

PIL/DVE30/AE/198/2021

Date: 09.12.2021

To,

**Team Leader**

M/s. L. N. Malivya Infra Project Pvt. Ltd.  
100 B, Vittalesh Apartment,  
Near Utsav Banglows,  
Bamroli Road Area, Godhra  
E-mail id: - Inmipplgodhra@gmail.com

**Project:** Construction of Eight Lane access-controlled expressway from junction with SH-175 near Baletiya village of Panchmahal district to junction with SH-63 near Pratap Nagar village of Vadodara district (Ch.803+420 to 824+920; design Ch.351+000 to Ch.372+500) section of Delhi-Vadodara Greenfield Alignment (NH-148N) on EPC Mode under Bharatmala Pariyojana in the State of Gujarat Package-30.

**Subject:** Submission of Monthly Progress Report for the month of November, 2021 of Pkg. DVE-30

**Ref:** 1. EPC Contract Agreement executed on date 11.12.2021  
2. Article- 11.7 of EPC Contract Agreement

Dear Sir,

With reference to the above cited subject and Contractual obligation of Article-11.7 of EPC contract agreement executed on date 11.12.2020, we are herewith submitting the monthly progress report for the month of November, 2021 for your information & records please.

Thanking you,  
Yours faithfully,  
For, Patel Infrastructure Ltd.

  
Authorized Signatory

Encl.: 03 Copy of MPR.

**Copy to:- General Manager (T)/Project Director, NHAI, PIU – Godhra, 13, Haidry Society, Civil Lines Road, Godhra -389001, Panchmahal (Gujarat).**

**Patel Infrastructure Limited**

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सड़क परिवहन और राजमार्ग मंत्रालय  
MINISTRY OF ROAD TRANSPORT & HIGHWAYS  
भारत सरकार  
Government of India



## National Highway Authority of India

(Ministry of Road Transport & Highways Government of India)

Construction of Eight Lane access-controlled expressway from junction with SH-175 near Baletiya village of Panchmahal district to junction with SH-63 near Pratap Nagar village of Vadodara district (Ch. 803+420 to 824+920; design Ch. 351+000 to Ch. 372+500) section of Delhi – Vadodara Greenfield Alignment (NH-148N) on EPC Mode under Bharatmala Pariyojana in the State of Gujarat Vadodara District [PKG-30]

### MONTHLY PROGRESS REPORT

NOVEMBER'2021



**Client**

**National Highway Authority of India**



**Authority Engineer**

**L.N.Malviya Infra Projects Pvt. Ltd**

**PATEL**<sup>®</sup>  
Every Milestone is our Value

**EPC Contractor**

**PATEL INFRASTRUCTURE LTD**



**Project-**

Delhi – Vadodara Greenfield Alignment (Pkg. No-30) from Ch.351+000 to Ch. 372+500.

REPORT #

MPR-03/Nov, 2021



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## 1 Abbreviations

Abbreviations	Meaning
3A / 3D	Clause of Land Acquisition
AASHTO	American Association of State Highway and Transport Officials
Abt	Abutment
SMA	Stone Mastic Asphalt
DBM	Dense Bituminous Macadam
CBR	California Bearing Ratio Test
C&G	Clearing and Grubbing
Ch	Chainage
Cm	Centimeter
C/s	Cross-Section
Cum	Cubic Meter
CW	Carriageway
DFO	District Forest Officer
Dia	Diameter
DPR	Detailed Project Report
Emb	Embankment
EPC	Engineering Procurement Construction
Exc	Excavation
FST	Final Setting Time
GFC	Good for Construction
GSB	Granular Sub Base
HP	Hume Pipe
Ht	Height
Hyd	Hydraulic
AE	Authority Engineer
IS	Indian Standard



Abbreviations	Meaning
IST	Initial Setting Time
JV	Joint Venture
Kg	Kilogram
Km	Kilometer
LHS	Left Hand Side
LL	Liquid Limit
Ltr	Liter
M	Meter
M	Mix
M/s	Messer's
MB	Minor Bridge
MDD	Maximum Dry Density
Misc	Miscellaneous
Mm	Millimeter
MJB	Major Bridge
MNB	Minor Bridge
MORT&H	Ministry of Road Transport & Highways
NA	Not Applicable
NH	National Highway
NHAI	National Highway Authority of India
NOC	No Objection Certificate
Nos	Numbers
°C	Centigrade
OGL	Original Ground Level
OMC	Optimum Moisture Content
PCC	Plain Cement Concrete
PI	Plastic Index
PD	Project Director



Abbreviations	Meaning
PHE	Public Health and Environment
PL	Plastic Limit
PSC	Pre-stressed Concrete
PTR	Pneumatic Tire Roller
PUP	Pedestrian Underpass
Pvt. Ltd.	Private Limited
QC	Quality Control
RBI	Reserve Bank of India
RE	Reinforced Earth
RCC	Reinforced Cement Concrete
RHS	Right Hand Side
ROB	Road over Bridge / Rail over Bridge
ROW	Right Of Way
Rs.	Rupees
Sec	Section
SG	Sub-Grade
T	Tone
TMT	Thermo Mechanically Treated
TBM	Temporary Bench Mark
TPH	Tones Per Hour
VUP	Vehicular Underpass
W	Watt
WMM	Wet Mix Macadam



## 2 Salient Features of the Project

### 2.1 Introduction:-

<b>Name of the Project</b>	–	Construction of Eight Lane access-controlled expressway from junction with SH-175 near Baletiya village of Panchmahal district to junction with SH-63 near Pratap Nagar village of Vadodara district (Ch. 803+420 to Ch. 824+920; Design Ch. 351+000 to Ch. 372+500) section of Delhi - Vadodara Greenfield Alignment (NH-148N) on EPC Mode under Bharatmala Pariyojana in the State of Gujarat.(Pkg-30)
<b>Name of Client</b>	–	National Highway Authority of India
<b>Name of Independent Engineer</b>	–	L N Malviya Infra Projects Pvt.Ltd.
<b>Name of EPC Contractor</b>	–	M/S Patel Infrastructure limited
<b>Design Consultant</b>	–	<b>Highway Works-</b> Aartav Engineering Pvt.Ltd. <b>Structure Works-</b> Consulting Engineers Group Ltd.
<b>Proof Consultant</b>	–	Sparsh Engineering Co. (P) Ltd.
<b>Safety Consultant</b>	–	SES Pvt Ltd.
<b>LOA Issued</b>	–	05 <sup>th</sup> October,2020
<b>Date of Signing of Concession Agreement</b>	–	11 <sup>th</sup> December,2020
<b>Appointed Date</b>	–	08 <sup>th</sup> September,2021
<b>Construction Period</b>	–	730 Days
<b>Schedule Completion Date</b>	-	07 <sup>th</sup> September,2023
<b>Maintenance Period</b>	–	10 Years
<b>Project Cost</b>	–	Rs.850.79 Crores

## 2.2 Scope of work:-

- |   |   |  |
|---|---|--|
| a) Main Carriageway Length                | = | 21.5 Km  |
| b) Service/Slip Road Length               | = | 2.28 Km  |
| c) Major Bridge                           | = | 07 Nos. MJBs at:   |
|   |   | 1. 352+281<br>(18x35+2x25+2x35+1x66+1x63+1x66+<br>2x35+1x25+22x35+1x25+1x45&<br>18x35+1x25+2x35+1x66+1x63+1x66+<br>2x35+2x25+22x35+1x25+1x45=1880<br>mtr)                                  |
|   |   | 2. 355+789 (3 x 35.0=105 mtr)  |
|   |   | 3. 358+050 (4 x 25.0=100 mtr)  |
|   |   | 4. 359+936 (5 x 25.0=125 mtr)  |
|   |   | 5. 361+839 (1 x 62.0=62 mtr)   |
|   |   | 6. 365+593 (2 x 50=100 mtr)  |
|   |   | 7. 370+879 (1 x 40=40 mtr)   |
| d) Vehicular Underpass (VUP)              | = | 01 Nos.  |
| e) Small Vehicular Underpass (SVUP)       | = | 03 Nos.  |
| f) Light Vehicular Underpass (LVUP)       | = | 06 Nos.  |
| g) Minor Bridge (MNB)                     | = | 03 Nos.  |
| h) Box Culverts (BC)                      | = | 54 Nos. (34 in CA, + 20 additional)  |
| i) Project Facilities (Schedule C) :      |   |  |
| i. Road Side Furniture                    | = | EPC contractor shall provide-Kilometer and hectometer Stones, Road Signs, Road Marking, Road Delineators, Solar Studs, Crash Barriers, Boundary Wall etc.as per schedule B and Schedule D. |
| ii. Wayside Amenities                     | = | 02 Nos.  |
| iii. Truck Parking Area                   |   |  |
| iv. Pedestrian Facilities/Cattle Crossing |   |  |
| v. Lighting                               | = | EPC contractor shall provide lighting as per Schedule B.   |
| vi. Environmental Management Plan         |   |  |
| vii. Land Scaping & tree plantation       | = | Contractor shall plant trees and shrubs Of required numbers and types at the appropriate locations within ROW and in land embarked by authority for afforestation as per Schedule B.       |
| viii. ATMS                                | = | Advanced traffic management system shall be provided as per schedule D   |
| ix. Utilities                             | = | In the locations where distance between two culverts is more than 1 Km utility duct will be provided.  |
| x. Rain water harvesting                  | = | EPC contractor shall provide rain water Harvesting as per Schedule B.  |



### 3 Executive Summary

The Ministry of Road Transport & Highways through National Highways Authority of India is engaged in the development of National Highways and as part of this endeavor, it has been decided to undertake Construction of Delhi Mumbai Expressway total 1352 km of expressways and includes construction of about 844 km long Delhi - Vadodara Expressway proposed to be implemented under Engineering Procurement Construction mode (EPC) contracts. The proposed Main Expressway passes through the states of Haryana, Rajasthan, Madhya Pradesh and Gujarat. The total length of the proposed expressway is about 844 km is a Greenfield alignment.

**Project Network and Importance:-** The project corridor apart from connecting Madhya Pradesh Border, Garoth, Jaora, Ratlam, Pancherla, Godhra, and Mandsaur- Vadodara. It provides connectivity to the urban areas, tourist locations and Irrigation project along it. These centres are to become crucial given the likely high level of investments getting attracted in the future. The project corridor, which passes through and near from Delhi, Haryana, Rajasthan, Madhya Pradesh and Gujarat state are characterized by the presence of districts that are the major economic drivers of the state. Apart from connectivity considerations, the development of this corridor has been perceived to be important from the perspective of enhanced mobility levels of people, and with time more importantly in terms of direct benefits to the community by the way of Vehicle operating time and Vehicle operating cost savings, towards achieving development on our alignment.

M/S Patel Infrastructure Ltd (the "EPC Contractor") has been awarded the stretch "from junction with SH-175 near Baletiya village of Panchmahal district to junction with SH-63 near Pratap Nagar village of Vadodara district (Ch. 803+420 to 824+920; design Ch. 351+000 to Ch. 372+500) section of Delhi – Vadodara Greenfield Alignment (NH-148N) on EPC Mode under Bharatmala Pariyojana in the State of Gujarat ("the Project") through International Competitive Bidding.

The scope of work broadly construction of new 8 lane Expressway, Construction of Service Roads/Slip Roads/Connecting Roads, Construction of Major and Minor bridges, Vehicular Underpass, Culverts, Road Intersections, Drains, Road side facilities etc.

The project road is a section of Delhi-Vadodara Eight Lane access-controlled Expressway, which starts at design chainage 351+000 near Baletiya village and terminates at design chainage 372+500 near Pratap Nagar village. Total length of Project Road is 21.500 Km.

## 4 Technical Specification

- Pavement Width of Carriageway (8 lane) : 15.00 m
- Pavement Width of Carriageway (8lane) : 18.75m  
With paved shoulder
- Pavement Width of Slip road (in 2 lane) : 9.50 m  
With paved shoulder
- Thickness of Flexible Pavement : As per Approved Pavement Design
- Type of Foundation in Structures : Open Foundations/Pile Foundations
- Type of Super Structures : PSC Girder/Composite Steel Girders

## 5 Abstract of the progress report

### 5.1 Status of Highways:

Summarized progress of highway works are as below: -

Sl. No.	Work Activity	Unit	Total Qty.	Completed up to Previous month (Km.)	Completed during this month (Km.)	Completed till date (Km.)	In Progress to (Km.)	Balance to taken-up(Km.)
1	C&G	MCW	Km	75.452	25	0.9	25.9	49.552
		SR	Km	2.28			0	2.28
2	Earthwork up to Subgrade top	MCW	Km	75.452	2.8		2.8	67.452
		SR	Km	2.28			0	2.28
3	Sub-Base Course	MCW	Km	75.452			0	75.452
		SR	Km	2.28			0	2.28
4	Non Bituminous Base	MCW	Km	75.452			0	75.452
		SR	Km	2.28			0	2.28
5	Bituminous Base Course	MCW	Km	75.452			0	75.452
		SR	Km	2.28			0	2.28
6	Wearing Coat	MCW	Km	75.452			0	75.452
		SR	Km	2.28			0	2.28

\* Total Length of Project Road considering the work on LHS & RHS of the Road excluding the Length of Structures above progress shown as chart as subheading **Expressway Progress Chart 1**

## 5.2 Status of Structures:-

Summarized Progress of Structure Work Is As Below–

Sr. No.	Description	Unit	Project Scope	Completed	Work in Progress	Remarks
1	Major Bridge	Nos	7		2	
2	Minor Bridge	Nos	3			
3	SVUP	Nos	3		1	
4	LVUP	Nos	6		3	
5	VUP	Nos	1			
6	Box Culvert	Nos	54	10	2	
	<b>Total</b>	<b>Nos</b>	<b>74</b>	<b>10</b>	<b>8</b>	

\* Strip Chart Showing Progress of Structure work is shown as subheading Structure Strip Chart 1

## 5.3 Financial Progress:-

Sl. No.	Financial progress till last month	%age Financial progress till last month	Financial progress for this month	Cumulative financial progress up to this month	% age Cumulative Financial progress up to this month	Remarks
	(cr.)	(%)	(cr.)	(cr.)	(%)	
1	11.33	1.33%	-	11.33	1.33%	AD.08.09.2021

## 5.4 Physical Progress:-

Sl. No.	Physical progress till last month	Physical progress for this month	Cumulative Physical progress up to this month	Remarks
	(%)	(%)	(%)	
1	1.43%	0.54%	1.97%	AD.08.09.2021



### 5.5 Financial Planned Target/Achievement:-

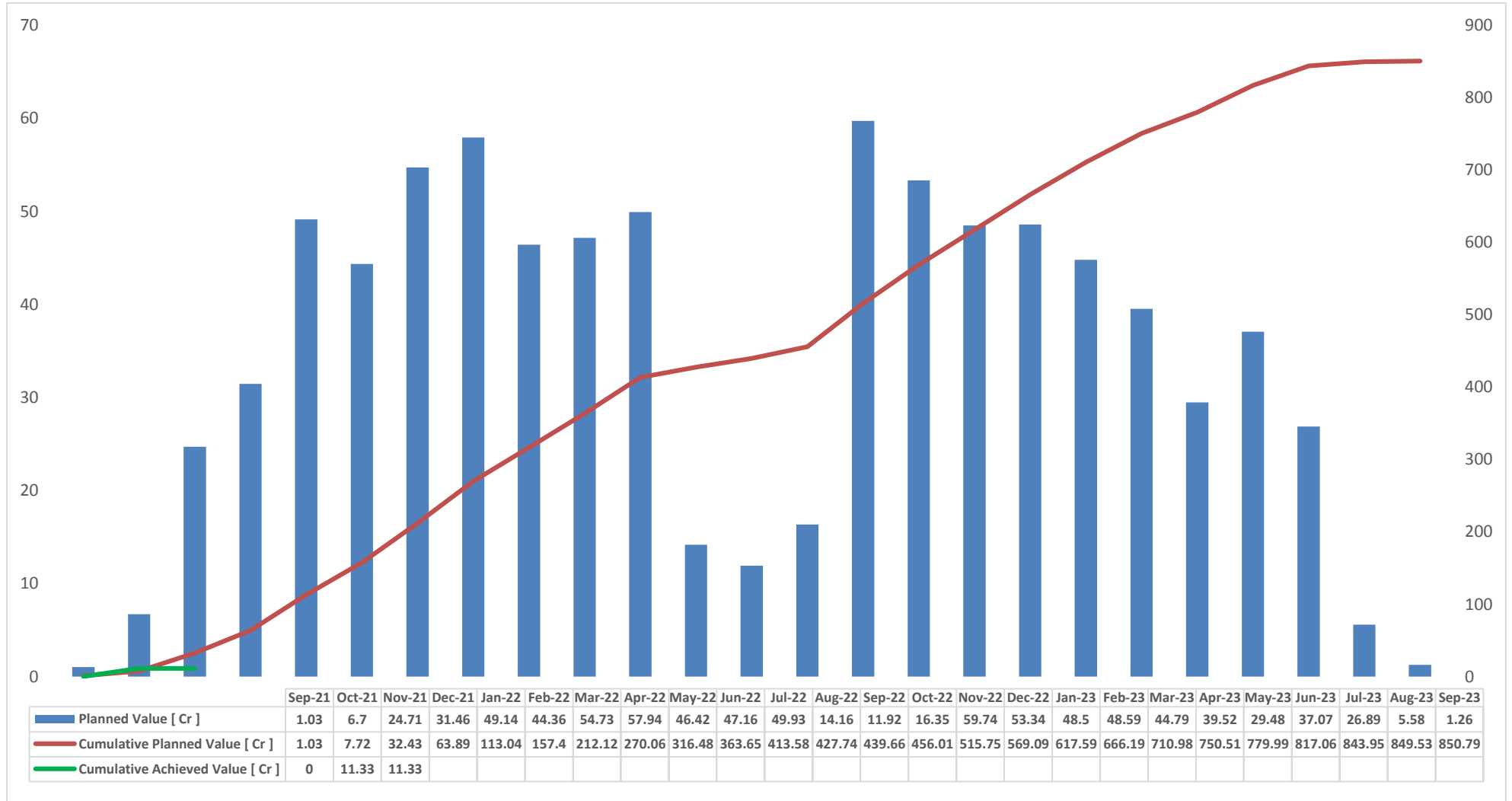
We have submitted the project construction program and cash flow. We are attaching the month wise target upto September 2023.

