Improvement done	Yes		23.10.19	NCR Closed
5	IE/NCR/PKG-III/005	12.08.2019	Back filling below the hume pipe not done properly at ch-303+408	Done properly	Yes		12.08.19	NCR Closed
6	IE/NCR/PKG-III/006	14.07.20	Reinforcement steel binding for Girder A1-P1-G1 LHS Span at ROB (293+014) rusted steel bars are being used binding of steel almost completed for the girder.	Remedial Work in Progress				
7	IE/NCR/PKG-III/007	15.07.20	Reinforcement bars of partially cast components are exposed to atmosphere since long at getting rusted at LVUP (321+673), VOP (307+170), fly over (299+354) reinforcement bars are laying scattered and uncovered in mansoon resulting into its rust at LVUP (321+673), VOP (307+170), fly over (299+354) and similar all are location in the stretch.	Remedial Work in Progress				

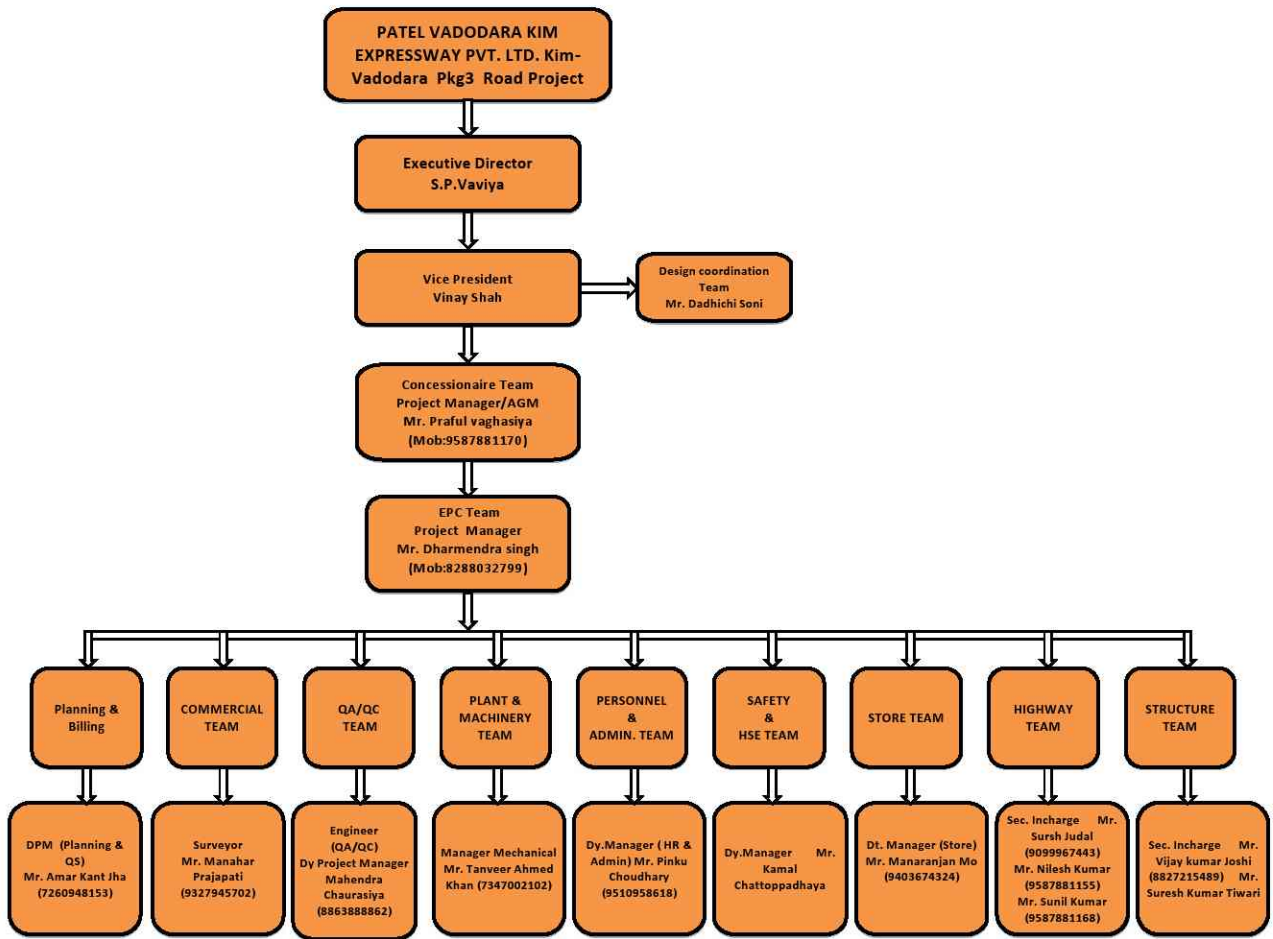
Annexure -1 Impact of Covid -19 On Labour Strength

Date	Labour Strength as on date	Number of Labour Mobilized/Left Site
1-Jul-20	194	-12
2-Jul-20	182	0
3-Jul-20	182	19
4-Jul-20	201	2
5-Jul-20	203	7
6-Jul-20	210	2
7-Jul-20	212	68
8-Jul-20	280	-65
9-Jul-20	215	-6
10-Jul-20	209	-5
11-Jul-20	204	3
12-Jul-20	207	-6
13-Jul-20	201	9
14-Jul-20	210	8
15-Jul-20	218	-4
16-Jul-20	214	9
17-Jul-20	223	-5
18-Jul-20	218	7
19-Jul-20	225	-1
20-Jul-20	224	7
21-Jul-20	231	3
22-Jul-20	234	1
23-Jul-20	235	14
24-Jul-20	249	-17
25-Jul-20	232	-24
26-Jul-20	208	16
27-Jul-20	224	3
28-Jul-20	227	-11
29-Jul-20	216	6
30-Jul-20	222	-9
31-Jul-20	213	

Note - Negative number indicates number of Labour Left Site on particular Day after Lock Down is Partially lifted

Project Organization Chart





Highway RFI								
Sr. NO.	RFI NO.	Inspection date	Item Description	Chainage		Side	Contact Person	Contact Number
				From	To			
1	VKE-3/PIL/HW/8794	01-06-2020	EMB 8th. Layer F.D.D	292450	292600	RHS	Mr. Shailendra	9463989899
2	VKE-3/PIL/HW/8795	01-06-2020	EMB 17th. Layer F.D.D	294730	294960	RHS		
3	VKE-3/PIL/HW/8796	01-06-2020	EMB 1st. Layer F.D.D	297570	297670	RHS		
4	VKE-3/PIL/HW/8797	01-06-2020	EMB 9th. Layer F.D.D	297670	297760	RHS		
5	VKE-3/PIL/HW/8798	01-06-2020	EMB 10th. Layer F.D.D	297670	297760	LHS		
6	VKE-3/PIL/HW/8799	01-06-2020	Subgrade 1st. Layer F.D.D	298800	298850	LHS		
7	VKE-3/PIL/HW/8800	01-06-2020	Subgrade 1st. Layer F.D.D	298800	298850	RHS		
8	VKE-3/PIL/HW/8801	01-06-2020	EMB 12th. Layer F.D.D	301250	301360	LHS		
9	VKE-3/PIL/HW/8802	01-06-2020	EMB 9th. Layer F.D.D	301250	301360	RHS		
10	VKE-3/PIL/HW/8803	01-06-2020	EMB 2nd. Layer F.D.D	302600	302680	LHS		
11	VKE-3/PIL/HW/8804	01-06-2020	EMB 2nd. Layer F.D.D	302600	302640	RHS		
12	VKE-3/PIL/HW/8805	01-06-2020	rectification EMB 8th. Layer F.D.D	304000	304120	LHS		
13	VKE-3/PIL/HW/8806	01-06-2020	EMB 2nd. Layer F.D.D	304000	304120	RHS		
14	VKE-3/PIL/HW/8807	01-06-2020	EMB 9th. Layer F.D.D	304000	304120	LHS		
15	VKE-3/PIL/HW/8808	01-06-2020	EMB 3rd. Layer F.D.D	304000	304160	RHS		
16	VKE-3/PIL/HW/8809	01-06-2020	EMB Top Layer F.D.D & level checking	311680	311980	RHS		
17	VKE-3/PIL/HW/8810	01-06-2020	EMB Top Layer F.D.D & level checking	311980	312260	RHS		
18	VKE-3/PIL/HW/8811	01-06-2020	Subgrade Top Layer F.D.D & level checking	317700	317800	RHS		
19	VKE-3/PIL/HW/8812	01-06-2020	Subgrade Top Layer F.D.D & level checking	317800	318000	RHS		
20	VKE-3/PIL/HW/8813	01-06-2020	Trucklay parking EMB 2nd. Layer F.D.D	317890	317940	RHS		
21	VKE-3/PIL/HW/8814	01-06-2020	Trucklay parking EMB 2nd. Layer F.D.D	317940	317990	RHS		
22	VKE-3/PIL/HW/8815	01-06-2020	EMB 7th. Layer F.D.D	319500	319550	LHS		
23	VKE-3/PIL/HW/8816	01-06-2020	EMB 11th. Layer F.D.D	319600	319700	RHS		
24	VKE-3/PIL/HW/8817	01-06-2020	EMB 6th. Layer F.D.D	320000	320100	RHS		
25	VKE-3/PIL/HW/8818	02-06-2020	EMB 7th. Layer F.D.D	292450	292600	LHS	Mr. Shailendra	9463989899
26	VKE-3/PIL/HW/8819	02-06-2020	Subgrade Top Layer F.D.D & level checking	294240	294400	LHS		
27	VKE-3/PIL/HW/8820	02-06-2020	EMB 14th. Layer F.D.D	294400	294500	LHS		
28	VKE-3/PIL/HW/8821	02-06-2020	EMB 10th. Layer F.D.D	294400	294500	RHS		
29	VKE-3/PIL/HW/8822	02-06-2020	EMB 14th. Layer F.D.D	297920	298000	LHS		
30	VKE-3/PIL/HW/8823	02-06-2020	EMB 14th. Layer F.D.D	297920	298000	RHS		
31	VKE-3/PIL/HW/8824	02-06-2020	Subgrade Top Layer F.D.D & level checking	298000	298020	RHS		
32	VKE-3/PIL/HW/8825	02-06-2020	Subgrade Top Layer F.D.D & level checking	298000	298020	LHS		
33	VKE-3/PIL/HW/8826	02-06-2020	Subgrade 1st. Layer F.D.D	298320	298340	RHS		
34	VKE-3/PIL/HW/8827	02-06-2020	Subgrade Top Layer F.D.D & level checking	298750	298850	RHS		
35	VKE-3/PIL/HW/8828	02-06-2020	EMB 16th. Layer F.D.D	298850	298940	RHS		
36	VKE-3/PIL/HW/8829	02-06-2020	EMB 4th. Layer F.D.D	300620	300700	LHS		
37	VKE-3/PIL/HW/8830	02-06-2020	EMB 4th. Layer F.D.D	300620	300700	RHS		
38	VKE-3/PIL/HW/8831	02-06-2020	EMB 5th. Layer F.D.D	301810	301860	LHS		
39	VKE-3/PIL/HW/8832	02-06-2020	EMB 5th. Layer F.D.D	301810	301860	RHS		
40	VKE-3/PIL/HW/8833	02-06-2020	EMB 4th. Layer F.D.D	304000	304160	RHS		
41	VKE-3/PIL/HW/8834	02-06-2020	EMB Top Layer F.D.D & level checking	311980	312260	RHS		
42	VKE-3/PIL/HW/8835	02-06-2020	EMB 1st. Layer F.D.D	312500	312670	RHS		
43	VKE-3/PIL/HW/8836	02-06-2020	EMB 1st. Layer F.D.D	312500	312670	LHS		
44	VKE-3/PIL/HW/8837	02-06-2020	EMB 9th. Layer F.D.D	316040	316100	LHS		
45	VKE-3/PIL/HW/8838	02-06-2020	EMB 13th. Layer F.D.D	316100	316280	LHS		
46	VKE-3/PIL/HW/8839	02-06-2020	EMB 15th. Layer F.D.D	316280	316390	LHS		
47	VKE-3/PIL/HW/8840	02-06-2020	C&G and OGL Recording of Pond Area	316410		LHS		
48	VKE-3/PIL/HW/8841	02-06-2020	Subgrade Top Layer F.D.D & level checking	317700	317800	RHS		
49	VKE-3/PIL/HW/8842	02-06-2020	EMB 27th. Layer F.D.D	318440	318560	LHS		
50	VKE-3/PIL/HW/8843	02-06-2020	EMB 27th. Layer F.D.D	318440	318560	RHS		
51	VKE-3/PIL/HW/8844	02-06-2020	EMB 11th. Layer F.D.D	319260	319500	RHS		
52	VKE-3/PIL/HW/8845	02-06-2020	EMB 5th. Layer F.D.D	320150	320200	RHS		
53	VKE-3/PIL/HW/8846	02-06-2020	EMB 10th. Layer F.D.D	320350	320400	RHS		
54	VKE-3/PIL/HW/8847	02-06-2020	EMB 12th. Layer F.D.D	320400	320500	RHS		
55	VKE-3/PIL/HW/8848	02-06-2020	EMB 12th. Layer F.D.D	320500	320800	RHS		
56	VKE-3/PIL/HW/8849	02-06-2020	EMB 5th. Layer F.D.D	320860	321030	RHS		
57	VKE-3/PIL/HW/8850	02-06-2020	EMB 6th. Layer F.D.D	320900	321040	LHS		
58	VKE-3/PIL/HW/8851	02-06-2020	Laying & FDD Checking of DLC	322000	322140	LHS		
59	VKE-3/PIL/HW/8852	03-06-2020	EMB 9th. Layer F.D.D	292450	292600	RHS	Mr. Shailendra	9463989899
60	VKE-3/PIL/HW/8853	03-06-2020	EMB 7th. Layer F.D.D	292450	292800	LHS		
61	VKE-3/PIL/HW/8854	03-06-2020	Subgrade Top Layer F.D.D & level checking	294240	294400	LHS		
62	VKE-3/PIL/HW/8855	03-06-2020	EMB 25th. Layer F.D.D	295600	295700	RHS		
63	VKE-3/PIL/HW/8856	03-06-2020	EMB 25th. Layer F.D.D	295700	295880	RHS		
64	VKE-3/PIL/HW/8857	03-06-2020	Subgrade Top Layer F.D.D & level checking	298000	298020	RHS		
65	VKE-3/PIL/HW/8858	03-06-2020	Subgrade Top Layer F.D.D & level checking	298000	298020	LHS		
66	VKE-3/PIL/HW/8859	03-06-2020	Subgrade Top Layer F.D.D & level checking	298320	298340	RHS		
67	VKE-3/PIL/HW/8860	03-06-2020	Subgrade Top Layer F.D.D & level checking	298750	298850	LHS		
68	VKE-3/PIL/HW/8861	03-06-2020	EMB 14th. Layer F.D.D	298850	298940	LHS		
69	VKE-3/PIL/HW/8862	03-06-2020	EMB 5th. Layer F.D.D	301810	301860	LHS		
70	VKE-3/PIL/HW/8863	03-06-2020	EMB 5th. Layer F.D.D	301810	301860	RHS		
71	VKE-3/PIL/HW/8864	03-06-2020	EMB 3rd. Layer F.D.D	302600	302680	LHS		
72	VKE-3/PIL/HW/8865	03-06-2020	EMB 3rd. Layer F.D.D	302600	302640	RHS		
73	VKE-3/PIL/HW/8866	03-06-2020	EMB 4th. Layer F.D.D	304000	304160	RHS		
74	VKE-3/PIL/HW/8867	03-06-2020	EMB 5th. Layer F.D.D	304000	304160	RHS		

Highway RFI								
Sr. NO.	RFI NO.	Inspection date	Item Description	Chainage		Side	Contact Person	Contact Number
				From	To			
75	VKE-3/PIL/HW/8868	03-06-2020	EMB Top Layer F.D.D & level checking	305500	305670	RHS	Mr. Shailendra	9463989989
76	VKE-3/PIL/HW/8869	03-06-2020	Subgrade 1st. Layer F.D.D	305500	305670	LHS		
77	VKE-3/PIL/HW/8870	03-06-2020	EMB 1st. Layer F.D.D	312300	312500	RHS		
78	VKE-3/PIL/HW/8871	03-06-2020	SANDY SOIL EMB 1st. Layer F.D.D	312500	312670	RHS		
79	VKE-3/PIL/HW/8872	03-06-2020	SANDY SOIL EMB 1st. Layer F.D.D	312500	312670	LHS		
80	VKE-3/PIL/HW/8873	03-06-2020	EMB 14th. Layer F.D.D	313100	313340	LHS		
81	VKE-3/PIL/HW/8874	03-06-2020	EMB 14th. Layer F.D.D	313100	313340	RHS		
82	VKE-3/PIL/HW/8875	03-06-2020	EMB 15th. Layer F.D.D	315700	315820	LHS		
83	VKE-3/PIL/HW/8876	03-06-2020	EMB 15th. Layer F.D.D	315700	315820	RHS		
84	VKE-3/PIL/HW/8877	03-06-2020	EMB 5th. Layer F.D.D	315920	316000	LHS		
85	VKE-3/PIL/HW/8878	03-06-2020	EMB 5th. Layer F.D.D	315920	316000	RHS		
86	VKE-3/PIL/HW/8879	03-06-2020	EMB 10th. Layer F.D.D	316040	316100	LHS		
87	VKE-3/PIL/HW/8880	03-06-2020	EMB 27th. Layer F.D.D	318440	318560	RHS		
88	VKE-3/PIL/HW/8881	03-06-2020	EMB 22nd. Layer F.D.D	319100	319300	LHS		
89	VKE-3/PIL/HW/8882	03-06-2020	EMB Top Layer F.D.D & level checking	321400	321465	RHS		
90	VKE-3/PIL/HW/8883	03-06-2020	EMB 10th. Layer F.D.D	321400	321465	LHS		
91	VKE-3/PIL/HW/8884	03-06-2020	Laying & FDD Checking of DLC	321800	322000	LHS		
92	VKE-3/PIL/HW/8885	04-06-2020	EMB 6th. Layer F.D.D	292200	292380	LHS		
93	VKE-3/PIL/HW/8886	04-06-2020	Subgrade Top Layer F.D.D & level checking	294240	294400	LHS		
94	VKE-3/PIL/HW/8887	04-06-2020	EMB 14th. Layer F.D.D	294400	294500	LHS		
95	VKE-3/PIL/HW/8888	04-06-2020	EMB 20th. Layer F.D.D	294730	294980	LHS		
96	VKE-3/PIL/HW/8889	04-06-2020	EMB 14th. Layer F.D.D	296100	296150	RHS		
97	VKE-3/PIL/HW/8890	04-06-2020	EMB 14th. Layer F.D.D	296100	296150	LHS		
98	VKE-3/PIL/HW/8891	04-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	296150	296340	LHS		
99	VKE-3/PIL/HW/8892	04-06-2020	EMB 10th. Layer F.D.D	297670	297760	LHS		
100	VKE-3/PIL/HW/8893	04-06-2020	EMB 10th. Layer F.D.D	301250	301360	RHS		
101	VKE-3/PIL/HW/8894	04-06-2020	EMB 5th. Layer F.D.D	301810	301860	LHS		
102	VKE-3/PIL/HW/8895	04-06-2020	EMB 5th. Layer F.D.D	301810	301860	RHS		
103	VKE-3/PIL/HW/8896	04-06-2020	EMB 3rd. Layer F.D.D	302600	302680	LHS		
104	VKE-3/PIL/HW/8897	04-06-2020	EMB 3rd. Layer F.D.D	302600	302640	RHS		
105	VKE-3/PIL/HW/8898	04-06-2020	EMB Top Layer F.D.D & level checking	307500	307670	RHS		
106	VKE-3/PIL/HW/8899	04-06-2020	Subgrade 1st. Layer F.D.D	307500	307670	LHS		
107	VKE-3/PIL/HW/8900	04-06-2020	EMB 13th. Layer F.D.D	307800	307900	LHS		
108	VKE-3/PIL/HW/8901	04-06-2020	EMB 14th. Layer F.D.D	307800	307900	RHS		
109	VKE-3/PIL/HW/8902	04-06-2020	EMB 14th. Layer F.D.D	307900	307960	LHS		
110	VKE-3/PIL/HW/8903	04-06-2020	EMB 14th. Layer F.D.D	307900	307960	RHS		
111	VKE-3/PIL/HW/8904	04-06-2020	EMB 13th. Layer F.D.D	307980	308200	RHS		
112	VKE-3/PIL/HW/8905	04-06-2020	EMB 14th. Layer F.D.D	307980	308200	LHS		
113	VKE-3/PIL/HW/8906	04-06-2020	Subgrade 1st. Layer F.D.D	311680	311980	LHS		
114	VKE-3/PIL/HW/8907	04-06-2020	Subgrade 1st. Layer F.D.D	311980	312270	LHS		
115	VKE-3/PIL/HW/8908	04-06-2020	SANDY SOIL EMB 1st. Layer F.D.D	312300	312500	RHS		
116	VKE-3/PIL/HW/8909	04-06-2020	EMB 1st. Layer F.D.D of Pond Area filling	316410		LHS		
117	VKE-3/PIL/HW/8910	04-06-2020	EMB 2nd. Layer F.D.D of Pond Area filling	316410		LHS		
118	VKE-3/PIL/HW/8911	04-06-2020	EMB 3rd. Layer F.D.D of Pond Area filling	316410		LHS		
119	VKE-3/PIL/HW/8912	04-06-2020	Subgrade Top Layer F.D.D & level checking	318000	318200	LHS		
120	VKE-3/PIL/HW/8913	04-06-2020	EMB 12th. Layer F.D.D	320400	320500	RHS		
121	VKE-3/PIL/HW/8914	04-06-2020	EMB 12th. Layer F.D.D	320500	320600	RHS		
122	VKE-3/PIL/HW/8915	04-06-2020	EMB 10th. Layer F.D.D	321040	321160	LHS		
123	VKE-3/PIL/HW/8916	04-06-2020	EMB 10th. Layer F.D.D	321040	321160	RHS		
124	VKE-3/PIL/HW/8917	04-06-2020	EMB 7th. Layer F.D.D	321160	321200	LHS		
125	VKE-3/PIL/HW/8918	04-06-2020	EMB 8th. Layer F.D.D	321160	321230	RHS		
126	VKE-3/PIL/HW/8919	04-06-2020	EMB 12th. Layer F.D.D	321400	321465	RHS		
127	VKE-3/PIL/HW/8920	05-06-2020	EMB 9th. Layer F.D.D	292450	292600	RHS		
128	VKE-3/PIL/HW/8921	05-06-2020	EMB 7th. Layer F.D.D	292450	292600	LHS		
129	VKE-3/PIL/HW/8922	05-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	296100	296150	LHS		
130	VKE-3/PIL/HW/8923	05-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	296100	296200	RHS		
131	VKE-3/PIL/HW/8924	05-06-2020	EMB 10th. Layer F.D.D	301250	301360	RHS		
132	VKE-3/PIL/HW/8925	05-06-2020	EMB 5th. Layer F.D.D	301810	301860	LHS		
133	VKE-3/PIL/HW/8926	05-06-2020	EMB 5th. Layer F.D.D	301810	301860	RHS		
134	VKE-3/PIL/HW/8927	05-06-2020	EMB 4th. Layer F.D.D	304000	304160	RHS		
135	VKE-3/PIL/HW/8928	05-06-2020	EMB 4th. Layer F.D.D	304000	304160	RHS		
136	VKE-3/PIL/HW/8929	05-06-2020	EMB 14th. Layer F.D.D	309200	309500	RHS		
137	VKE-3/PIL/HW/8930	05-06-2020	Subgrade 1st. Layer F.D.D	311680	311980	LHS		
138	VKE-3/PIL/HW/8931	05-06-2020	Subgrade 1st. Layer F.D.D	311680	311980	RHS		
139	VKE-3/PIL/HW/8932	05-06-2020	Subgrade 1st. Layer F.D.D	311980	312270	LHS		
140	VKE-3/PIL/HW/8933	05-06-2020	Subgrade 1st. Layer F.D.D	311980	312260	RHS		
141	VKE-3/PIL/HW/8934	05-06-2020	Subgrade 1st. Layer F.D.D	312780	313020	LHS		
142	VKE-3/PIL/HW/8935	05-06-2020	Subgrade 1st. Layer F.D.D	312780	313020	RHS		
143	VKE-3/PIL/HW/8936	05-06-2020	EMB Top Layer F.D.D & level checking	313190	313350	LHS		