Sr No.	Months	Planned Value [ Cr ]	Cumulative Planned Value [ Cr ]	Achieved Value [ Cr ]	Cumulative Achieved Value [ Cr ]	Remarks
1	Sep-21	1.03	1.03	-	0	Ad 08.09.2021
2	Oct-21	6.7	7.72	11.33	11.33	
3	Nov-21	24.71	32.43	-	11.33	
4	Dec-21	31.46	63.89			
5	Jan-22	49.14	113.04			
6	Feb-22	44.36	157.4			
7	Mar-22	54.73	212.12			
8	Apr-22	57.94	270.06			
9	May-22	46.42	316.48			
10	Jun-22	47.16	363.65			
11	Jul-22	49.93	413.58			
12	Aug-22	14.16	427.74			
13	Sep-22	11.92	439.66			
14	Oct-22	16.35	456.01			
15	Nov-22	59.74	515.75			
16	Dec-22	53.34	569.09			
17	Jan-23	48.5	617.59			
18	Feb-23	48.59	666.19			
19	Mar-23	44.79	710.98			
20	Apr-23	39.52	750.51			
21	May-23	29.48	779.99			
22	Jun-23	37.07	817.06			
23	Jul-23	26.89	843.95			
24	Aug-23	5.58	849.53			
25	Sep-23	1.26	850.79			



### 5.6 S-CURVE:-

DELHI-VADODARA EXPRESSWAY PKG-30]-[S-CURVE-FINANCIAL PROGRESS AS PER SCH-H.





## 6 Critical Issues of the Project:-

There are showing critical issues/obstructions of the project:-

Sr.no.	Issues	Description	Remarks
1	Land Acquisition	51.12 % Land Cleared yet Details are attached in Hindrance Summary & Hindrance Chart	
2	Obstruction	Some permanent structure (Religious, Home, water tank etc.) are locate at site details are attached in hindrance list. Need to support of local administration to remove.	
3	SSNL Permission	Drawings & Design with methodology of structure which is cross SSNL canal has submitted. Awaiting for work permission.	
4	COS for Water Pipe line shifting	There are several Nos location where UGPL and 4 Nos location where GWSS underground water pipe line has observed. Shifting work for this line are to be considered in COS as per contract Agreement.	
5	HT Line Shifting	GETCO & Adaani Estimates awaited.	



## 7 Status of Land Acquisition & Utility shifting

### 7.1 Details of Land Acquisition- Hindrance/ Possession

Sr. No.	Chainage		Block / Survey Number	Area in Hec of 3G Land	Length (Km)	Hindrance Length (Km)	Date of Land Hand over / Physical Possession Received / Force Possession	Hindrances Description
	From	To						
1	351+000	352+200	Tehsil- Derol	Kalol Village	1.200	0.030		Temple, Home, Underground water Pipe Line & Payment Issues of Land
			235	0.4237			7-Jul-21	Physical Possession Received
			237	0.2834			7-Jul-21	
			238	0.5692				Inheritance in Process
			256	0.0067				
			239	0.1931				3 Person Died Varsai is Pending
			242	0.0567				
			245	0.1512				
			240	0.1888			7-Jul-21	Physical Possession Received
			243	0.0833			7-Jul-21	
			244	0.2248			5-Jul-21	Physical Possession Received
			255	0.0081				Document Pending
			246	0.2812			5-Jul-21	Physical Possession Received
			378	0.0132			5-Jul-21	Physical Possession Received
			383	0.2776			5-Jul-21	
			379	0.0282			5-Jul-21	
			309	0.0716			5-Jul-21	
			747	0.3402			5-Jul-21	
			380	0.1951				Payment Pending From CALA Office
			385	0.0283				Payment Pending From CALA Office, Land is Mortgage
			386	0.1074				Case Paper Preparation in Process
			382	0.4214			5-Jul-21	Physical Possession Received
			387	0.0303			5-Jul-21	Physical Possession Received
			392	0.0745			5-Jul-21	Physical Possession Received
			388	0.159			5-Jul-21	Physical Possession Received
			390	0.1863			5-Jul-21	Physical Possession Received
			389	0.0026			5-Jul-21	Physical Possession Received
			391	0.0037				Land Mortgage
			381	0.241			06-08-2021	Payment Pending From CALA Office
			319	0.116			5-Jul-21	Physical Possession Received
			316	0.1106			5-Jul-21	
			363	0.0992			5-Jul-21	
			370	0.2306			5-Jul-21	
			369	0.2875			5-Jul-21	
			368	0.197			5-Jul-21	Physical Possession Received
			371	0.2225			5-Jul-21	Physical Possession Received
			364	0.1087			5-Jul-21	Physical Possession Received



Sr. No.	Chainage		Block / Survey Number	Area in Hec of 3G Land	Length (Km)	Hindrane Length (Km)	Date of Land Hand over / Physical Possession Received / Force Possession	Hindrances Description
	From	To						
			365	0.3795			4-Aug-21	Physical Possession Received
			367	0.1457			4-Aug-21	Physical Possession Received
			366	0.1909			4-Aug-21	
			350	0.468			4-Aug-21	Physical Possession Received
			349	0.0065			06-08-2021	Death Inheritance is Pending
			315	0.0163			06-08-2021	
			345	0.0707			06-08-2021	Shankuben is not ready to sign on Paper
			310	0.1024			4-Aug-21	Physical Possession Received
			311	0.208			5-Jun-21	Physical Possession Received
			308	0.0702			5-Jun-21	Physical Possession Received
			314	0.2396			5-Jun-21	Physical Possession Received
			312	0.1746			5-Jun-21	Physical Possession Received
			313	0.1795			5-Jun-21	Physical Possession Received
			323	0.3066			5-Jun-21	Physical Possession Received
			322	0.0315			5-Jun-21	Physical Possession Received
			288	0.074			5-Jun-21	Physical Possession Received
			286	0.1198			5-Jun-21	Physical Possession Received
			287	0.1235			5-Jun-21	
			750	0.2032			5-Jun-21	
			318	0.0165			18-Oct-21	Physical Possession Received
			317	0.2041			18-Oct-21	Physical Possession Received
			284	0.1416			18-Oct-21	Physical Possession Received
			285	0.1589			18-Oct-21	Physical Possession Received
			281	0.0195			18-Oct-21	Physical Possession Received
			282	0.0012			18-Oct-21	
			279	0.0129				Payment Pending From CALA Office
			326	0.0232			5-Jul-21	Physical Possession Received
			283	0.3392			06-08-2021	Payment Pending From CALA Office
			746	0.1962			5-Jul-21	Physical Possession Received
			748	0.0912			5-Jun-21	Physical Possession Received
			749	0.0536			5-Jun-21	
			755	0.4661			5-Jun-21	
			751	0.009				Payment Pending From CALA Office
			740	0.3664			7-Jul-21	Physical Possession Received
			741	0.1591			7-Jul-21	Physical Possession Received
			745	0.552			5-Jul-21	Physical Possession Received
			742	0.2211			5-Jul-21	Physical Possession Received
			743	0.1947			5-Jul-21	Physical Possession Received
			744	0.1394			5-Jul-21	Physical Possession Received
			403	0.2046			5-Jul-21	Physical Possession Received
			396	0.1883			5-Jul-21	
			405	0.009			5-Jul-21	Physical Possession Received





Sr. No.	Chainage		Block / Survey Number	Area in Hec of 3G Land	Length (Km)	Hindrane Length (Km)	Date of Land Hand over / Physical Possession Received / Force Possession	Hindrances Description
	From	To						
			395	0.4213			5-Jul-21	Physical Possession Received
			397	0.1123			5-Jul-21	Physical Possession Received
<b>2</b>	<b>352+ 200</b>	<b>353+ 600</b>	<b>Tehsil- Sama</b>	<b>Kalol</b>	<b>Village</b>	<b>1.400</b>	<b>0.088</b>	<b>Temple, Home, Underground water Pipe Line &amp; Payment Issues of Land</b>
			889	0.0075			5-Jun-21	Physical Possession Received
			761	0.0473				Owner is Out of India
			764	0.0148			5-Jun-21	Physical Possession Received
			784	0.2862			5-Jun-21	
			956	0.1013			5-Jun-21	
			957	0.2168			5-Jun-21	
			763	0.0034				Death inheritance left. Mathurbhai Kalidas.
			762	0.1504			5-Jun-21	Physical Possession Received
			955	0.0022			5-Jun-21	
			787	0.0351				Payment Pending From CALA Office
			785	0.2441			5-Jun-21	Physical Possession Received
			922	0.4535			5-Jun-21	
			965	0.0414			5-Jun-21	
			786	0.088			5-Jun-21	Physical Possession Received
			765	0.0399			5-Jun-21	Physical Possession Received
			783	0.1928			5-Jun-21	Physical Possession Received
			959	0.2443			5-Jun-21	Physical Possession Received
			958	0.3005			19-Jul-21	Physical Possession Received
			918	0.0692			19-Jul-21	
			968	0.196			19-Jul-21	
			964	0.1716			19-Jul-21	
			782	0.0442			19-Jul-21	
			923	0.1169			19-Jul-21	Inheritance Pending
			954	0.1035				
			920	0.0072			23-Sep-21	Physical Possession Received
			961	0.02			23-Sep-21	
			960	0.1794			23-Sep-21	Physical Possession Received
			963	0.1358			23-Sep-21	Physical Possession Received
			962	0.0681			23-Sep-21	Physical Possession Received
			919	0.0728			23-Sep-21	
			967	0.0253			23-Sep-21	Physical Possession Received
			917	0.014			18-Oct-21	Physical Possession Received
			916	0.006			18-Oct-21	
			969	0.0532			18-Oct-21	
			879	0.1787			18-Oct-21	Physical Possession Received
			881	0.0089			18-Oct-21	Physical Possession Received
			880	0.0839			18-Oct-21	Physical Possession Received
			873	0.2678			18-Oct-21	



Sr. No.	Chainage		Block / Survey Number	Area in Hec of 3G Land	Length (Km)	Hindrane Length (Km)	Date of Land Hand over / Physical Possession Received / Force Possession	Hindrances Description
	From	To						
			878	0.1367			18-Oct-21	Physical Possession Received
			876	0.211			18-Oct-21	
			93	0.1882			18-Oct-21	Physical Possession Received
			866	0.6373			18-Oct-21	
			867	0.9746			18-Oct-21	
			877	0.2327			18-Oct-21	Physical Possession Received
			875	0.116			4-Aug-21	Physical Possession Received
			92	0.3211			4-Aug-21	Physical Possession Received
			865	0.1346			4-Aug-21	
			96	0.2087			4-Aug-21	Physical Possession Received
			95	0.4208			14-Sep-21	
			94	0.5662			6-Oct-21	
			864	0.1049			6-Oct-21	Physical Possession Received
			874	0.3277			6-Oct-21	
			933	0.2111			6-Oct-21	Physical Possession Received
			932	0.0636			5-Jun-21	Physical Possession Received
			931	0.0436				Land in Dispute. Payment Stopped
			930	0.001				
			872	0.0646				Document not submit
			871	0.243			19-Jul-21	Physical Possession Received
			869	0.002			19-Jul-21	Physical Possession Received
			870	0.0664			19-Jul-21	Physical Possession Received
			109	0.3548			19-Jul-21	Physical Possession Received
			85	0.1513			19-Jul-21	
			110	0.0159			14-Sep-21	Physical Possession Received
			86	0.1595			14-Sep-21	Physical Possession Received
			88	0.0218			14-Sep-21	Physical Possession Received
<b>3</b>	<b>353+600</b>	<b>355+800</b>	<b>Tehsil- Kalol Bhadroli Bujurg</b>	<b>Village</b>	<b>2.200</b>	<b>0.271</b>		<b>Temple, Home, Underground water Pipe Line &amp; Payment Issues of Land</b>
			952	0.0844			14-Sep-21	Physical Possession Received
			977	0.0007			20-01-2021	Physical Possession Received
			968	0.3173			12-01-2021	Physical Possession Received
			969	0.078				Inheritance Pending
			970	0.0772			12-01-2021	Physical Possession Received
			973	0.2521			18-10-2021	Physical Possession Received
			971	0.009				Documents Pending
			974	0.4072			06-10-2021	Physical Possession Received
			960	0.015				Inheritance Pending
			962	0.006				Entry no certified
			436	0.0208			05-07-2021	Physical Possession Received
			435	0.2144			12-01-2021	Physical Possession Received
			965	0.0377				Death is in Dispute
			964	0.1962				



Sr. No.	Chainage		Block / Survey Number	Area in Hec of 3G Land	Length (Km)	Hindrane Length (Km)	Date of Land Hand over / Physical Possession Received / Force Possession	Hindrances Description
	From	To						
			963	0.3272				
			420	0.1718			5-Jun-21	Physical Possession Received
			419	0.2674			5-Jun-21	Physical Possession Received
			418	0.5995			20-01-2021	Physical Possession Received
			417	0.3861			12-01-2021	Physical Possession Received
			403	0.016			12-01-2021	Physical Possession Received
			404	0.0943				Documents still Pending
			416	0.2908			12-01-2021	Physical Possession Received
			392	0.0623			12-01-2021	Physical Possession Received
			406	0.1841			12-01-2021	
			407	0.157			12-01-2021	Physical Possession Received
			396	0.2326			12-01-2021	Physical Possession Received
			397	0.0931			12-01-2021	
			405	0.2227			5-Jun-21	Physical Possession Received
			385	0.0512				Land Acquired More than Award
			387	0.0389				
			388	0.2795			12-01-2021	Physical Possession Received
			394	0.2317			12-01-2021	Physical Possession Received
			395	0.451			21-01-2021	Physical Possession Received
			393	0.1315			28-09-2021	Physical Possession Received
			391	0.1114			28-01-2021	Physical Possession Received
			408	0.0297			24-08-2021	Physical Possession Received
			414	0.0573				Payment Pending at CALA
			415	0.1098			24-05-2021	Physical Possession Received
			431	0.0015			05-07-2021	Physical Possession Received
			432	0.1667			05-07-2021	
			433	0.2339			28-01-2021	Physical Possession Received
			449	0.2888			28-01-2021	
			434	0.4706			12-01-2021	Physical Possession Received
			447	0.0264			12-01-2021	Physical Possession Received
			448	0.5080			12-01-2021	Physical Possession Received
			351	0.1572			5-Jun-21	Physical Possession Received
			350	0.2064			12-01-2021	Physical Possession Received
			349	0.3208			12-01-2021	
			312	0.1458			28-01-2021	Physical Possession Received
			313	0.1476			28-01-2021	
			311	1.429			28-01-2021	
			230	0.3237			28-01-2021	
			239	0.4249			28-01-2021	
			314	0.3098			12-01-2021	Physical Possession Received
			315	0.0217				Documents Pending
			348	0.6327			06-08-2021	Force possession but not received
			347	0.2872			15-07-2021	Physical Possession Received



Sr. No.	Chainage		Block / Survey Number	Area in Hec of 3G Land	Length (Km)	Hindrane Length (Km)	Date of Land Hand over / Physical Possession Received / Force Possession	Hindrances Description
	From	To						
			346	0.0251			06-08-2021	Physical Possession Received
			306	0.4037				Death is in dispute
			305	0.0133				Documents Pending
			310	0.1018			20-10-2021	Physical Possession Received
			364	0.8662			20-01-2021	Physical Possession Received
			229	0.1275			12-01-2021	Physical Possession Received
			366	0.2529			5-Jun-21	Physical Possession Received
			367	0.172			12-06-2021	Physical Possession Received
			365	0.8191			12-06-2021	Physical Possession Received
			228	0.3245			12-06-2021	Physical Possession Received
			231	0.1616				Payment Pending From CALA Office
			238	0.3166			12-06-2021	Physical Possession Received
			235	0.4916			12-06-2021	Physical Possession Received
			236	0.55			06-08-2021	Physical Possession Received
			237	0.0232			06-08-2021	Inheritance Pending
			369	0.1394			20-10-2021	Physical Possession Received
			954	0.2713			02-08-2021	Physical Possession Received
			976	0.3265			02-08-2021	
			955	0.0603				Documents Pending
			975	0.4691				
			946	0.0084			28-09-2021	Payment Pending From CALA Office
			951	0.1292				
			953	0.2529			02-02-2021	Physical Possession Received
			950	0.1494			02-02-2021	Physical Possession Received
			947	0.205			02-02-2021	Physical Possession Received
			949	0.3661			20-01-2021	Physical Possession Received
			948	0.0008			02-02-2021	Physical Possession Received
			307	0.2353			20-10-2021	Physical Possession Received
			450	0.0979			02-02-2021	Physical Possession Received
<b>4</b>	<b>355+800</b>	<b>356+900</b>	<b>Tehsil- Kalol Village Bakrol</b>		<b>1.100</b>	<b>0.226</b>		<b>Temple, Home, Underground water Pipe Line &amp; Payment Issues of Land</b>
			1386	0.0155			02-02-2021	Physical Possession Received
			1391	0.1441			14-10-2020	Physical Possession Received
			1395	0.1467			12-06-2021	Physical Possession Received
			1394	0.1645			20-01-2021	Physical Possession Received
			1393	0.1623			12-01-2021	Physical Possession Received
			1396	0.1477			02-02-2021	Physical Possession Received
			1397	0.3				Inheritance not certified
			1398	0.0791			05-07-2021	Physical Possession Received
			1401	0.0181			15-07-2021	Physical Possession Received
			1621	0.4319				Payment Pending at CALA
			1642	0.3672			14-10-2020	Physical Possession Received
			1641	0.3314			02-02-2021	Physical Possession Received



Sr. No.	Chainage		Block / Survey Number	Area in Hec of 3G Land	Length (Km)	Hindrane Length (Km)	Date of Land Hand over / Physical Possession Received / Force Possession	Hindrances Description
	From	To						
			1643	0.0592			02-02-2021	
			1657	0.0925			02-02-2021	
			1644	0.1205			20-01-2021	Physical Possession Received
			1645	0.1187			07-08-2021	Inheritance Pending but Possession Paper signed
			1658	0.1533			12-06-2021	Physical Possession Received
			1662	0.161			07-08-2021	Disputed Land but Possession Paper signed
			1661	0.0802			12-01-2021	Physical Possession Received
			1665	0.2422			02-02-2021	Physical Possession Received
			1666	0.2457			02-02-2021	
			1667	0.3451			02-02-2021	
			1668	0.2214				Inheritance Pending
			1669	0.4898			12-06-2021	Physical Possession Received
			1670	0.0393				Inheritance Pending
			1671	0.2279			02-02-2021	Physical Possession Received
			1672	0.004				Documents Pending
			1673	0.1071				
			1674	0.3747			02-02-2021	Physical Possession Received
			1675	0.653			14-10-2020	Physical Possession Received
			1676	0.3525			20-01-2021	Physical Possession Received
			1680	0.1568				Payment Pending From CALA Office
			1681	0.0189			19-01-2021	Physical Possession Received
			1717	0.0703				Payment Pending From CALA Office
			1718	0.3888			5-Jun-21	Physical Possession Received
			1719	0.0553				Payment Pending From CALA Office
			1720	0.133			12-01-2021	Physical Possession Received
			1725	0.0542			02-02-2021	Physical Possession Received
<b>5</b>	<b>356+900</b>	<b>358+900</b>	<b>Tehsil- Kalol Ratanpura</b>	<b>Village</b>	<b>2.000</b>	<b>0.705</b>		<b>Temple, Home, Underground water Pipe Line &amp; Payment Issues of Land</b>
			655	0.2488			02-02-2021	Physical Possession Received
			505	0.2125			09-10-2020	Physical Possession Received
			503	0.0033			12-10-2021	Inheritance Pending
			504	0.0144			14-10-2020	Physical Possession Received
			508	0.0083			14-10-2020	Physical Possession Received
			506	0.1619			02-02-2021	Physical Possession Received
			509	0.243			19-10-2020	Physical Possession Received
			514	0.6966			09-10-2020	Physical Possession Received
			513	0.1695			22-01-2021	Physical Possession Received
			66	0.2827			09-10-2020	Physical Possession Received
			31	0.2212			14-10-2020	Physical Possession Received
			37	0.0378			22-10-2020	Physical Possession Received
			64	0.2803			22-10-2020	



Sr. No.	Chainage		Block / Survey Number	Area in Hec of 3G Land	Length (Km)	Hindrance Length (Km)	Date of Land Hand over / Physical Possession Received / Force Possession	Hindrances Description
	From	To						
			65	0.3844			22-10-2020	
			32	0.3174			22-10-2020	
			39	0.1755			22-10-2020	
			38	0.0949			22-10-2020	
			33	0.0179			09-10-2020	Physical Possession Received
			34	0.0185			09-10-2020	Physical Possession Received
			36	0.3491			09-10-2020	Physical Possession Received
			35	0.928			09-10-2020	Physical Possession Received
			25	0.2107			09-10-2020	Physical Possession Received
			24	0.1526			09-10-2020	Physical Possession Received
			23	0.6758			22-01-2021	Physical Possession Received
			18	0.183			22-01-2021	Physical Possession Received
			17	0.2125			22-01-2021	Physical Possession Received
			21	0.0032			12-10-2021	Payment Pending From CALA Office
			15	0.0011			09-10-2020	Physical Possession Received
			12	0.0069			12-10-2021	Disputed Land but Possession Paper signed
			16	0.3695			09-10-2020	Physical Possession Received
			48	0.0196			12-10-2021	Documents Pending
			19	0.0588				Payment Pending From CALA Office
			22	0.4271			22-10-2020	Physical Possession Received
			94	0.05			12-10-2021	Documents Pending
			9	0.0374			09-10-2020	Physical Possession Received
			95	0.1276			09-10-2020	Physical Possession Received
			97	0.0109			12-10-2021	Documents Pending
			98	0.0193			12-10-2021	Documents Pending
			96	0.4049			19-10-2020	Physical Possession Received
			103	0.2467			09-10-2020	Physical Possession Received
			104	0.9822			12-10-2021	Payment Pending From CALA Office
			107	0.4666			09-10-2020	Physical Possession Received
			106	0.0577			09-10-2020	Physical Possession Received
			108	0.4605			09-10-2020	Physical Possession Received
			109	0.4606			06-10-2021	Physical Possession Received
			110	0.2219			06-10-2021	Physical Possession Received
			111	0.2751			14-10-2020	Physical Possession Received
			112	0.3031			5-Jun-21	Physical Possession Received
			195	0.0107			5-Jun-21	Physical Possession Received
			198	0.3339			5-Jun-21	Physical Possession Received
			194	0.0744			12-10-2021	Documents Pending
			197	0.7089			14-10-2020	Physical Possession Received
			199	0.141			14-10-2020	Physical Possession Received
			528	0.2738			14-10-2020	Physical Possession Received
			527	0.5088			04-08-2021	Physical Possession Received



Sr. No.	Chainage		Block / Survey Number	Area in Hec of 3G Land	Length (Km)	Hindrance Length (Km)	Date of Land Hand over / Physical Possession Received / Force Possession	Hindrances Description
	From	To						
			519	0.652			19-10-2020	Physical Possession Received
			526	0.0064			19-10-2020	
			518	0.0384			19-10-2020	Physical Possession Received
			512	0.0394			12-10-2021	Owner Not Found
			515	0.8771			19-07-2021	Physical Possession Received
			643	0.0383			19-10-2020	Physical Possession Received
			517	0.0004				Documents Pending
			650	0.1319			19-10-2020	Physical Possession Received
			651	0.0781			19-10-2020	Physical Possession Received
			652	0.2745			19-10-2020	
			654	0.2283			19-10-2020	Physical Possession Received
<b>6</b>	<b>358+900</b>	<b>362+300</b>	<b>Tehsil- Kalol Nevariya</b>	<b>Village</b>	<b>3.400</b>	<b>0.890</b>		<b>Temple, Home, Underground water Pipe Line &amp; Payment Issues of Land</b>
			100	0.0432			19-10-2020	Physical Possession Received
			101	0.236			12-10-2021	Land is Sale to other person
			111	0.497			5-Jun-21	Physical Possession Received
			116	0.06			12-06-2021	Physical Possession Received
			12	0.2122			22-01-2021	Physical Possession Received
			13	0.8416			19-10-2020	Physical Possession Received
			133	0.0684			23-09-2021	Physical Possession Received
			135	0.2119			14-09-2021	Physical Possession Received
			170	0.8357			12-01-2021	Physical Possession Received
			171	0.6166			12-10-2021	Physical Possession Received
			201	0.0221			12-10-2021	Inheritance is pending, but Possession Paper signed
			202	1.0456			06-10-2021	Physical Possession Received
			216	0.1304			12-10-2021	Physical Possession Received .
			218	0.1804			12-10-2021	Physical Possession Received
			226	0.0461			14-09-2021	Physical Possession Received
			227	1.015			25-11-2021	Physical Possession Received
			239	0.6739			25-11-2021	Physical Possession Received
			240	0.255			25-11-2021	
			253	0.5462			06-10-2021	Physical Possession Received
			254	0.1234			07-08-2021	Physical Possession Received
			257	0.1216			12-10-2021	Document Pending
			265	0.7738			12-10-2021	Payment Pending From CALA Office
			267	1.0481			18-10-2021	Physical Possession Received
			4	0.0893			19-07-2021	Physical Possession Received
			424	0.0461			05-07-2021	Physical Possession Received
			428	0.116			14-09-2021	Physical Possession Received
			429	0.0696			12-10-2021	Document Pending but Possession Paper signed
			466	0.2725			23-09-2021	Physical Possession Received



Sr. No.	Chainage		Block / Survey Number	Area in Hec of 3G Land	Length (Km)	Hindrane Length (Km)	Date of Land Hand over / Physical Possession Received / Force Possession	Hindrances Description
	From	To						
			467	0.2167			07-08-2021	Physical Possession Received
			468	0.3433			07-08-2021	Physical Possession Received
			469	0.2462			07-08-2021	
			470	0.3472			05-07-2021	Physical Possession Received
			471	0.5671			12-10-2021	Documents Pending but Possession Paper signed
			472	0.2394			12-01-2021	Physical Possession Received
			5	0.4285			12-06-2021	Physical Possession Received
			74	0.1183			10-07-2021	Physical Possession Received
			75	0.5242			12-01-2021	Physical Possession Received
			76	0.4345			7-Jul-21	Physical Possession Received
			77	0.053			12-01-2021	Physical Possession Received
			96	0.1787			12-01-2021	
			97	0.6782			7-Jul-21	Physical Possession Received
			98	0.9442			09-11-2021	Physical Possession Received
7	362+300	362+900	Tehsil- Savli Kambola Village		0.600	0.000		<b>Temple, Home, Underground water Pipe Line &amp; Payment Issues of Land</b>
			93/1	1.1296			12-01-2021	Physical Possession Received
			93/2				12-01-2021	
			94	1.0115			12-01-2021	Physical Possession Received
			96/1	0.0014				Payment Pending From CALA Office but Possession Paper signed
			96/2 Paiki 1	1.2769			06-08-2021	Physical Possession Received
			96/2 Paiki 2				17-08-2021	Payment Pending From CALA Office but Possession Paper signed
			96/3/ba/1	1.0337			17-08-2021	Physical Possession Received
			96/3/ba/2	0.0046			17-08-2021	Physical Possession Received
			96/3/a	0.6176				Payment Pending From CALA Office but Possession Paper signed
			96/5	1.2088				Documents Pending for reserve Measurement
			96/6	0.0067			12-01-2021	Physical Possession Received
			91paiki 2	0.1145			17-08-2021	Payment Pending From CALA Office but Possession Paper signed
8	362+900	365+400	Tehsil- Savli Village Mal Ankaliya		2.500	2.400		<b>Temple, Home, Underground water Pipe Line &amp; Payment Issues of Land</b>
			150	1.0627				Death (M.P) lives in Madhya Pradesh
			158	0.6299				Payment done but Possession not received
			159	2.0548				There is a question of jantri. And the measurement goes to the tube well as well.
			160	0.0064				There is a question of jantri.
			163/6	0.5036				There is a question of jantri.
			164	0.2778				There is a question of jantri.





Sr. No.	Chainage		Block / Survey Number	Area in Hec of 3G Land	Length (Km)	Hindrane Length (Km)	Date of Land Hand over / Physical Possession Received / Force Possession	Hindrances Description
	From	To						
			165	0.7999				There is a question of jantri.
			167/1A pai	5.2421				Payment done but Possession not received (Principal Civil court)
			167/1 ba				6-Aug-21	
			167/2 pai				6-Aug-21	
			167/1	0.2854				There is a question of jantri.
			168/1	0.1857				3 There is a question of death as well as death.
			168/2	0.0746				There is a question of jantri.
			168/3	0.0542				There is a question of jantri.
			187	0.1679				There is a question of jantri.
			188	0.6841				There is a question of jantri.
			189	0.6237				There is a question of jantri.
			207	0.2406				There is a question of jantri.
			208	0.3417				There is the question of death as well as measurement and jantri.
			209	0.7693				
			211/1 / 211/2	0.3276				There is a question of jantri.
			212/1	1.0929				There is a question of jantri.
			212/2	0.454				Death is a tube well bush room. As well as the question of Jantri.
			213	0.148				
			245/1	0.0422				There is a question of jantri.
			251/1	0.4891				There is a question of jantri.
			256/2	0.2524				
			251/3	0.1491				There is a question of jantri.
			251/5	0.1177				
			251/4	0.3449				
			251/2	0.0063				There is a question of jantri.
			252	0.434				There is a question of jantri.
			253	1.0179				There is a question of jantri.
			254	0.5358				Lives in Vadodara. Jantri no question.
			256/1	0.4909				
			255	0.7953				Lives in Vadodara. Jantri no question.
			256/3	0.0173				There is the question of the jantri and the bush.
			259	0.2608				There is a question of jantri.
			288	0.0484				Payment Deposit in court Possession not received
			289	0.2738				There is a question of jantri.
			290	0.2987				
			291	0.4555				
			292/4	0.0535				Applicants not found.
			210	0.0569				There is a jantri and a tube well.
			149/3	0.0175				There is a question of jantri.
			149/4	0.0426				There is a question of jantri.



Sr. No.	Chainage		Block / Survey Number	Area in Hec of 3G Land	Length (Km)	Hindrane Length (Km)	Date of Land Hand over / Physical Possession Received / Force Possession	Hindrances Description
	From	To						
			150/1	1.9866				Payment done but Possession not received
			150/2					
			150/3					
			150/3 Pai 1					
			150/3 pai 2					
			157	0.033				Payment done but Possession not received
			158	0.4998		27-Aug-21		
			160	0.0066				There is a question of jantri.
			159 paiki	2.2738				There is a question of jantri.
			164	0.8006				There is a question of jantri.
			165 paiki	0.2449				Lives in Vadodara.
			167/1 a paiki	0.0358				Payment Deposit in court Possession not received
			167/1 ba			6-Aug-21		
			167/2 paiki			6-Aug-21		
			187	0.0063				There is a question of jantri.
			191/1 paiki 1	0.1554				There is a question of jantri. And there are tress here.
			260/a	0.7478				
			260/ba					
<b>9</b>	<b>365+400</b>	<b>368+100</b>	<b>Tehsil- Savli Ranipura</b>	<b>Village</b>	<b>2.700</b>	<b>2.400</b>		<b>Temple, Home, Underground water Pipe Line &amp; Payment Issues of Land</b>
			102	0.0111				Death of Kashiben Amar Singh. Savli Gujarat State.co.O Bank's burden Rs.1,00,000 / - Corporation Bank Kalol's burden Rs.6,00,000, / ..
			104/1	0.2177				Payment Pending From CALA Office Back to Baroda (BOB) burden. Rs.1,50,000 / - Survey No. 102/1/7 has collected the area of Vanrajsinh Manubhai which is really different.
			105	0.249			5-Jun-21	Physical Possession Received
			106	0.3845			06-08-2021	Physical Possession Received
			107	0.3642			12-01-2021	Physical Possession Received
			108 Paiki 1	0.2627			5-Jun-21	Physical Possession Received
			110	0.5246			5-Jun-21	Physical Possession Received
			110/1/a	0.0609				The land goes over. Re-survey Done measurement sheet awaited
			111	0.3322			5-Jun-21	Physical Possession Received
			112	0.1687				The land goes over. Re-survey Done measurement sheet awaited
			112/1	0.0048				Documents Pending
			161	0.0336			5-Jun-21	Physical Possession Received
			162/1	0.0042			5-Jun-21	Physical Possession Received
			162/2	0.1331				Documents Pending
			165	0.4151			06-08-2021	Physical Possession Received



Sr. No.	Chainage		Block / Survey Number	Area in Hec of 3G Land	Length (Km)	Hindrane Length (Km)	Date of Land Hand over / Physical Possession Received / Force Possession	Hindrances Description
	From	To						
			166	0.1019			5-Jun-21	Physical Possession Received
			168	0.0435			27-08-2021	Physical Possession Received
			169	1.2486			5-Jun-21	Physical Possession Received
			170	0.3058			5-Jun-21	Physical Possession Received
			171	0.245			5-Jun-21	Physical Possession Received
			181/1	0.216			22-05-2021	The land goes from 182/2.
			182	0.8066			06-08-2021	Physical Possession Received
			183	0.2732			5-Jun-21	Physical Possession Received
			184	0.0833			5-Jun-21	Physical Possession Received
			184/1	0.2178			05-07-2021	
			185	0.0126				Document Pending
			190	0.1135			5-Jun-21	Physical Possession Received
			195	0.0764			5-Jun-21	Physical Possession Received
			197	0.2015			5-Jun-21	
			198	0.5561			5-Jun-21	Physical Possession Received
			199	0.2623			12-06-2021	Physical Possession Received
			202	0.4553			05-07-2021	Physical Possession Received
			203/2	0.4047				Document Pending
			204	0.0207			05-07-2021	Physical Possession Received
			220	0.3511			5-Jun-21	Physical Possession Received
			230	0.2786			5-Jun-21	
			231	0.7393			5-Jun-21	Physical Possession Received
			232/a	0.0703			05-07-2021	Physical Possession Received
			233/a	0.8661			5-Jun-21	Physical Possession Received
			27/3/Ba	0.1053			5-Jun-21	Physical Possession Received
			27/6/ba	0.1953			12-06-2021	Physical Possession Received
			31/a	0.013			05-07-2021	Physical Possession Received
			32	0.2083			05-07-2021	Physical Possession Received
			33	0.7792			05-07-2021	Physical Possession Received
			52/13/3	0.0203				Gu.Saf.Bank.Savli no Burden 1001 Vav The Burden Of The Society Is Rs.500 / -.
			52/25 paiki 1	2.187				Bank of India Sammanlaya's burden of Rs. 4,01,000 / -.
			52/25 paiki 1 paiki 1					
			52/25 paiki 2					
			52/26/a paiki 1	2.1351			1-Oct-20	Physical Possession Received
			585	0.1235				Document Pending
			61	0.0098			1-Oct-20	Physical Possession Received
			65	0.4611			1-Oct-20	Physical Possession Received
			73	0.6928			1-Oct-20	Physical Possession Received
			109/a	0.0612			06-08-2021	Physical Possession Received
			163	0.0691			1-Oct-20	Physical Possession Received



Sr. No.	Chainage		Block / Survey Number	Area in Hec of 3G Land	Length (Km)	Hindrane Length (Km)	Date of Land Hand over / Physical Possession Received / Force Possession	Hindrances Description
	From	To						
			168/2	0.0489			27-08-2021	Physical Possession Received
			169 paiki	0.0338			5-Jun-21	Physical Possession Received
			170	0.0066			5-Jun-21	Physical Possession Received
			174/a/ paiki 1	0.366			5-Jun-21	Physical Possession Received
			174/a/ paiki 2		5-Jun-21			
			174/ba	0.2672				Burden of central bank halol Rs.3000/-
			182	0.0637				Society's burden of Rs.600 / -.
			184/1	0.0387			5-Jun-21	Physical Possession Received
			196	0.2569			5-Jun-21	Physical Possession Received
			203/1	0.1056				Burden of central bank halol Rs.3000/-
			203/2					
			204	0.0463			5-Jun-21	Physical Possession Received
			245	0.0045				Documents Pending
			52/12/a	0.0061				Documents Pending
			63/1/1	0.2514				Payment Pending From CALA Office Measuring anew.
			63/1/2		Payment Pending From CALA Office The land does not go away in 63/1/2			
<b>10</b>	<b>368+100</b>	<b>370+500</b>	<b>Tehsil- Savli Village Nani Bhadol</b>		<b>2.400</b>	<b>2.300</b>		<b>Temple, Home, Underground water Pipe Line &amp; Payment Issues of Land</b>
			611	0.0039			5-Jun-21	Physical Possession Received
			612	0.5822				Not awarded according to calendar.
			613	0.2529				
			622	0.0059			5-Jun-21	Physical Possession Received
			624	0.8531				Documents Pending
			632	1.1852				
			625/1	0.4458			5-Jun-21	Physical Possession Received
			625/2	0.0255			5-Jun-21	Physical Possession Received
			625/7	0.8348				Not awarded according to calendar.
			625/8	0.3593			5-Jun-21	Physical Possession Received
			633	0.2119				Document Pending
			634	0.0001				
			636/1	1.8683				Document Pending
			636/2	0.0706				Document Pending
			637	0.3571				Document Pending
			638	1.3876				Document Pending
			638/1	1.056				Document Pending
			640/10	0.0743			5-Jun-21	Physical Possession Received
			640/11	0.0592				Document Pending
			640/12	0.0131				