Highway RFI								
Sr. NO.	RFI NO.	Inspection date	Item Description	Chainage		Side	Contact Person	Contact Number
				From	To			
144	VKE-3/PIL/HW/8937	05-06-2020	EMB Top Layer F.D.D & level checking	313190	313350	RHS		
145	VKE-3/PIL/HW/8938	05-06-2020	EMB 6th. Layer F.D.D	313450	313580	RHS		
146	VKE-3/PIL/HW/8939	05-06-2020	G5B Top. Layer F.D.D & Level Checking	314880	315160	RHS		
147	VKE-3/PIL/HW/8940	05-06-2020	Subgrade Top Layer F.D.D & level checking	318000	318200	LHS		
148	VKE-3/PIL/HW/8941	05-06-2020	Subgrade 1st. Layer F.D.D	318300	318350	RHS		
149	VKE-3/PIL/HW/8942	05-06-2020	EMB 22nd. Layer F.D.D	319100	319260	RHS		
150	VKE-3/PIL/HW/8943	05-06-2020	EMB 12th. Layer F.D.D	319300	319500	RHS		
151	VKE-3/PIL/HW/8944	05-06-2020	recti EMB 5th. Layer F.D.D	320150	320200	RHS		
152	VKE-3/PIL/HW/8945	05-06-2020	recti EMB 6th. Layer F.D.D	320200	320300	RHS		
153	VKE-3/PIL/HW/8946	05-06-2020	EMB 13th. Layer F.D.D	321300	321400	LHS		
154	VKE-3/PIL/HW/8947	05-06-2020	EMB 11th. Layer F.D.D	321400	321465	LHS		
155	VKE-3/PIL/HW/8948	05-06-2020	EMB 13th. Layer F.D.D	321400	321465	RHS		
156	VKE-3/PIL/HW/8949	05-06-2020	Cleaning & Grubbing	316430	316520	LHS		
157	VKE-3/PIL/HW/8950	05-06-2020	Cleaning & Grubbing	316430	316520	RHS		
158	VKE-3/PIL/HW/8951	06-06-2020	EMB 8th. Layer F.D.D	292450	292600	LHS		
159	VKE-3/PIL/HW/8952	06-06-2020	EMB 18th. Layer F.D.D	294730	294980	RHS		
160	VKE-3/PIL/HW/8953	06-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	296200	296340	RHS		
161	VKE-3/PIL/HW/8954	06-06-2020	Subgrade Top Layer F.D.D & level checking	297260	297340	RHS		
162	VKE-3/PIL/HW/8955	06-06-2020	EMB 11th. Layer F.D.D	301250	301360	RHS		
163	VKE-3/PIL/HW/8956	06-06-2020	EMB 6th. Layer F.D.D	301810	301860	LHS		
164	VKE-3/PIL/HW/8957	06-06-2020	EMB 6th. Layer F.D.D	301810	301860	RHS		
165	VKE-3/PIL/HW/8958	06-06-2020	EMB 4th. Layer F.D.D	302600	302680	LHS		
166	VKE-3/PIL/HW/8959	06-06-2020	EMB 4th. Layer F.D.D	302600	302640	RHS		
167	VKE-3/PIL/HW/8960	06-06-2020	EMB 4th. Layer F.D.D	304000	304160	RHS		
168	VKE-3/PIL/HW/8961	06-06-2020	EMB 5th. Layer F.D.D	304000	304160	RHS		
169	VKE-3/PIL/HW/8962	06-06-2020	EMB 14th. Layer F.D.D	309200	309350	RHS		
170	VKE-3/PIL/HW/8963	06-06-2020	Subgrade 1st. Layer F.D.D	311680	311980	LHS		
171	VKE-3/PIL/HW/8964	06-06-2020	Subgrade 1st. Layer F.D.D	311680	311980	RHS		
172	VKE-3/PIL/HW/8965	06-06-2020	Subgrade 1st. Layer F.D.D	311980	312270	LHS		
173	VKE-3/PIL/HW/8966	06-06-2020	Subgrade 1st. Layer F.D.D	311980	312260	RHS		
174	VKE-3/PIL/HW/8967	06-06-2020	EMB Top Layer F.D.D & level checking	312300	312500	RHS		
175	VKE-3/PIL/HW/8968	06-06-2020	EMB Top Layer F.D.D & level checking	312500	312670	LHS		
176	VKE-3/PIL/HW/8969	06-06-2020	EMB Top Layer F.D.D & level checking	312500	312670	RHS		
177	VKE-3/PIL/HW/8970	06-06-2020	Subgrade 1st. Layer F.D.D	312780	313020	LHS		
178	VKE-3/PIL/HW/8971	06-06-2020	Subgrade 1st. Layer F.D.D	312780	313020	RHS		
179	VKE-3/PIL/HW/8972	06-06-2020	EMB 7th. Layer F.D.D	313450	313580	RHS		
180	VKE-3/PIL/HW/8973	06-06-2020	G5B Top. Layer F.D.D & Level Checking	314880	315160	RHS		
181	VKE-3/PIL/HW/8974	06-06-2020	EMB 6th. Layer F.D.D	315920	316000	LHS		
182	VKE-3/PIL/HW/8975	06-06-2020	EMB 6th. Layer F.D.D	315920	316000	RHS		
183	VKE-3/PIL/HW/8976	06-06-2020	Cleaning & Grubbing	316430	316520	LHS		
184	VKE-3/PIL/HW/8977	06-06-2020	Cleaning & Grubbing	316430	316520	RHS		
185	VKE-3/PIL/HW/8978	06-06-2020	Laying & FDD Checking of DLC	317080	317360	LHS		
186	VKE-3/PIL/HW/8979	06-06-2020	Subgrade Top Layer F.D.D & level checking	318000	318200	LHS		
187	VKE-3/PIL/HW/8980	06-06-2020	Subgrade 1st. Layer F.D.D	318300	318350	RHS		
188	VKE-3/PIL/HW/8981	06-06-2020	EMB 3rd. Layer F.D.D	319500	319550	RHS		
189	VKE-3/PIL/HW/8982	06-06-2020	EMB 8th. Layer F.D.D	319500	319550	LHS		
190	VKE-3/PIL/HW/8983	06-06-2020	EMB 12th. Layer F.D.D	319600	319700	RHS		
191	VKE-3/PIL/HW/8984	06-06-2020	EMB 12th. Layer F.D.D	320400	320600	RHS		
192	VKE-3/PIL/HW/8985	06-06-2020	EMB 10th. Layer F.D.D	321040	321160	LHS		
193	VKE-3/PIL/HW/8986	06-06-2020	EMB 10th. Layer F.D.D	321040	321160	RHS		
194	VKE-3/PIL/HW/8987	06-06-2020	EMB 8th. Layer F.D.D	321160	321200	LHS		
195	VKE-3/PIL/HW/8988	06-06-2020	EMB 8th. Layer F.D.D	321160	321230	RHS		
196	VKE-3/PIL/HW/8989	07-06-2020	EMB 7th. Layer F.D.D	292000	292200	LHS		
197	VKE-3/PIL/HW/8990	07-06-2020	EMB 7th. Layer F.D.D	292000	292200	RHS		
198	VKE-3/PIL/HW/8991	07-06-2020	EMB 10th. Layer F.D.D	292450	292600	RHS		
199	VKE-3/PIL/HW/8992	07-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	295600	295800	LHS		
200	VKE-3/PIL/HW/8993	07-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	296200	296340	RHS		
201	VKE-3/PIL/HW/8994	07-06-2020	Subgrade Top Layer F.D.D & level checking	297260	297340	RHS		
202	VKE-3/PIL/HW/8995	07-06-2020	EMB 11th. Layer F.D.D	301250	301360	RHS		
203	VKE-3/PIL/HW/8996	07-06-2020	EMB 13th. Layer F.D.D	301250	301360	LHS		
204	VKE-3/PIL/HW/8997	07-06-2020	EMB 4th. Layer F.D.D	302600	302680	LHS		
205	VKE-3/PIL/HW/8998	07-06-2020	EMB 4th. Layer F.D.D	302600	302640	RHS		
206	VKE-3/PIL/HW/8999	07-06-2020	EMB 10th. Layer F.D.D	304000	304150	LHS		
207	VKE-3/PIL/HW/9000	07-06-2020	EMB 5th. Layer F.D.D	304000	304150	RHS		
208	VKE-3/PIL/HW/9001	07-06-2020	EMB 13th. Layer F.D.D	309200	309350	LHS		
209	VKE-3/PIL/HW/9002	07-06-2020	EMB 15th. Layer F.D.D	309200	309350	RHS		
210	VKE-3/PIL/HW/9003	07-06-2020	Subgrade 1st. Layer F.D.D	312780	313020	RHS		
211	VKE-3/PIL/HW/9004	07-06-2020	Subgrade 1st. Layer F.D.D	312780	313020	LHS		
212	VKE-3/PIL/HW/9005	07-06-2020	Laying & FDD checking of DLC	317080	317360	RHS		
213	VKE-3/PIL/HW/9006	07-06-2020	EMB 8th. Layer F.D.D	320860	321040	RHS		

Mr. Shailendra

9463989989

Mr. Shailendra

9463989989

Highway RFI								
Sr. NO.	RFI NO.	Inspection date	Item Description	Chainage		Side	Contact Person	Contact Number
				From	To			
214	VKE-3/PIL/HW/0007	07-06-2020	EMB 18th. Layer F.D.D	321300	321400	RHS		
215	VKE-3/PIL/HW/0008	07-06-2020	EMB 14th. Layer F.D.D	321300	321400	LHS		
216	VKE-3/PIL/HW/0009	07-06-2020	EMB 13th. Layer F.D.D	321400	321500	LHS		
217	VKE-3/PIL/HW/0010	08-06-2020	EMB 7th. Layer F.D.D	292000	292200	LHS		
218	VKE-3/PIL/HW/0011	08-06-2020	EMB 7th. Layer F.D.D	292000	292200	RHS		
219	VKE-3/PIL/HW/0012	08-06-2020	EMB 10th. Layer F.D.D	292450	292600	RHS		
220	VKE-3/PIL/HW/0013	08-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	295600	295800	LHS		
221	VKE-3/PIL/HW/0014	08-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	296200	296340	RHS		
222	VKE-3/PIL/HW/0015	08-06-2020	Subgrade Top Layer F.D.D & level checking	297260	297340	RHS		
223	VKE-3/PIL/HW/0016	08-06-2020	EMB 11th. Layer F.D.D	301250	301360	RHS		
224	VKE-3/PIL/HW/0017	08-06-2020	EMB 13th. Layer F.D.D	301250	301360	LHS		
225	VKE-3/PIL/HW/0018	08-06-2020	EMB 4th. Layer F.D.D	302600	302680	LHS		
226	VKE-3/PIL/HW/0019	08-06-2020	EMB 4th. Layer F.D.D	302600	302640	RHS		
227	VKE-3/PIL/HW/0020	08-06-2020	EMB 6th. Layer F.D.D	304000	304150	RHS		
228	VKE-3/PIL/HW/0021	08-06-2020	EMB 11th. Layer F.D.D	304000	304150	LHS		
229	VKE-3/PIL/HW/0022	08-06-2020	Laying of Geo Textile after Subgrade Top	306860	307120	LHS		
230	VKE-3/PIL/HW/0023	08-06-2020	Laying of Geo Textile after Subgrade Top	306860	307120	RHS		
231	VKE-3/PIL/HW/0024	08-06-2020	G5B Top. Layer F.D.D & Level Checking	306860	307120	LHS		
232	VKE-3/PIL/HW/0025	08-06-2020	EMB 15th. Layer F.D.D	307800	307900	RHS		
233	VKE-3/PIL/HW/0026	08-06-2020	EMB 14th. Layer F.D.D	307800	307900	LHS		
234	VKE-3/PIL/HW/0027	08-06-2020	EMB 16th. Layer F.D.D	309560	309700	RHS		
235	VKE-3/PIL/HW/0028	08-06-2020	Subgrade 1st. Layer F.D.D	311680	311980	LHS		
236	VKE-3/PIL/HW/0029	08-06-2020	Subgrade 1st. Layer F.D.D	311680	311980	RHS		
237	VKE-3/PIL/HW/0030	08-06-2020	Subgrade 1st. Layer F.D.D	311980	312270	LHS		
238	VKE-3/PIL/HW/0031	08-06-2020	Subgrade 1st. Layer F.D.D	311980	312260	RHS		
239	VKE-3/PIL/HW/0032	08-06-2020	EMB Top Layer F.D.D & level checking	312300	312500	RHS	Mr. Shailendra	9463989989
240	VKE-3/PIL/HW/0033	08-06-2020	EMB Top Layer F.D.D & level checking	312500	312670	LHS		
241	VKE-3/PIL/HW/0034	08-06-2020	EMB Top Layer F.D.D & level checking	312500	312670	RHS		
242	VKE-3/PIL/HW/0035	08-06-2020	Subgrade 1st. Layer F.D.D	312780	313020	RHS		
243	VKE-3/PIL/HW/0036	08-06-2020	Subgrade 1st. Layer F.D.D	312780	313020	LHS		
244	VKE-3/PIL/HW/0037	08-06-2020	EMB Top Layer F.D.D & level checking	313190	313340	LHS		
245	VKE-3/PIL/HW/0038	08-06-2020	EMB Top Layer F.D.D & level checking	313190	313340	RHS		
246	VKE-3/PIL/HW/0039	08-06-2020	EMB 8th. Layer F.D.D	313450	313580	LHS		
247	VKE-3/PIL/HW/0040	08-06-2020	EMB 8th. Layer F.D.D	313450	313580	RHS		
248	VKE-3/PIL/HW/0041	08-06-2020	EMB 16th. Layer F.D.D	315700	315820	RHS		
249	VKE-3/PIL/HW/0042	08-06-2020	EMB 6th. Layer F.D.D	315920	316000	LHS		
250	VKE-3/PIL/HW/0043	08-06-2020	EMB 6th. Layer F.D.D	315920	316000	RHS		
251	VKE-3/PIL/HW/0044	08-06-2020	EMB 1st. Layer F.D.D	316430	316500	LHS		
252	VKE-3/PIL/HW/0045	08-06-2020	EMB 1st. Layer F.D.D	316430	316500	RHS		
253	VKE-3/PIL/HW/0046	08-06-2020	Trucklay parking EMB 2nd. Layer F.D.D	317890	317940	RHS		
254	VKE-3/PIL/HW/0047	08-06-2020	Trucklay parking EMB 2nd. Layer F.D.D	317940	317990	RHS		
255	VKE-3/PIL/HW/0048	08-06-2020	Subgrade Top Layer F.D.D & level checking	318000	318150	RHS		
256	VKE-3/PIL/HW/0049	08-06-2020	Subgrade Top Layer F.D.D & level checking	318000	318150	LHS		
257	VKE-3/PIL/HW/0050	08-06-2020	EMB 27th. Layer F.D.D	318420	318560	RHS		
258	VKE-3/PIL/HW/0051	08-06-2020	Laying of Geo Textile after Subgrade Top	318000	318545	LHS		
259	VKE-3/PIL/HW/0052	08-06-2020	EMB 8th. Layer F.D.D	319500	319550	LHS		
260	VKE-3/PIL/HW/0053	08-06-2020	EMB 3rd. Layer F.D.D	319500	319550	RHS		
261	VKE-3/PIL/HW/0054	08-06-2020	EMB 12th. Layer F.D.D	319600	319700	RHS		
262	VKE-3/PIL/HW/0055	08-06-2020	EMB 12th. Layer F.D.D	320400	320600	RHS		
263	VKE-3/PIL/HW/0056	09-06-2020	EMB 18th. Layer F.D.D	294730	294960	RHS		
264	VKE-3/PIL/HW/0057	09-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	295600	295700	LHS		
265	VKE-3/PIL/HW/0058	09-06-2020	Subgrade Top Layer F.D.D & level checking	297260	297340	LHS		
266	VKE-3/PIL/HW/0059	09-06-2020	EMB 10th. Layer F.D.D	297670	297760	LHS		
267	VKE-3/PIL/HW/0060	09-06-2020	EMB 13th. Layer F.D.D	301250	301360	LHS		
268	VKE-3/PIL/HW/0061	09-06-2020	EMB 11th. Layer F.D.D	301250	301360	RHS		
269	VKE-3/PIL/HW/0062	09-06-2020	EMB 24th. Layer F.D.D	302980	303020	LHS		
270	VKE-3/PIL/HW/0063	09-06-2020	EMB 24th. Layer F.D.D	302980	303020	RHS		
271	VKE-3/PIL/HW/0064	09-06-2020	EMB 24th. Layer F.D.D	303850	304000	LHS		
272	VKE-3/PIL/HW/0065	09-06-2020	EMB 24th. Layer F.D.D	303850	304000	RHS		
273	VKE-3/PIL/HW/0066	09-06-2020	EMB 6th. Layer F.D.D	304000	304150	RHS		
274	VKE-3/PIL/HW/0067	09-06-2020	EMB 12th. Layer F.D.D	304000	304150	LHS		
275	VKE-3/PIL/HW/0068	09-06-2020	EMB 15th. Layer F.D.D	307800	307900	RHS	Mr. Shailendra	9463989989
276	VKE-3/PIL/HW/0069	09-06-2020	EMB 14th. Layer F.D.D	309300	309350	LHS		
277	VKE-3/PIL/HW/0070	09-06-2020	Subgrade 1st. Layer F.D.D	312780	313020	RHS		
278	VKE-3/PIL/HW/0071	09-06-2020	EMB Top Layer F.D.D & level checking	313190	313340	RHS		
279	VKE-3/PIL/HW/0072	09-06-2020	EMB Top Layer F.D.D & level checking	313190	313340	LHS		
280	VKE-3/PIL/HW/0073	09-06-2020	G5B Top. Layer F.D.D & Level Checking	314600	315170	LHS		
281	VKE-3/PIL/HW/0074	09-06-2020	EMB 6th. Layer F.D.D	315920	316000	RHS		
282	VKE-3/PIL/HW/0075	09-06-2020	EMB 6th. Layer F.D.D	315920	316000	LHS		
283	VKE-3/PIL/HW/0076	09-06-2020	EMB 4th. Layer F.D.D of Pond Area filling	316410		LHS		

Highway RFI								
Sr. NO.	RFI NO.	Inspection date	Item Description	Chainage		Side	Contact Person	Contact Number
				From	To			
284	VKE-3/PIL/HW/077	09-06-2020	EMB 5th. Layer F.D.D of Pond Area filling	316410		LHS		
285	VKE-3/PIL/HW/078	09-06-2020	EMB 6th. Layer F.D.D of Pond Area filling	316410		LHS		
286	VKE-3/PIL/HW/079	09-06-2020	Subgrade Top Layer F.D.D & level checking	316640	318780	RHS		
287	VKE-3/PIL/HW/080	09-06-2020	Subgrade Top Layer F.D.D & level checking	318000	318150	RHS		
288	VKE-3/PIL/HW/081	10-06-2020	EMB 18th. Layer F.D.D	294730	294960	RHS		
289	VKE-3/PIL/HW/082	10-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	295600	295700	LHS		
290	VKE-3/PIL/HW/083	10-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	295700	295800	LHS		
291	VKE-3/PIL/HW/084	10-06-2020	Subgrade Top Layer F.D.D & level checking	297260	297340	LHS		
292	VKE-3/PIL/HW/085	10-06-2020	EMB 11th. Layer F.D.D	301250	301360	RHS		
293	VKE-3/PIL/HW/086	10-06-2020	EMB 13th. Layer F.D.D	301250	301360	LHS		
294	VKE-3/PIL/HW/087	10-06-2020	EMB 25th. Layer F.D.D	303850	304000	LHS		
295	VKE-3/PIL/HW/088	10-06-2020	EMB 25th. Layer F.D.D	303850	304000	RHS		
296	VKE-3/PIL/HW/089	10-06-2020	EMB 6th. Layer F.D.D	304000	304150	RHS	Mr. Shailendra	9463989989
297	VKE-3/PIL/HW/090	10-06-2020	EMB 11th. Layer F.D.D	304000	304150	LHS		
298	VKE-3/PIL/HW/091	10-06-2020	EMB 12th. Layer F.D.D	309350	309500	RHS		
299	VKE-3/PIL/HW/092	10-06-2020	EMB 15th. Layer F.D.D	307800	307900	RHS		
300	VKE-3/PIL/HW/093	10-06-2020	EMB 16th. Layer F.D.D	309560	309700	LHS		
301	VKE-3/PIL/HW/094	10-06-2020	Subgrade 1st. Layer F.D.D	312780	313020	RHS		
302	VKE-3/PIL/HW/095	10-06-2020	EMB 9th. Layer F.D.D	313450	313580	RHS		
303	VKE-3/PIL/HW/096	10-06-2020	EMB 7th. Layer F.D.D	315920	316000	LHS		
304	VKE-3/PIL/HW/097	10-06-2020	EMB 7th. Layer F.D.D	315920	316000	RHS		
305	VKE-3/PIL/HW/098	10-06-2020	EMB 1st. Layer F.D.D	316430	316500	LHS		
306	VKE-3/PIL/HW/099	10-06-2020	EMB 1st. Layer F.D.D	316430	316500	RHS		
307	VKE-3/PIL/HW/100	12-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	295170	295300	RHS		
308	VKE-3/PIL/HW/101	12-06-2020	EMB 13th. Layer F.D.D	295300	295360	RHS		
309	VKE-3/PIL/HW/102	12-06-2020	Subgrade Top Layer F.D.D & level checking	297260	297340	LHS		
310	VKE-3/PIL/HW/103	12-06-2020	EMB 11th. Layer F.D.D	301250	301360	RHS	Mr. Shailendra	9463989989
311	VKE-3/PIL/HW/104	12-06-2020	EMB 14th. Layer F.D.D	301250	301360	LHS		
312	VKE-3/PIL/HW/105	12-06-2020	EMB 16th. Layer F.D.D	307800	307900	RHS		
313	VKE-3/PIL/HW/106	12-06-2020	EMB 7th. Layer F.D.D	304000	304150	RHS		
314	VKE-3/PIL/HW/107	12-06-2020	EMB 12th. Layer F.D.D	304000	304150	LHS		
315	VKE-3/PIL/HW/108	12-06-2020	EMB 16th. Layer F.D.D	309160	309350	RHS		
316	VKE-3/PIL/HW/109	13-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	295170	295300	RHS		
317	VKE-3/PIL/HW/110	13-06-2020	EMB Top Layer F.D.D & level checking	296100	296200	LHS		
318	VKE-3/PIL/HW/111	13-06-2020	EMB Top Layer F.D.D & level checking	296200	296340	LHS		
319	VKE-3/PIL/HW/112	13-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	296200	296340	RHS		
320	VKE-3/PIL/HW/113	13-06-2020	EMB Top Layer F.D.D & level checking	303840	304000	RHS		
321	VKE-3/PIL/HW/114	13-06-2020	EMB Top Layer F.D.D & level checking	303840	304000	LHS		
322	VKE-3/PIL/HW/115	13-06-2020	EMB Top Layer F.D.D & level checking	312300	312500	RHS	Mr. Shailendra	9463989989
323	VKE-3/PIL/HW/116	13-06-2020	EMB Top Layer F.D.D & level checking	312500	312670	LHS		
324	VKE-3/PIL/HW/117	13-06-2020	EMB Top Layer F.D.D & level checking	312500	312670	RHS		
325	VKE-3/PIL/HW/118	13-06-2020	G5B Top. Layer F.D.D & level checking	314910	315160	LHS		
326	VKE-3/PIL/HW/119	13-06-2020	G5B Top. Layer F.D.D & level checking	317540	317650	LHS		
327	VKE-3/PIL/HW/120	13-06-2020	EMB 8th. Layer F.D.D	319500	319550	LHS		
328	VKE-3/PIL/HW/121	13-06-2020	EMB 12th. Layer F.D.D	319600	319700	RHS		
329	VKE-3/PIL/HW/122	13-06-2020	EMB 10th. Layer F.D.D	320100	320200	LHS		
330	VKE-3/PIL/HW/123	13-06-2020	EMB 15th. Layer F.D.D	320200	320300	LHS		
331	VKE-3/PIL/HW/124	13-06-2020	EMB 12th. Layer F.D.D	320400	320600	RHS		
332	VKE-3/PIL/HW/125	19-06-2020	G5B Top. Layer F.D.D & level checking	306850	307120	LHS	Mr. Shailendra	9463989989
333	VKE-3/PIL/HW/126	19-06-2020	G5B Top. Layer F.D.D & level checking	306850	307120	RHS		
334	VKE-3/PIL/HW/127	20-06-2020	G5B Top. Layer F.D.D & level checking	306850	307120	LHS	Mr. Shailendra	9463989989
335	VKE-3/PIL/HW/128	20-06-2020	G5B Top. Layer F.D.D & Level Checking	306850	307120	RHS		
336	VKE-3/PIL/HW/129	21-06-2020	G5B Top. Layer F.D.D & level checking	306850	307120	LHS		
337	VKE-3/PIL/HW/130	21-06-2020	Laying & FDD Checking of DLC	306850	307120	RHS		
338	VKE-3/PIL/HW/131	21-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	295170	295300	RHS	Mr. Shailendra	9463989989
339	VKE-3/PIL/HW/132	21-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	295850	295960	RHS		
340	VKE-3/PIL/HW/133	21-06-2020	EMB Top Layer F.D.D & level checking	296150	296340	LHS		
341	VKE-3/PIL/HW/134	22-06-2020	EMB 18th. Layer F.D.D	294730	294960	RHS		
342	VKE-3/PIL/HW/135	22-06-2020	EMB Top Layer F.D.D & level checking	296100	296150	LHS		
343	VKE-3/PIL/HW/136	22-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	296200	296340	RHS	Mr. Shailendra	9463989989
344	VKE-3/PIL/HW/137	22-06-2020	G5B Top. Layer F.D.D & Level Checking	306850	307120	LHS		
345	VKE-3/PIL/HW/138	23-06-2020	Laying & FDD Checking of DLC	306850	307120	LHS		
346	VKE-3/PIL/HW/139	23-06-2020	G5B Top. Layer F.D.D & Level Checking	307200	307500	RHS		
347	VKE-3/PIL/HW/140	23-06-2020	EMB 18th. Layer F.D.D	294730	294960	RHS		
348	VKE-3/PIL/HW/141	23-06-2020	EMB Top Layer F.D.D & level checking	295600	295700	LHS		
349	VKE-3/PIL/HW/142	23-06-2020	EMB Top Layer F.D.D & level checking	295600	295740	RHS		