Sr. No.	Chainage		Block / Survey Number	Area in Hec of 3G Land	Length (Km)	Hindrane Length (Km)	Date of Land Hand over / Physical Possession Received / Force Possession	Hindrances Description
	From	To						
			640/9	0.3672				
			640/13	0.264				Document Pending
			640/6	0.5832			5-Jun-21	Physical Possession Received
			640/8	0.534			14-10-2020	Physical Possession Received
			641	0.6927			14-10-2020	Physical Possession Received
			641/1	0.7596			5-Jun-21	Physical Possession Received
			642	0.1167				Document Pending
			642/3	0.5842				Document Pending
			642/4	0.4037				Document Pending
			642/5	0.2529				
			642/6	0.3136				
			642/7	0.639			5-Jun-21	Physical Possession Received
			642/8/1/2	1.2755				Document Pending
			643/4	0.6346				Document Pending
			643	2.4716			10-07-2021	Physical Possession Received
			623/A	0.027			10-07-2021	Physical Possession Received.
			623/B	0.3652			10-07-2021	
			625/pai/1	1.2755				Document Pending
			625/pai/2					
			625/1					
			625/2					
			625/3					
			625/3/1					
			625/4					
			625/6					
			625/7					
			625/8					
			625/5					
			631/A	0.5653			10-07-2021	Physical Possession Received
			631/B	0.2726			10-07-2021	
<b>1</b>	<b>370+</b>	<b>371+</b>	<b>Tehsil- Savli</b>	<b>Village</b>	<b>1.200</b>	<b>1.150</b>		<b>Temple, Home, Underground water Pipe Line &amp; Payment Issues of Land</b>
<b>1</b>	<b>500</b>	<b>700</b>	<b>Gangediya</b>					
			79/44	1.3314			6-Aug-21	Physical Possession Received
							6-Aug-21	
			79/1	0.0018				Documents Pending
			79/ 20/ a	0.9086				Documents Pending
			79/21	0.7516			6-Aug-21	Physical Possession Received
			79/29	0.3532			6-Aug-21	Physical Possession Received
			79/30	2.8033			6-Aug-21	Physical Possession Received
			79/31	1.8982				Documents Pending
			79/32	0.0116				Documents Pending
			79/39/a	0.119				Documents Pending
			79/39/b	0.3471				Documents Pending



**Project-**  
Delhi – Vadodara Greenfield Alignment (Pkg. No-30) from Ch.351+000 to Ch. 372+500.

REPORT #  
MPR-03/Nov,2021



**Monthly Progress Report**

Sr. No.	Chainage		Block / Survey Number	Area in Hec of 3G Land	Length (Km)	Hindrance Length (Km)	Date of Land Hand over / Physical Possession Received / Force Possession	Hindrances Description
	From	To						
			79/40	0.8985				Documents Pending
			79/41/a	0.5473			17-06-2021	Physical Possession Received
			79/41/b	0.8717			17-06-2021	
			79/42/a	0.3094			17-06-2021	Physical Possession Received
			79/43/a/1	0.0341				Documents Pending
			79/45/a	0.8683				Documents Pending
			79/46/a	0.3274			17-06-2021	Physical Possession Received
1 2	371+ 700	372+ 500	Tehsil- Savli Pratapnagar	Village	0.800	0.050		<b>Temple, Home, Underground water Pipe Line &amp; Payment Issues of Land</b>
			35/2	0.7137				Issue Regarding Resurvey of Land
			36	0.1265			7-Jul-21	Physical Possession Received
			39/A	0.0003			7-Jul-21	Physical Possession Received
			39/B	1.9715			7-Jul-21	Physical Possession Received
			40/A Paiki	2.353			7-Jul-21	Physical Possession Received
			40/B	0.0022			7-Jul-21	Physical Possession Received
			41	2.3246			7-Jul-21	Physical Possession Received
			42	1.7374			7-Jul-21	Physical Possession Received
<b>Total Length (km)</b>					<b>21.500</b>	<b>10.510</b>		

<b>Total Land of the Project BHS in Km.</b>	<b>21.500</b>
<b>Hindered Land in Km.</b>	<b>10.510</b>
<b>Total Net Effective Hindered Length (%)</b>	<b>48.88%</b>

## 7.2 Details of Land Acquisition- Hindrance List

Land Acquisition Hindrance details of the project shown in below table:-

Sr. No.	CH From	CH To	Length (Km)		Hindrance Length (M)	Date of Land Hand over	Hindrances Description
			LHS	RHS			
1	351+180		10		10		Religious Structure
2	351+200	351+250	50		50		Internal Payment dispute due Religious Structure
3	351+315	352+340			0		Boundry Wall (Road crossing) RHS
4	351+391				0		GWSS Water Pipe Line
5	351+460		10		10		Religious Structure
6	351+490	351+505	15		15		Building
7	351+501	351+502			0		Toilet Building/Block LHS
8	351+530	351+545	15		15		Building
9	351+700	351+750	50	50	100		Derol village Smashan Structure
10	351+735				0		Gate LHS
11	351+740	351+765			0		Boundry Wall LHS
12	351+795	351+810		15	15		Building & Well
13	351+750				0		GWSS Water Pipe Line
14	351+800				0		Tube Well LHS
15	351+820		10		10		Religious Structure
16	351+850		10		10		Religious Structure
17	352+175				0		Retaining Wall RHS
18	352+195	352+220			0		Boundry Wall (Road crossing) RHS



Sr. No.	CH From	CH To	Length (Km)		Hindrance Length (M)	Date of Land Hand over	Hindrances Description
			LHS	RHS			
19	352+220	352+250			0		Boundry Wall (Road crossing) LHS
20	352+340	352+370			0		Boundry Wall (Road crossing) LHS
21	352+632				0		Water Tank RHS
22	352+750				0		Well LHS
23	352+750				0		WELL LHS
24	353+250				0		Water Tank LHS
25	353+255				0		Bore Hole & Bore well RHS
26	353+285	353+290			0		Boundry Wall (Road crossing) RHS
27	353+290	353+300			0		Boundry Wall (Road crossing) LHS
28	353+310	353+315			0		Boundry Wall (Road crossing) RHS
29	353+320	353+325			0		Boundry Wall (Road crossing) RHS
30	354+030				0		Tube Well RHS
31	354+000	354+080	80	80	160		Nine Death Inheritance Pending
32	354+028	354+030		2	2		Building
33	353+425				0		UGPL Water Pile Line LHS
34	354+435			5	5		Building
35	354+455			5	5		Building
36	354+399				0		Water Tank LHS
37	354+650				0		Water Tank LHS





Sr. No.	CH From	CH To	Length (Km)		Hindrance Length (M)	Date of Land Hand over	Hindrances Description
			LHS	RHS			
38	354+670				0		Tube Well LHS
39	354+630	354+640	10		10		Building
40	354+640	354+660	20		20		Building
41	354+800				0		UGPL Water Pipe Line RHS
42	355+200	355+260	60		60		At spot more land used than award Re- Survey Needed
43	355+280				0		Water Tank LHS
44	355+280				0		Bore Hole & Bore well RHS
45	355+288				0		Water Chamber LHS
46	355+289				0		Water Tank RHS
47	355+293				0		Water Tank LHS
48	355+335				0		UGPL Water Pipe Line LHS
49	355+400	355+680		280	280		Payment pending document not present internal dispute
50	355+540	355+545			0		Retaining Wall RHS
51	356+030		10		10		Building
52	356+040				0		Tube Well LHS
53	356+042				0		Tube Well LHS
54	356+125				0		Well LHS
55	356+125				0		Well RHS
56	356+225				0		UGPL Water Pipe Line RHS



Sr. No.	CH From	CH To	Length (Km)		Hindrance Length (M)	Date of Land Hand over	Hindrances Description
			LHS	RHS			
57	356+360				0		Well LHS
58	356+440				0		UGPL Water Pipe Line RHS
59	356+460				0		Well RHS
60	356+718				0		UGPL Water Pipe Line RHS
61	356+928				0		Tube Well LHS
62	356+048	356+060	12		12		Building
63	356+360	356+365	5		5		Building
64	356+435		5		5		Building
65	356+480	356+600	120		240		well, House & Temple (Disputed)
66	356+600	356+670	70		140		3G & 3H Pending
67	356+700	356+740	40		40		Payment Pending
68	356+870				0		GWSS Water Pipe Line
69	356+935	356+940	5		5		Building
70	356+975	356+978			0		Toilet Building/Block RHS
71	356+990	357+000			10		Building
72	357+300				0		Bore Hole & Bore well LHS
73	357+802				0		Well RHS
74	357+808				0		Tube Well RHS
75	357+820				0		Tube Well LHS



Sr. No.	CH From	CH To	Length (Km)		Hindrance Length (M)	Date of Land Hand over	Hindrances Description
			LHS	RHS			
76	357+822				0		Tube Well LHS
77	357+100	357+110			10		Building
78	357+100	357+250	150		300		Inheritance note rejected , appeal in Prant office & house on Land
79	357+315	357+320			0		Boundry Wall (Road crossing) LHS
80	357+325	357+330			0		Boundry Wall (Road crossing) LHS
81	357+370	357+500	130		260		Document Pending Recently award done
82	357+500	357+600	60		160		Inheritance Done primary Note Done
83	357+810	357+815			5		Building
84	358+440	358+500	60		60		3A Done Award Pending
85	358+580	358+700	120		240		Partly Payment done but at spot more land used than award Re-Serve Needed 3D Pending
86	358+720				0		GWSS Water Pipe Line
87	358+900	359+080	180		360		3G & 3H Pending
88	359+070				0		Tube Well LHS
89	359+085				0		UGPL Water Pipe Line RHS
90	359+280				0		Water Chamber LHS
91	359+310				0		Water Tank RHS
92	359+315				0		UGPL Water Pipe Line LHS
93	359+313				0		Water Tank LHS
94	359+314				0		Water Tank LHS



Sr. No.	CH From	CH To	Length (Km)		Hindrance Length (M)	Date of Land Hand over	Hindrances Description
			LHS	RHS			
95	359+315				0		Water Tank LHS
96	359+325				0		Water Tank LHS
97	359+333				0		Water Tank LHS
98	359+334				0		Water Tank LHS
99	359+335				0		UGPL Water Pipe Line LHS
100	359+340				0		UGPL Water Pipe Line RHS
101	359+400	359+440	40		40		3D & 3G Pending time to time villagers Stop the work
102	360+630				0		Weight Bridge LHS
103	360+598				0		UGPL Water Pipe Line LHS
104	360+540	360+640	100		200		3D & 3G Pending time to time villagers Stop the work
105	360+745				0		UGPL Water Pipe Line LHS
106	360+800	360+900	100		100		3D & 3G Pending time to time villagers Stop the work
107	360+800	360+900			100		3D & 3G Pending time to time villagers Stop the work
108	361+000	361+170	170		340		3D & 3G Pending time to time villagers Stop the work
109	361+400	361+600	200	200	400		3D & 3G Pending time to time villagers Stop the work
110	361+825	361+845			0		Boundry Wall (Road crossing) LHS
111	361+825	361+830			0		Boundry Wall (Road crossing) RHS
112	361+845	361+840			0		Boundry Wall (Road crossing) RHS
113	361+900	362+000	100	100	200		3D & 3G Pending time to time villagers Stop the work



Sr. No.	CH From	CH To	Length (Km)		Hindrance Length (M)	Date of Land Hand over	Hindrances Description
			LHS	RHS			
114	362+030	362+100	70	70	140		3D & 3G Pending time to time villagers Stop the work
115	362+100	362+230	130	130	260		3D & 3G Pending time to time villagers Stop the work
116	362+780				0		UGPL Water Pipe Line BHS
117	362+980	362+982			0		Toilet Building/Block LHS
118	362+985	363+000			0		LHS Building
119	362+835				0		Bore Hole & Bore well LHS
120	362+860				0		Bore Hole & Bore well LHS
121	363+050				0		TUBEWELL RHS
122	363+750				0		Tube Well LHS
123	363+000	363+100	100	100	200		DLC Dispute
124	363+005	363+025			0		LHS Building
125	363+100	363+200	100	100	200		DLC Dispute
126	363+200	363+300	100	100	200		DLC Dispute
127	363+300	363+400	100	100	200		DLC Dispute
128	363+400	363+600	200	200	400		DLC Dispute
129	363+750	363+760			0		LHS Building
130	363+600	363+800	200	200	400		DLC Dispute
131	363+800	364+200	400	400	800		DLC Dispute
132	364+292				0		Bore Hole & Bore well LHS



**Project-**  
Delhi - Vadodara Greenfield Alignment (Pkg. No-30) from Ch.351+000 to Ch. 372+500.

REPORT #

MPR-03/Nov,2021



**Monthly Progress Report**

Sr. No.	CH From	CH To	Length (Km)		Hindrance Length (M)	Date of Land Hand over	Hindrances Description
			LHS	RHS			
133	364+200	364+300	100	100	200		DLC Dispute
134	364+300	364+400	100	100	200		DLC Dispute
135	364+400	364+500	100	100	200		DLC Dispute
136	364+415	364+425			0		RHS Building
137	364+500	364+600	100	100	200		DLC Dispute
138	364+600	364+700	100	100	200		DLC Dispute
139	364+700	364+800	100	100	200		DLC Dispute
140	364+800	364+900	100	100	200		DLC Dispute
141	364+900	365+000	100	100	200		DLC Dispute
142	365+000	365+100	100	100	200		DLC Dispute
143	365+100	365+200	100	100	200		DLC Dispute
144	365+200	365+300	100	100	200		DLC Dispute
145	365+300	365+400	100	100	200		DLC Dispute
146	365+400	365+500	100	100	200		DLC Dispute
147	365+500	365+550			0		Boundry Wall (Road crossing) RHS
148	365+530	365+575			0		Boundry Wall (Road crossing) RHS
149	365+500	365+600	100	100	200		DLC Dispute
150	365+793	365+795			0		Water Tank RHS
151	365+700	365+800	100	100	200		Some Work Execution Start under mutual under standing with villagers but after Some layer



Sr. No.	CH From	CH To	Length (Km)		Hindrance Length (M)	Date of Land Hand over	Hindrances Description
			LHS	RHS			
152	365+800	365+900	100	100	200		laying Villagers Creating Violence & Stopped work due to outstanding of disbursement & Demanding of difference of DLC rate
153	365+900	366+000	100	100	200		
154	366+000	366+100	100	100	200		
155	366+100	366+200	100	100	200		
156	366+200	366+300	100	100	200		
157	366+300	366+400	100	100	200		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
158	366+432				0		Water Tank RHS
159	366+433				0		Water Tank RHS
160	366+435				0		WATER TANK LHS
161	366+725				0		Well RHS
162	366+400	366+500	100	100	200		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
163	366+500	366+600	100	100	200		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
164	366+600	366+700	100	100	200		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
165	366+700	366+800	100	100	200		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
166	366+800	366+900	100	100	200		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
167	366+900	367+000	100	100	200		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
168	367+880				0		Tube Well LHS
169	367+910				0		Tube Well LHS



Sr. No.	CH From	CH To	Length (Km)		Hindrance Length (M)	Date of Land Hand over	Hindrances Description
			LHS	RHS			
170	367+000	367+100	100	100	200		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
171	367+100	367+200	100	100	200		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
172	367+200	367+300	100	100	200		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
173	367+300	367+400	100	100	200		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
174	367+400	367+500	100	100	200		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
175	367+500	367+600	100	100	200		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
176	367+658				0		UGPL Water Pipe Line BHS
177	367+600	367+700	100	100	200		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
178	367+700	367+900	200	200	400		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
179	368+100	368+200	100	100	200		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
180	368+200	368+300	100	100	200		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
181	368+300	368+400	100	100	200		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
182	368+475				0		UGPL Water Pipe Line BHS
183	368+400	368+500	100	100	200		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
184	368+604				0		Water Tank RHS
185	368+600	368+700	100	100	200		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate





Sr. No.	CH From	CH To	Length (Km)		Hindrance Length (M)	Date of Land Hand over	Hindrances Description
			LHS	RHS			
186	368+700	368+800	100	100	200		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
187	368+800	368+900	100	100	200		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
188	368+900	369+100	200	200	400		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
189	369+100	369+300	200	200	400		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
190	369+350				0		UGPL Water Pipe Line BHS
191	369+300	369+500	200	200	400		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
192	369+500	369+600	100	100	200		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
193	369+600	369+700	100	100	200		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
194	369+700	370+000	300	300	600		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
195	370+345				0		UGPL Water Pipe Line BHS
196	370+350				0		Water Tank LHS
197	370+370				0		Water Tank LHS
198	370+375				0		Water Tank LHS
199	370+380				0		Water Tank LHS
200	370+385				0		Water Tank LHS
201	370+000	370+300	300	300	600		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
202	370+375				0		Foundation Wall LHS



Sr. No.	CH From	CH To	Length (Km)		Hindrance Length (M)	Date of Land Hand over	Hindrances Description
			LHS	RHS			
203	370+300	370+500	200	200	400		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
204	370+880				0		Foundation Wall LHS
205	370+500	371+650	1150	1150	2300		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
206	371+650	371+700	50	50	100		Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
207	372+360				0		UGPL Water Pipe Line BHS
208	372+395				0		Tube Well RHS
<b>Total Length (M)</b>			<b>10517</b>	<b>10502</b>	<b>21019</b>		

\* Land Acquisition details of the project shown in attached strip chart Structure Strip Chart 1

### 7.3 Utility Shifting:-

Sr. No.	Particulars	Unit	Total	Completed	Balance	Remarks
<b>A</b>	<b>Shifting of Electric Utilities</b>					
A1	Electric Poles	Nos.	198	43	155	
A2	Electric Cables	Meters	12790	2530	10260	
A3	Transformer	Nos.	14	1	13	
<b>B</b>	<b>Shifting of Electric Utilities</b>					
B1	Water Supply	Meters	1228	0	1228	

### 7.4 Tree Cutting:

S. No.	Particular	Unit	Quantity as per CA	Completed as per site	Balance	Remark
1	Trees within ROW	Nos.	2734	4615		Additional tree cut 1881 nos.



## 8 Mobilization status

### 8.1 Manpower List of the project:-

SR. NO.	DESCRIPTION OF STAFF	NO	REMARK
<b>Project Management</b>			
1	General Manager	1	
2	Sr. Project Manager	1	
3	Project Manager	1	
<b>Highway (Technical)</b>			
4	DPM(Highway)	1	
5	Sr. Engineer (Highway)	2	
6	Engineer (Highway)	3	
7	Asstt. Engg (Highway)	5	
8	Jr. Engineer(Highway)	4	
9	Sr. Sup(High)	10	
<b>Structure (Technical)</b>			
10	DPM(Structure)	3	
11	Sr. Engineer(Structure)	3	
12	Engineer Structure	2	
13	Asst. Engineer (structure)	2	
14	Jr. Engineer (Structure)	4	
15	Supervisor (Structure)	2	
<b>Planning &amp; Billing Dept.</b>			
16	Dy. Manager (Planning)	1	
17	Asst. Manager (Billing)	1	
18	Sr. Engineer(Planning)	1	
19	Engineer(Planning & Billing)	1	
20	Engineer QS	1	
<b>Survey Dept.</b>			
21	DPM	1	
22	Sr. Surveyor	1	
23	Surveyor	4	
24	Helper Survey	3	
<b>QA &amp; QC Dept.</b>			
25	Sr. Engineer (QA& QC)	1	
26	Engineer (QA& QC)	2	
27	Jr. Engineer (QA& QC)	3	
28	Lab Technician	4	



SR. NO.	DESCRIPTION OF STAFF	NO	REMARK
29	Helper-Lab	5	
<b>HR &amp; Admin Dept.</b>			
30	Dy. Manager (HR/Admin)	1	
31	Sr.Executive (HR/Admin)	1	
32	Executive (Admin)	1	
33	Camp Supervisor	1	
34	Office Assistant	1	
35	Office boy	2	
<b>Finance &amp; Accounts</b>			
36	Sr. Accountant	1	
37	Jr.Accountant	1	
<b>Liaison Dept.</b>			
38	Dy. Manager (Liaison)	1	
39	Sr.Executive(Liaison)	1	
40	Executive (Liaison)	1	
41	Jr. Executive (Liaison)	1	
<b>IT Dept.</b>			
42	Sr. Executive (IT)	1	
43	Executive (IT)	1	
<b>Store Dept.</b>			
44	Dy. Manager (Store)	1	
45	Sr. Executive (Store)	1	
46	Executive (Store)	4	
47	Jr. Executive (Store)	5	
<b>Purchase Dept.</b>			
48	Purchase Executive	1	
<b>HSE. Dept.</b>			
49	Sr.Officer Safety	1	
50	Executive Safety	1	
51	Male Nurse	1	
<b>S&amp;V Dept.</b>			
52	Sr.Officer (S&V)	2	
53	Officer (S&V)	1	
<b>Mechanical Dept.</b>			
54	Sr. Manager (Mech)	1	
55	Dy.Manager (P&M)	1	
56	Sr. Engineer (Mech)	2	
57	Engineer (Mech)	2	
58	Executive (Mech)	2	



SR. NO.	DESCRIPTION OF STAFF	NO	REMARK
59	Fleet Supervisor	1	
60	PLANT & MACHINERY OPERATORS/WELDER/TYRE FITTE/PLUMBER/HELPER/DRIVER	138	
<b>Total&gt;&gt;</b>		<b>253</b>	

## 8.2 List of Plant & Machinery

SL. NO	PROJECT NAME	EQUIPMENT NAME	QTY	Remarks
1	DVE/30	WMM Plant-250TPH-Macadam	1	
2	DVE/30	Batch Mix Plant-MA-45-Macons	2	
3	DVE/30	Hot Mix Plant 200 TPH (Marini)	1	
4	DVE/30	LINNOF PLANT 160 TPH	1	
5	DVE/30	SCHNEEL PLANT	1	
6	DVE/30	PRE-CAST PLANT (PAKONA)	1	
7	DVE/30	GANTRY CRANE -	5	
8	DVE/30	PILING RIG MACHINE	3	
9	DVE/30	Weigh Bridge-	5	
10	DVE/30	Hydra Crane	4	
11	DVE/30	LMV	14	
12	DVE/30	Water Tanker-	3	
13	DVE/30	DG Set	15	
14	DVE/30	Baby Roller	1	
15	DVE/30	Water Tanker-	5	
16	DVE/30	Tandem Roller	3	
17	DVE/30	Excavator-	3	
18	DVE/30	Motor Grader-	6	
19	DVE/30	Loader	5	
20	DVE/30	HIGH MAST - TOWER LIGHT	4	
21	DVE/30	CONTAINER WORK SHOP	3	
22	DVE/30	TRACTOR	3	
23	DVE/30	Soil Compactor-	7	
24	DVE/30	Transit Mixer	8	
25	DVE/30	Concrete Pump	1	
26	DVE/30	Diesel Tanker	1	
27	DVE/30	SERVICE VAN	1	
28	DVE/30	TIPPER	16	
29	DVE/30	Trailer	1	



## 9 Quality Maintenance & Safety

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- EPC contractor has established one No. laboratory at main camp at Chainage - 352+250 RHS near Khandoli village .
- All required tests as per the frequencies and requirements of IRC Code provisions are being carried out.
- Safety Officer along with supporting staff is deployed at Site to take care of Safety aspects.
- Regular Test conducted of Covid-19 precautionary with the all staff.
- Tool Box meeting to be conducted before starting the work.
- Induction training conducted regularly to all newly appointed staff and all the Workmen will follow the Safety Rules as per the CA.
- All Workers and Supervisory Staff at site shall wear Protective and Safety Gear (PPE) during execution
- First Aid facilities are available at site.
- Mock drill regularly conducted at site.
- Project Overviews given in subheading no.11.1.
- List of plant and machinery is given in 7.2.
- List of quality control equipment's is given in 11.8.
- Weather report for the month is given in 11.9.

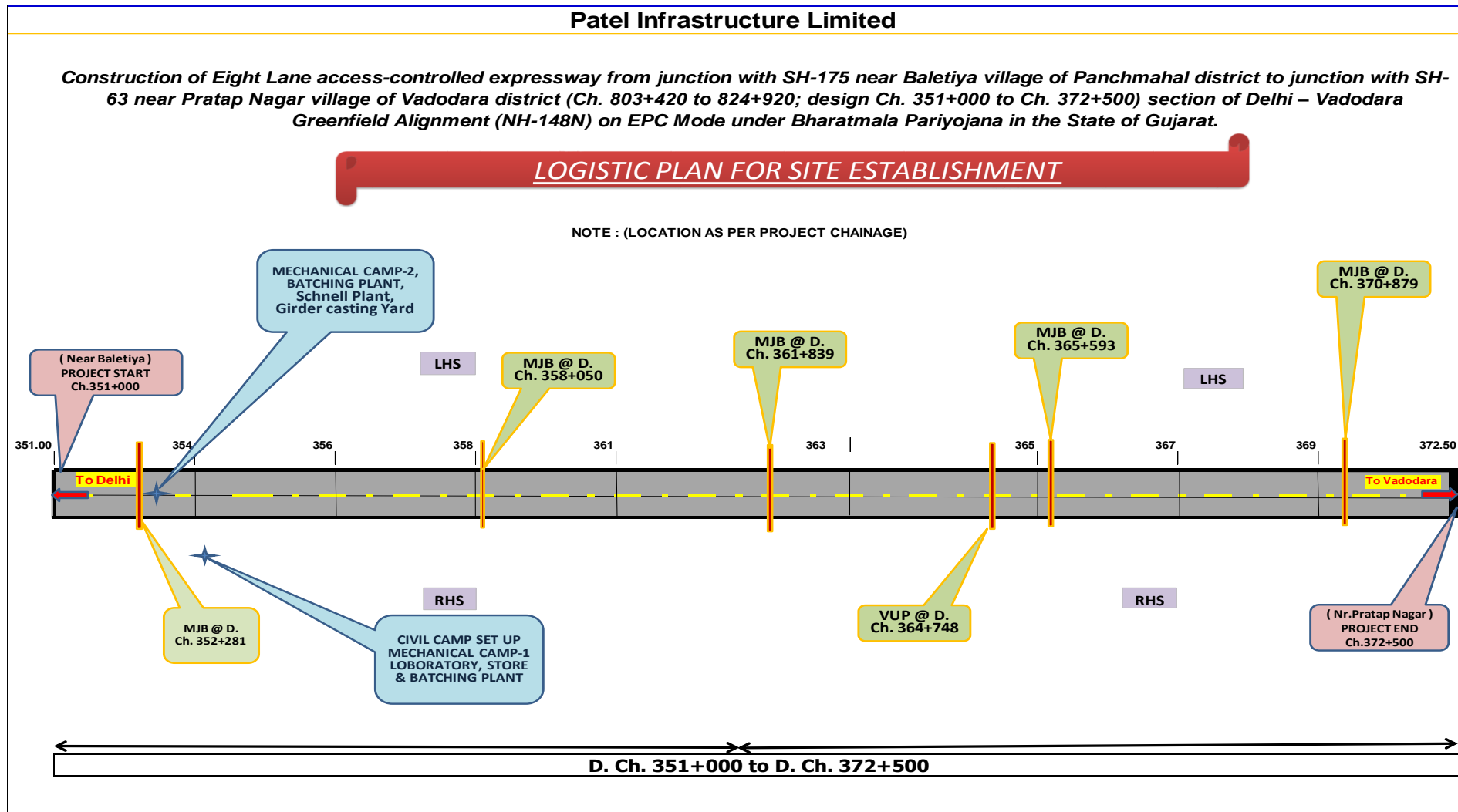
## 10 Milestone of the progress

Various project milestone laid down at schedule J of CA with respect to appointed date as follows: -

Sr. No.	Milestones	Target From Appointed Date	Scheduled Milestone Date	Description	Remarks
1	Milestone - I	256 days	21.05.2022	EPC Contractor has to complete minimum <b>10%</b> financial progress of the contract price within 256 days from appointed date to achieved 1 <sup>st</sup> milestone.	
2	Milestone - II	438 days	19.11.2022	EPC Contractor has to complete minimum <b>35%</b> financial progress of the contract price within 438 days from appointed date to achieved 2 <sup>nd</sup> milestone.	
3	Milestone - III	621 days	24.05.2023	EPC Contractor has to complete minimum <b>70%</b> financial progress of the contract price within 621 days from appointed date to achieved 3 <sup>rd</sup> milestone.	
4	Scheduled Completion Date	730 days	07.09.2023	EPC Contractor shall have to completed Construction of Eight laning Expressway within 730 days.	



## 11 Location Plan & Status of Camps

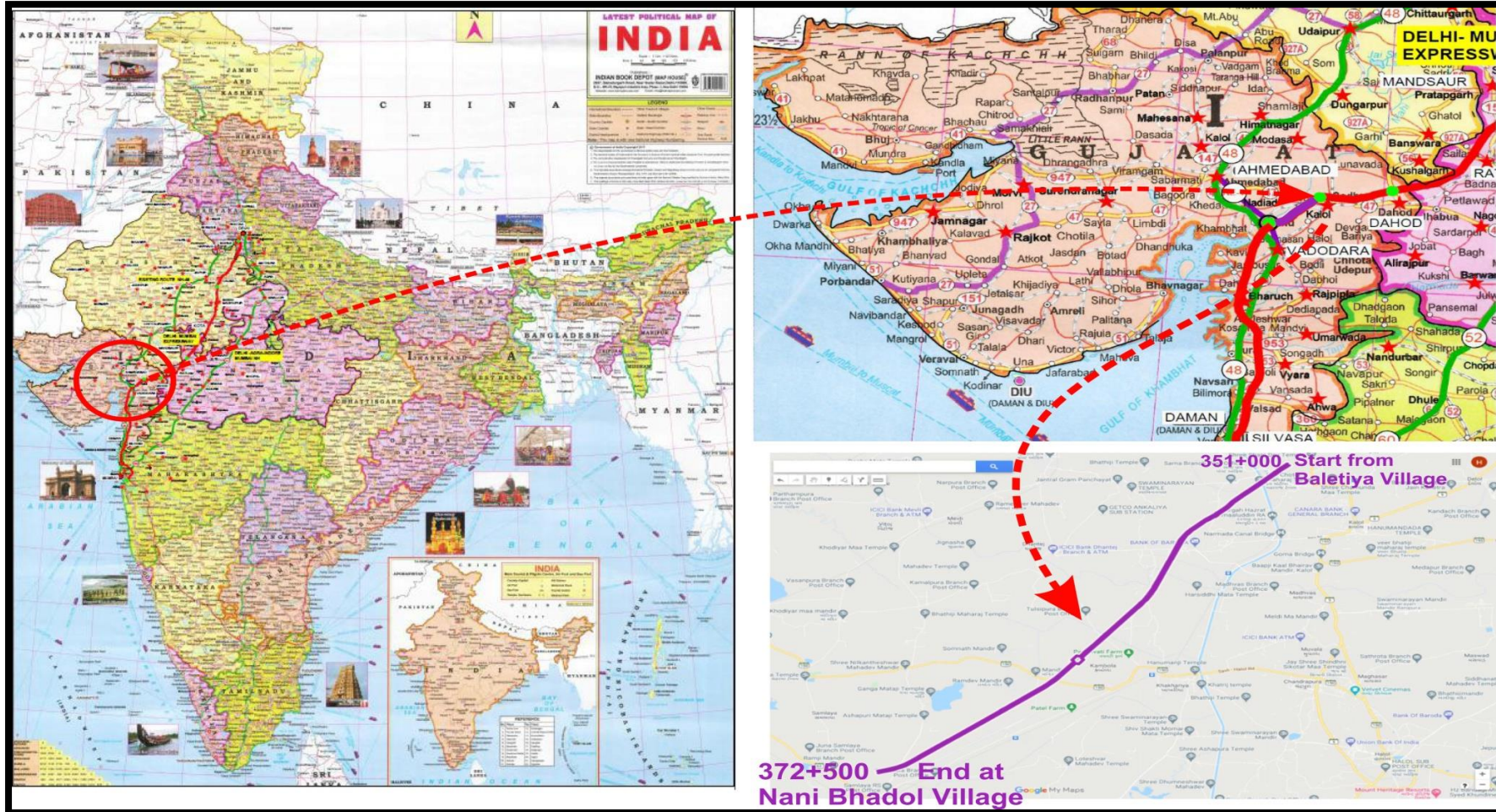






12 Annexure: -

12.1 Project overview





## 12.2 Scope of Work

Sr. No	Component	Qty.	Remarks
1	Construction of Eight lane	21.5 Km	Development of the Project Highway shall include design and construction of the Project Highway as described in this Schedule-B and in Schedule-C. The alignment plans of the Project Highway are specified in Annex-III of Schedule A and shall be deemed to be part of this Schedule B.
2	Connecting Roads / Service Roads /Slip Roads	2.280 Km	Total Length of Slip Road – Wayside Amenities @ Ch. 363+440 and Ch. 363+460
3	SVUP	3 Nos.	3 Nos. Of RCC Box type SVUP having span arrangement= 1x7x3.5m shall be constructed.
4	LVUP	6 Nos.	5 Nos. Of RCC Box type LVUP having span arrangement 1x12x4.5m shall be constructed and 1 Nos. Of PSC Girder & Beam type LVUP having span arrangement 1x35.0x4.5m shall be constructed.
5	VUP	1 Nos.	1 Nos. Of VUP having span arrangement 1x30x5.5m shall be constructed.
6	RCC Box Culverts	54 Nos.	34 nos. of RCC Box Culverts having span between 1x2x2m to 1x5x3m shall be constructed as new. additional 20 nos. box culverts of size 2m x 2m shall be provided as per site requirements.
7	Major Bridge	7 Nos.	1 nos. of PSC I Girder & Steel Composite type Major Bridge over canal body having span from 18m to 66m and 6 Nos. of Major Bridge having span from 25m to 70m shall be constructed as new.
8	Minor Bridge	3 Nos.	3 Nos. of MNB having span between 6m to 40m shall be constructed as new.
9	Way side Amenities / Service Areas	2 No.	1 no at 363+440 RHS and 1 no at 363+460 LHS.
10	Retaining Wall & RE Wall	4.590Km	2.332 Km Retaining Wall and 2.258 Km RE Wall.
11	Diversion of Irrigation Canal	1.488 Km	As per cross-section in Appendix B-2a
12	Embankment Protection	0.280 km	-



### 12.3 Status of approval for Applicable Permits

The Concessionaire has obtained all the requisite permits and approvals required as per Concession Agreement Clause 4.1,3,

Sl.No.	Applicable Various Permits	Status as	Reference & Validity
1	Permission of the State government for extraction of boulders from quarry;	NA	
2	Permission of Village Panchayats and Pollution Control Board for installation of crushers;	NA	
3	License for use of explosives;	NA	
4	Permission of the State Government for drawing water from river/reservoir;	NA	
5	License from Inspector of Factories or other Competent Authority for setting up batching plant;	Obtained	
6	Clearance of Pollution Control Board for setting up batching plant;	Obtained	
7	Clearance of village Panchayats & Pollution Control Board for setting up Asphalt Plant;	Obtained	
8	Permission of Village Panchayats and State Government for borrow earth	Obtained	
9	Any other permits or clearances required under Applicable laws	Labour Licence	Submitted