Highway RFI								
Sr. NO.	RFI NO.	Inspection date	Item Description	Chainage		Side	Contact Person	Contact Number
				From	To			
350	VKE-3/PIL/HW/9143	23-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	295700	295880	LHS	Mr. Shailendra	9463989989
351	VKE-3/PIL/HW/9144	23-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	295880	295960	LHS		
352	VKE-3/PIL/HW/9145	23-06-2020	EMB 12th. Layer F.D.D	319600	319700	RHS		
353	VKE-3/PIL/HW/9146	23-06-2020	EMB 12th. Layer F.D.D	320400	320600	RHS		
354	VKE-3/PIL/HW/9147	24-06-2020	EMB 9th. Layer F.D.D	320000	320100	LHS		
355	VKE-3/PIL/HW/9148	24-06-2020	EMB 10th. Layer F.D.D	320100	320200	LHS		
356	VKE-3/PIL/HW/9149	24-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	295750	295850	RHS		
357	VKE-3/PIL/HW/9150	24-06-2020	EMB Top Layer F.D.D & level checking	295850	295960	RHS		
358	VKE-3/PIL/HW/9151	24-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	296200	296340	RHS		
359	VKE-3/PIL/HW/9152	24-06-2020	Laying & FDD Checking of DLC	306850	307120	LHS		
360	VKE-3/PIL/HW/9153	24-06-2020	EMB 18th. Layer F.D.D	294730	294960	RHS		
361	VKE-3/PIL/HW/9154	25-06-2020	Laying of Geo Textile after Subgrade Top	307200	307500	LHS		
362	VKE-3/PIL/HW/9155	25-06-2020	G5B Top. Layer F.D.D & level checking	307200	307500	LHS		
363	VKE-3/PIL/HW/9156	25-06-2020	EMB 9th. Layer F.D.D	320000	320100	LHS		
364	VKE-3/PIL/HW/9157	25-06-2020	EMB 10th. Layer F.D.D	320100	320200	LHS		
365	VKE-3/PIL/HW/9158	25-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	295750	295850	RHS		
366	VKE-3/PIL/HW/9159	25-06-2020	EMB Top Layer F.D.D & level checking	295850	295960	RHS		
367	VKE-3/PIL/HW/9160	25-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	296200	296340	RHS		
368	VKE-3/PIL/HW/9161	26-06-2020	EMB 18th. Layer F.D.D	294730	294960	RHS		
369	VKE-3/PIL/HW/9162	26-06-2020	EMB Top Layer F.D.D & level checking	296100	296150	LHS		
370	VKE-3/PIL/HW/9163	26-06-2020	EMB Top Layer F.D.D & level checking	296100	296200	RHS		
371	VKE-3/PIL/HW/9164	26-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	296200	296340	RHS		
372	VKE-3/PIL/HW/9165	26-06-2020	Laying & FDD Checking of DLC	307350	307480	RHS		
373	VKE-3/PIL/HW/9166	27-06-2020	EMB Top Layer F.D.D & level checking	295170	295300	RHS		
374	VKE-3/PIL/HW/9167	27-06-2020	Subgrade 1st. Layer F.D.D	298150	298340	LHS		
375	VKE-3/PIL/HW/9168	27-06-2020	EMB Top Layer F.D.D & level checking	295170	295300	RHS		
376	VKE-3/PIL/HW/9169	27-06-2020	EMB Top Layer F.D.D & level checking	295750	295800	RHS		
377	VKE-3/PIL/HW/9170	27-06-2020	G5B Top. Layer F.D.D & level checking	314610	315150	LHS		
378	VKE-3/PIL/HW/9171	28-06-2020	Subgrade 1st. Layer F.D.D	295600	295740	RHS		
379	VKE-3/PIL/HW/9172	28-06-2020	Subgrade 1st. Layer F.D.D	295600	295880	LHS		
380	VKE-3/PIL/HW/9173	28-06-2020	Below EMB Top Layer F.D.D mix with Copper Slag	295960	296700	RHS		
381	VKE-3/PIL/HW/9174	29-06-2020	EMB 10th. Layer F.D.D	294400	294500	RHS		
382	VKE-3/PIL/HW/9175	29-06-2020	EMB Top. Layer F.D.D & level checking	295750	295850	RHS		
383	VKE-3/PIL/HW/9176	29-06-2020	Subgrade 1st. Layer F.D.D	295850	295960	RHS		
384	VKE-3/PIL/HW/9177	29-06-2020	G5B Top. Layer F.D.D & level checking	314610	315150	LHS		
385	VKE-3/PIL/HW/9178	30-06-2020	G5B Top. Layer F.D.D & level checking	314610	315150	LHS		
386	VKE-3/PIL/HW/9179	30-06-2020	EMB 12th. Layer F.D.D	293700	293850	LHS		
387	VKE-3/PIL/HW/9180	30-06-2020	EMB 10th. Layer F.D.D	294400	294500	RHS		
388	VKE-3/PIL/HW/9181	30-06-2020	EMB Top. Layer F.D.D & level checking	296200	296340	RHS		
389	VKE-3/PIL/HW/9182	01-07-2020	G5B Top. Layer F.D.D & level checking	314890	315160	RHS		
390	VKE-3/PIL/HW/9187	02-07-2020	Subgrade 1st. Layer F.D.D	295850	295960	RHS		
391	VKE-3/PIL/HW/9189	03-07-2020	EMB Top Layer F.D.D & level checking	295750	295850	RHS		
392	VKE-3/PIL/HW/9195	13-07-2020	Laying & FDD Checking of DLC	307385	307480	LHS		
393	VKE-3/PIL/HW/9202	16-07-2020	Laying & FDD Checking of DLC	307210	307385	LHS		
394	VKE-3/PIL/HW/9208	22-07-2020	Laying & FDD Checking of DLC	314890	314975	RHS		
395	VKE-3/PIL/HW/9209	23-07-2020	G5B Top. Layer F.D.D & level checking	314910	315160	LHS		
396	VKE-3/PIL/HW/9210	23-07-2020	Laying & FDD Checking of DLC	314975	315135	RHS		
397	VKE-3/PIL/HW/9213	25-07-2020	Subgrade Top Layer F.D.D & level checking	314380	314740	LHS		
398	VKE-3/PIL/HW/9216	26-07-2020	Subgrade Top Layer F.D.D & level checking	314520	314780	LHS		
399	VKE-3/PIL/HW/9217	26-07-2020	FDD checking after bench cutting	314380	314780	RHS		
400	VKE-3/PIL/HW/9218	26-07-2020	Laying of Geo Textile after Subgrade Top	314380	314520	LHS		
401	VKE-3/PIL/HW/9220	28-07-2020	FDD checking after bench cutting	314520	314780	RHS		
402	VKE-3/PIL/HW/9231	31-07-2020	G5B Top. Layer F.D.D & level checking	314390	314570	LHS		

Annexure 03 RFI Summary

Structure RFI						
RFI NO.	Inspection date	Item Description	Chainage From	Chainage To	Side	Contact Person
VKE-3/PIL/STR/9542	1-Jul-20	Checking of Reinforcement & formwork of PUP final lift A1&A2	322+550		R.H.S	
VKE-3/PIL/STR/9543	1-Jul-20	Pouring concrete M35 Grade for PUP Final Lift A1&A2	322+550		R.H.S	
VKE-3/PIL/STR/9551	2-Jul-20	Checking of Reinforcement & Formwork For PUP A1&A2 WALL 2ND LIFT	302+055		R.H.S	
VKE-3/PIL/STR/9553	2-Jul-20	Checking cable profile and reinforcement of PSC girder A1-P1-G3	321+253		L.H.S	
VKE-3/PIL/STR/9554	2-Jul-20	Checking of Reinforcement & shuttering for box culvert A2 1st lift	307+778		L.H.S	
VKE-3/PIL/STR/9555	2-Jul-20	Pouring for concrete M30 Grade for box culvert A2 1st lift	307+778		L.H.S	
VKE-3/PIL/STR/9556	2-Jul-20	Checking of Reinforcement & formwork for box culvert A2 1st lift	307+687		R.H.S	
VKE-3/PIL/STR/9557	2-Jul-20	Pouring for concrete M30 Grade for box culvert A2 1st lift	307+687		R.H.S	
VKE-3/PIL/STR/9558	3-Jul-20	Pouring M35 Grade Of Concrete for PUP A1&A2 WALL 2ND LIFT	302+055		R.H.S	
VKE-3/PIL/STR/9563	4-Jul-20	Checking of Formwork & Pouring M50 concrete for Girder-G3 of A1-P1 span	321+253		L.H.S	
VKE-3/PIL/STR/9564	4-Jul-20	Checking of Reinforcement & Formwork For PUP A1&A2 WALL 2ND LIFT	292+400		L.H.S	
VKE-3/PIL/STR/9565	4-Jul-20	Pouring M35 G grade Of Concrete for PUP A1&A2 WALL 2ND LIFT	292+400		L.H.S	
VKE-3/PIL/STR/9568	5-Jul-20	Checking of Reinforcement & formwork for box culvert raft	309+819		L.H.S	
VKE-3/PIL/STR/9577	8-Jul-20	Checking OF cable stressing For Girder-G2, G3,G4,G5 cable no-3 & 4 for P2-A2 span	302+713		L.H.S	
VKE-3/PIL/STR/9579	9-Jul-20	Checking cable profiling and reinforcement of PSC girder G4 A1-P1 SPAN	321+253		L.H.S	
VKE-3/PIL/STR/9580	9-Jul-20	Checking of Reinforcement & Shuttering of A1 wall 1st lift vup	312+695		R.H.S	
VKE-3/PIL/STR/9581	9-Jul-20	Pouring M5 Grade Of Concrete For wall 1st lift vup A1	312+695		R.H.S	
VKE-3/PIL/STR/9582	9-Jul-20	Span P2-A2 Grouting for girder no. g2 g3 g4 g5 cable no-3,4	302+713		L.H.S	
VKE-3/PIL/STR/9583	10-Jul-20	Checking of Formwork & Pouring M50 concrete for Girder-G4 of A1-P1 span	321+253		L.H.S	
VKE-3/PIL/STR/9584	12-Jul-20	Checking of Reinforcement & Formwork for Top Slab	322+550		RHS	
VKE-3/PIL/STR/9585	12-Jul-20	Pouring M35 G grade Of concrete for PUP Top Slab	322+550		RHS	
VKE-3/PIL/STR/9588	12-Jul-20	Checking of Reinforcement & formwork of RCC girder-G2 Span P2-A2	299+354		L.H.S	
VKE-3/PIL/STR/9589	12-Jul-20	Checking Of Pouring M35 G grade Of Concrete For RCC girder G2 span P2-A2	299+354		L.H.S	
VKE-3/PIL/STR/9590	13-Jul-20	Checking Of Reinforcement For PSC Girder G1 A1-P1 SPAN	293+014		RHS	
VKE-3/PIL/STR/9591	13-Jul-20	Checking Of Cable Profiling For PSC Girder G1 A1-P1 SPAN	293+014		RHS	
VKE-3/PIL/STR/9592	15-Jul-20	Checking cable profile and reinforcement of PSC girder MJB A1-P1 G5	321+253		L.H.S	
VKE-3/PIL/STR/9599	18-Jul-20	Checking reinforcement & Shuttering For RCC girder G3 P2-A2 Span	299+354		L.H.S	
VKE-3/PIL/STR/9600	18-Jul-20	Pouring M35 G grade Of Concrete For RCC girder G3 P2-A2 Span	299+354		L.H.S	
VKE-3/PIL/STR/9601	18-Jul-20	Checking shuttering Of PSC Girder No G5 A1 P1 Span	321+253		L.H.S	
VKE-3/PIL/STR/9602	18-Jul-20	Pouring M50 G grade Of Concrete For PSC Girder G5 A1 P1 Span	321+253		L.H.S	
VKE-3/PIL/STR/9603	19-Jul-20	Checking of Reinforcement & Formwork for PUP A1 & A2 Wall 3rd lift	313+055		R.H.S	
VKE-3/PIL/STR/9604	19-Jul-20	Pouring M35 G grade Of Concrete For PUP A1 & A2 Wall 3rd lift	313+055		R.H.S	
VKE-3/PIL/STR/9607	20-Jul-20	Checking of reinforcement & formwork PUP A1 & A2 Wall final lift	302+055		R.H.S	
VKE-3/PIL/STR/9608	20-Jul-20	Pouring M35 G grade Of Concrete For PUP A1 & A2 Wall final lift	302+055		R.H.S	
VKE-3/PIL/STR/9609	20-Jul-20	Checking of Reinforcement & formwork Box Culvert A1 & A2 wall 2nd lift	307+778		L.H.S	
VKE-3/PIL/STR/9610	20-Jul-20	Pouring M30 G grade Of Concrete For box culvert A1 A2 wall 2nd lift	307+778		L.H.S	
VKE-3/PIL/STR/9611	21-Jul-20	Checking Of Cleaning Of Rusted Reinforcement & Cement Slurry Coating for Girder No 1 A1-P1 Span	293+014		L.H.S	
VKE-3/PIL/STR/9614	21-Jul-20	Checking Reinforcement & Shuttering For RCC Girder G4 P2-A2 Span	299+354		L.H.S	
VKE-3/PIL/STR/9615	21-Jul-20	Pouring M35 G grade Of Concrete For RCC Girder G4 P2-A2 Span	299+354		L.H.S	
VKE-3/PIL/STR/9617	22-Jul-20	Checking Cable Profile And Reinforcement Of PSC Girder G2 A1-P1	293+014		R.H.S	
VKE-3/PIL/STR/9620	23-Jul-20	Checking Cable Profile And Reinforcement of PSC Girder A1-P1 G6	321+253		L.H.S	
VKE-3/PIL/STR/9624	24-Jul-20	Checking of Cable stressing for Girder No. G6 Cable No. 3,4 P2-A2	302+713		L.H.S	
VKE-3/PIL/STR/9625	24-Jul-20	Checking of Cable stressing For Girder No. G7 Cable no. 3,4 P2-A2	302+713		L.H.S	
VKE-3/PIL/STR/9629	24-Jul-20	Checking of formwork & Pouring M50 G grade Of Concrete For Girder G2 span A1 P1	293+014		R.H.S	
VKE-3/PIL/STR/9637	24-Jul-20	Checking of reinforcement and formwork For PUP top slab	302+055		R.H.S	
VKE-3/PIL/STR/9641	25-Jul-20	Pouring M35 G grade Of Concrete For PUP Top Slab	302+055		R.H.S	
VKE-3/PIL/STR/9645	25-Jul-20	Checking shuttering Of PSC girder A1 P1 G6	321+253		L.H.S	
VKE-3/PIL/STR/9646	25-Jul-20	Checking of Pouring M50 G grade Of concrete PSC girder A1-P1 g6	321+253		L.H.S	
VKE-3/PIL/STR/9647	26-Jul-20	Checking of reinforcement and formwork of box culvert top slab	307+687		R.H.S	
VKE-3/PIL/STR/9648	26-Jul-20	Checking of pouring M-30 grade of concrete box culvert top slab	307+687		R.H.S	
VKE-3/PIL/STR/9651	26-Jul-20	Checking of reinforcement and formwork of PUP Top slab	313+055		R.H.S	
VKE-3/PIL/STR/9653	26-Jul-20	Checking of reinforcement & formwork of box culvert raft	309+819		L.H.S	
VKE-3/PIL/STR/9654	26-Jul-20	Checking of Pouring Concrete M30 G grade Concrete Of box culvert raft	309+819		L.H.S	
VKE-3/PIL/STR/9655	26-Jul-20	Checking of reinforcement & formwork of MNB A2 Wall 3rd lift	309+840		R.H.S	
VKE-3/PIL/STR/9656	26-Jul-20	Checking of Pouring Concrete M35 G grade MNB A2 Wall 3rd lift MNB	309+840		R.H.S	
VKE-3/PIL/STR/9659	26-Jul-20	Checking of reinforcement and formwork of girder no 5 flyover Span P2-A2	299+354		L.H.S	
VKE-3/PIL/STR/9660	26-Jul-20	Checking of pouring M-35 grade of concrete girder no 5 flyover Span P2-A2	299+354		L.H.S	
VKE-3/PIL/STR/9663	27-Jul-20	Checking cable profiling & reinforcement span A1 P1 G1	293+014		L.H.S	
VKE-3/PIL/STR/9664	27-Jul-20	Checking cable profiling & reinforcement span A1 P1 G3	293+014		R.H.S	
VKE-3/PIL/STR/9670	27-Jul-20	Checking reinforcement & shuttering A1 A2 WALL 3rd lift	308+550		L.H.S	
VKE-3/PIL/STR/9671	27-Jul-20	Checking of pouring M-35 grade of concrete A1 A2 WALL 3rd lift	308+550		L.H.S	
VKE-3/PIL/STR/9672	27-Jul-20	Checking of reinforcement and formwork MNB span A1-A2 Girder G7	297+472		L.H.S	
VKE-3/PIL/STR/9673	27-Jul-20	Checking of pouring M-35 grade of concrete MNB span A1-A2 Girder G7	297+472		L.H.S	
VKE-3/PIL/STR/9674	27-Jul-20	Checking of cable stressing 2nd stage cable no.1,5 & 2 girder no.G1 G2	318+870		R.H.S	
VKE-3/PIL/STR/9677	28-Jul-20	Checking of reinforcement and formwork Box culvert raft	309+819		R.H.S	
VKE-3/PIL/STR/9678	28-Jul-20	Checking of pouring M-30 grade of concrete Box culvert raft	309+819		R.H.S	
VKE-3/PIL/STR/9679	28-Jul-20	Checking of Formwork & pouring M-50 grade of Span A1 P1 Girder G3	293+014		R.H.S	
VKE-3/PIL/STR/9680	28-Jul-20	stressing of tendons for 2nd stage for cable 1, 2 & 5 MJB span A1 -P1 GIRDER G3	318+870		R.H.S	
VKE-3/PIL/STR/9681	28-Jul-20	Checking of span P2-A2 Grouting for girder no. G-6 Cable no. 3, 4	302+713		L.H.S	
VKE-3/PIL/STR/9682	28-Jul-20	Checking of span P2-A2 Grouting for girder no. G-7 Cable no. 3, 4	302+713		L.H.S	
VKE-3/PIL/STR/9684	29-Jul-20	Second stage stressing of cable no. 1,2,5 span P1-P2 Girder G4,G5,G6,G7	318+870		L.H.S	
VKE-3/PIL/STR/9685	29-Jul-20	Checking of reinforcement and formwork flyover A2 P2 GIRDER G-6	299+354		L.H.S	
VKE-3/PIL/STR/9686	29-Jul-20	Checking of pouring M-35 grade of concrete flyover A2 P2 GIRDER G-6	299+354		L.H.S	

Structure RFI						
RFI NO.	Inspection date	Item Description	Chainage From	Chainage To	Side	Contact Person
VKE-3/PIL/STR/9687	29-Jul-20	Checking of cable profiling & reinforcement ,span A1 - P1 PSC Girder- G6	293+014		L.H.S	
VKE-3/PIL/STR/9688	29-Jul-20	Checking of layout and excavation Boxculvert near VOP Location	000+482		BHS	
VKE-3/PIL/STR/9689	29-Jul-20	Checking of layout and excavation Boxculvert near VOP Location	000+716		BHS	
VKE-3/PIL/STR/9691	30-Jul-20	Checking Of Final Layer GSB Laying And Ground Improvement	000+482		BHS	
VKE-3/PIL/STR/9693	30-Jul-20	Checking Of Final Layer GSB Laying And Ground Improvement	000+716		BHS	
VKE-3/PIL/STR/9694	30-Jul-20	CHECKING OF PCC LAYING	000+716		BHS	
VKE-3/PIL/STR/9695	30-Jul-20	Checking of Formwork & pouring M-50 grade of Span A1 P1 Girder G7	293+014		L.H.S	
VKE-3/PIL/STR/9696	30-Jul-20	Checking of reinforcement and fromwork of box culvert tob slab	307+778		L.H.S	
VKE-3/PIL/STR/9697	30-Jul-20	Checking of pouring M-30 grade of concrete box culvert tob slab	307+778		L.H.S	
VKE-3/PIL/STR/9698	30-Jul-20	Checking of reinforcement and fromwork flyover A2 P2 GIRDER G-6	299+354		L.H.S	
VKE-3/PIL/STR/9699	31-Jul-20	Checking of pouring M-35 grade of concrete top slab	313+061		R.H.S	
VKE-3/PIL/STR/9700	31-Jul-20	Checking of reinforcement and cable profiling ,Span A1 - P1 Girder- G7	321+253		L.H.S	
VKE-3/PIL/STR/9701	31-Jul-20	Checking shuttering & pouring M50 grade of concrete, Span A1 - P1 Girder- G7	321+253		L.H.S	
VKE-3/PIL/STR/9702	31-Jul-20	Checking of reinforcement and cable profiling ,Span A1 - A2 Girder- G1	297+562		R.H.S	
VKE-3/PIL/STR/9706	31-Jul-20	Checking of reinforcement and cable profiling ,Span A1 - P1 Girder- G7	293+014		R.H.S	
VKE-3/PIL/STR/9709	31-Jul-20	Checking of reinforcement and fromwork of Top slab	308+550		L.H.S	
VKE-3/PIL/STR/9710	31-Jul-20	Checking of pouring M-35 grade of concrete top slab	308+550		L.H.S	

74.02	27.44	58.03	62.99
4.79%	1.78%	3.76%	4.08%

Month	Work Progress During 2019		Work Progress During 2020 (Due to Impact of Pandemic Covid -19)	
	April	74.02	4.79%	11.09
May	27.44	1.78%	26.30	1.70%
June	58.03	3.76%	18.66	1.21%
July	62.99	4.08%		

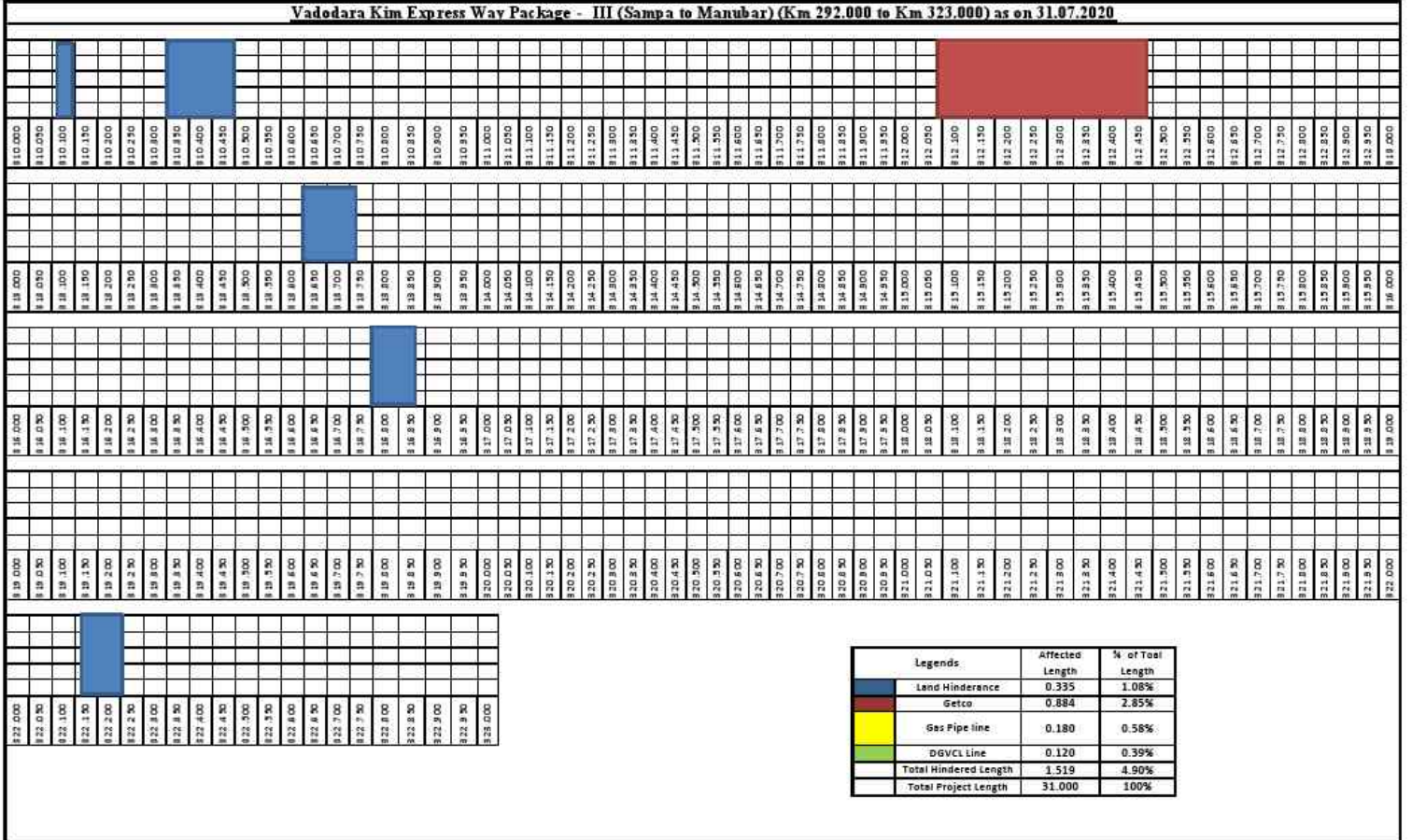
11.09	26.30	18.66
0.72%	1.70%	1.21%

Annexure -05 Hindrance Strip Chart

Vadodara Kim Express Way Package - III (Sampa to Manubar) (Km 292.000 to Km 323.000) as on 31.07.2020

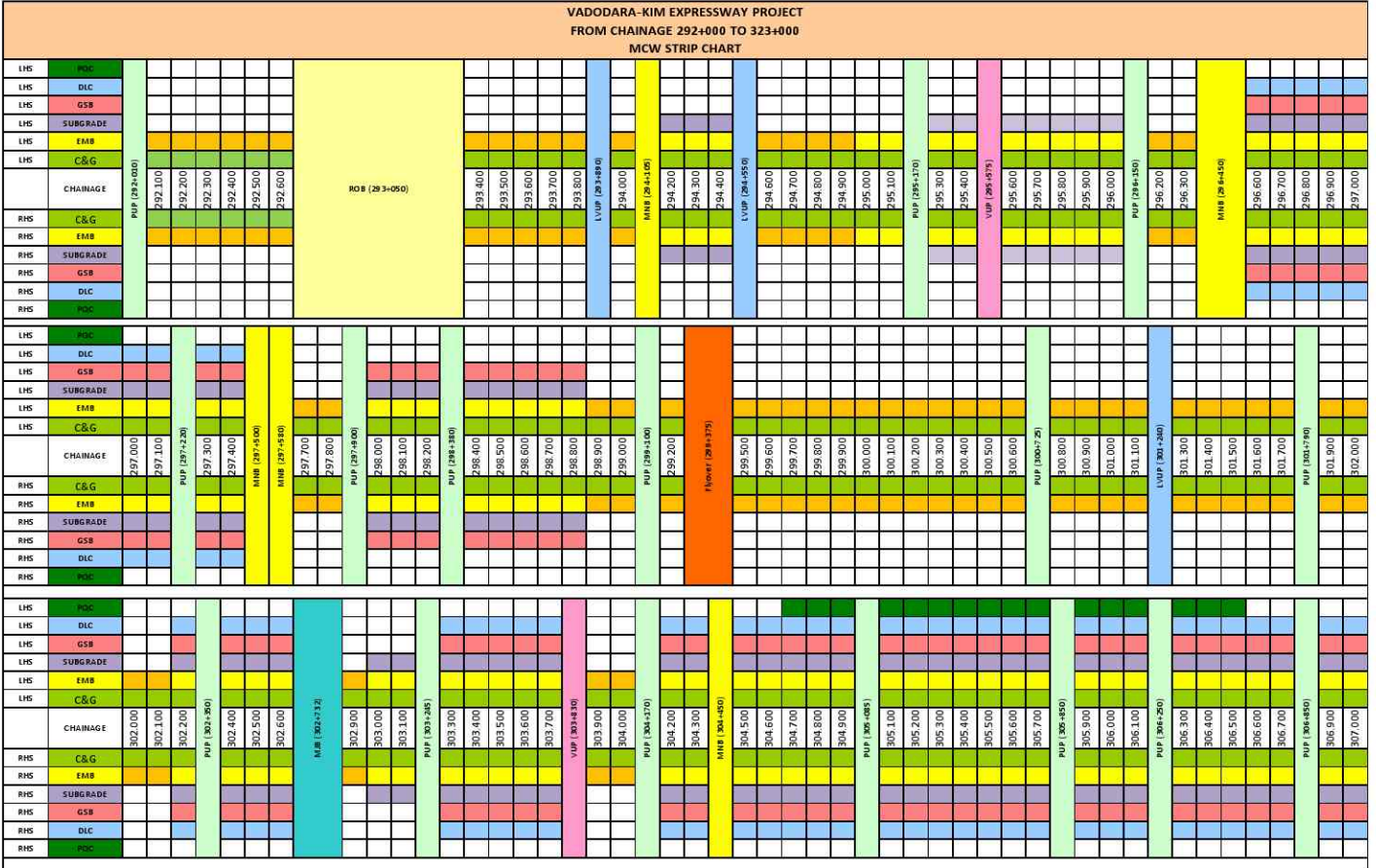
807.000	804.000	801.000	292.000	292.000
807.050	804.050	801.050	292.050	292.050
807.100	804.100	801.100	292.100	292.100
807.150	804.150	801.150	292.150	292.150
807.200	804.200	801.200	292.200	292.200
807.250	804.250	801.250	292.250	292.250
807.300	804.300	801.300	292.300	292.300
807.350	804.350	801.350	292.350	292.350
807.400	804.400	801.400	292.400	292.400
807.450	804.450	801.450	292.450	292.450
807.500	804.500	801.500	292.500	292.500
807.550	804.550	801.550	292.550	292.550
807.600	804.600	801.600	292.600	292.600
807.650	804.650	801.650	292.650	292.650
807.700	804.700	801.700	292.700	292.700
807.750	804.750	801.750	292.750	292.750
807.800	804.800	801.800	292.800	292.800
807.850	804.850	801.850	292.850	292.850
807.900	804.900	801.900	292.900	292.900
807.950	804.950	801.950	292.950	292.950
808.000	805.000	802.000	293.000	293.000
808.050	805.050	802.050	293.050	293.050
808.100	805.100	802.100	293.100	293.100
808.150	805.150	802.150	293.150	293.150
808.200	805.200	802.200	293.200	293.200
808.250	805.250	802.250	293.250	293.250
808.300	805.300	802.300	293.300	293.300
808.350	805.350	802.350	293.350	293.350
808.400	805.400	802.400	293.400	293.400
808.450	805.450	802.450	293.450	293.450
808.500	805.500	802.500	293.500	293.500
808.550	805.550	802.550	293.550	293.550
808.600	805.600	802.600	293.600	293.600
808.650	805.650	802.650	293.650	293.650
808.700	805.700	802.700	293.700	293.700
808.750	805.750	802.750	293.750	293.750
808.800	805.800	802.800	293.800	293.800
808.850	805.850	802.850	293.850	293.850
808.900	805.900	802.900	293.900	293.900
808.950	805.950	802.950	293.950	293.950
809.000	806.000	803.000	294.000	294.000
809.050	806.050	803.050	294.050	294.050
809.100	806.100	803.100	294.100	294.100
809.150	806.150	803.150	294.150	294.150
809.200	806.200	803.200	294.200	294.200
809.250	806.250	803.250	294.250	294.250
809.300	806.300	803.300	294.300	294.300
809.350	806.350	803.350	294.350	294.350
809.400	806.400	803.400	294.400	294.400
809.450	806.450	803.450	294.450	294.450
809.500	806.500	803.500	294.500	294.500
809.550	806.550	803.550	294.550	294.550
809.600	806.600	803.600	294.600	294.600
809.650	806.650	803.650	294.650	294.650
809.700	806.700	803.700	294.700	294.700
809.750	806.750	803.750	294.750	294.750
809.800	806.800	803.800	294.800	294.800
809.850	806.850	803.850	294.850	294.850
809.900	806.900	803.900	294.900	294.900
809.950	806.950	803.950	294.950	294.950
810.000	807.000	804.000	295.000	295.000

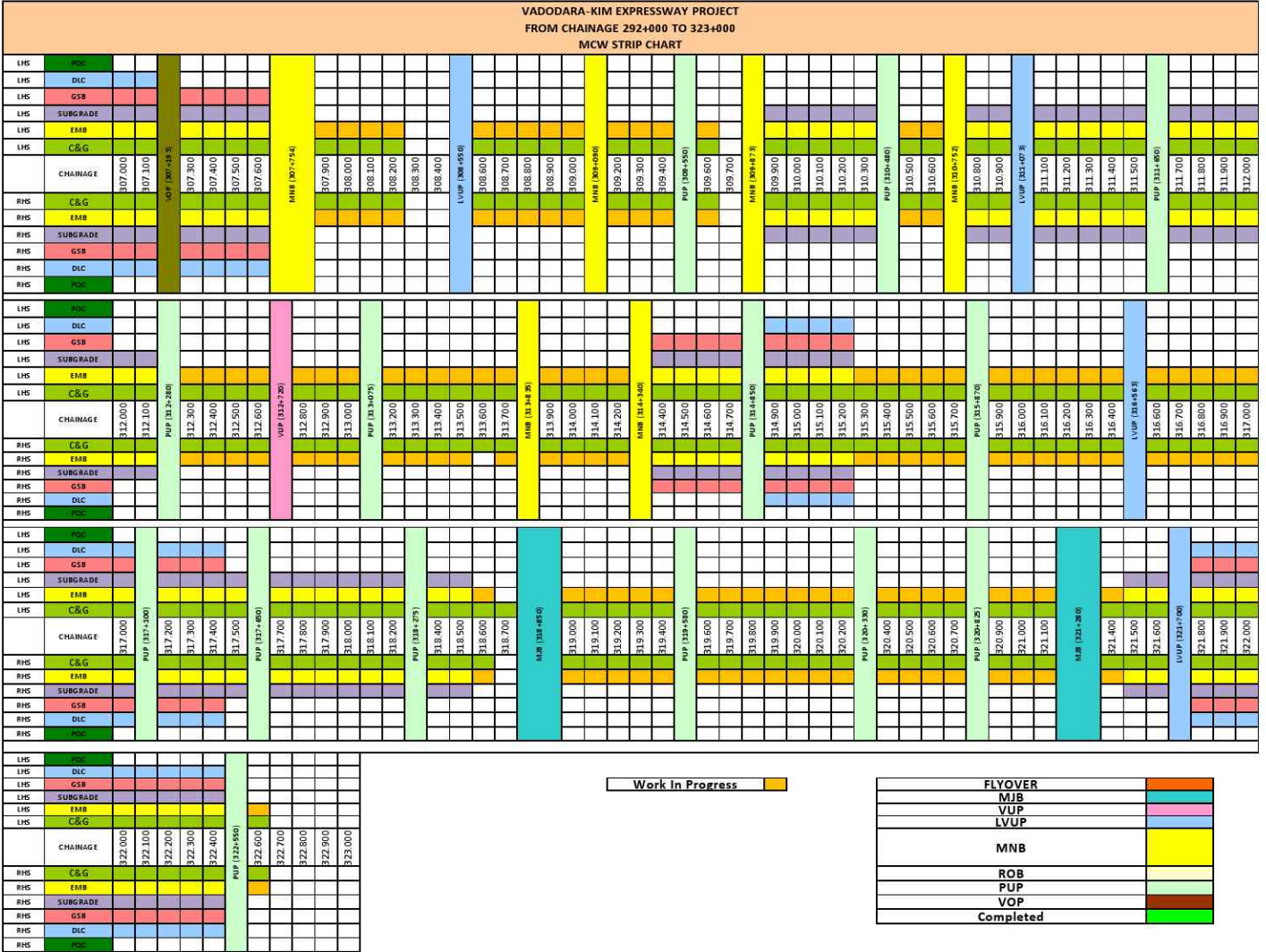
Vadodara Kim Express Way Package - III (Sampa to Manubar) (Km 292.000 to Km 323.000) as on 31.07.2020



Legends	Affected Length	% of Total Length
Land Hindrance	0.335	1.08%
Getco	0.884	2.85%
Gas Pipe line	0.180	0.58%
DGVC Line	0.120	0.39%
Total Hindered Length	1.519	4.90%
Total Project Length	31.000	100%

Annexure-06 Highway Strip Chart





Annexure-06 Highway Strip Chart.

VADODARA-KIM EXPRESSWAYPROJECT FROM CHAINAGE 292+000 TO 323+000 SERVICE ROAD STRIP CHART											
LHS	BC										
LHS	DBM										
LHS	WMM										
LHS	GSB										
LHS	SUBGRADE										
LHS	EMB										
	CHAINAGE	294.270	294.370	294.470	294.520						
RHS	EMB										
RHS	SUBGRADE										
RHS	GSB										
RHS	WMM										
RHS	DBM										
RHS	BC										
		295.350	295.450	295.550	295.650	295.750					
		306.250	306.350	306.380							
		308.270	308.370	308.470	308.550						
		311.550	311.650	311.750							
		314.350	314.450	314.510							
		318.900	318.980								

Progress During Month

Annexure D7 Structure Strip chart

CONSTRUCTION OF EIGHT LANE VADODARA KIM EXPRESSWAY																								
PKG III (From Km 292.00 To Km 323.00)																								
ROB																								
With Min. 5.5m Vertical Clearance from Cross Road & 8.325m from Railway Track																								
LHS												Ch: 293+014 (17 spans) 6x30 +1x24.6 +2x8.7 to 30 +1x38 +1x44 +1x33.75 +5x33		RHS										
Super structure					Sub Structure (Abtmt/Pier Cap)				Foundation (Pile Cap)			Foundation (Pile Cap)		Sub Structure (Abtmt/Pier Cap)				Super structure						
Completed					Completed				Completed		Scope		Completed				Completed							
Crash Barrier	Exp Joint	Slab	Cross Girder	Main Girder	Scope	Pedestals	Cap	Stem	Scope	Completed	Scope	Scope	Completed	Scope	Stem	Cap	Pedestals	Scope	Main Girder	Cross Girder	Slab	Exp Joint	Crash Barrier	
																								Completed
					A1-P1	1	1	1	1	1	1	A1	1	1	1	1	1	1	1	A1-P1				
					P1-P2	1	1	1	1	1	1	P1	1	1	1	1	1	1	1	P1-P2				
					P2-P3	1	1	1	1	1	1	P2	1	1	1	1	1	1	1	P2-P3				
					P3-P4	1	1	1	1	1	1	P3	1	1	1	1	1	1	1	P3-P4				
					P4-P5	1	1	1	1	1	1	P4	1	1	1	1	1	1	1	P4-P5				
					P5-P6	1	1	1	1	1	1	P5	1	1	1	1	1	1	1	P5-P6				
					P6-P6a	1	1	1	1	1	1	P6	1					1						
					P6a-P7	1			1		1	P6a	1						1	P6-P7				
					P7-P8	1			1		1	P7	1	1	1	1				P7-P8				
					P8-P9	1			1		1	P8	1					1		P8-P9				
					P9-P10	1			1		1	P9	1					1		P9-P9a				
													P9a	1	1	1	1				P9a-P10			
					P10-P11	1	1	1	1	1	1	P10	1	1	1	1	1	1	1	P10-P11				
					P11-P12	1			1	1	1	P11	1	1	1	1	1	1	1	P11-P12				
					P12-P13	1			1	1	1	P12	1	1	1	1				P12-P13				
					P13-P14	1			1	1	1	P13	1	1	1					P13-P14				
					P14-P15	1			1	1	1	P14	1	1	1					P14-P15				
					P15-A2	1			1	1	1	P15	1	1	1					P15-A2				
						17	0	8	12	18	15	18		18	15	18	10	7	0	17				

Annexure D7 Structure Strip chart

CONSTRUCTION OF EIGHT LANE VADODARA KIM EXPRESSWAY PKG III (From Km 292.00 To Km 323.00)																						
Major Bridges (Total 3 nos.)																						
LHS											Chainage	RHS										
Super Structure					Sub Structure				Foundation (Pile Cap/ Open)			Scope	Foundation (Pile Cap/ Open)		Sub Structure			Super Structure				
Completed					Completed				Scope	Scope			Scope	Completed			Completed					
Crash Barrier	Exp Joint	Slab	Cross Girder	Main Girder	Pedestals	Cap	Stem	Scope				Completed		Scope	Scope	Completed	Scope	Stem	Cap	Pedestals	Main Girder	Cross Girder
											302+713 Bhukhi Khadi 2x37.847+ 1x38.045											
							1	1	1	1	A1	1	1	1	1	1						
							1	1	1	1	P1	1	1	1	1							
						1	1	1	1	1	P2	1	1	1	1	1						
							1	1	1	1	A2	1	1	1	1							
						1	4	4	4	4		4	4	4	4	2						
											318+870 SSNNL Canal 2x32.20+ 1x15.85											
							1	1	1	1	A1	1	1	1	1							
							1	1	1	1	P1	1	1	1	1							
						1	1	1	1	1	P2	1	1	1	1							
						1	1	1	1	1	A2	1	1	1	1	1						
						2	4	4	4	4		4	4	4	4	1						
											321+253 Rupa Khadi 2x37.658											
						1	1	1	1	1	A1	1	1	1	1	1						

**CONSTRUCTION OF EIGHT LANE VADODARA KIM EXPRESSWAY
PKG III (From Km 292.00 To Km 323.00)**

Minor Bridges (Total 11 nos.)

LHS													Chainage	RHS					
Super Structure					Scope	Sub Structure				Foundation (Pile cap/ Open/Raft)		Sl. No.		Foundation (Pile cap/ Open/Raft)		Sub Structure			Sc
Completed						Completed				Completed	Scope			Scope	Completed	Completed			
Crash Barrier	Exp Joint	Slab	Cross Girder	Main Girder		Pedestal	Cap	Stem	Scope	Scope	Scope			Scope	Stem	Cap	Pedestal		
		1	NA	NA	1	NA	NA	1	1	1	1	1	294+085 Box 1x12	1	1	1	1	NA	NA
					1				2		2	2	296+432 (GAIL) 1x27.846	2		2			
					1				2		2	3	297+472 1x17.688	2	1	2			
					1		1	2	2		2	4	297+562 1x37.394	2	2	2	2	1	
					1				2		2	5	304+454 (GAIL) 1x22.687	2		2			
					1			2	2		2	6	307+731 (SSNNL) 1x22.687	2	2	2	2		
					1				2		2	7	309+100 (GAIL) 1x45.200	2		2			
					1				2		2	8	309+840 (SSNNL) 1x23.740	2	2	2			
					1			2	2		2	9	310+720 (GSPL) Portal 1x21.35	2	2	2	2		
					1				2		2	10	313+809 (SSNNL) 1x24.410	2	2	2			
			NA	NA	1	NA	NA		2		1	11	314+314 Box	1	1	2		NA	NA

Annexure D7 Structure Strip chart

CONSTRUCTION OF EIGHT LANE VADODARA KIM EXPRESSWAY																							
PKG III (From Km 292.00 To Km 323.00)																							
Flyover (1 no.) Min. Vertical Clearance:5.5m																							
LHS											RHS												
Super structure					Sub structure				Foundation (Pile Cap)		Chainage	Foundation (Pile Cap)		Sub structure			Super structure						
Completed					Completed				Completed	Scope		299+354 (12.877+3 6.208+ 16.817)	Scope	Completed	Scope	Completed			Completed				
Crash Barrier	Exp Joint	Slab	Cross Girder	Main Girder	Scope	Pedestal	Cap	Stem	Scope	Completed	Scope		Scope	Completed	Scope	Stem	Cap	Pedestal	Scope	Main Girder	Cross Girder	Slab	Exp Joint
								1	1	1	1	A1	1	1	1	1							
								1	1	1	1	P1	1	1	1	1							
							1	1	1	1	1	P2	1	1	1	1							
								1	1	1	1	A2	1	1	1	1							
								4	4	4	4		4	4	4	4							

Annexure D7 Structure Strip chart

CONSTRUCTION OF EIGHT LANE VADODARA KIM EXPRESSWAY															
PKG III [From Km 292.00 To Km 323.00]															
CUP/PUP (Total 30 nos.) with Span size of 12mX4m															
Ret./ RE Wall	LHS						Sl. No.	Chainage	RHS						Ret./ RE Wall
	Super Structure		Sub Structure		Foundation				Foundation		Sub Structure		Super Structure		
	Crash Barrier	Slab	A1	A2	Raft	PCC			PCC	Raft	A1	A2	Slab	Crash Barrier	
			1	1	1	1	1	292+400	1	1	1	1	1		
		1	1	1	1	1	2	295+151	1	1	1	1	1		
		1	1	1	1	1	3	295+990	1	1	1	1	1		
		1	1	1	1	1	4	297+220	1	1	1	1	1		
		1	1	1	1	1	5	297+900	1	1	1	1	1		
		1	1	1	1	1	6	298+380	1	1	1	1	1		
		1	1	1	1	1	7	299+079	1	1	1	1	1		
		1	1	1	1	1	8	300+725	1	1	1	1	1		
		1	1	1	1	1	9	301+790	1	1	1	1	1		
		1	1	1	1	1	10	302+055	1	1	1	1	1		
		1	1	1	1	1	11	303+220	1	1	1	1	1		
1		1	1	1	1	1	12	304+170	1	1	1	1	1		1
1		1	1	1	1	1	13	305+058	1	1	1	1	1		1
1		1	1	1	1	1	14	305+850	1	1	1	1	1		1
1		1	1	1	1	1	15	306+060	1	1	1	1	1		1
		1	1	1	1	1	16	306+820	1	1	1	1	1		
		1	1	1	1	1	17	309+550	1	1	1	1	1		
		1	1	1	1	1	18	310+480	1	1	1	1	1		
		1	1	1	1	1	19	311+650	1	1	1	1	1		
						1	20	312+280	1						
		1	1	1	1	1	21	313+075	1	1	1	1	1		
		1	1	1	1	1	22	314+850	1	1	1	1	1		
		1	1	1	1	1	23	315+870	1	1	1	1	1		
					1	1	24	316+960	1	1	1	1	1		
		1	1	1	1	1	25	317+460	1	1					
		1	1	1	1	1	26	318+400	1	1					
		1	1	1	1	1	27	319+580	1	1	1	1	1		
		1	1	1	1	1	28	320+330	1	1	1	1	1		
		1	1	1	1	1	29	320+825	1	1	1	1	1		

Annexure 07 Structure Strip chart

CONSTRUCTION OF EIGHT LANE VADODARA KIM EXPRESSWAY																
PKG III (From Km 292.00 To Km 323.00)																
VUP (Total 3 nos.) with Min. Vertical Clearance:5.5m & LVUP (Total 7 nos.) with Min. Vertical Clearance:4.0m																
Ret./ RE Wall	LHS						Sl. No.	VUP/ LVUP	Chainage	RHS						Ret./ RE Wall
	Super Structure		Sub Structure		Foundation					Foundation		Sub Structure		Super Structure		
	Crash Barrier	Slab	A1	A2	Raft	PCC				PCC	Raft	A1	A2	Slab	Crash Barrier	
		1	1	1	1	1	1	VUP	295+554	1	1	1	1	1		
		1	1	1	1	1	1	2	VUP	303+808	1	1	1	1	1	
			1	1	1	1	1	3	VUP	312+695	1	1				
		1	1	1	1	1	1	1	LVUP	293+875	1	1	1	1	1	
		1	1	1	1	1	1	2	LVUP	294+520	1	1	1	1	1	
		1	1	1	1	1	1	3	LVUP	301+214	1	1	1	1	1	
		1	1	1	1	1	1	4	LVUP	308+550	1	1	1	1	1	
		1	1	1	1	1	1	5	LVUP	311+047	1	1	1	1	1	
		1	1	1	1	1	1	6	LVUP	316+536	1	1	1	1	1	
			1	1	1	1	1	7	LVUP	321+673	1	1	1	1	1	
		8	10	10	10	10	10				10	10	9	9	9	

**CONSTRUCTION OF EIGHT LANE VADODARA KIM EXPRESSWAY
PKG III (From Km 292.00 To Km 323.00)**

BOX CULVERTS (Total 27 nos.)