## 12.4 Status of Drawings

S. No.	Description	Scope	Submitted	Approved	Approval Awaited	Remarks
<b>Highway</b>						
1	Pavement Design Report	1	1	1	-	
2	Typical Cross Section	1	1	1	-	
3	Plan & Profile MCW	1	1	1	-	
<b>Structure</b>						
4	Box Culvert					
4.1	i) Precast Box Culvert	42	42	42	-	
4.2	Precast Box Culvert Detailed Location Wise GAD	20	20	-	20	
4.3	ii) Cast In Situ Box Culvert	12	11	1	10	
5	LVUP	6	6	6	-	
5.1	a)371+700					
5.2	i) Foundation	1	1	1	-	
5.3	a) Test pile	1	1	-	1	
5.4	ii) Substructure	1	1	1	-	
5.5	iii) Superstructure	1	1	1	-	
6	SVUP	3	3	3	-	
7	VUP (GAD)	1	1	1	-	
7.1	a)364+746					
7.2	i) Foundation	1	1	1	-	
7.3	ii) Substructure	1	1	1	-	
7.4	iii) Superstructure	1	1	1	-	
8	Minor Bridge (GAD)	3	3	3	-	
8.1	a) 357+312					
8.1.1	i) Foundation	1	1	1	-	
8.1.2	a) Test pile	1	1	-	1	
8.1.3	ii) Substructure	1	1	1	-	
8.1.4	iii) Superstructure	1	1	1	-	
9	Major Bridge (GAD)	7	7	-	7	
10	a)352+281 (GAD)					
10.1	i) Foundation	1	1	1	-	
10.2	a) Test Pile	8	8	8	-	
10.3	ii) Substructure	1	1	-	1	
10.4	iii) Superstructure					
10.5	1) PSC Girder	1	1	-	1	
10.6	2) Composite Girder	1	-	-	1	
10.7	3) RCC Girder	1	1	-	1	
10.8	4) Slab	1	1	-	1	
10.9	5) Bearing	1	1	-	1	
11	b) 355+789					
11.1	i) Foundation	1	1	-	1	
11.2	a) Test pile	1	1	-	1	
11.3	ii) Substructure	1	1	-	1	
11.4	iii) Superstructure	1	1	-	1	
11.5	c) 358+050					



S. No.	Description	Scope	Submitted	Approved	Approval Awaited	Remarks
11.6	i) Foundation	1	1	-	1	
11.7	a) Test pile	1	1	-	1	
11.8	ii) Substructure	1	1	-	1	
11.9	iii) Superstructure	1	1	-	1	
12	d) 359+936					
12.1	i) Foundation	1	1	-	1	
12.2	ii) Substructure	1	1	-	1	
12.3	iii) Superstructure	1	-	-	1	
13	e) 361+839					
13.1	i) Foundation	1	1	1	-	
13.2	ii) Substructure	1	1	1	-	
13.3	iii) Superstructure	1	-	-	-	
14	f) 365+593					
14.1	i) Foundation	1	-	-	1	
14.2	ii) Substructure	1	-	-	1	
14.3	iii) Superstructure	1	-	-	1	
15	g) 370+887					
15.1	i) Foundation	1	1	-	1	
15.2	a)Test Pile	1	-	-	-	
15.3	ii) Substructure	1	1	-	1	
15.4	iii) Superstructure	1	1	-	1	
16	Miscellaneous					
16.1	Boundary Wall	1	1	-	1	

The following drawings have been submitted to Authority Engineer / NHAI for review and approvals.

**Project-**

Delhi – Vadodara Greenfield Alignment (Pkg. No-30) from Ch.351+000 to Ch. 372+500.

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MPR-03/Nov,2021

**Monthly Progress Report****12.5 Correspondences:-****Incoming:-**

Letter No.	Issue Date	From	Letter Subject
LNMIPL.GODHRA.DVE-NH148N.Pkg-30.21-22.2134	01-11-2021	AE	Simplifying the process of product approval in NHA
LNMIPL.GODHRA.DVE-NH148N.Pkg-30.21-22.2135-A	08-11-2021	AE	Estimate for shifting of pipeline pertain to Gujarat Water Supply & Sewerage Board GWSSB)
LNMIPL.GODHRA.DVE-NH148N.Pkg-30.21-22.2137	09-11-2021	AE	Details of contract labour and interstate migrant workers of the EPC Contractor
LNMIPL.GODHRA.DVE-NH148N.Pkg-30.21-22.2138	09-11-2021	AE	Internal drainage of Pavement Structure
LNMIPL.GODHRA.DVE-NH148N.Pkg-30.21-22.2139	10-11-2021	AE	Site Visit to DVE section under jurisdiction of PIU-Ratlam for understanding challenges in execution of perpetual pavement
LNMIPL.GODHRA.DVE-NH148N.Pkg-30.21-22.2141	20-11-2021	AE	Inspection of Works by Team Leader
LNMIPL.HO.NHA.DVE-NH148N.Pkg-30.2021-3424	17-11-2021	AE	Submission of Revised GAD for LVUP at Ch. 359+485 as per approved Plan & Profile
LNMIPL.HO.NHA.DVE-NH148N.Pkg-30.2021-3425	17-11-2021	AE	Submission of Revised GAD for LVUP at Ch. 351+372 as per approved Plan & Profile
LNMIPL.GODHRA.DVE-NH148N.Pkg-30.21-22.2143	24-11-2021	AE	Submission of 2nd Mobilization Advance Bank Guarantee as per Article 19, Clause 19.2 (iv) of EPC Contract Agreement
LNMIPL.GODHRA.DVE-NH148N.Pkg-30.21-22.2144	24-11-2021	AE	quality Assurance Test Plan during Construction for Perpetual Pavement of Delhi-Vadodara Expressway (NH-148N)
LNMIPL.GODHRA.DVE-NH148N.Pkg-30.21-22.2148	26-11-2021	AE	Approval of Borrow Area No.4A
LNMIPL.GODHRA.DVE-NH148N.Pkg-30.21-22.2149	27-11-2021	AE	Inspection of works by Team Leader Pkg 30

**Project-**

Delhi – Vadodara Greenfield Alignment (Pkg. No-30) from Ch.351+000 to Ch. 372+500.

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**PATEL**<sup>®</sup>  
Every Milestone is our Value**Monthly Progress Report****Outgoing:-**

Letter No.	Issue Date	To	Letter Subject
PIL/DVE30/AE/163/2021	01-11-2021	AE	Submission of company profile & credential of M/s Geo sources for the surce of approval of products for structure works to be used in the project
PIL/DVE30/AE/165/2021	03-11-2021	AE	Submission of MPR for the month of Oct-21
PIL/DVE30/AE/166/2021	11-11-2021	AE	Details of Labour and Inter State Migrant Workers of the EPC Contractor for Package-30
PIL/DVE30/AE/167/2021	16-11-2021	AE	Regarding compliance to comments on internal drainage of pavement structure Pkg-30 for delhi Vadodara expressway section of NH-148N in Vadodara district
PIL/DVE30/AE/168/2021	18-11-2021	AE	Regarding Submission of Detailed Design and drawing of major bridge at Ch. 361+839 for DVE-30 of NH-148N in Vadodara District.
PIL/DVE30/AE/169/2021	18-11-2021	AE	Regarding Submission of Detailed Design and drawing of major bridge at Ch. 365+593 for DVE-30 of NH-148N in Vadodara District.
PIL/DVE30/AE/170/2021	18-11-2021	AE	Regarding Submission of CAR Insurance Details for Pkg-30 DVE of NH-148N in Vadodara district.
PIL/DVE30/AE/171/2021	18-11-2021	AE	Submission of GSB Mix Design.
PIL/DVE30/AE/172/2021	18-11-2021	AE	Submission of Company Profile & Credential of M/s Electrotherm India Limited. for the Source Approval of TMT Steel Products for structure Works to be used in the Project .
PIL/DVE30/AE/173/2021	18-11-2021	AE	Submission of Borrow Area Test Reports Summary
PIL/HO/DVE30/AE/174/2021	18-11-2021	AE	Submission of detailed Design and Drawing of Foundation and Sub Structure along with Revised GAD of MJB at Ch. 370+887. Fr 11/19/21 18:03
PIL/DVE30/AE/175/2021	18-11-2021	AE	Regarding Unseasonal Rains in Pkg-30 DVE Section of NH-148N in Vadodara District.
PIL/DVE30/AE/177/2021	20-11-2021	AE	Submission of J.K. Super, Wonder Opc 53 Grade Cement, Micro Silica, Coarse Aggregate 20MM 10MM,Stone Dust, Bentonite, Soil Report &, JSPL & SAIL TMT (Fe 550D & Fe 500D )Steel for Physical & Chemical test Report.
PIL/DVE30/AE/178/2021	20-11-2021	AE	Submission of Detailed Design and Drawing of Super Structure of MJB at Ch. 370+887 (70m Span).
PIL/DVE30/AE/179/2021	20-11-2021	AE	Regarding Submission of Detailed Design and Drawing of Cast-in-Situ Box Culvert at Ch. 367+896 (5 x 3).

**Project-**

Delhi – Vadodara Greenfield Alignment (Pkg. No-30) from Ch.351+000 to Ch. 372+500.

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Every Milestone is our Value

**Monthly Progress Report**

Letter No.	Issue Date	To	Letter Subject
PIL/DVE30/AE/180/2021	23-11-2021	AE	Submission of 2nd Mobilization Advance bank Guarantee as per article 19, Clause 19.2 (iv) of EPC Contract Agreement. Th 11/25/21 14:35
PIL/DVE30/AE/181/2021	23-11-2021	AE	Request for factory visit M/s DECG International for Witnessing testing of structure bearings in Pkg-30 DVE
PIL/DVE30/AE/182/2021	24-11-2021	AE	Submission of Borrow Area Test Reports Summary.
PIL/DVE30/AE/183/2021	24-11-2021	AE	Submission of Utilization Certificate for 1st Mobilization Advance as per article 19 clause 19.2 (i) of EPC Contract agreement
PIL/DVE30/AE/184/2021	25-11-2021	AE	Regarding Submission of Detailed Design and Drawing of Cast-in-Situ Box Culvert at Sch. Ch. 356+465 and Design Ch. 356+469 (5 x 3).
PIL/DVE30/AE/185/2021	26-11-2021	AE	Regarding Drone Video Recording of Pkg-30 DVE Section NH-148N in Vadodara District.
PIL/DVE30/AE/186/2021	27-11-2021	AE	Regarding Proposal of additional Precast box Culvert as per site Requirement in Pkg-30 for DVE Section of NH-148 N in Vadodara District.







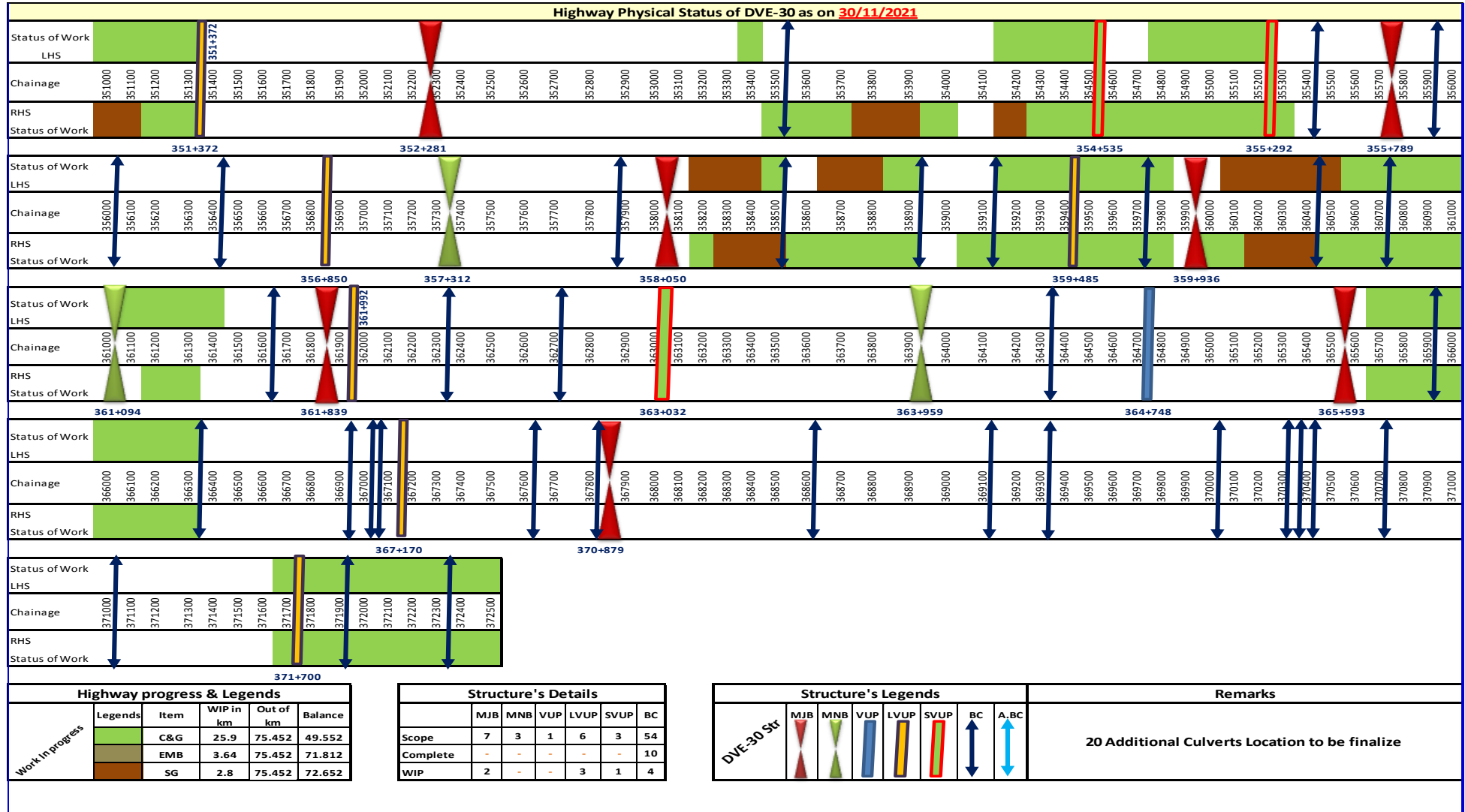


## 12.7 Progress Strip Chart of Expressway and Structure Work

### 12.7.1 Annexure-I-Highway:-



**Expressway Progress Chart 1**





**Project-**  
Delhi – Vadodara Greenfield Alignment (Pkg. No-30) from Ch.351+000 to Ch. 372+500.

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## 12.7.2 Annexure-II-Structure Strip Chart:-



**Project-**  
Delhi – Vadodra Greenfield Alignment (Pkg. No-30) from Ch.351+000 to Ch. 372+500.

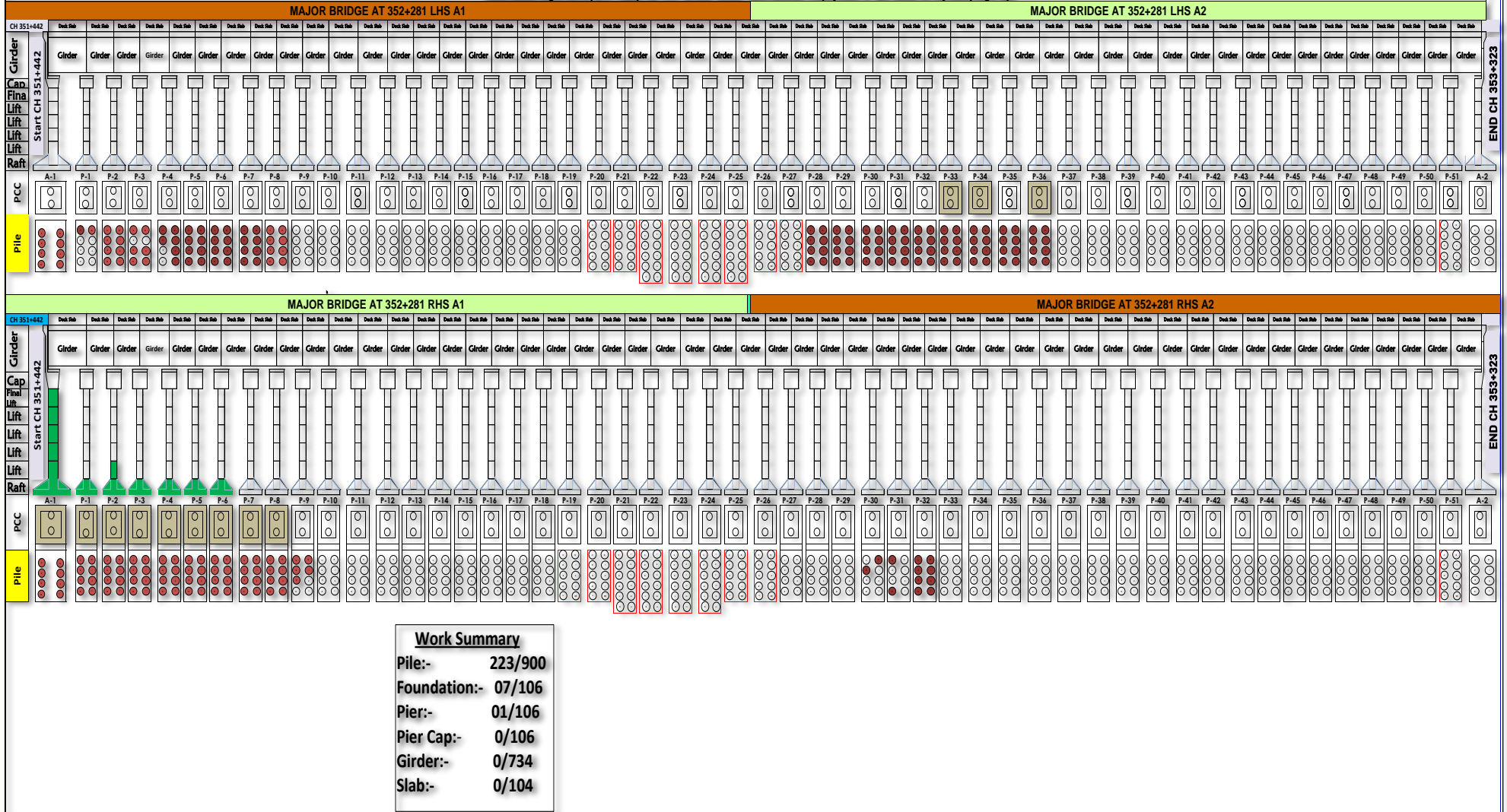
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Construction of Eight Lane access-controlled expressway from junction with SH-175 near Baletiya village of Panchmahal district to junction with SH-63 near Pratap Nagar village of Vadodra district (Ch. 803+420 to Ch. 824+920; Design Ch. 351+000 to Ch. 372+500) section of Delhi - Vadodra Greenfield Alignment (NH-148N) on EPC Mode under Bharatmala Pariyojana in the State of Gujarat.(Pkg-30)