LHS								Sl. No.	Chainage			RHS				
Ret. Wall		Super structure		Substructure		Foundation						Foundation		Substructure		Super stru
A1	A2	Parapet	Slab	A1	A2	Raft	PCC					PCC	Raft	A1	A2	Slab
						1	1	1	292+450		1x2x2	1	1	1	1	1
						1	1	2	294+730	SSNNL	2x4x4	1	1			
			1	1	1	1	1	3	294+985	SSNNL	1x2x2	1	1	1	1	1
1	1	1	1	1	1	1	1	4	295+585		1x3x3	1	1	1	1	1
								5	296+376		1x3x3					
						1	1	6	299+858	SSNNL	1x3x3	1	1	1	1	1
1	1	1	1	1	1	1	1	7	300+148		1x3x4	1	1	1	1	1
								8	301+220	SSNNL	1x5x3					
1	1	1	1	1	1	1	1	9	303+403		1x3x3	1	1	1	1	1
1	1	1	1	1	1	1	1	10	305+437		1x2x2	1	1	1	1	1
								11	307+193 (0+250)		1x2x2					
								12	307+193 (0+650)		1x2x2					
			1	1	1	1	1	13	307+709	SSNNL	1x2.55x2	1	1	1	1	1
			1	1	1	1	1	14	307+778	SSNNL	1x3.45x3	1	1			
								15	308+995	SSNNL	1x3.65x3					
						1	1	16	309+819	SSNNL	1x2x2	1	1			
								17	309+858	SSNNL	1x3x3					

CONSTRUCTION OF EIGHT LANE VADODARA KIM EXPRESSWAY PKG III (From Km 292.00 To Km 323.00)											
HP CULVERTS (Total 35 nos.)											
Chamber	LHS				Sl. No.	Chainage	RHS				Chamber
	Cradle	Pipe Laying	PCC Bedding	Excavation			Excavation	PCC Bedding	Pipe Laying	Cradle	
	1	1	1	1	1	293+620	1	1	1	1	
	1	1	1	1	2	294+420	1	1	1	1	
	1	1	1	1	3	295+870	1	1	1	1	
	1	1	1	1	4	296+720	1	1	1	1	
	1	1	1	1	5	298+120	1	1	1	1	
	1	1	1	1	6	298+819	1	1	1	1	
	1	1	1	1	7	300+445	1	1	1	1	
	1	1	1	1	8	300+970	1	1	1	1	
	1	1	1	1	9	301+500	1	1	1	1	
	1	1	1	1	10	302+270	1	1	1	1	
	1	1	1	1	11	302+578	1	1	1	1	
	1	1	1	1	12	303+608	1	1	1	1	
	1	1	1	1	13	304+069	1	1	1	1	
	1	1	1	1	14	304+649	1	1	1	1	
	1	1	1	1	15	307+340	1	1	1	1	
	1	1	1	1	16	307+969	1	1	1	1	
	1	1	1	1	17	308+320	1	1	1	1	

Annexure 07 Structure Strip chart

HP CULVERTS (Total 35 nos.)											
Chamber	LHS				Sl. No.	Chainage	RHS				Chamber
	Cradle	Pipe Laying	PCC Bedding	Excavation			Excavation	PCC Bedding	Pipe Laying	Cradle	
	1	1	1	1	18	308+794	1	1	1	1	
	1	1	1	1	19	309+368	1	1	1	1	
	1	1	1	1	20	310+119	1	1	1	1	
	1	1	1	1	21	311+329	1	1	1	1	
	1	1	1	1	22	311+969	1	1	1	1	
					23	312+679					
	1	1	1	1	24	313+369	1	1	1	1	
					25	313+812					
	1	1	1	1	26	314+669	1	1	1	1	
	1	1	1	1	27	315+719	1	1	1	1	
	1	1	1	1	28	316+069	1	1	1	1	
	1	1	1	1	29	316+819	1	1	1	1	
		1	1	1	30	317+430	1	1	1		
	1	1	1	1	31	319+268	1	1	1	1	
	1	1	1	1	32	319+969	1	1	1	1	
	1	1	1	1	33	320+719	1	1	1	1	
	1	1	1	1	34	322+294	1	1	1	1	
					35	322+778					
	31	32	32	32			32	32	32	31	

Annexure D7 Structure Strip chart

CONSTRUCTION OF EIGHT LANE VADODARA KIM EXPRESSWAY											
PKG III (From Km 292.00 To Km 323.00)											
Utility Ducts (Total 62 nos.)											
LHS					Sl. No.	Chainage	RHS				
Chamber	Cradle	Pipe Laying	PCC Bedding	Excavation			Excavation	PCC Bedding	Pipe Laying	Cradle	Chamber
	1	1	1	1	1	292+220	1	1	1	1	
	1	1	1	1	2	292+600	1	1	1	1	
	1	1	1	1	3	293+460	1	1	1	1	
	1	1	1	1	4	293+700	1	1	1	1	
	1	1	1	1	5	294+250	1	1	1	1	
	1	1	1	1	6	294+670	1	1	1	1	
	1	1	1	1	7	295+370	1	1	1	1	
	1	1	1	1	8	295+700	1	1	1	1	
	1	1	1	1	9	296+265	1	1	1	1	
					10	296+575					
	1	1	1	1	11	296+790	1	1	1	1	
	1	1	1	1	12	298+000	1	1	1	1	
	1	1	1	1	13	298+600	1	1	1	1	
	1	1	1	1	14	298+950	1	1	1	1	
	1	1	1	1	15	299+400	1	1	1	1	
	1	1	1	1	16	299+975	1	1	1	1	
	1	1	1	1	17	300+625	1	1	1	1	
	1	1	1	1	18	300+850	1	1	1	1	
	1	1	1	1	19	301+370	1	1	1	1	
	1	1	1	1	20	301+655	1	1	1	1	
					21	302+030					
	1	1	1	1	22	302+465	1	1	1	1	
	1	1	1	1	23	302+970	1	1	1	1	

Annexure D7 Structure Strip chart

Utility Ducts (Total 62 nos.)											
Chamber	LHS				Sl. No.	Chainage	RHS				Chamber
	Cradle	Pipe Laying	PCC Bedding	Excavation			Excavation	PCC Bedding	Pipe Laying	Cradle	
	1	1	1	1	24	303+200	1	1	1	1	
	1	1	1	1	25	303+850	1	1	1	1	
	1	1	1	1	26	304+150	1	1	1	1	
	1	1	1	1	27	304+442	1	1	1	1	
	1	1	1	1	28	305+250	1	1	1	1	
	1	1	1	1	29	306+050	1	1	1	1	
	1	1	1	1	30	307+005	1	1	1	1	
	1	1	1	1	31	307+300	1	1	1	1	
	1	1	1	1	32	307+900	1	1	1	1	
	1	1	1	1	33	308+400					
					34	308+905					
	1	1	1	1	35	309+515	1	1	1	1	
	1	1	1	1	36	309+870	1	1	1	1	
	1	1	1	1	37	310+450	1	1	1	1	
				1	38	311+016	1				
	1	1	1	1	39	311+780	1	1	1	1	
					40	312+185					
					41	312+760					
					42	313+210					
	1	1	1	1	43	313+450	1	1	1	1	
	1	1	1	1	44	314+200	1	1	1	1	
	1	1	1	1	45	314+805	1	1	1	1	
	1	1	1	1	46	315+040	1	1	1	1	
	1	1	1	1	47	315+450	1	1	1	1	
	1	1	1	1	48	316+000	1	1	1	1	

Annexure D7 Structure Strip chart

Utility Ducts (Total 62 nos.)											
Chamber	LHS				Sl. No.	Chainage	RHS				Chamber
	Cradle	Pipe Laying	PCC Bedding	Excavation			Excavation	PCC Bedding	Pipe Laying	Cradle	
	1	1	1	1	49	316+480	1	1	1	1	
	1	1	1	1	50	317+000	1	1	1	1	
	1	1	1	1	51	317+520	1	1	1	1	
	1	1	1	1	52	318+225	1	1	1	1	
	1	1	1	1	53	318+650	1	1	1	1	
	1	1	1	1	54	319+100	1	1	1	1	
	1	1	1	1	55	319+465	1	1	1	1	
	1	1	1	1	56	319+775	1	1	1	1	
	1	1	1	1	57	320+150	1	1	1	1	
	1	1	1	1	58	320+625	1	1	1	1	
	1	1	1	1	59	321+050	1	1	1	1	
	1	1	1	1	60	321+465	1	1	1	1	
	1	1	1	1	61	321+985	1	1	1	1	
					62	322+447					
	54	54	54	55			54	53	53	53	

**CONSTRUCTION OF EIGHT LANE VADDARA KIM EXPRESSWAY
PKG III (From Km 292.00 To Km 323.00)
Retaining Wall**

LHS									Chainage		Length (in m)	RHS									
6th lift	5th Lift	4th Lift	3rd Lift	2nd Lift	1st Lift	Footing	PCC	Excvn	From	To		Excvn	PCC	Footing	1st Lift	2nd Lift	3rd Lift	4th Lift	5th Lift	6th Lift	
									318+910	318+930	20	1	1	1							
									318+930	318+950	20	1	1	1	1	1	FINAL				
									318+950	318+970	20	1	1	1	1	1	FINAL				
									318+970	318+990	20										
									318+990	319+015	25										
											105	3	3	3	2	2	0	0	0	0	
FINAL	1	1	1	1	1	1	1	1	322+450	322+470	20	1	1	1	1	1					
FINAL	1	1	1	1	1	1	1	1	322+470	322+490	20	1	1	1	1	1					
FINAL	1	1	1	1	1	1	1	1	322+490	322+510	20	1	1	1	1	1					
			1	1	1	1	1	1	322+510	322+530	20	1	1	1							
									322+530	322+543	13										
									322+557	322+570	13										
			1	1	1	1	1	1	322+570	322+590	20	1	1	1	1	1	1	1	1	1	FINAL
	1	1	1	1	1	1	1	1	322+590	322+610	20	1	1	1	1	1	1	1			
			1	1	1	1	1	1	322+610	322+630	20	1	1	1	1						
			1	1	1	1	1	1	322+630	322+650	20	1	1	1	1	1					
									322+650	322+670	20										
									322+670	322+690	20	1	1	1	1	1	1				
	1	1	1	1	1	1	1	1	322+690	322+710	20	1	1	1							

Annexure D7 Structure Strip chart

Retaining Wall

LHS									Chainage		Length (in m)	RHS								
6th lift	5th Lift	4th Lift	3rd Lift	2nd Lift	1st Lift	Footing	PCC	Excvn	From	To		Excvn	PCC	Footing	1st Lift	2nd Lift	3rd Lift	4th Lift	5th Lift	6th Lift
			1	1	1	1	1	1	322+710	322+730	20	1	1	1	1	1				
						1	1	1	322+730	322+750	20	1	1	1						
						1	1	1	322+750	322+770	20	1	1	1						
							1	1	322+770	322+790	20	1	1	1						
							1	1	322+790	322+800	10	1	1	1						
						1	1	1	322+800	322+820	20	1	1	1						
					1	1	1	1	322+820	322+840	20	1	1	1						
						1	1	1	322+840	322+860	20	1	1	1						
						1	1	1	322+860	322+880	20	1	1							
						1	1	1	322+880	322+900	20	1	1							
						1	1	1	322+900	322+920	20	1	1	1						
						1	1	1	322+920	322+940	20	1	1	1						
						1	1	1	322+940	322+960	20	1	1	1						
						1	1	1	322+960	322+980	20	1	1	1						
							1	1	322+980	323+000	20	1								
0	4	5	9	10	11	22	26	26			536	25	24	22	9	8	4	2	1	0

Annexure D7 Structure Strip chart

CONSTRUCTION OF EIGHT LANE VADODARA KIM EXPRESSWAY															
PKG III (From Km 292.00 To Km 323.00)															
Toe Wall															
						Chainage		Length (in m)	RHS						
Final Lift	2nd Lift	1st Lift	Footing	PCC	Excvn	From	To		Excvn	PCC	Footing	1st Lift	2nd Lift	Final Lift	
						294+430	294+440	10							
						306+100	306+200	100							
						306+200	306+345	145							
						306+345	306+380	35							
						308+322	308+370								
						308+370	308+380	10							
						308+380	308+420	40							
						308+420	308+480	60							
						308+500	308+540	40							
						311+580	311+620	40							
						311+620	311+635	15							
						311+665	311+680	15							
						311+680	311+740	60							
						311+740	311+750								
						314+350	314+430								
								570							

LAB. EQUIPMENTS CALIBRATION PLAN FOR THE MONTH OF JULY-2020

SL No	ITEM NAME	CAPACITY / SIZE	MAKE	ID NO	Date of Calibration	Due Date of Calibration	REMARK
1	Compression Testing Machine (CTM)	2000 KN	Haridarshan Instruments Lts	SL No-201818	25.06.2020	24.06.2021	
2	Flexural Testing Machine (FTM)	100 KN	EIE Instruments	SL No-1605180	18.12.2019	17.12.2020	
3	Proving Ring	25 KN	EIE Instruments	PR-25KN-01884	06.02.2020	05.04.2022	
4	Proving Ring	30 KN	EIE Instruments	SL No-790	18.03.2020	17.03.2021	
5	Proving Ring	2.5 KN	EIE Instruments	PR-25KN-470.2018	07.05.2020	06.05.2021	
6	Pressure Gauge	500 KN	Excel	SL No-EXL-160819C	04.06.2020	03.06.2021	
7	Dial Gauge	0-30mm	Kann	SL No-L2042	04.03.2020	03.03.2021	
8	Dial Gauge	0-30mm	Aerospace	SL No-16871	04.03.2020	03.03.2021	
9	Dial Gauge	0-30mm	Kann	SL No-L1860	04.03.2020	03.03.2021	
10	Dial Gauge	0-30mm	Kann	SL No-L1991	04.03.2020	03.03.2021	
11	Electronic Balance	100 Kg	Swisser	SL No-1805079	21.07.2020	20.07.2021	
12	Electronic Balance	50 Kg	Swisser	SL No-2191210	24.12.2019	23.12.2020	
13	Electronic Balance	50 Kg	Swisser	SL No-2191211	24.12.2019	23.12.2020	
14	Electronic Balance	50 Kg	Swisser	SL No-2190683	21.07.2020	20.07.2021	
15	Electronic Balance	30 Kg	Swisser	SL No-2190713	21.07.2020	20.07.2021	
16	Electronic Balance	20 Kg	Swisser	SL No-2190755	21.07.2020	20.07.2021	
17	Electronic Balance	10 Kg	Swisser	SL No-2180656	21.07.2020	20.07.2021	
18	Rapid Moisture Meter (RMM)	0-25 %	EIE Instruments	EIE/RMM/C-1912349	24.12.2019	23.12.2020	
19	Rapid Moisture Meter (RMM)	0-25 %	EIE Instruments	EIE/RMM/C-2002031	28.02.2020	27.02.2021	
20	Digital Multi Thermometer	-50 to 300 °C	ACETEQ	ST-92838	17.02.2020	16.02.2021	
21	Vicat Needle Apparatus		EIE Instruments		21.07.2020	20.07.2021	
22	CBR Mould	150 mm	EIE Instruments		24.12.2019	23.12.2020	
23	Rain Gauge		EIE Instruments		01.07.2020	30.06.2021	
24	Digital Vernier Caliper	0 to 200 mm	EIE Instruments	Sr No-1105183056	21.07.2020	20.07.2021	
25	Nuclear Density Gauge	Model No- H5001EZ	Humboldt	Sr. No-5458	10.04.2020	09.04.2021	
IN-HOUSE CALIBRATION							
1	Concrete Batching Plant (Patel)	240 M ³ /hour	Schwing Stetter	H6N	21.06.2020	20.09.2020	
2	Concrete Batching Plant (Patel)	112 M ³ /hour	Schwing Stetter	M-2.5 C	19.07.2020	18.10.2020	
3	Concrete Batching Plant (Patel)	60 M ³ /hour	Schwing Stetter	M-1.0 C	02.06.2020	01.09.2020	
4	Concrete Batching Plant (Keya)	60 M ³ /hour	Schwing Stetter	M-1.0 C	23.05.2020	22.08.2020	
5	DLC Plant (Patel)	300 MT/Hour	Maxmech	MCMT300	27.07.2020	26.10.2020	
6	Moisture Container (Big Size)	100x75 cm	EIE Instruments		13.06.2020	12.12.2020	
7	CBR Mould	150 mm	EIE Instruments		13.06.2020	12.12.2020	
8	Moisture Container (Mideum Size)	75x50 cm	EIE Instruments		13.06.2020	12.12.2020	
9	Moisture Container (Small Size)	50x50 cm	EIE Instruments		13.06.2020	12.12.2020	
10	Sand Pouring Cylinder No-01	200 mm	EIE Instruments		18.07.2020	17.10.2020	
11	Sand Pouring Cylinder No-02	200 mm	EIE Instruments		16.06.2020	15.09.2020	
12	Sand Pouring Cylinder No-03	200 mm	EIE Instruments		19.05.2020	18.08.2020	
13	Sand Pouring Cylinder No-04	200 mm	EIE Instruments		16.06.2020	15.09.2020	
14	Sand Pouring Cylinder No-02	150 mm	EIE Instruments		30.07.2020	29.10.2020	
15	Rapid Moisture Meter(RMM) No-01	0-25 %	EIE Instruments		20.02.2020	19.08.2020	
16	Rapid Moisture Meter(RMM) No-02	0-25 %	EIE Instruments		07.07.2020	07.10.2020	
17	Proctor Mould	1000 cc	EIE Instruments		06.04.2020	05.10.2020	
18	Proctor Rammer	4.89 Kg.	EIE Instruments		12.06.2020	11.06.2021	
19	CBR Mould	150 mm dia	EIE Instruments		06.04.2020	05.10.2020	
20	Concrete cube Mould	15x15x15 cm	EIE Instruments		28.02.2020	27.02.2021	
21	Cement Mortar Mould	7.06x7.06x7.06 cm	EIE Instruments		23.12.2019	22.12.2020	
22	Beam Mould	70x15x15 cm	EIE Instruments		12.07.2020	11.07.2021	
23	Slump Cone	30x20x10 cm	EIE Instruments		23.12.2019	22.12.2020	

Annexure -09 Progress Photographs

Name of Project :- Manubar - Sanpa (VME-III) HAM Project

MPC 01
(Photographic)

PATEL
Every Milestone is our Value

JULY



321+510
To
321+590

Level Checking for GSB bed

BHS

307+330
To
307+480

DLC laying in progress

LHS

Name of Project :- Manubar - Sanpa (VME-III) HAM Project

MPC 01
(Photographic)

PATEL[®]
Every Milestone is our Value

JULY



307+330	FDD checking of DLC layer	LHS	295+750 To 295+850	E TOP work in progress	RHS
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Name of Project :- Manubar - Sanpa (VME-III) HAM Project



MPC 01
(Photographic)

JULY



314+890 To 314+975	Curing and gunny bag spreading work in progress	RHS	314+890 To 314+975	DLC laying in progress	RHS
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Name of Project :- Manubar - Sanpa (VME-III) HAM Project

MPC 01
(Photographic)

JULY



Cover tarpaulin DLC
material

307+210
To
307+340

DLC laying in progress

LHS

Name of Project :- Manubar - Sanpa (VME-III) HAM Project



MPC 01
(Photographic)

JULY



314+890 To 315+160	Level & FDD checking of GSB TOP by IE	RHS	307+385 To 307+480	DLC laying work in progress	LHS
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Name of Project :- Manubar - Sanpa (VME-III) HAM Project

MPC 01
(Photographic)

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JULY



295+850
to
295+960

FDD checking of SG
1ST by IE

RHS

295+750
To
295+850

E TOP work in progress

RHS

Name of Project :- Manubar - Sanpa (VME-III) HAM Project

MPC 01
(Photographic)

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JULY



293+014

**ROB PSC girder
reinforcement work in
progress**



293+014

**Concrete pouring in
progress ROB span A1-
P1 G2**

RHS

Name of Project :- Manubar - Sanpa (VME-III) HAM Project

MPC 01
(Photographic)

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JULY



307+687

**Box culvert top slab
reinforcement binding
work in progress**

RHS

302+055

**PUP top slab reinforcement
work in progress**

RHS

Name of Project :- Manubar - Sanpa (VME-III) HAM Project

MPC 01
(Photographic)

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JULY



302+055

PUP slab concrete work in progress

RHS

302+055

PUP 3rd lift A1 A2 Concrete pouring in progress

RHS

Name of Project :- Manubar - Sanpa (VME-III) HAM Project

MPC 01
(Photographic)

PATEL[®]
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JULY



321+253	MJB A1 P1 -G5 PSC girder casting work in progress	LHS	322+550	PUP top slab concrete pouring work in progress	RHS
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Name of Project :- Manubar - Sanpa (VME-III) HAM Project

MPC 01
(Photographic)

PATEL[®]
Every Milestone is our Value

JULY

					
302+055	PUP slab concrete work in progress	RHS	302+055	PUP slab concrete work in progress	RHS

Name of Project :- Manubar - Sanpa (VME-III) HAM Project

MPC 01
(Photographic)

PATEL
Every Milestone is our Value

JULY



321+253

MJB PSC span girder A1 P1-G6 casting work in progress

LHS

302+055

PUP slab concrete work in progress

RHS

Patel Infrastructure Limited

Vadodara Kim Expressway Package-3

Site safety report for the month of July-2020

Install Diversion board at ch-316+536.

CH-321+673



Install Keep left hazard marker & Overhead power line board at ch-307+731



Staff temperature checking



Safety Meeting (Monthly)



Workers thermal scanning



Workers safety tool box talk



Patel Infrastructure Limited

Vadodara Kim Expressway Package-3

Environment Report for the month of July-20

Good Housekeeping (On daily basis)



Sprayed of Hypochlorite at campus and Office area (on daily basis)



Sprinkling of Sanitizer at campus and Office area



PIL/WKP3/LOA/403A/2018

Date: 14.06.2018

To,
Mauni Minerals,
B/72, Shiv-Shakti Colony,
Opp. Forensic Science Laboratory,
University Road, Rajkot-360005
PAN: ABCFM7459A

Letter of AwardKind Att.: - Mr. Punit M. PatelContact No.:- +91- 9925336333/9825077365E-mail:- mauniminerals@gmail.com

Project: Construction of Eight Lane Vadodara Kim Expressway from Km. 292+000 to Km. 323+000 (Manubar to Sanpa section of Vadodara Mumbai Expressway) in the State of Gujarat under NHDP Phase - VI on Hybrid Annuity Mode (Phase IA-Package III)

Subject: LOA providing aggregate & GSB from crusher located at near Ashnavi for the above cited project work.

Ref: Your offer and subsequent negotiations.

Dear Sir,

With reference to your quotation and subsequent discussion with you, we Patel Infrastructure Ltd. (PIL) are pleased to award Mauni Minerals (Subcontractor), the work for providing aggregate & GSB material at Plant located at Rajpardi- Natrang Road at Ashnavi, Tal- Netrang village to PIL as per Technical Specification and relevant codes with latest modifications and as per Manual of Specification and standard for Eight Lining of Expressway for the above said Project Highway based on the mutually accepted and finalized terms and conditions:

The detailed Work Order (with agreed Rates and Terms & Conditions) will be issued to you shortly.

You are requested to sign & return the duplicate copy of this LOA as a token of acceptance.

Thanking you,
For, Patel Infrastructure Ltd.



(Authorized Signatory)

Patel Infrastructure Limited**Regd. Office**

"PATEL HOUSE", Beside Prakruti Resort, Chhani Road, Chhani, Vadodara - 390 024, Gujarat, India

Ph.: +91 265 277 6678, 277 7778 | Fax: +91 265 277 7878 | Email: ho@patelinfra.com | Website : www.patelinfra.com

CIN : U45201GJ2004PLC043955



No. SEIAA/GUJ/EC/1(a)/ ૬૧૧/2018

Date: 31 JUL 2018

By R.P.A.D

Time Limit

Sub: Environment Clearance to Mauni Mineral for mining of Black Trap from the Lease Area [Lease Area in Hectare & Type: 7.15 Ha, New] located at Survey No. 31, Village: Ashnavi, Taluka: Jhagadia, Dist: Bharuch, State: Gujarat.....Mining project in Category 1 (a) of the Schedule of the EIA Notification dated 14/9/2006.

Ref: Your Proposal No. SIA/GJ/MIN/74782/2018.

Dear Sir,

This has reference to application seeking environmental clearance for mining of Black Trap from the Project Proponent along with the information in specified performa endorsed by the Assistant Geologist of Bharuch district.

The brief information submitted are as follows:

Sr No	Name of Applicant	Lease Area in Hectare & Type	Survey No.	Village	Taluka	Rate of Mining
1.	Mauni Mineral	7.15 Ha, New	31	Ashnavi	Jhagadia	856140 TPA

Being a mining project, the above proposal falls under project / activity no. 1(a) of the Schedule of the EIA Notification, 2006. As the lease area of the proposal is less than 50 Hectare, it falls under Category B. Since the project was categorized as 'B2', it does not require Public Consultation as per Para 7(i) III. Stage (3) (e) of EIA Notification, 2006.

The SEAC, Gujarat has recommended the above proposal to SEIAA, Gujarat vide their letter dated 24/07/2018 for grant of environmental clearance based on the discussion held in the meeting of the SEAC held on 11/07/2018 wherein project proponent was called for presentation.

The above proposal was considered by the SEIAA, Gujarat in its meeting held on 31/07/2018 at Gandhinagar. After detailed deliberation and careful consideration, the SEIAA, Gujarat hereby accord individual Environmental Clearance to above project under the provisions of the EIA Notification dated 14th September, 2006; subject to compliance of the following conditions.

SPECIFIC CONDITIONS:

1. Project proponent shall have to construct pacca wall of 3.5 feet height surrounding to the excavated pit to prevent casualty.
 2. Project proponent shall comply with all the guidelines and notifications issued by MOEFCC, New Delhi regarding cluster policy as part of compliance of orders of Hon'ble National Green Tribunal from time to time.
 3. If lease area of project proponent falls in the cluster and total borrowed area of the cluster fall under category B1 or A, as per the prevailing guidelines of MoEFCC, New Delhi, all the concerned procedures shall be followed up accordingly for compliance of Environmental Laws/Notifications/Rules and under such circumstances project proponent shall extend all support including financial contribution or otherwise also for compliance of environmental Laws/Notifications/Rules such cluster.
 4. If lease area of applicant falls in the cluster and total borrowed area of the cluster fall under category B1 or A, EIA study shall be carried out for the said cluster as decided by the competent authority and EMP for the cluster shall be prepared based on outcome of the EIA study. In such a case, all the suggestions/recommendations of EIA/EMP prepared for the cluster shall be complied with in a letter and spirit by the project proponent(s) including lease holders who have already been accorded Environmental Clearance.
 5. No mining shall be undertaken outside the area specified in this Environmental Clearance.
- All the measures mentioned in Environment Management Plan (EMP) and mining plan shall be complied with in a letter and spirit.
- All the conditions of the blasting protocol shall be complied with in letter and spirit.



8. Any change in lease area (Individual/cluster), survey number, entailing capacity addition with change in mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 as amended from time to time.

CONDITIONS :

A.1 WATER:

9. The project proponent shall obtain necessary prior permission of the competent authorities for withdrawal of requisite quantity of water (surface water and/or ground water) required for the project.
10. Mining operation shall not intersect ground table and hence there shall not be any water / wastewater discharge from mining operations.
11. Garland Drains, setting tank and Catch drains of appropriate size, gradient and length shall be constructed around the excavated mine, mineral dumps, reject dumps to prevent silt and sediments flowing into any water body.
12. Domestic wastewater shall be disposed off through septic tank - soak pit.

A.2 AIR:

13. Effective safeguards, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points.
14. Drills shall either be operated with dust extractors or equipped with water injection system (wet drilling) to suppress air borne dust during drilling.
15. Only controlled blasting shall be practiced with all necessary care. Blasting operation shall be carried out only during the day time.
16. Internal roads shall be either paved properly or sprinkled with water at regular intervals for controlling fugitive emission during vehicular movement. Trees of native species shall be developed along both sides of internal road/s in order to contain dust.
17. Vehicles shall not be overloaded and mineral transportation shall be done only through covered trucks so that no spillage of mineral / dust take place.
18. Vehicles used in mining operations shall be maintained well so as to keep vehicular emissions in control.
19. Fugitive emission in work place and ambient air shall be monitored. The emission shall conform to the standards prescribed by the concerned authorities.
20. Ambient air quality shall be monitored at site and the nearest human habitation and it shall conform to the norms prescribed by the MoEF, Govt. of India.

A.3 OVER BURDEN / REJECTS / HAZARDOUS WASTE:

21. The project proponent shall strive to adopt zero waste mining concepts by reducing the quantum of reject through technological innovation or finding the use of fines through perspective buyers.
22. Top soil from the mining area shall be scrapped, stacked separately, preserved and utilized for the plantation work.
23. Overburden, waste rock and non-saleable mineral generated during prospecting or mining operations shall be stored separately in properly formed dumps on grounds earmarked. Slope and height of such dumps shall be restricted adequately to prevent any slippage of material. Such dumps should be properly terraced, stabilized and secured at toe to prevent the escape of material that may cause degradation of the surrounding land or silting of water courses.
24. Overburden or other rejects shall be backfilled into the worked out quarry so far as possible with a view to restore the land to its original use or desired alternate use.
25. Used oil / waste oil, if any, generated shall be sold only to the registered recyclers. In case of generation of hazardous waste, the project proponent shall strictly comply with the provisions of Hazardous Waste (Management, Handling and Transboundary Movement) Rules 2008, as may be amended from time to time.

A.4 SAFETY:

26. Only controlled blasting shall be performed with all necessary care for protection of public, workers and property from fly rock and vibration risks.
27. Blasting shall be done in such a manner to prevent formation of big size boulders and thereby to minimize need for secondary blasting.
28. When blasting is done, it shall be ensured that the persons have moved out of buildings and away from the danger zone. At the time of blasting, a guard shall be posted on either side of the road to warn the passers.
29. Explosives for blasting shall be used only after taking requisite permission from the Director General of Mines Safety, Government of India. All necessary safety measures shall be taken and requisite license shall be obtained for storage of explosives.
30. Anti-vibration devices shall be provided to vibrating tools / equipments to be used by workers during mining. Vibrations shall be maintained within safe limit.

31. All the precautions are to be observed as per Reg. 106 of MMR, 1961 for safety and security. Face masks, helmets, safety shoes etc. shall be provided to all the workers working in the mining areas and its usage shall be ensured and supervised.
32. First Aid Box should be made readily available at the site.
33. Occupational health surveillance of workers shall be undertaken periodically by a doctor who is expert in occupational health and hygiene and its records shall be maintained.
34. Information regarding occupational mine diseases caused due to air pollution and its preventive measures shall be displayed at site in vernacular language for workers.

A.5 NOISE:

35. Noise level in and around the lease area shall be kept well within the standards by providing noise control measures including engineering control like acoustic insulation, hoods, silencers, enclosures etc on all sources of noise generation. Ambient noise level shall conform to the standards prescribed under the Environment (Protection) Act & Rules, 1986.

A.6 GREEN BELT DEVELOPMENT:

36. Green belt shall be developed in periphery of the lease area as per the CPCB guidelines and strictly as per the time schedule. The green belt should comprise of rows of varying height native trees with thick foliage.
37. Drip irrigation system shall be used for the green belt development within the premises.

B. OTHER CONDITIONS:

38. The project proponent shall allocate the separate fund for Corporate Environment Responsibility (CER) in accordance to the MoEFCC's Office Memorandum No. F.No.22-65/2017-IA.III dated 01/05/2018 to carry out the activities under CER in affected area around the project. The entire activities proposed under CER shall be monitored and the monitoring report shall be submitted to the regional office of MoEFCC as a part of half-yearly compliance report and to district collector. The monitoring report shall be posted on the website of the project proponent.
39. This Environmental Clearance does not confer any right to the project proponent on the land proposed for lease and all necessary statutory clearances / permissions shall be obtained from respective department before start of mining operations.
40. Mining operation shall be restricted to above ground water table and it shall be ensured that it does not intersect ground water table.
41. The project proponent shall ensure that no natural water course gets obstructed due to mining operations.
42. The pits left unfilled in lease area shall be converted to water body. Higher benches of excavated void/mining pit shall be terraced and its slope shall be made gentler for easy accessibility to the water body.
43. No mining shall be carried out in the safety zone of any bridge / embankment and in the vicinity of natural / manmade archeological sites.
44. No wildlife habitat shall be infringed and in addition to that before issuing the mining lease, it has to be ensured that no wildlife movements shall be existing in the lease area proposed for mining.
45. A booklet containing the Dos and Don'ts shall be prepared in vernacular languages for the use of site in-charge and workers to ensure that all necessary environmental, safety and health measures are undertaken.
46. Funds earmarked for environmental protection measures shall be kept in a separate account and shall not be diverted for other purpose. Records of year wise expenditure shall be maintained.
47. The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose of environmental protection and management.
48. Half yearly compliance reports on the conditions stipulated hereinabove shall be submitted to the SEIAA, State Pollution Control Board and the Regional Office of the Ministry of Environment and Forests, Bhopal, on 1st June and 1st December of each calendar year by individual project proponent.
49. The project proponent shall have to comply with the provisions of Gujarat Minor Mineral Concession Rules (GMMCR) as and when amended by the State Govt. with respect to the provisions for approval of mining plan, EMP for cluster, creation of separate corpus, etc. in view of the recommendations made by the MoEF in its report of March 2010 and the model guidelines framed by the Ministry of Mines.
50. Decisions/Directions of Hon'ble Court and Hon'ble National Green Tribunal given in the matter of minor minerals shall be binding on the project proponent.
51. The Individual project proponent shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the Website of SEIAA/ SEAC/ GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.



52. The project authorities shall inform the GPCB, Regional Office of MoEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
53. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.
54. The project proponent in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional conditions, if the same is found necessary. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act 1986 and Hazardous Wastes (Management Handling and Transboundary) Rules, 2008 along with their amendments and rules.
55. The environmental clearance is being issued without prejudice to the action, if any, initiated under the E.P. Act or any court case, if any, pending in the court of law and it does not mean that the project proponent has not violated any environmental laws in the past. This clearance does not give immunity to the project proponent for the case, if any, filed against him in any court of law or action initiated under the E.P. Act.
56. Precise mining area shall be jointly demarcated at the site by officials of Mining / Revenue Department prior to mining operations. Records of such site plan, duly verified by competent authority shall be maintained.
57. The project proponent shall carry out activities under CSR in consultation with the District Development Officer / District Collector.
58. Geology and Mining Department will take all measures to comply with all the conditions stipulated in this Environmental Clearance and all the conditions stipulated in this clearance shall be incorporated while granting lease to individual lease holder.
59. This clearance is issued with respect to only environmental considerations and it does not imply that SEIAA approved the way by which lease is granted to the project. While granting lease, the concerned authority shall ensure compliance of relevant Rules, Regulations, Notifications, Government Resolutions, Circulars, Judgments / Orders of Hon'ble Courts and NGT, etc.
60. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
61. Submission of any false or misleading information or data which is material to screening or scoping or appraisal or decision on the application makes this environment clearance cancelled.

With regards,
Yours sincerely,



(PRADEEP SINGH)
Member Secretary



Issued to:

Shri Maganbhai Mohanbhai Faldu,
R/o- B-72, Shiv Shakti Colony,
Opp. Forensic Lab, University Road,
Rajkot- 360005

કલેક્ટર કચેરી (ખનિજ શાખા)

ભુસ્તર વિજ્ઞાન અને ખનિજ ખાતું,

જીલ્લા સેવા સદન, બીજો માળ, કણબીવગા, ભરૂચ.

ફોન નં. ૦૨૬૪૨-૨૬૦૦૪૩

ઈ-મેઈલ- geologist-bha@gujarat.gov.in

નં:- એજી/બી.એચ/ક્યુએલ/૬૬૦૨/૧૮/ ૨૫૨૫

તા. ૨૬/૦૮/૨૦૧૮

વંચાણ:-

- (૧) અરજદારશ્રી મીની મિનરલ્સ, રે. રાજકોટ ની તા. ૧૫/૧૨/૨૦૧૬ ની કવોરીલીઝ અરજી.
- (૨) અત્રેની કચેરીના પત્ર ક્રમાંક: એજી/બીએચ/ક્યુપી/૬૦૦૨, તા. ૩૧/૦૧/૨૦૧૭.
- (૩) આસીસ્ટન્ટ કલેક્ટરશ્રી, ઝધડીયાના પત્ર ક્રમાંક: એમએનએસ/વશી/૧૯૫૧-૧૬, તા. ૩૧/૦૭/૨૦૧૭.
- (૪) નાયબ જીલ્લા વિકાસ અધિકારીશ્રી, ભરૂચના હુકમ નં- જિ.પં./મમ/ભુમી/એન.એ./એસ. આર. ૨૩૭/૧૪, તા. ૧૯/૦૮/૨૦૧૪.
- (૫) ભુસ્તરશાસ્ત્રીશ્રી, ભુસ્તર વિજ્ઞાન અને ખનિજ ખાતું, ગાંધીનગર ના પત્ર ક્રમાંક : CGM/MC/BHA-95/9143, Dated 13/06/17
- (૬) અરજદારશ્રીના પત્ર તા. ૨૩/૦૭/૨૦૧૮.
- (૭) સ્ટેટ લેવલ એન્વાયરમેન્ટ ઈમ્પેક્ટ એસેસમેન્ટ ઓથોરીટી, ગાંધીનગર ના પત્ર નં - SEIAA/GUJ/EC/1(a)/819/2018, Dated: 31-07-2018.
- (૮) ગુજરાત ગોણ ખનિજ છૂટછાટ નિયમો- ૨૦૧૭.
- (૯) ગુજરાત ગોણ ખનિજ છૂટછાટ (એમેન્ડમેન્ટ) નિયમો- ૨૦૧૮

પ્રસ્તાવના:-

અરજદારશ્રી મીની મિનરલ્સ, રે. રાજકોટ એ વંચાણ- ૧ થી મોજે અસનાવી, તા. નેત્રંગ, જી. ભરૂચના સનં ૩૧ (ખાનગી માલિકી) મા બ્લોક્ટેપ ખનિજની ૭ - ૧૫ - ૦૦ હેક્ટર વિસ્તારની કવોરી લીઝ મેળવવા અત્રેની કચેરીએ તા. ૧૫/૧૨/૨૦૧૬ ના રોજ અરજી કરેલ. અત્રેના વંચાણ - ૨ ના તા. ૧૨/૦૨/૨૦૧૬ ના પત્રથી પ્રાંત અધિકારીશ્રી, ઝધડીયા પાસેથી મહેસુલી અભિપ્રાય મંગાવતા આસીસ્ટન્ટ કલેક્ટરશ્રી, ઝધડીયા વંચાણ - ૩ ના તા. ૩૧/૦૭/૨૦૧૭ ના પત્ર થી હકારાત્મક મહેસુલી અભિપ્રાય આપેલ છે. અરજદારશ્રીનો માંગણીવાળો વિસ્તાર શીડ્યુઅલ એરીયામાં આવે છે. તા. ૨૬/૧૨/૨૦૧૭ ની ગ્રમસભામાં અસનાવી ગ્રમ પંચાયતે અરજદારશ્રીને લીઝ ફાળવવા હકારાત્મક ઠરાવ કરેલ છે. નાયબ જીલ્લા વિકાસ અધિકારીશ્રી, ભરૂચના વંચાણ - ૪ ના હુકમથી માંગણીવાળો વિસ્તાર કવોરી લીઝ હેતુ માટે બિન ખેતી થયેલ છે. કચેરીના સર્વેયરએ કરેલ નકશાની ચકાસણી મુજબ માંગણીવાળો ૭-૧૫-૦૦ હેક્ટર વિસ્તાર હેક્ટર વિસ્તાર ફાજલ રહે છે. (ભુસ્તરશાસ્ત્રીશ્રી, ભુસ્તર વિજ્ઞાન અને ખનિજ ખાતું, ગાંધીનગર ના વંચાણ - ૫ ના પત્રથી માંગણીવાળા વિસ્તારના માઈનીંગ પ્લાન મંજૂર કરવામાં આવેલ છે. અરજદારશ્રીએ વંચાણ - ૬ ના તા. ૨૩/૦૭/૨૦૧૮ ના પત્રથી માંગણીવાળા વિસ્તારની ડી.આઈ.એલ.આર કચેરી, ભરૂચ પાસેથી માપણી કરાવી માપણી શીટ રજૂ કરેલ છે. સ્ટેટ લેવલ એન્વાયરમેન્ટ ઈમ્પેક્ટ એસેસમેન્ટ ઓથોરીટી, ગાંધીનગર એ એન્વાયરમેન્ટ ક્લીયરન્સ વંચાણ - ૭ ના તા. ૩૧/૦૭/૨૦૧૮ ના પત્ર થી મંજૂર કરેલ છે.

અરજદારશ્રીના માંગણીવાળા વિસ્તારનું સ્થળ નીચેના તા. ૭/૦૬/૨૦૧૮ ના રોજ કરવામાં આવેલ છે. જેના તાંત્રીક રીપોર્ટ મુજબ માંગણીવાળા વિસ્તારમાં બ્લોક્ટ્રેપ ખનિજ મળી આવતી હોય ક્વોરીલીઝ મંજૂર કરવા અભિપ્રાય આપેલ છે.

આમ ઉપરોક્ત હકીકતે અરજદારશ્રીએ ક્વોરીલીઝ મેળવવાની તમામ કાર્યવાહી પૂર્ણ કરેલ હોઈ નીચે મુજબનો હુકમ કરવામાં આવે છે.

// હુકમ //

ગુજરાત ગોણ ખનિજ છુટછાટ નિયમો- ૨૦૧૭ ના નિયમ - ૨૯ તથા ગુજરાત ગોણ ખનિજ છુટછાટ (એમેન્ડમેન્ટ) નિયમો- ૨૦૧૮ અનુસાર મળેલ સત્તાની રૂએ ગુજરાત ગોણ ખનિજ છુટછાટ નિયમો- ૨૦૧૭ ના નિયમ નિયમ - ૧૨ (૩) (બી) ની જોગવાઈ મુજબ નીચે જણાવેલ વિસ્તારમાંથી બ્લોક્ટ્રેપ ગોણ ખનિજ ની ક્વોરીલીઝ ૩૦ (ત્રીસ) વર્ષ ની મુદત માટે મંજૂર કરવામાં આવે છે.

તાલુકો	ગામ	સર્વે નંબર	ક્ષેત્રફળ (હેક્ટર)
નેત્રંગ	અસનાવી	સનં ૩૧ (ખાનગી માલીકી)	૭-૧૫-૦૦

ઉપરોક્ત વિસ્તારની ક્વોરીલીઝ નીચે દર્શાવેલ શરતોને અને જે તે વખતના સરકારશ્રીના પ્રવર્તમાન નિયમોને આધિન રહેશે.

- આ હુકમની તારીખથી ૩૦ દિવસની અંદર લીઝ ધારકશ્રી એ પોતાના ખર્ચે જિલ્લા જમીન દફતર નિરીક્ષકશ્રી, ભરૂચ મારફતે લીઝ વિસ્તારની માપણી કરાવી પાકા હદ નિશાન ૩-૩-૩ ના કોંક્રીટ પીલ્લરો ઉભા કરવાના રહેશે. અને હદ નિશાન પીળા રંગથી રંગી તેના પર કાળા રંગથી પીલ્લર નંબર તથા અક્ષાંત - રેખાંશ દર્શાવવાનાં રહેશે. જિલ્લા દફતર નિરીક્ષકશ્રી, ભરૂચ ની માપણી થયેથી જે સ્પષ્ટ વિસ્તાર રહે તે સ્વીકારનો રહેશે. તેમજ લીઝ વિસ્તારનું સાઈન બોર્ડ બનાવી અત્રે તેના કોટોગ્રાફ રજૂ કરવાનાં રહેશે. તેમજ નકશાની પ્રમાણિત નકલો તૈયાર કરાવી નિયત નમુનાના ફોર્મ - B માં કરારખત કરાવી લેવાનું રહેશે. કરારખત પહેલા લીઝ ધારકશ્રીએ મંજૂર માઈનીંગ પ્લાનમાં દર્શાવેલ કુલ રીઝર્વ જથ્થા મુજબ ભરવાપાત્ર પરફોર્મન્સ સીક્યોરીટી ફોર્મ - A માં રજૂ કરવાની રહેશે. અરજદારશ્રીએ સમયમર્યાદામાં કરારખત માટે સ્ટેમ્પ ડ્યુટી ગણતરી કરાવી ભરપાઈ કરવાની રહેશે.
- આ લીઝ મંજૂરીના હુકમના આધારે ખાણકામ શરૂ થઈ શકશે નહીં પરંતુ નિર્દેશ કર્યા પ્રમાણે સક્ષમ અધિકારી પાસેથી કરારખત કરાવીને લીઝ વિસ્તારનો કબજો મેળવવાનો રહેશે. ત્યારબાદ ગુજરાત ગોણ ખનિજ છુટછાટ નિયમો- ૨૦૧૭ ના નિયમ - ૧૮ (૧) ની જોગવાઈ મુજબ નિયત નમુના - C માં અત્રે જાણ કરી ખાણકામ શરૂ થઈ શકશે.
- પુરેપુરી લીઝ વિસ્તારમાં વાર્ષિક જમીન ભાડું દર હેક્ટરે રૂ. ૧૦૦૦/- પ્રમાણે શરૂઆતમાં ભરી આપવાનું રહેશે અથવા મહેસુલ વિભાગે વખતો વખત ઠરાવેલ રૂપાંતર કર તથા બિન ખેતી આકારણી દર ભરપાઈ કરી આપવાનું રહેશે.
- ખાણમાંથી ખોદીને નિકાલ કરેલ ગોણ ખનિજ ઉપર હાલમાં પ્રવર્તમાન ગુજરાત ગોણ ખનિજ છુટછાટ નિયમો-૨૦૧૭ ના પરિશિષ્ટ-૪ માં દર્શાવેલ વખતો વખતના દરે ડેડરેન્ટ અથવા રોયલ્ટીની રકમ જે વધુ હશે તે ભરપાઈ કરવાની રહેશે. આ નિયમો હેઠળ ચાલતા રોયલ્ટીના દર નીચે પ્રમાણે છે.

ગોણ ખનિજ નું નામ	રોયલ્ટી દર પ્રતિ મે.ટન (રૂ.માં)	ડેડરેન્ટ પ્રતિ ચો.મી અને તેના ભાગ માટે (રૂ.માં)
બ્લેકકોલ	૪૫/-	૧૦/-

- ૫.. લીઝ વિસ્તારમાંથી ખસેડવામાં આવતા ગોણ ખનિજ ભરેલ વાહન સાથે નિયત કરેલ ઈ - રોયલ્ટી પાસ સાથે વજન કાંટાની પાવતી આપવાની રહેશે. લીઝ વિસ્તારમાં વે બિજ ફરજીયાત નાખવાનો રહેશે. તેમજ સાર્થબર ટ્રેજરી મારફત નાણાં ભરપાઈ કરવાના રહેશે.
- ૬.. જે ગોણ ખનિજ માટે આ લીઝ વિસ્તાર મંજૂર કરવામાં આવેલ છે. તે સિવાયના અન્ય કોઈ પણ ખનિજોનું ખોદકામ કે વહન કરી શકાશે નહિ.
- ૭.. લીઝ વિસ્તારમાંથી થયેલ ખોદકામ અંગેના સંપૂર્ણ હિસાબ ઠરાવેલ નમુનામાં ટૅનિક /માસિક/ વાર્ષિક પત્રકમાં લીઝધારકે રાખવાનો રહેશે. તેમજ દર માસની આઠમી તારીખ 'સુધીમા માસીક પત્રકો અચુક કચેરીએ રજૂ કરવાના રહેશે.
- ૮.. સક્ષમ અધિકારીશ્રી અથવા ભૂસ્તર વિજ્ઞાન અને ખનિજ ખાતાના કોઈપણ અધિકારી / કર્મચારી ખાણ તપાસ માટે આવે અને તપાસ દરમ્યાન ખાણ સંબંધી કોઈ પણ માહિતી ચોપડા હિસાબો માંગે તો તે રજૂ કરવાના રહેશે.
- ૯.. આ હુકમ કારામત સાથે રાખવાનો રહેશે. અને તેમાં જણાવેલ શરતો પટેદારને બંધનકર્તા રહેશે.
- ૧૦.. સરકારશ્રીને જરૂર જણાય ત્યારે લીઝ વિસ્તારની જમીન વિના વળતરે પરત કરવાની રહેશે.
- ૧૧.. માંગણીયાળા વિસ્તારમાં કે આજુબાજુ મોટરો કે વાહનો જવાનો રસ્તા કે ચીલા હોય તો તેવા રસ્તા કે ચીલા લીઝ ધારક બંધ કરી શકશે નહીં. તથા તેનો ઉપયોગ જાહેર જનતા કરતી હોય તો રૂકાવટ કરી શકશે નહિ.
- ૧૨.. મંજૂર થયેલ વિસ્તાર વન - અભ્યારણ , પર્યાવરણ વિસ્તાર, આદીવાસી વિસ્તાર કે અન્ય હેતુ માટે સરકારશ્રી જાહેર કરે કે આ અંગે કોઈપણ પ્રશ્નો પણ ઉદભવશે તો વિના વળતરે સદર લીઝ વિસ્તાર લીઝ ધારકશ્રીએ સરકારશ્રી પક્ષે પરત સોંપવાનો રહેશે.
- ૧૩.. વન - અભ્યારણ , પર્યાવરણ કે વન્ય પ્રાણીઓને નુકશાન થાય તેવું કૃત્ય કરવાનું રહેશે નહિ.
- ૧૪.. લીઝ વિસ્તારમાં જવા આવવાના રસ્તા સ્વખર્ચે અને જવાબદારીથી બનાવવાના રહેશે. અને રસ્તા અંગે સંબંધિત ગ્રામ પંચાયતની મંજૂરી મેળવી લેવાની રહેશે. તેમજ રસ્તા અંગેના કોઈ હકકો માંગવાના રહેશે નહિ.
- ૧૫.. લીઝ ધારકશ્રીએ હાલમાં પ્રવર્તમાન ગુજરાત ગોણ ખનિજ છૂટછાટ નિયમો-૨૦૧૭ નું ચુસ્તપક્ષે પાલન કરવાનું રહેશે.
- ૧૬.. ખાણકામ કેમ, પુલ કે અન્ય જળાશય વિગેરે યોજનાઓને નુકશાન ન થાય, જાહેર હિતને નુકશાન ન થાય તે રીતે કરવાનું રહેશે.તેમ છતાં કોઈ નુકશાન થશે અગર ફરીયાદ મળશે તો તે અંગે થયેલ નુકશાનની જવાબદારી લીઝ ધારકશ્રીની અંગત રહેશે.
- ૧૭.. સદર લીઝ જે નામે મંજૂર થયેલ છે. તેઓએ પોતે જ ચલાવવાની છે. અન્ય ઈસમને કે કોઈ કંપનીને અત્રેની મંજૂરી મળ્યા બાદ જ આપી શકાશે.