<b>Work Summary</b>	
Pile:-	223/900
Foundation:-	07/106
Pier:-	01/106
Pier Cap:-	0/106
Girder:-	0/734
Slab:-	0/104



**Project-**  
Delhi – Vadodara Greenfield Alignment (Pkg. No-30) from Ch.351+000 to Ch. 372+500.

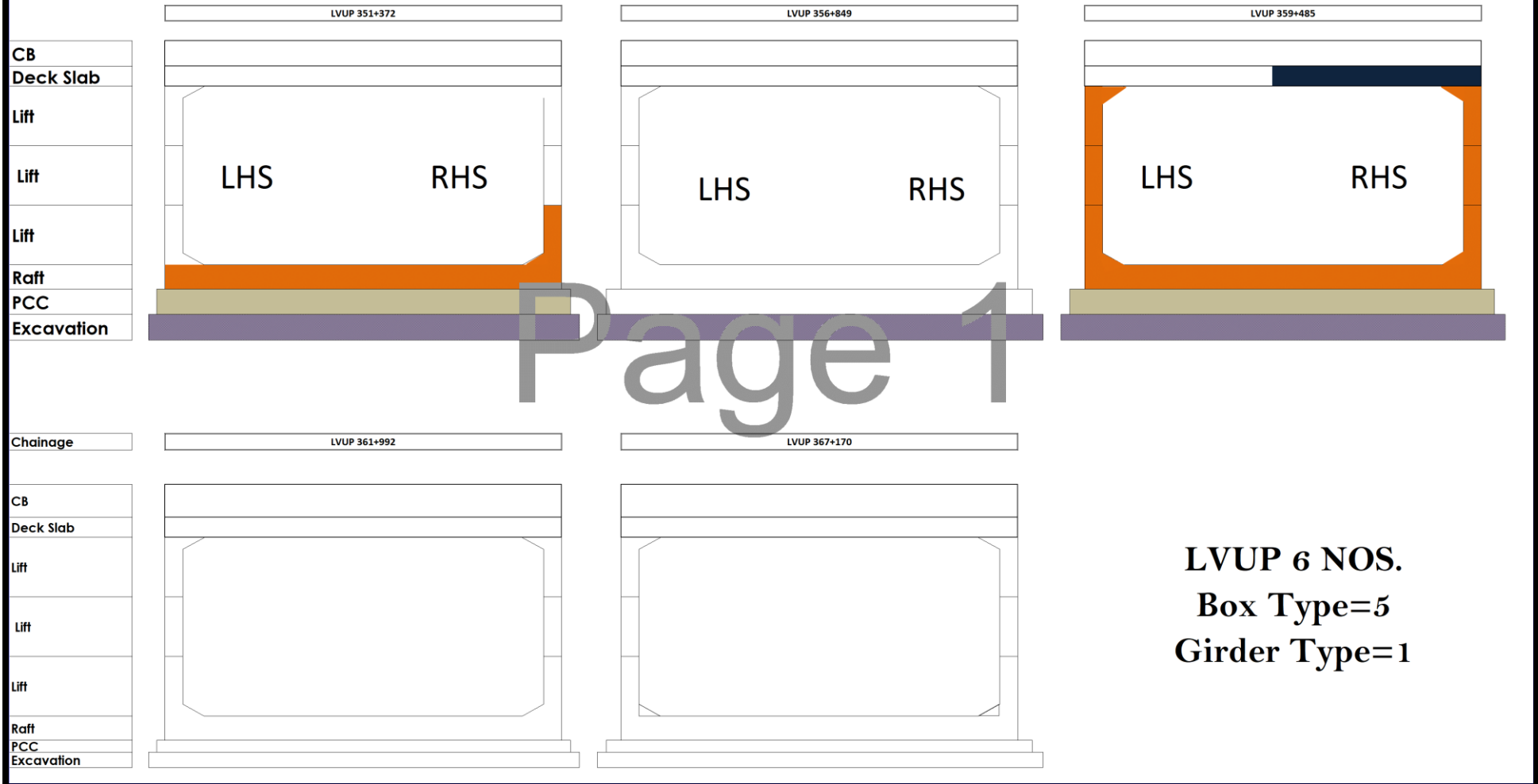
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**Construction of Eight Lane access-controlled expressway from junction with SH-175 near Baletiya village of Panchmahal district to junction with SH-63 near Pratap Nagar village of Vadodara district (Ch. 803+420 to Ch. 824+920; Design Ch. 351+000 to Ch. 372+500) section of Delhi - Vadodara Greenfield Alignment (NH-148N) on EPC Mode under Bharatmala Pariyojana in the State of Gujarat.(Pkg-30)**







**Project-**  
Delhi – Vadodara Greenfield Alignment (Pkg. No-30) from Ch.351+000 to Ch. 372+500.

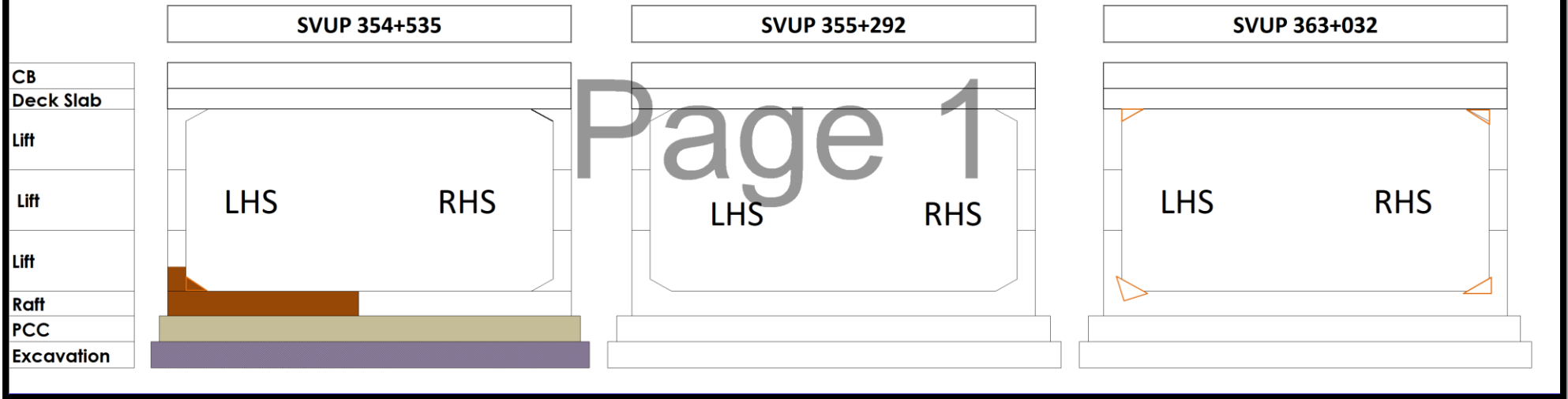
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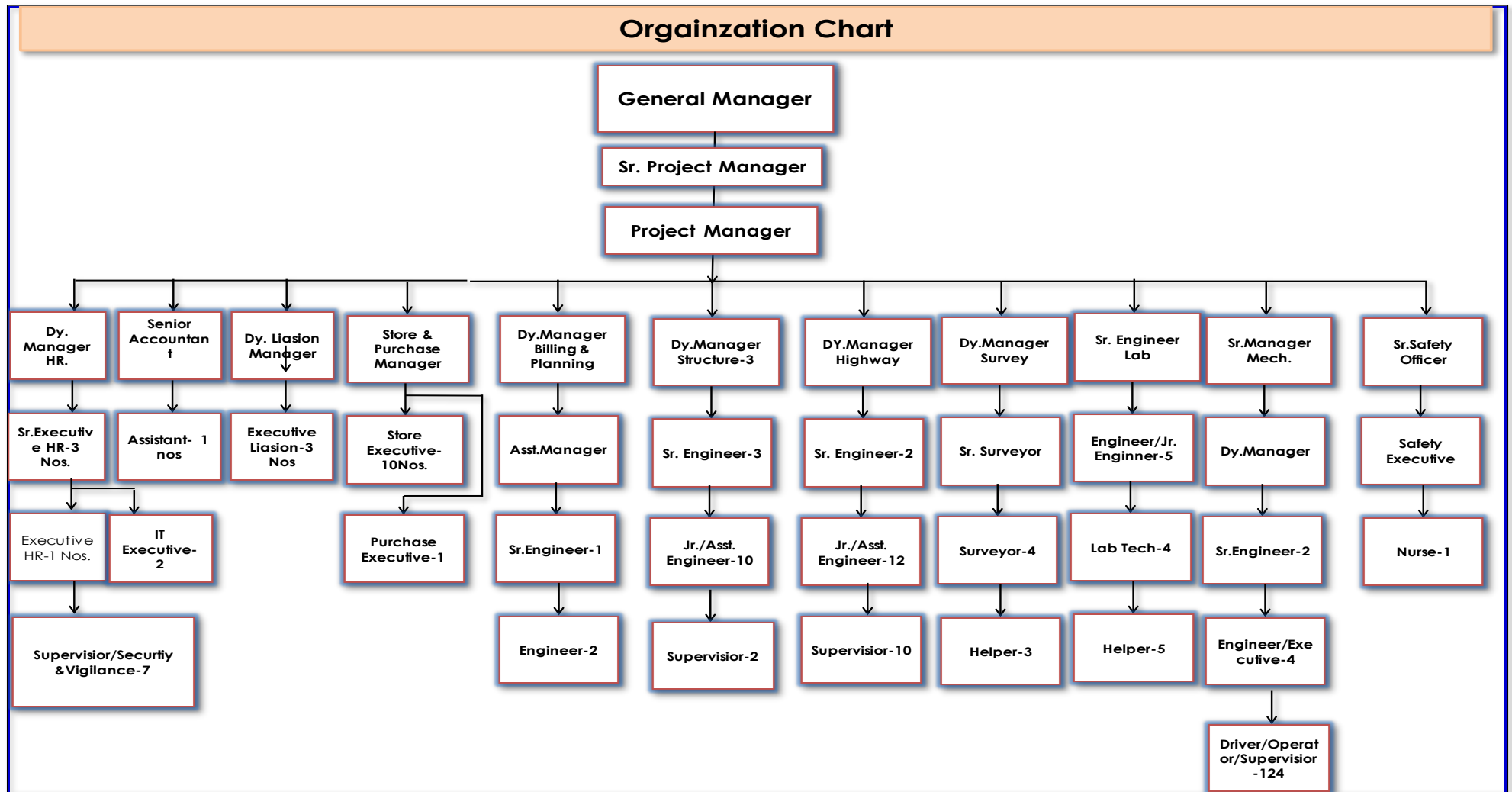
Monthly Progress Report

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## 12.8 Organization Charts of EPC Contractor





## 12.9 Quality Control Tests

SL. NO	DESCRIPTION	TYPE OF TEST	FREQUENCY OF TESTING	TEST CONDUCTED UPTO PREVIOUS MONTH			UPTO PREVIOUS MONTH WITNESS BY AE			TEST CONDUCTED FOR THIS MONTH			TEST CONDUCTED THIS MONTH WITNESS BY AE			TOTAL TEST CONDUCTED UPTO THIS MONTH			UPTO THIS MONTH WITNESS BY AE		
				NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail
1	OGL	GSA	1 Test/250mtr	160	160	0	0	0	0	0	0	0	0	0	0	160	160	0	0	0	0
		Proctor (MDD)	1 Test/250mtr	160	160	0	0	0	0	0	0	0	0	0	0	160	160	0	0	0	0
		Free Swell Index	1 Test/250mtr	160	160	0	0	0	0	0	0	0	0	0	0	160	160	0	0	0	0
		Atterberg Limits	1 Test/250mtr	160	16	0	0	0	0	0	0	0	0	0	0	160	16	0	0	0	0
		CBR	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		FDD Test	1 Set/3000m <sup>2</sup>	28	28	0	0	0	4	4		7	7	0	32	32	0	7	7	0	
2	BORROW AREA SOIL FOR EMBANKMENT	GSA	1 Test/1500 m <sup>3</sup>	509	509	0	32	32	0	6	6	0	10	10	0	515	515	0	42	42	0
		Proctor (MDD)	1 Test/1500 m <sup>3</sup>	509	509	0	32	32	0	6	6	0	10	10	0	515	515	0	42	42	0
		Free Swell Index	1 Test/1500 m <sup>3</sup>	509	509	0	32	32	0	6	6	0	10	10	0	515	515	0	42	42	0
		Atterberg Limits	1 Test/1500 m <sup>3</sup>	509	509	0	32	32	0	6	6	0	10	10	0	515	515	0	42	42	0
		CBR	1 Test/3000 m <sup>3</sup>	92	92	0	16	16	0	3	3	0	5	5	0	95	95	0	21	21	0
		FDD Test	1 Set/3000m <sup>2</sup>	480	474	6	10	10	0	78	74	4	100	93	7	558	548	10	110	103	7
3	BORROW AREA SOIL FOR SUBGRADE, SHOULDER & REINFORCED SOIL	GSA	1 Test/1500 m <sup>3</sup>	14	14	0	19	19	0	13	13	0	20	20	0	27	27	0	39	39	0
		Proctor (MDD)	1 Test/1500 m <sup>3</sup>	14	14	0	19	19	0	13	13	0	20	20	0	27	27	0	39	39	0
		Atterberg Limits	1 Test/1500 m <sup>3</sup>	14	14	0	19	19	0	13	13	0	20	20	0	27	27	0	39	39	0
		Free Swell Index	1 Test/1500 m <sup>3</sup>	14	14	0	19	19	0	13	13	0	20	20	0	27	27	0	39	39	0
		CBR	1 Test/3000 m <sup>3</sup>	3	3	0	4	4	0	3	3	0	4	4	0	6	6	0	8	8	0
		FDD Test for Subgrade	1 Set/2000 m <sup>2</sup>	16	16	0	22	22	0	0	0	0	0	0	0	16	16	0	22	22	0



**Project-**  
Delhi – Vadodara Greenfield Alignment (Pkg. No-30) from Ch.351+000 to Ch. 372+500.

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SL. NO	DESCRIPTION	TYPE OF TEST	FREQUENCY OF TESTING	TEST CONDUCTED UPTO PREVIOUS MONTH			UPTO PREVIOUS MONTH WITNESS BY AE			TEST CONDUCTED FOR THIS MONTH			TEST CONDUCTED THIS MONTH WITNESS BY AE			TOTAL TEST CONDUCTED UPTO THIS MONTH			UPTO THIS MONTH WITNESS BY AE		
				NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail
		FDD Test for Shoulder/R. E Wall		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	GRANULAR SUB-BASE [G.S.B]	Gradation	1 Test/400 m³	12	12	0	6	6	0	0	0	0	0	0	0	12	12	0	6	6	0
		Proctor (MDD)	As Required/Source	3	3	0	3	3	0	0	0	0	0	0	0	3	3	0	3	3	0
		Atterberg Limits	1 Test/400 m³	3	3	0	2	2	0	0	0	0	0	0	0	3	3	0	2	2	0
		Moisture Content (Prior to Compaction)	1 Test/400 m³	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		CBR	As Required/Source	1	1	0	1	1	0	0	0	0	0	0	0	1	1	0	1	1	0
		Water Absorption	As Required/Source	1	1	0	2	2	0	0	0	0	0	0	0	1	1	0	2	2	0
		A..I. V	As Required/Source	3	3		3	3	0	0	0	0	0	0	0	3	3	0	3	3	0
		FDD Test	1 Test/1000 m²	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	WET MIX MACADAM [WMM]	Gradation	1 Test/200 m³	12	12	0	0	0	0	0	0	0	0	0	12	12	0	0	0	0	
		Atterberg Limits	1 Test/200 m³	3	3	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	
		Proctor (MDD)	As Required	1	1	0	1	1	0	0	0	0	0	0	1	1	0	1	1	0	
		A.I.V	1 Test/1000 m³	4	4	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0	
		FI & EI Index	1 Test/500 m³	3	3	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	
		FDD Test	1 Set/1000 m²	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	PRIME COAT	Quality of Binder	2 Samples/Lot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Rate of Spread of Binder	3 Tests/Day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	



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Delhi – Vadodara Greenfield Alignment (Pkg. No-30) from Ch.351+000 to Ch. 372+500.