- ૧૮.. સદરહુ ડીઝ મંજૂરી હુકમ સરકારશ્રીની મહેસુલી આવક અને ખનિજ ઉદ્યોગને પ્રોત્સાહન મળી રહે તે હેતુને લક્ષમાં રાખી કરવામાં આવેલ છે.
- ૧૯.. સ્ટેટ લેવલ એન્વાયરમેન્ટ ઈમ્પ્રુવમેન્ટ ઓથોરીટી, ગુજરાત પોલ્યુશન કન્ટ્રોલ બોર્ડ, ગાંધીનગર ના એન્વાયરમેન્ટ કલેક્શન સર્ટીફિકેટમાં જણાવેલ શરતોનું પાલન કરવાનું રહેશે.
- ૨૦.. ડીઝ ધારકશ્રીએ બિન ખેતીની મુદત પુરી થતા પહેલા મુદત વધારાનો હુકમ રજૂ કરવાનો રહેશે. અન્યથા બિન ખેતી ની મુદત પુરી થતા ક્વોરીલીઝ નું ATR લોક કરવામા આવશે.
- ૨૧.. કરારખત પહેલા સ્થાવર જંગમ મિલકતના પુરાવા રજૂ કરવાના રહેશે. તેમજ વેચાણવેરા નોંધણી નંબર, જી.એસ.ટી નંબર મેળવી લેવાનો રહેશે.

૨૩
જીવ
કલેક્ટર, ભરૂચ.

રજી.એડી.

પ્રતિ,

શ્રી મૌની મિનરલ્સ

રે. બી-૭૨, ૩ જા માળે, શિવશક્તિ કોલોની, યુનીવર્સિટી રોડ, રાજકોટ.

પીન કોડ - ૩૬૦૦૦૫.

નકલ રવાના:-

- ૧.. મામલતદારશ્રી, નેત્રંગ, જી. ભરૂચ તરફ જાણ સારુ.
- ૨.. રોયલ્ટી ઈન્સપેક્ટરશ્રી, ભરૂચ તરફ જાણ સારુ.
- ૩.. જિલ્લા જમીન દફતર નિરીક્ષકશ્રી, ભરૂચ તરફ જાણ સારુ.
- ૪.. સર્વેયરશ્રી, ભરૂચ તરફ જાણ તેમજ રેકર્ડ પર લેવા સારુ.
- ૫.. આંકડાશાખા તરફ જાણ તેમજ રેકર્ડ પર લેવા સારુ.
- ૬.. નાઇબ કલેક્ટરશ્રી, સ્ટેમ્પ મુલ્યાંકન કચેરી, ભરૂચ તરફ જાણ તથા અરજદારશ્રી દ્વારા અરજી ક્યેવી સ્ટેમ્પ ડ્યુટી નક્કી કરી આપવા સારુ.
- ૭.. એસ.ઓ. કાઈલ.



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar 382 010

Phone : (079) 23222425

(079) 23232152

Fax : (079) 23232156

Website : www.gpcb.gov.in

By R.P.A.D.

Consent to Establish (NOC)

CTENO: 95928

NO: GPCB/ANK/CCA-1985/ID-63630/

DT: 29/10/2018

To,
M/S. MAUNI MINERALS,
PLOT NO:31,
AT:ASHNAVI, TAL:NETRANG,
DIST-BHARUCH.

SUB: Consent to Establish (NOC) under Section 25 of Water Act 1974 and Section 21 of Air Act 1981.

REF: Your NOC application No.139691 dated 15/07/2018.

Sir,

Without prejudice to the powers of this Board under the Water (Prevention and Control of Pollution) Act-1974, the Air (Prevention and Control of Pollution) Act-1981 and the Environment (Protection) Act-1986 and without reducing your responsibilities under the said Acts in anyway, this is to inform you that this Board grants **Consent to Establish (NOC)** for setting up of an industrial plant/ activities at **PLOT NO:31, AT:ASHNAVI, TAL:NETRANG, DIST: BHARUCH** to manufacture the following products. The Validity of this order will be up to **14/07/2025**.

1. The list of proposed products to be manufactured shall be as follows:

Sr. No.	Products	Quantity (MT/Month)
1	Grit	75000
2	Kapachi	
3	Machine Cut Metal	
4	Dust	

2. SPECIFIC CONDITIONS:

- Unit shall maintain ZLD.
- Unit shall not carryout any activity / production which attracts EIA Notification dated 14/09/2006 and amended thereafter without obtaining Environment Clearance for the same.
- Unit shall follow stone Crushing guideline framed by board.
- Unit shall provide Bag filter/close system in Hoppers,Hood system in crusher & vibrator, GI sheet cover in conveyer belt.

3. CONDITIONS UNDER THE WATER ACT:

- There shall be no generation and discharge of the industrial effluent from the manufacturing process and other ancillary industrial operations, Hence the unit shall strictly adhere to zero discharge.
- The quantity of total water consumption shall not exceed 5 KL/Day as per below break up as mentioned in form D submitted for consent application under Water Act- 1974.
 - Domestic: 2 KL/Day
 - Industrial: Nil
 - Gardening: 3 KL/Day

Page 1 of 3

Clean Gujarat Green Gujarat

ISO-9001-2008 & ISO-14001 - 2004 Certified Organisation

Outward No:47/2018

- 3.3 The quantity of total waste water generation shall not exceed 1.5 KL/Day as per below break up as mentioned in form D submitted for consent application under Water Act-1974.
- a) Domestic: 1.5 KL/Day
b) Industrial: Nil
- 3.4 Mode of disposal of wastewater:
a) Sewage shall be disposed off through septic tank/soak pit system.
- 3.5 Unit shall affix of water meters as per Section 4 (1) of the water (Prevention and Control of Pollution) Cess Act - 1977 for the purpose of measuring and recording the quantity of water consumed at such places as may be required, within 15 days and it shall be presumed that the quantity indicated by the meter has been consumed by the unit until the contrary is proved.
- 3.6 The GIDC drainage connection given by the GIDC for discharge of industrial effluent shall be disconnected & the outlet shall be sealed.
- 3.7 Leachate from the hazardous solid waste, if any shall also be connected into a collection tank through leachate collection facilities and shall be treated along with industrial effluent.
- 3.8 In case of incinerators & evaporator, the flow measuring devices for mother liquor/toxic effluent/ Non-biodegradable effluent, light diesel oil, Furnace oil, etc. i.e. fuel used for combustion, air used for combustion shall be separately provided. Incinerator temperature recording devices as well as gaseous flow measuring devices for scrubber shall also be provided. These data of temperature & flow should be recorded every day & submitted to GPCB on monthly basis.
- 3.9 The Board reserves the right to review and/or revoke the consent and/or make modifications in the conditions which it seems fit in accordance with provisions of the Water Act-1974.

4. CONDITIONS UNDER THE AIR ACT:

- 4.1 There shall be no use of any fuel anywhere in the manufacturing process and consequently there shall be no flue gas emission from the manufacturing process and any other ancillary industrial operation.
- 4.2 There shall be no process gas emission from the manufacturing process and any other ancillary industrial operation through various stacks/ vent of reactors, process, vessel from plant premises.
- 4.3 The concentration of the following parameters in the ambient air within the premises of the unit shall not exceed the limits specified hereunder.

Sr. No.	Parameters	Permissible Limit (microgram /M ³)	
		Annual	24 Hours Average
1.	Particulate Matter (PM ₁₀)	60	100
2.	Particulate Matter (PM _{2.5})	40	60
3.	Oxides of Sulphur (SO _x)	50	80
4.	Oxides of Nitrogen (NO _x)	40	80

- Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.
- 24 hourly or 08 hourly or 01 hourly monitored values, as applicable, shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.

Outward No: 47/2017



GUJARAT POLLUTION CONTROL BOARD

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- 4.4 Stack monitoring facilities like porthole, platform/ ladder etc., shall be provided with stacks/vents chimney in order to facilitate sampling of gases being emitted into the atmosphere.
- 4.5 All measures for the control of environmental pollution shall be provided before commencing production.
5. **CONDITIONS UNDER HAZARDOUS & OTHER WASTES (MANAGEMENT & TRANSBOUNDARY MOVEMENT) RULES, 2016:**
- 5.1 There shall be no generation of hazardous waste from the manufacturing process and any other ancillary industrial operation.
6. **GENERAL CONDITIONS:**
- 6.1 Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is at least 1000 trees per acre of land and a green belt of 5 meters width is developed.
- 6.2 Unit shall have to submit the returns in prescribed form regarding water consumption and shall have to make payment of water cess to the Board under the Water Cess Act-1977.
- 6.3 In case of change of ownership/ management the name and address of the new ownership/ partners/ directors/ proprietor should immediately be intimate to the Board. Also any change in equipment or working conditions as mentioned in the consents form/ order should immediately be intimated to this Board.
- 6.4 Unit shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gaseous emission or sewage waste from the proposed industrial plant. Unit is required to make applications to this Board for this purpose in the prescribed forms under the provisions of the Water Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986.
- 6.5 The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures including engineering control like acoustic insulation hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall conform to the standards prescribed under The Environment (Protection) Act, 1986 & Rules.
- 6.6 The concentration of Noise in ambient air within the premises of industrial unit shall not exceed following levels:
Between 6 A.M. and 10 P.M. : 75 dB(A)
Between 10 P.M. and 6 A.M. : 70 dB(A)
- 6.7 Unit is required to comply with the manufacturing, Storage and Import of Hazardous Chemicals Rules-1989 framed under the Environment (Protection) Act-1986.
- 6.8 Unit shall put up at the entrance a board displaying the name of unit, particulars of the products/ process and the name of proprietor/partners /directors of the unit and the electricity consumer number as on the record of DGVCL.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD


(G.H. TRIVEDI)
SR. ENVIRONMENT ENGINEER



गुजरात गुजरात GUJARAT

24 OCT 2018

BR 571877

रक.नं. - 019085
गीतादेन भरतकुमार थपटवाला नाम:-
बी-11/2, सोना अपार्टमेंट, उमिवाधम रोड, डेकाण्डा:
वराण, सुरत. जिन: 0221-2444100
बाल. 10/10/21
सही *M. n. d. v.* सही:

SUKHDEV EXPLOSIVES PRIVATE LIMITED
184, First Floor, A.P.M.C. Commercial Complex,
New Sardar Market, P. K. Road,
SURAT-395 010, Gujarat, INDIA.
Tel/Fax: +91-201-232 1363, 232 1650
Cell: +91-98251 33245
E-mail: sukhddev@explosives.com

A. n. d. v.

AGREEMENT

This Agreement for SUPPLY OF EXPLOSIVES FOR BLASTING OPERATIONS is made and executed on this 24th Day of October, 2018 at Surat in the state of Gujarat between:

Sukhdev Explosives Private Limited, a Private Limited Company having its registered office at 184, First Floor, APMC Commercial Complex, New Sardar Market, Puna Kumbharia Road, SURAT – 395 010 (Gujarat), and having business interest in supply of Explosives and providing Blasting Services, represented by its Chairman & Managing Director Mr. Mansukhlal Mohanlal Faldu, hereinafter referred to as: "SUPPLIER" (which term shall mean and include their heirs, successors, legal representations and/or permitted assigns, administrator) as party of the FIRST PARTY;

AND

Mauni Minerals, a Partnership Firm having its registered office at Shiv Shakti Colony, Plot No. B/72, Opp. Francis Science Laboratory, University Road, Rajkot – 3600005 (Gujarat), and hereinafter referred to as: "**CLIENT**" (which expression shall unless it be repugnant to the context or meaning thereof of deemed and mean to include her legal heirs, executors, successors and assigns) as party of the **SECOND PARTY**;

WHEREAS:

1. The CLIENT is the true owner & in lawful possession of Blasting Site situated at Block/Survey No. 31, Village: Asnavi, Taluka: Netrang, Dist.: Bharuch in the state of Gujarat (herein after referred to as "the QUARRY").
2. The SUPPLIER is in lawful possession of Explosive License in Form LE3, License Number E/HQ/GJ/22/186 (E53322) valid till dated 31/03/2022 and E/WC/GJ/22/918 (E6646) valid till dated 31/03/2021 under the Explosives Act, 1884 and Explosives Rules, 2008.
3. The CLIENT has approached the SUPPLIER to provide explosives for carrying out blasting operation for extraction of boulders at the said QUARRY.
4. Both the parties hereto having agreed their mutual terms and conditions are desirous of reducing the same into writing.

Now, Therefore, In View Of The Foregoing Premises And In Consideration Of The Mutual Covenants And Conditions Herein Set Forth, Both Parties Hereby Agree As Follows:

1. The CLIENT shall carry out drilling operation at their QUARRY at its cost and upon its completion and shall intimate the SUPPLIER of the same.
2. Upon receipt of such intimation from the CLIENT, the SUPPLIER shall supply necessary quantum of various Explosives required to be used in Blasting Operations at Clients Site. Cost of Explosives Materials will be for site delivery.
3. The SUPPLIER will provide required number of Shot Firer Permit Holder for blasting of supplied explosives to CLIENT & charges for Shot Firer Permit Holder are included in service charges.
4. Supply of required Explosive will be done through explosive Vans of SUPPLIER. The Explosive Van shall be kept at site of CLIENT under safe custody of SUPPLIER. After completion of blasting operation, the Explosive van together with left unused Explosive materials, if any, shall be returned back to SUPPLIER.
5. The CLIENT will be responsible to comply with all the local laws applicable at the location of QUARRY and any other local liability, to maintain harmony with locals and handle in case any accident occurs while the Blasting operations are being carrying out.
6. All statutory compliances with regard to the supply of explosives to the CLIENT shall be done by the SUPPLIER. However, except from providing the required explosives to the site of the CLIENT, SUPPLIER shall not be liable for any other compliance under DGMS and Mines Act or any compliance required by the District Authority or any other authority.

7. The SUPPLIER will issue two type of invoice, i.e. one for explosive supplied in field & another for service provided to CLIENT. Goods & Service Tax (GST) will be applicable at prevailing rate. Existing Goods & Service Tax (GST) is 18.00%.
8. Client shall take all safety precautions and provide adequate supervision by competent persons in order to the job safety and without damage to Personal, Explosives Vans & the environment.
9. Client will be responsible for loss/theft of supplied explosives in field or any accident happened and use of explosives in field and client will be held responsible for any consequence.
10. This agreement is conditional upon the subsistence of the license/s granted by the licensing authority in favor of the supplier in form LE3. If for any reasons such license/s is/are suspended, this agreement shall forthwith stand terminated without stand terminated without prejudice to the rights of either parties against the other prior to such termination.
11. Period of supply of explosives & blasting Service will remain unchanged till completion of the project from the date of the contract. In case of any changes in price by supplier's principal, Manufacturing Price, excise duty, freight charges, any type of taxes, levies & duties from government & semi government changes then it will be directly applicable to prices of supply of explosives in the same ratio one is to one.
12. The SUPPLIER will raise its invoice to CLIENT & CLIENT will make Hundred Percent payments by demand draft / NEFT in favor to SUPPLIER within 15 days from the date of our invoices.
13. The SUPPLIER will abide by all safety standards, specifications & practices as required by site condition and abide by CLIENT's safety cell and shall follow all safety measures required for carrying out their work as per this agreement.
14. The SUPPLIER undertakes that Ammonium Nitrate (ANFO) will not be used for Blasting Operations and shall also ensure that no Explosives or Blasting Materials will be left at quarry site and in case any material is left at quarry site then any legal consequences that may arise will be at risk & cost will in CLIENT's account.
15. The CLIENT will provide accommodation; electricity & water free off cost to SUPPLIER's Shot Firer Permit Holder.
16. SUPPLIER will take service charge from CLIENT for supply of Shot Firer Permit Holder for blasting services in field & etc.
 - a) Service charge for Explosives items will be Rs. 2 per Kilogram plus GST at applicable rate.
 - b) Service charge for Detonators items will be Rs. 2 per Numbers / Meter plus GST at applicable rate.
 - c) Service charge for Detonating Cord will be Rs. 2 per Meter plus GST at applicable rate.
17. This Agreement is subject to force Majeure conditions. No compensation shall be payable in the event of the work being stopped due to any reason beyond CLIENT's control.
18. This Agreement may be terminated by either party by giving 15 days' notice in writing without assigning any reasons.

19. In case of any court matter between CLIENT & SUPPLIER, jurisdiction place will be Surat only for this agreement.

20. This Agreement will be valid for three years from the day of signing this agreement and having deemed to be renewed with same terms contrition or mutually agreed by both the parties.

IN WITNESS WHEREOF both parties hereto have put their respective hands on this day month and year herein above mentioned in the presence of following witnesses.

SIGNED AND DELIVERED BY THE SUPPLIER

Sukhdev Explosives Private Limited

Through the hands of Chairman & Managing Director


Chairman & Managing Director



Mansukhlal Mohanlal Faldu
(Chairman & Managing Director)

In presence of: 1. Vachhani Rakem Bhai A. 2. જીવેશભાઈ રાવલ મિસ્ત્રી

SIGNED AND DELIVERED BY THE CLIENT

Mauni Minerals,

Through the hands of Partner

MAUNI MINERALS
Buddhadev & V.
Autho. Sign./Partner

Denish Vinodrai Buddhadev
(Partner)



In presence of: 1. સીદ્ધી રાજકાંત એમ. 2. જીવેશભાઈ રાવલ મિસ્ત્રી



LICENCE FORM LE-3

(See article 3(a) to (d) of Part I of Schedule IV of Explosives Rules, 2008)

Licence to possess : (c) for use, explosives of class 1, 2,3,4,5,6 or 7 in a magazine



Licence No. : E/HQ/GJ/22/186(E53322)
Annual Fee Rs:37000/-

- Licence is hereby granted to : **M/s Sukhdev Explosives Pvt. Ltd.**
184, First Floor, APMC Commercial Complex, New Sardar Market, P.K. Road, Surat-395010 (Guj.),
District-SURAT, State-Gujarat, Pincode-395010
- Status of licensee : **Company**
- Licence is valid only for the following purpose : possess for use of **Nitrate Mixture, Safety Cartridge, Detonating Fuse, Shaped Charges, Cast Booster,**
- (a) Licence is valid for the following kinds and quantity of explosives:

Sr. No.	Name and Description	Class & Division	Sub-division (If any)	Quantity at any one time
1.	Nitrate Mixture	2,0	0	16000 Kg.
2.	Cast Booster	3,2	0	2000 Kg.
3.	Safety Cartridge	6,1	0	300000 Nos.
4.	Detonating Fuse	6,2	0	50000 Mtrs.
5.	Shaped Charges	6,2	0	50000 Nos.

(b) Quantity of explosives to be purchased in a calendar month [applicable for licence under article 3(b) and (c)] : **8 (Eight) times as above.**

- The licensed premises shall conform to the following drawing(s):
Drawing No : E/HQ/GJ/22/186(E53322) dated : 18/02/2010
- The licensed premises are situated at following address:
Survey No. 334/2, Bedhuvanajik village
Police Station : Kakrapar District : TAPI
PinCode : 395010 Phone : 0261 2311650 E-Mail : sukhddev@explosives.com
- The licensed premises consist of following facilities : **a main magazine room and a lobby**
- The licence is granted subject to the provision of Explosives Act 1884 as amended from time to time and the Explosives Rules, 2008 framed there under and the conditions, additional conditions and the following Annexures.
(1) Drawings (showing site, constructional and other details) as stated in serial No. 5 above.
(2) Conditions and Additional Conditions of this licence signed by the licensing authority.
(3) Distance Form DE-2
- This licence shall remain valid till **31st day of March 2010**

8 (Eight) times as above.
कुसे-यु. वि. नि.
For C. C. E.
State : Gujarat
Fax : 0261 2321383

नवीनीकृत... 31/03/2017 तक
उप मुख्य विस्फोटक नियंत्रक, वडोदरा

This licence is liable to be suspended or revoked for any violation of the Act or Rules framed there under or the conditions of this licence as set forth under Set VIII, wherever applicable, referred to in Part 4 of Schedule V or if the licensed premises are not found conforming to the description shown in the plans and Annexure attached hereto.

नवीनीकृत 31/03/2022 तक Renewed up to 31/03/2014

The Date: 18/02/2010

Dy. Chief Controller of Explosives

Chief Controller of Explosives

Amendments :

- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 24/06/2010
- Endorsement for renewal of licence:

Date of Renewal	Date of Expiry	Signature of licensing authority
22/03/2010	31/03/2012	Sd/- Dy. Chief Controller of Explosives, Vadodra

Statutory Warning : Mishandling and misuse of explosives shall constitute serious criminal offence under the law.



LICENCE FORM LE-3
(See article 3(a) to (d) of Part I of Schedule IV of Explosives Rules, 2008)

Licence to possess : (c) for use, explosives of class 1, 2, 3, 4, 5

Licence No. : E/WC/GJ/22/918(E6646)
Annual Fee Rs:6000/-



- Licence is hereby granted to : **M/S. SUKHDEV EXPLOSIVES PVT.LTD. (Occupier : MANSUKH PATEL)**
1ST FLOOR, ADMC-COMMERCIAL COMPLEX, SURAT.,
District-, State-, Pincode -
- Status of licensee : **Company**
- Licence is valid only for the following purpose : possess for use of **Nitrate Mixture, Detonating Fuse, Electric and/or Ordinary Detonators, Safety Fuse,**
- (a) Licence is valid for the following kinds and quantity of explosives:

Sr. No.	Name and Description	Class & Division	Sub-division (If any)	Quantity at any one time
1.	Nitrate Mixture	2,0	0	1800 Kg.
2.	Detonating Fuse	6,2	0	20000 Mtrs
3.	Electric and/or Ordinary Detonators	6,3	0	44000 Nos.
4.	Safety Fuse	6,1	0	10000 Mtrs

(b) Quantity of explosives to be purchased in a calendar month [applicable for licence under article 3(b) and (c)] : **3 times as above.**

- The licensed premises shall conform to the following drawing(s):
Drawing No : E/WC/GJ/22/918(E6646) dated : 09/01/2004
- The licensed premises are situated at following address:
Survey No(s). 334/2, Block No. 82/p, Town/Village : Bedkuvanajik
Police Station : Kakrapar District : **SURAT** State : **Gujarat**
PinCode : Phone : E-Mail : Fax :
- The licensed premises consist of following facilities : **A Main Magazine with lobby and detonator room**
- The licence is granted subject to the provision of Explosives Act 1884 as amended from time to time and the Explosives Rules, 2008 framed there under and the conditions, additional conditions and the following Annexures.
(1) Drawings (showing site, constructional and other details) as stated in serial No. 5 above.
(2) Conditions and Additional Conditions of this licence signed by the licensing authority.
(3) Distance Form DE-2
- This licence shall remain valid till **31st day of March 2005**

This licence is liable to be suspended or revoked for any violation of the Act or Rules framed there under or the conditions of this licence as set forth under Set VIII, wherever applicable, referred to in Part 4 of Schedule V or if the licensed premises are not found conforming to the description shown in the plans and Annexure attached hereto.

The Date: 09/01/2004

Sd/-
Joint Chief Controller of Explosives
West Circle, Mumbai

Endorsement for renewal of licence:

Date of Renewal Date of Expiry
18/02/2011 31/03/2013

Signature of licensing authority
Dy. Chief Controller of Explosives, Vadodra

नवीजीकृत 31/03/2013 तक
उप मुख्य विस्फोटक निस्फोटक, वडोदा.

Renewed up to 31/03/2016
Dy. Chief Controller of Explosives, Vadodra

LICENCE FORM LE-7
(See article no 7 of Part 1 of Schedule IV of Explosives Rules, 2008)

Licence to : transport explosives in a road van

**LICENCE Endorsed under
107(3) of Explosives Rules, 2008**

Licence No. : E/WC/GJ/25/530(E74088)
Annual Fee Rs:2000/-


ડા. મુખ્ય વિસ્ફોટક નિયંત્રક, વડોદરા
Dy. Chief Controller of Explosives, Vadodra



1. Licence is hereby granted to : **SUKHDEV EXPLOSIVES PVT LTD (Occupier : SHRI MANSUKH M PATEL)**
**A/P 334/2, VILL BED KUWA, TAL-VYARA, DIST.TAPI,
District-TAPI, State-Gujarat, Pincode-361162**
2. Status of licensee : **Individual**
3. Particulars of the road van:

Registration No.	GJ-26-T-2164
Make and model of vehicle	M M BOLERO CAMPER
Unladen weight	1705 Kg(s)
Maximum laden weight	2705 Kg(s)
Maximum quantity of explosives permitted for transport	1000 Kg(s)
Engine No.	GHD4A59470
Chassis No.	D3A27789
Description Of Other Fittings	
Quantity Of Explosives permitted to carry	1000 Kg(s)

4. The licensed premises shall conform to the following drawing(s):
Drawing No : E/WC/GJ/25/530(E74088) dated : 06/05/2013
5. The licence is granted subject to the provision of Explosives Act 1884 as amended from time to time and the Explosives Rules, 2008 framed thereunder and the conditions and the following annexures
(a) Drawings of the road van as stated in serial no.4 above.
(b) Conditions signed by the licensing authority.
6. This licence shall remain valid till **31st day of March 2018**

This licence is liable to be suspended or revoked for any violation of the Act or rules framed there under or the conditions of this licence as set forth under , wherever applicable, referred to in Part 4 of Schedule V or if the licensed premises are not found conforming to the description shown in the plans and annexure attached hereto.

The Date: 06/05/2013


**Joint Chief Controller of Explosives
West Circle, Mumbai**

Endorsement for renewal of licence:

Date of Renewal	Date of Expiry	Signature of licensing authority
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Statutory Warning : Mishandling and misuse of explosives shall constitute serious criminal offence under the law.

નવીનીકૃત, 31/3/2023 તક

ડા. મુખ્ય વિસ્ફોટક નિયંત્રક, વડોદરા

LICENCE FORM LE-7
(See article no 7 of Part I of Schedule IV of Explosives Rules, 2008)

Licence to : transport explosives in a road van

**LICENCE Endorsed under
107(3) of Explosives Rules, 2008**

Licence No. : E/WC/GJ/25/566(E79191)
Annual Fee Rs:2000/-



1. Licence is hereby granted to : **SUKHDEV EXPLOSIVES PVT LTD (Occupier : SHRI MANSUKH M. PATEL)
334 2 BEDKUVA NAJIK, VILL KAKRAPAR VYARA, VYARA, TAPI,
District-TAPI, State-Gujarat, Pincode-394650**
2. Status of licensee : **Individual**
3. Particulars of the road van:

Registration No.	GJ-26-T-2889
Make and model of vehicle	TATA SFC 407
Unladen weight	2526 Kg(s)
Maximum laden weight	5950 Kg(s)
Maximum quantity of explosives permitted for transport	3424 Kg(s)
Engine No.	497SP67JWY645691
Chassis No.	MAT455040D8J26485
Description Of Other Fittings	
Quantity Of Explosives permitted to carry	3424 Kg(s)

4. The licensed premises shall conform to the following drawing(s):
Drawing No : E/WC/GJ/25/566(E79191) dated : 16/12/2013
5. The licence is granted subject to the provision of Explosives Act 1884 as amended from time to time and the Explosives Rules, 2008 framed thereunder and the conditions and the following annexures
- (a) Drawings of the road van as stated in serial no.4 above.
(b) Conditions signed by the licensing authority.
6. This licence shall remain valid till **31st day of March 2018**

This licence is liable to be suspended or revoked for any violation of the Act or rules framed there under or the conditions of this licence as set forth under , wherever applicable, referred to in Part 4 of Schedule V or if the licensed premises are not found conforming to the description shown in the plans and annexure attached hereto.

The Date: 16/12/2013

Shri Mansukh M. Patel
Joint Chief Controller of Explosives
West Circle, Mumbai

Endorsement for renewal of licence:

Date of Renewal	Date of Expiry	Signature of licensing authority
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Statutory Warning : Mishandling and misuse of explosives shall constitute serious criminal offence under the law.

नवीनीकृत 31-3-2018 तक

उप मुख्य विस्फोटक नियंत्रक, वडोदरा

ગુજરાત સરકાર
 હુકમ ક્રમાંક: ક્યુપીએલ/૧૦૨૦૧૯/૨૯/૭૧
 ઉદ્યોગ અને ખાણ વિભાગ
 સચિવાલય, ગાંધીનગર.
 તારીખ: /૦૫/૨૦૧૯ 10 MAY 2019

વંચાણે લીધા:-

- કમિશ્નરશ્રી, ભૂસ્તર વિજ્ઞાન અને ખનિજ કચેરીનો તા.૧૨/૦૪/૨૦૧૯ના પત્ર ક્રમાંક: સીજીએમ/લીઝ/ક્યુપી/૬૬/૧૩૨૭.
- ભૂસ્તરશાસ્ત્રીશ્રી, ભરૂચના તા.૨૬/૦૨/૨૦૧૯ના પત્ર ક્રમાંક: જાપક નં.૪૬૫.
- અરજદારશ્રી Deep Earth Movers Pvt Ltd, ભરૂચની તા.૧૯/૦૩/૨૦૧૯ની અરજી.

હુકમ:-

કમિશ્નરશ્રી, ભૂસ્તર વિજ્ઞાન અને ખનિજની કચેરીના વંચાણે લીધેલ ક્રમાંક: (૧)ના પત્રથી અરજદારશ્રી Deep Earth Movers Pvt Ltd, ભરૂચની મોજે.દેરોલ, તા.ભરૂચ, જી.ભરૂચના સર્વે નં.૭૩૦ (ખાનગી) માં ૦૧.૬૦.૫૮ હેક્ટર વિસ્તારમાંથી ૧,૫૦,૦૦૦ મે.ટન સાદી માટી ખનિજની ક્ષોરી પરમીટ આપવા વંચાણે લીધેલ ક્રમાંક: (૨)ના અનુસંધાને અભિપ્રાયસહ દરખાસ્ત કરેલ છે. આ દરખાસ્ત અન્વયે ભરપાઈ કરેલ ફી, જથ્થો, માંગણીનું સ્થળ વિગેરે નીચે મુજબ દર્શાવેલ છે.

ક્રમ	ગામ	તાલુકો	જિલ્લો	સર્વે નંબર	માંગણી વિસ્તાર (હેક્ટરમાં)	ખનિજ	માંગણી મુજબનો જથ્થો (મે.ટન)
૧	દેરોલ	ભરૂચ	ભરૂચ	૭૩૦ (ખાનગી)	૦૧.૬૦.૫૮ હેક્ટર	સાદી માટી	૧,૫૦,૦૦૦

ભરપાઈ કરેલ ફી રૂ.	ચલણ નંબર અને તારીખ	ભરપાઈ કરેલ એડવાન્સ તથા રોચલ્ટી રૂ.	ચલણ નંબર અને તારીખ
૩.૧૦,૦૦૦/-	તા.૧૧/૦૩/૨૦૧૯	-----	-----

- ઉપરોક્ત વિગતે વંચાણે લીધેલ ક્રમાંક: (૩) મુજબ અરજદારશ્રી Deep Earth Movers Pvt Ltd નો માંગણીનો હેલુ - "Construction of Eight lane Vadodara Kim Express way from Km 292.00 to Km 323.00 (Manubar to sanpa Section of Vadodara Expressway) in the State of Gujarat under NHDP Phase - VI on Hybrid Annuity Mode (Phase IA -Package III) નું કામ મળેલ હોઈ, તે કામગીરી માટે

(Handwritten signature)

અરજદારશ્રીએ ૧,૫૦,૦૦૦ મે.ટન સાદી માટીની પરમીટ મેળવવાની રજુઆત પરત્વે કમિશ્નરશ્રી, ભૂસ્તર વિજ્ઞાન અને ખનિજ કચેરીની હકારાત્મક ભલામણને ધ્યાને લઈ ગુજરાત માઈનોર મીનરલ્સ કન્સેશન રૂલ્સ, ૨૦૧૭ના નિયમ-૨૩ અનુસાર Deep Earth Movers Pvt Ltd ને મોજે.ટેરોલ, તા.ભરૂચ, જી.ભરૂચના સર્વે નં. ૭૩૦ (ખાનગી) માં ૦૧.૬૦.૫૮ હેકટર વિસ્તારમાંથી નીચે દર્શાવેલ શરતોને આધિન ૧,૫૦,૦૦૦ મે.ટન સાદી માટી ખનિજની કવોરી પરમીટ જથ્થો ઉપાડવા હેતુસર હુકમની તારીખથી ૧૮૦ દિવસની મુદ્ત માટે મંજૂરી આપવામાં આવે છે.

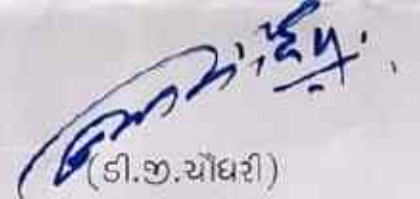
શરતો:-

૧. અરજદારે કવોરી પરમીટના નિયમોનુસાર ગુજરાત ગોળા ખનિજ છૂટછાટ નિયમ, ૨૦૧૭ ના નિયમ-૨૨-(૧)ની જોગવાઈ મુજબ એડવાન્સ રોયલ્ટી+પ્રીમીયમ+સિક્યુરીટી ડિપોઝીટ તથા ડી.એમ.એફ.ની રકમ દિન-૧૦ માં એડવાન્સ ભરવાઈ કરવાની રહેશે.
૨. ઉદ્યોગ અને ખાણ વિભાગના તા.૧૧/૧૦/૨૦૧૭ના ઠરાવ ક્રમાંક:- એમસીઆર/૧૦૨૦૧૭/એમએમ-૧૭૫૫/છ થી ગુજરાત ગોળા ખનિજ છૂટછાટ નિયમો-૨૦૧૭ અન્વયે ખનિજ રોયલ્ટી, પ્રીમીયમ, સિક્યુરીટી ડિપોઝીટ તથા ડિસ્ટ્રીક્ટ મિનરલ ફંડની ચુકવણી અંગે ઠરાવેલ પદ્ધતિ મુજબ અપનાવવાની રહેશે.
૩. કવોરી પરમીટની મુદ્ત દરમિયાન સરકારશ્રી દ્વારા રોયલ્ટી દર વધારવામાં આવશે તો, પરમીટ ધારકે આ અંગે જાહેરનામું પ્રસિદ્ધ થયા તારીખથી ૧૫ દિવસમાં વધારાની રોયલ્ટી, પરમીટ પ્રિમીયમ, સિક્યુરીટી ડિપોઝીટ અને ડિસ્ટ્રીક્ટ મિનરલ ફંડની રકમ સરકારશ્રીની રકમ ચુકવવાની રહેશે.
૪. કુલ જથ્થાના ૯૦ % ટકા જથ્થાનું ખોદકામ થાય ત્યારે જિલ્લા અધિકારીશ્રીએ ચકાસણી કરવાની રહેશે તેમજ અરજદારશ્રીએ પણ તેની તકેદારી રાખી ચકાસણી કરાવી લેવાની રહેશે અને પરમીટ કરતાં વધુ જથ્થાનું ખોદકામ ન થાય તેની કાળજી રાખવાની રહેશે.
૫. જિલ્લા અધિકારીશ્રીએ કંપની દ્વારા સદર જથ્થા માટે રજુ કરેલ હિસાબોની ચકાસણી કરવાની રહેશે તથા સ્થળતપાસ કરી ખોદેલ જથ્થો હિસાબો સાથે મળી રહે છે તેની ખરાઈ કરવાની રહેશે તથા તેનો અહેવાલ ભૂસ્તર વિજ્ઞાન અને ખનિજ કમિશ્નરશ્રીની કચેરીને રજુ કરવાનો રહેશે.
૬. ગુજરાત ગોળા ખનિજ છૂટછાટ નિયમ-૨૦૧૭ ના નિયમ-૨૩ ની તમામ શરતોનું પાલન કરવાનું રહેશે.
૭. માંગણી હેઠળના મંજૂર થયેલા નકશાવાળા વિસ્તારમાંથીજ અને મંજૂર થયેલ જથ્થા પ્રમાણેનું જ ખનિજ ખોદકામ/નિકાલ કરવાનું રહેશે.
૮. ઈ-રોયલ્ટી પાસની ફરજિયાત અમલવારી કરવાની રહેશે.
૯. પરમીટ ધારકે પરમીટ વિસ્તારના પાકા હદ નિશાન કામ પૂર્ણ કરી કચેરીને તુર્તજ ખાણ કરે અને કચેરી દ્વારા તેના હિસાબોની ચકાસણી થાય તહી ત્યાં સુધી બોર્ડ સહિત

રાખવાના રહેશે.

૧૦. પરમીટ ધારકશ્રી દ્વારા કોઈ ગેરરીતી કરવામાં આવશે તો પરમીટ આપોઆપ રદ ગણાશે.
૧૧. દરેક ટ્રક/વાહનનું ફરજિયાત વજન કરી તેની પહોંચ સાથે રાખવાની રહેશે.
૧૨. સ્થળ પર ઉપલબ્ધ જથ્થા પૈકી માંગણી કરેલ જથ્થા અનુસાર સ્થળે પ્રથમ માપણી/સર્વે કરી પરમીટના જથ્થા અનુસાર સ્પષ્ટ હદ નક્કી કરી નકશા સુપ્રત કર્યા બાદ ખોદકામ શરૂ કરવાનું રહેશે.
૧૩. સરકારશ્રીની વખતો વખતની સૂચનાઓનું પાલન કરવાનું રહેશે.

ગુજરાત રાજ્યપાલશ્રીના હુકમથી અને તેમના નામે,


(ડી. જી. ચૌધરી)
નાયબ સચિવ
ઉદ્યોગ અને ખાણ વિભાગ

પ્રતિ, (આર.પી.એ.ડી.દ્વારા)

M/S Deep Earth Movers Pvt.Ltd,
K-39, B.I.D.C Estate,
Opp.Jyoti Switchgears,
Gorwa, Vadodara-390016

નકલ રવાના:-

- કમિશ્નરશ્રી, ભુસ્તર વિજ્ઞાન અને ખનિજની કચેરી, બ્લોક નં. ૧, ૭મો માળ, ઉદ્યોગભવન, ગાંધીનગર.
- ભુસ્તરશાસ્ત્રીશ્રી, ભુસ્તરશાસ્ત્રીશ્રીની કચેરી, ભુસ્તર વિજ્ઞાન અને ખનિજ ખાતુ, ૧૧૫, જિલ્લા સેવા સદન, બીજો માળ, કલ્યાણીવગા, ભરૂચ.
- એન કોડ સોલ્યુશન, ઉદ્યોગભવન, ગાંધીનગર (ઈ-પાસની કાર્યવાહી અર્થે)
- પસંદગી ફાઇલ છ.૧

FORM E (GRANT ORDER)
FORMAT OF QUARRY PERMIT
(See rule 22(1))

Quarry Permit No : QP1601012205

Application No. : PA160101108

BHARUCH Office

Date : 02/02/2019

Whereas Shri SWASTIK CONTRACTORS & ENG. (RINAKL M PATEL) applied for grant of quarry permit for excavation and removal of metric tonnes of 20000.00 (Ordinary Clay) from Survey No. 395 (POND) of Village PADARIYA Taluka BHARUCH District BHARUCH Under rule 21 of the Gujarat Minor Mineral Concession Rules, 2017 and has paid an application fee of rupees 5000.00 pursuant to the requirements of rule 22(1) of the Gujarat Minor Mineral Concession Rules, 2017. Accordingly, permission is hereby granted to the above applicant to quarry, win and remove 20000.00 metric tonnes of (Ordinary Clay) from the aforesaid area more fully described below on the following condition.

Village PADARIYA

Boundaries	
On North : AS PER MAP	On West : AS PER MAP
On South : AS PER MAP	On East : AS PER MAP

Co-Ordinates	
Latitude	Longitude
21.53.14.480	72.57.28.570
21.53.13.970	72.57.26.900
21.53.15.780	72.57.26.540
21.53.17.010	72.57.78.120

(as shown in the detailed plan along with the co-ordinates annexed with the application)

Village	Taluka	District	Survey No	Field Area (Approx. in Hectares)	Mineral	Quantity (metric tonne)
PADARIYA	BHARUCH	BHARUCH	395 (POND)	Govt. Area 0.83.05	Ordinary Clay	20000.00

Payment to be done by Applicant	
Particulars	Total Amount (in Rs.)
Royalty	500000
Permit Premium	250000
Security Deposit	75000
DMF	50000
TCS	15000

- This permit shall be activated by concerned District Geologist / Asst. Geologist on successful payment mentioned above. The validity of the permit shall be 45 days from the date of activation.

2. The depth of the pit below the surface shall not exceed six metres.
3. This permit is non-transferable. No other mineral except that for which the permit is granted shall be excavated or removed without proper sanction being obtained from the officer authorised of the Government.
4. When the mining of ninety per cent of the quantity of the mineral is finished, the quarry permit holder shall inform the District Geologist/ District Assistant Geologist and then, the District Geologist/ District Assistant Geologist shall carry out an inspection of the mining area. Even the quarry permit holder should be vigilant enough to be alert to get the inspection on time. The quarry permit holder should be careful to take precautions not to dig or to mine more mass than what is permitted to him.
5. The quarry permit holder should adhere to all terms and conditions pertaining to quarry permit stated under the Gujarat Minor Mineral Concession Rules 2017.
6. The quarry permit holder should dig out and transport the allowed mineral only from the permitted areas of the quarry within the limits of quantity endorsed under this permit.
7. The quarry permit holder should implement and maintain the procedure of transit permit or the equivalent mandatorily.
8. If any other minor or major mineral is found during quarrying operations, it shall be reported to the officer authorised of the Government within a week's time after such discovery.
9. The permit holder shall maintain complete and correct accounts of the minerals excavated, quantity removed from the permit area, wages paid and royalty and other charges leviable for this purpose.
10. The permit holder shall allow the District Geologist/ District Assistant Geologist to verify the books of accounts maintained in relation to the mining of the said mineral. The District Geologist/ District Assistant Geologist should also visit the site in question, to tally the amount of quantity actually dug out with the amount of quantity mentioned in the books of accounts of the permit holder. Then, the facts found during the inspection shall be reported to the Commissioner of Geology and Mining by the District Geologist/ District Assistant Geologist.
11. In the event that the royalty rates are increased by the Government during the tenure of the quarry permit, the permit holder shall pay to the Government, within fifteen days of the date of such notification, the additional royalty, permit premium, security deposit and district mineral foundation contribution amounts.
12. The permit holder shall not commence any quarrying operations without obtaining all applicable environmental clearances for the area.
13. The permit holder shall allow the District Geologist/ District Assistant Geologist to enter and inspect, at any time, the quarrying and mining operations.
14. The permit holder shall immediately report all accidents to the officer authorised of the Government and the District magistrate and the District Superintendent of police of the district in which the permit area is situated.
15. The permit holder shall have no right over the quarry material and other property lying in the permit area after the expiry of the permit.
16. The permit holder shall not cut or damage any trees without prior sanction and without payment of compensation therefore as may be fixed by the Divisional forest Officer or such officer authorised by him in this behalf.
17. If any excess quantity over that permitted quantity is found to be removed, the permit holder shall be liable to pay the amount equal to the value of mineral so removed and shall be liable for punishment under the provisions of the Indian Penal Code, 1860 and the Gujarat Minor Mineral Concession Rules, 2017.
18. If any breach of these conditions or the provisions of section 15 and section 23C is detected, this permit shall be terminated and the material lying on the site will be seized and dealt with in accordance with applicable laws.
19. Every transportation vehicle of the said mineral should have to be weighed and the receipt of weighing should have to be kept safely on record, mandatorily by the permit holder.

20. As soon as the removal of the material granted under the permit is over, the permit holder shall furnish to the District Geologist/ District Assistant Geologist a complete statement showing the quantities removed, details of transport and usage, parties to whom this material has been sold and prices obtained therefor, and shall produce any details, books etc. for the scrutiny to the District Geologist/ District Assistant Geologist as may be called for by him/
21. After submission of the information contemplated vide para 20 above, District Geologist/ District Assistant Geologist shall visit the area for which permit was given within fifteen days and conduct such survey as may be deemed appropriate to check compliance with the terms of the relevant quarry permit. The said officer shall thereafter submit his report within fifteen days of aforesaid survey to the Commissioner of Geology and Mining
22. The findings pursuant to para 21 above shall be factored in for determining the final settlement with the quarry permit holder.

C Note of Proceed by Collector


District Collector

BHARUCH

Date

- CC to - Sarpanchshri Village - KELOD, Taluka - BHARUCH
- Mamlatdarshri Ta - BHARUCH
- Surveyor, Geology and mining dept.

QP-98

FORM E (GRANT ORDER)
FORMAT OF QUARRY PERMIT
(See rule 22(1))

Quarry Permit No : QP1601014613
Application No. : PA160101658

Permit No. 112/2019

BHARUCH Office
Date : 08/04/2019

Whereas Shri SAGAR INFRASTRUCTURE applied for grant of quarry permit for excavation and removal of metric tonnes of 100000.00 (Ordinary Clay) from Survey No. 500 of Village PIPALIYA Taluka BHARUCH District BHARUCH Under rule 21 of the Gujarat Minor Mineral Concession Rules, 2017 and has paid an application fee of rupees 10000.00 pursuant to the requirements of rule 22(1) of the Gujarat Minor Mineral Concession Rules, 2017. Accordingly, permission is hereby granted to the above applicant to quarry, win and remove 100000.00 metric tonnes of (Ordinary Clay) from the aforesaid area more fully described below on the following condition.

Village PIPALIYA

Boundaries	
On North :	On West :
On South :	On East :

Co-Ordinates	
Latitude	Longitude
21.49.47.000	72.56.48.000
21.49.47.760	72.56.51.770
21.49.46.460	72.56.51.660
21.49.46.200	72.56.46.270


(as shown in the detailed plan along with the co-ordinates annexed with the application)

Village	Taluka	District	Survey No	Field Area (Approx. in Hectares)	Mineral	Quantity (metric tonne)
PIPALIYA	BHARUCH	BHARUCH	500	Pvt. Area 03.54.45	Ordinary Clay	100000.00

Payment to be done by Applicant	
Particulars	Total Amount (in Rs.)
Royalty	2500000
Permit Premium	1250000
Security Deposit	375000
DMF	250000
TCS	75000

1. This permit shall be activated by concerned District Geologist / Asst. Geologist on successful payment mentioned above. The validity of the permit shall be 180 days from the date of activation.
2. The depth of the pit below the surface shall not exceed six metres.
3. This permit is non-transferable. No other mineral except that for which the permit is granted shall be excavated or removed without proper sanction being obtained from the officer authorised of the Government.
4. When the mining of ninety per cent of the quantity of the mineral is finished, the quarry permit holder shall inform the District Geologist/ District Assistant Geologist and then, the District Geologist/ District Assistant Geologist shall carry out an inspection of the mining area. Even the quarry permit holder should be vigilant enough to be alert to get the inspection on time. The quarry permit holder should be careful to take precautions not to dig or to mine more mass than what is permitted to him.
5. The quarry permit holder should adhere to all terms and conditions pertaining to quarry permit stated under the Gujarat Minor Mineral Concession Rules 2017.
6. The quarry permit holder should dig out and transport the allowed mineral only from the permitted areas of the quarry within the limits of quantity endorsed under this permit.
7. The quarry permit holder should implement and maintain the procedure of transit permit or the equivalent mandatorily.
8. If any other minor or major mineral is found during quarrying operations, it shall be reported to the officer authorised of the Government within a week's time after such discovery.
9. The permit holder shall maintain complete and correct accounts of the minerals excavated, quantity removed from the permit area, wages paid and royalty and other charges leviable for this purpose.
10. The permit holder shall allow the District Geologist/ District Assistant Geologist to verify the books of accounts maintained in relation to the mining of the said mineral. The District Geologist/ District Assistant Geologist should also visit the site in question, to tally the amount of quantity actually dug out with the amount of quantity mentioned in the books of accounts of the permit holder. Then, the facts found during the inspection shall be reported to the Commissioner of Geology and Mining by the District Geologist/ District Assistant Geologist.
11. In the event that the royalty rates are increased by the Government during the tenure of the quarry permit, the permit holder shall pay to the Government, within fifteen days of the date of such notification, the additional royalty, permit premium, security deposit and district mineral foundation contribution amounts.
12. The permit holder shall not commence any quarrying operations without obtaining all applicable environmental clearances for the area.
13. The permit holder shall allow the District Geologist/ District Assistant Geologist to enter and inspect, at any time, the quarrying and mining operations.
14. The permit holder shall immediately report all accidents to the officer authorised of the Government and the District magistrate and the District Superintendent of police of the district in which the permit area is situated.
15. The permit holder shall have no right over the quarry material and other property lying in the permit area after the expiry of the permit.
16. The permit holder shall not cut or damage any trees without prior sanction and without payment of compensation therefore as may be fixed by the Divisional forest Officer or such officer authorised by him in this behalf.

17. If any excess quantity over that permitted quantity is found to be removed, the permit holder shall be liable to pay the amount equal to the value of mineral so removed and shall be liable for punishment under the provisions of the Indian Penal Code, 1860 and the Gujarat Minor Mineral Concession Rules, 2017.
18. If any breach of these conditions or the provisions of section 15 and section 23C is detected, this permit shall be terminated and the material lying on the site will be seized and dealt with in accordance with applicable laws.
19. Every transportation vehicle of the said mineral should have to be weighed and the receipt of weighing should have to be kept safely on record, mandatorily by the permit holder.
20. As soon as the removal of the material granted under the permit is over, the permit holder shall furnish to the District Geologist/ District Assistant Geologist a complete statement showing the quantities removed, details of transport and usage, parties to whom this material has been sold and prices obtained therefor, and shall produce any details, books etc., for the scrutiny to the District Geologist/ District Assistant Geologist as may be called for by him.
21. After submission of the information contemplated vide para 20 above, District Geologist/ District Assistant Geologist shall visit the area for which permit was given within fifteen days and conduct such survey as may be deemed appropriate to check compliance with the terms of the relevant quarry permit. The said officer shall thereafter submit his report within fifteen days of aforesaid survey to the Commissioner of Geology and Mining.
22. The findings pursuant to para 21 above shall be factored in for determining the final settlement with the quarry permit holder.


Additional Director (Dev)
(Office of Geology and Mining)

Date : 8/4/19

CC to - Sarpanchshri Village - PIPALIYA, Taluka - BHARUCH
- Mamlatdarshri Ta. - BHARUCH
- Surveyor, Geology and mining dept.