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				NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail
		Binder Temperature	At Regular Interval	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	TACK COAT	Quality of Binder	2 Samples/Lot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Rate of Spread of Binder	3 Tests/Day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Binder Temperature	At Regular Interval	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	Binder (Bitumen) VG-40	Penetration	1 Test/Lot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Softening Point	1 Test/Lot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Viscosity	1 Test/Lot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	DENSE BITUMINOUS MACADAM [DBM]	Extraction Test (Binder Content)	1 Set/400 MT 'or' (2 Test/Plant/Day)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		A.I.V	1 Test/350 m³	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		El & Fl Index	1 Test/350 m³	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Mix-Gradation	1 Set/400 MT 'or' (2 Test/Plant/Day)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Marshall Stability Test	1 set=3specimens Per 400MT 'or' (2 set/Plant/Day)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Max. Sp.Gr of Mix (GMM)	1 Test/400 MT 'or' (2 Test/Plant/Day)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Stripping Value	1 Test/Source	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Sp. Gr. & W.A	1 Test/Source	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Temp. of Binder & Agg. At Mixing, Production & Laying	At Regular Interval	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	



SL. NO	DESCRIPTION	TYPE OF TEST	FREQUENCY OF TESTING	TEST CONDUCTED UPTO PREVIOUS MONTH			UPTO PREVIOUS MONTH WITNESS BY AE			TEST CONDUCTED FOR THIS MONTH			TEST CONDUCTED THIS MONTH WITNESS BY AE			TOTAL TEST CONDUCTED UPTO THIS MONTH			UPTO THIS MONTH WITNESS BY AE		
				NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail
		Field Density (Core)	1 Test/700 m <sup>2</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	BITUMINOUS CONCRETE [BC]	Extraction Test (Binder Content)	1 Set/400 MT 'or' (2 Test/Plant/Day)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		A.I.V	1 Test/350 m <sup>3</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		El & Fl Index	1 Test/350 m <sup>3</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Mix-Gradation	1 Set/400 MT 'or' (2 Test/Plant/Day)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Marshall Stability Test	1 set=3specimens Per 400MT 'or' (2 set/Plant/Day)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Max. Sp.Gr of Mix (GMM)	1 Test/400 MT 'or' (2 Test/Plant/Day)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Stripping Value	1 Test/Source	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Sp. Gr. & W.A	1 Test/Source	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Temp. of Binder & Agg. At Mixing, Production & Laying	At Regular Interval	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Field Density (Core)	1 Test/700 m <sup>2</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	STONE MATRIX ASPHALT [SMA]	Extraction Test (Binder Content)	1 Set/400MT 'or' (2 Test/Plant/Day)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		A.I.V	1 Test/100 m <sup>3</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		El & Fl Index	1 Test/100 m <sup>3</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Percentage of Fractured Face	1 Test/50 m <sup>3</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		



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				NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail
		Mix-Gradation	1 Set/400 MT 'or' (2 Test/Plant/Day)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Air Voids,VMA & GMM	3 Tests/Day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Stripping Value	1 Test/Source	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Sp. Gr. & W.A	1 Test/Source	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Temp. of Binder & Agg. At Mixing, Production & Laying	At Regular Interval	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Field Density (Core)	1 Test/250 m <sup>2</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	COMPRESSIVE STRENGTH OF CONCRETE MIX-DSIGN(CUBE IN SET)	M-10	07 Days	0	0	0	0	0	0	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	0	0	0	0	0	0
		M-15	07 Days	18	18	0	0	0	0	0	0	0	0	0	0	18	18	0	0	0	0
			28 Days	18	18	0	0	0	0	0	0	0	0	0	0	18	18	0	0	0	0
		M-20	07 Days	3	3	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0
			28 Days	3	3	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0
		M-25	07 Days	4	4	0	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0
			28 Days	4	4	0	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0
		M-30	07 Days	30	30	0	0	0	0	0	0	0	0	0	0	30	30	0	0	0	0
			28 Days	30	30	0	0	0	0	0	0	0	0	0	0	30	30	0	0	0	0
		M-35	07 Days	36	36	0	0	0	0	0	0	0	0	0	0	36	36	0	0	0	0
			28 Days	36	36	0	0	0	0	6	6	0	0	0	0	42	42	0	0	0	0



**Project-**  
Delhi – Vadodra Greenfield Alignment (Pkg. No-30) from Ch.351+000 to Ch. 372+500.

REPORT #

MPR-03/Nov,2021



**Monthly Progress Report**

SL. NO	DESCRIPTION	TYPE OF TEST	FREQUENCY OF TESTING	TEST CONDUCTED UPTO PREVIOUS MONTH			UPTO PREVIOUS MONTH WITNESS BY AE			TEST CONDUCTED FOR THIS MONTH			TEST CONDUCTED THIS MONTH WITNESS BY AE			TOTAL TEST CONDUCTED UPTO THIS MONTH			UPTO THIS MONTH WITNESS BY AE				
				NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail		
		M-35 (Pile)	07 Days	66	66	0	0	0	0	0	0	0	0	0	0	66	66	0	0	0	0		
			28 Days	66	66	0	0	0	0	0	0	0	0	0	0	66	66	0	0	0	0	0	
		M-35(R.E Panel)	07 Days	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	
		M-40	07 Days	36	36	0	0	0	0	0	0	0	0	0	0	36	36	0	0	0	0	0	
			28 Days	39	39	0	0	0	0	0	0	0	0	0	0	39	39	0	0	0	0	0	
		M-40 PRECAST	07 Days	21	21	0	0	0	0	0	0	0	0	0	0	21	21	0	0	0	0	0	
			28 Days	21	21	0	0	0	0	0	0	0	0	0	0	21	21	0	0	0	0	0	
		M-45	07 Days	27	27	0	0	0	0	0	0	0	0	0	0	27	27	0	0	0	0	0	
			28 Days	30	30	0	0	0	0	0	0	0	0	0	0	30	30	0	0	0	0	0	
		M-50 RCC & PSC	07 Days	99	99	0	0	0	0	0	0	0	0	0	99	99	0	0	0	0	0		
			28 Days	108	108	0	0	0	0	3	3	0	0	0	0	111	111	0	0	0	0		
13	SITE CONCRETE WORK CUBE COMPRESSIVE STRENGTH(CUBE IN SET)	M-10	07 Days	0	0	0	0	0	0	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	0	0	0	0	0	0	0	
		M-15	07 Days	5	5	0	6	6	0	9	9	0	5	5	0	14	14	0	11	11	0	0	
			28 Days	4	4	0	7	7	0	15	15	0	23	23	0	19	19	0	30	30	0	0	
		M-20	07 Days	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0
		M-25	07 Days	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0		





**Project-**  
Delhi – Vadodra Greenfield Alignment (Pkg. No-30) from Ch.351+000 to Ch. 372+500.

REPORT #

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**Monthly Progress Report**

SL. NO	DESCRIPTION	TYPE OF TEST	FREQUENCY OF TESTING	TEST CONDUCTED UPTO PREVIOUS MONTH			UPTO PREVIOUS MONTH WITNESS BY AE			TEST CONDUCTED FOR THIS MONTH			TEST CONDUCTED THIS MONTH WITNESS BY AE			TOTAL TEST CONDUCTED UPTO THIS MONTH			UPTO THIS MONTH WITNESS BY AE				
				NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail		
		M-30	07 Days	0	0	0	0	0	0	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	0	0	0	0	0	0	0	
		M-35	07 Days	2	2	0	2	2	0	4	4	0	7	7	0	6	6	0	9	9	0	0	
			28 Days	0	0	0	0	0	0	28	28	0	41	41	0	28	28	0	41	41	0	0	
		M-35 (Pile)	07 Days	91	91	0	39	39	0	24	24	0	34	34	0	115	115	0	73	73	0	0	
			28 Days	115	115	0	173	173	0	57	27	0	57	27	0	172	142	0	230	200	0	0	
		M-35(R.E Panel)	07 Days	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0
		M-40 PRECAST	07 Days	18	18	0	17	17	0	6	6	0	9	9	0	24	24	0	26	26	0	0	
			28 Days	45	45	0	60	60	0	30	30	0	44	44	0	75	75	0	104	104	0	0	
		M-45	07 Days	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	
M-50 RCC & PSC	07 Days	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0			
14	CEMENT OPC-43	Fineness	1 Test/Lot	70	70	0	10	10	0	17	17	0	26	26	0	87	87	0	36	36	0		
		Consistency	1 Test/Lot	70	70	0	10	10	0	17	17	0	26	26	0	87	87	0	36	36	0		
		Initial and Final Setting Time	1 Test/Lot	70	70	0	10	10	0	17	17	0	26	26	0	87	87	0	36	36	0		
		Soundness	1 Test/Lot	3	3	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0		
		Compressive Strength	1 Test/Lot	10	10	0	2	2	0	2	2	0	2	2	0	12	12	0	4	4	0		
					9	9	0	2	2	0	2	2	0	11	11	0	4	4	0	0			



**Project-**  
Delhi – Vadodara Greenfield Alignment (Pkg. No-30) from Ch.351+000 to Ch. 372+500.

REPORT #

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**Monthly Progress Report**

SL. NO	DESCRIPTION	TYPE OF TEST	FREQUENCY OF TESTING	TEST CONDUCTED UPTO PREVIOUS MONTH			UPTO PREVIOUS MONTH WITNESS BY AE			TEST CONDUCTED FOR THIS MONTH			TEST CONDUCTED THIS MONTH WITNESS BY AE			TOTAL TEST CONDUCTED UPTO THIS MONTH			UPTO THIS MONTH WITNESS BY AE		
				NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail
				7	7	0	1	1	0	1	1	0	2	2	0	8	8	0	3	3	0
15	FLY-ASH	Particle retained on 45micron sieve(Wet Sieving)	Every Lot	25	25	0	10	10	0	5	5	0	7	7	0	30	30	0	17	17	0
16	COARSE AGGREGATES	Sieve Analysis	As per QAP	45	45	0	16	16	0	10	10	0	15	15	0	55	55	0	31	31	0
		Sp. Gr. & W.A	As per QAP	7	7	0	5	5	0	0	0	0	0	0	0	7	7	0	5	5	0
		Moisture Correction	As per QAP													0	0	0	0	0	0
		A.I.V Test	As per QAP	12	12	0	4	4	0	2	2	0	2	2	0	14	14	0	6	6	0
		El & Fl Index	As per QAP	8	8	0	2	2	0	2	2	0	2	2	0	10	10	0	4	4	0
17	FINE AGGREGATES	Sieve Analysis	As per QAP	45	45	0	17	17	0	10	10	0	15	15	0	55	55	0	32	32	0
		Silt Content	As per QAP	45	45	0	17	17	0	10	10	0	15	15	0	55	55	0	32	32	0
		Sp. Gr. & W.A	As per QAP	7	7	0	1	1	0	0	0	0	0	0	0	7	7	0	1	1	0
		Moisture Correction	As per QAP	45	45	0	17	17	0	10	10	0	15	15	0	55	55	0	32	32	0
18	CALIBRATION	Concrete Batching Plant	As per QAP	2	2	0	1	1	0	1	1	0	0	0	0	3	3	0	1	1	0
		Hot Mix Plant	As per QAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		WMM Plant	As per QAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Moisture Meter	As per QAP	2	2	0	1	1	0	0	0	0	1	1	0	2	2	0	2	2	0
		Moisture Contain. (Medium Size)	As per QAP	160	160	0	0	0	0	0	0	0	0	0	0	160	160	0	0	0	0



SL. NO	DESCRIPTION	TYPE OF TEST	FREQUENCY OF TESTING	TEST CONDUCTED UPTO PREVIOUS MONTH			UPTO PREVIOUS MONTH WITNESS BY AE			TEST CONDUCTED FOR THIS MONTH			TEST CONDUCTED THIS MONTH WITNESS BY AE			TOTAL TEST CONDUCTED UPTO THIS MONTH			UPTO THIS MONTH WITNESS BY AE		
				NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail
		Moisture Contain. (Small Size)	As per QAP	100	100	0	0	0	0	0	0	0	0	0	0	100	100	0	0	0	0
		Pouring Cylinder	As per QAP	5	5	0	2	2	0	0	0	0	1	1	0	5	5	0	3	3	0
		Proctor Mould	As per QAP	16	16	0	0	0	0	0	0	0	0	0	0	16	16	0	0	0	0
		Proctor Rammer	As per QAP	8	8	0	0	0	0	0	0	0	0	0	8	8	0	0	0	0	
		Slump Cone	As per QAP	7	7	0	0	0	0	0	0	0	0	0	7	7	0	0	0	0	
		Concrete Cube Moulds	As per QAP	200	200	0	0	0	0	0	0	0	0	0	200	200	0	0	0	0	
		CBR Moulds	As per QAP	61	61	0	0	0	0	0	0	0	0	0	61	61	0	0	0	0	
		Electric Oven	As per QAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Proving Ring	As per QAP	3	3	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	
		CTM 2000 KN	As per QAP	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	
		Electronic Balance	As per QAP	17	17	0	0	0	0	0	0	0	0	0	17	17	0	0	0	0	
<b>THIRD PARTY TEST</b>															0	0	0	0	0	0	
19	STEEL	All Physical & Chemical	1 Test/Lot	26	26	0	3	3	0	12	12	0	0	0	0	38	38	0	3	3	0
20	COARSE AGGREGATES	Stripping Value	As per QAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Sp. Gr. & W. A	As per QAP	8	8	0	0	0	0	0	0	0	0	0	0	8	8	0	0	0	0
		A.I.V Test	As per QAP	8	8	0	0	0	0	0	0	0	0	0	0	8	8	0	0	0	0
		Loss-Angeles	As per QAP	5	5	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0
		Soundness	As per QAP	5	5	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0
		El & Fl Index	As per QAP	5	5	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0



**Project-**  
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**Monthly Progress Report**

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				NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail
		Stone Polished Value	As per QAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Alkali Reactivity	As per QAP	3	3	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	
21	FINE AGGREGATES	Soundness	As per QAP	2	2	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	
		Sp. Gr. & W. A	As per QAP	2	2	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	
		Deleterious Material	As per QAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Alkali Reactivity	As per QAP	2	2	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	
22	WATER	All Tests	Every Three Months	5	5	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	
23	BORROW AREA (SUBGRADE&BACKFILLING)	GSA	As per QAP	10	10	0	0	0	0	0	0	0	0	0	10	10	0	0	0	0	
		Proctor (MDD)	As per QAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Atterberg Limits	As per QAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		C & φ Value	As per QAP	50	50	0	0	0	0	0	0	0	0	0	50	50	0	0	0	0	
		Free Swell Index	As per QAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		CBR.	As per QAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	CEMENT	Fineness	1 Test/Lot	5	5	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	
		Consistency	1 Test/Lot	5	5	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	
		Initial and Final Setting Time	1 Test/Lot	5	5	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	
		Soundness	1 Test/Lot	5	5	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	
		Compressive Strength	1 Test/Lot	5	5	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0
				5	5	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0
5	5			0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0		



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				NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	NO. Of Test Conducted	Pass	Fail	
25	FLY-ASH	All Tests	As per QAP	2	2	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	
26	ADMIXTURE	All Tests	As per QAP	3	3	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	
27	GSB	Deleterious content	As per QAP																			
28	Bitumen	All Tests	As per QAP																			
1	CALIBRATION	Concrete Batching Plant	As per QAP	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	
		Slump Cone	As per QAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Concrete Cube Moulds	As per QAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Electric Oven	As per QAP	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
		CTM 2000 KN	As per QAP	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
		Electronic Balance	As per QAP	17	17	0	0	0	0	0	0	0	0	0	0	0	17	17	0	0	0	0



## 12.10 Laboratory Equipment's:-

Sl. No	Equipment Name	Reference Code	Qty.	Remarks
<b>A</b>	<b>Balance</b>			
1	100 Kg capacity Semi-Self indicating type-Accuracy 2 gm electronic		2	
2	50 Kg capacity Semi-Self indicating type-Accuracy 1 gm electronic		1	
3	30 Kg capacity Semi-Self indicating type-Accuracy 1 gm Electronic		4	
4	20 Kg capacity Semi-Self indicating type-Accuracy 1 gm Electronic		1	
5	10 Kg capacity Semi-Self indicating type-Accuracy 0.5gm And 0.1gm Electronic		2	
6	7.5 Kg capacity Semi-Self indicating type-Accuracy 0.5gm Electronic		1	
7	6 Kg capacity Semi-Self indicating type-Accuracy 0.5 gm Electronic		1	
8	5 Kg capacity Semi-Self indicating type-Accuracy 0.5 gm and 1 gm Electronic		4	
9	600 gm capacity- semi-self indicating Type Accuracy .01 gm Electronic		2	
10	500 gm capacity- semi-self indicating Type Accuracy .01 gm Electronic		0	
11	<b>Ovens-electrically operated, thermostatically controlled (including thermometer), stainless steel interior</b>		2	
12	<b>Sieves: as per IS:2386 PART I</b>			
13	Test sieve set 450mm internal dia. As per IS complete with lid and pan	IS-460 & ISO-565		
14	100 mm		2	
15	90 mm		1	
16	80 mm		1	
17	75 mm		2	
18	63 mm		2	
19	53 mm		2	
20	50 mm		2	
21	31.5 mm		2	
22	16 mm		2	
23	14 mm		1	
24	11.2mm		2	
25	5.6 mm		2	
26	5.0 mm		2	
27	2.8 mm			
28	Test sieve set 450mm internal dia. As per IS complete with lid and pan	IS-460 & ISO-565		
29	45 mm		2	
30	40 mm		2	
31	37.5 mm		2	
32	26.5 mm		2	
33	25 mm		3	
34	22.4 mm		2	
35	20 mm		4	
36	19 mm		1	
37	13.2 mm		2	
38	12.5 mm		3	
39	10 mm		6	
40	9.5 mm		2	
41	6.3 mm		2	



**Monthly Progress Report**

Sl. No	Equipment Name	Reference Code	Qty.	Remarks
42	4.75 mm		6	
43	2.36 mm		1	
44	Test sieve set 200mm internal dia( brass frame and brass wire cloth mesh) as per IS complete with lid and pan	IS-460 & ISO-565		
45	2.8mm		3	
46	1.40 mm		1	
47	0.850 mm		3	
48	0.710 mm		3	
49	0.355 mm		3	
50	0.250 mm		2	
51	0.212 mm		2	
52	0.125 mm		2	
53	0.045 mm		4	
54	0.015 mm		5	
55	Test sieve set 200mm internal dia( brass frame and brass wire cloth mesh) as per IS complete with lid and pan	IS-460 & ISO-565		
56	4.75mm		2	
57	2.36 mm		10	
58	2.0 mm		2	
59	1.7 mm		3	
60	1.18 mm		6	
61	0.090 mm		5	
62	Test sieve set 200mm internal dia( brass frame and brass wire cloth mesh) as per IS complete with lid and pan	IS-460 & ISO-565		
63	1.00 mm		4	
64	0.432 mm		1	
65	0.600 mm		8	
66	0.425 mm		7	
67	0.300 mm		7	
68	0.180 mm		6	
69	0.150 mm		4	
70	0.075 mm		13	
71	0.015 mm		2	
72	2000 kN compression testing machine DIGITAL Electric operated	IS-516	1	
73	stop watches 1/5 sec. accuracy		2	
74	Flakiness and Elongation test gauges as per IS:2386, Part-1	IS:2386(part-1)	2	
75	Aggregate Impact Value Test apparatus as per IS 2386(part-iv)	IS:2386(part-4)	1	
76	Glass ware comprising beakers, pipettes, dishes, measuring cylinders(100 to 1000cc capacity glass rods and funnels, glass beakers)			
77	50ml		6	
78	100ml Graduation (0-100mm) - Borosil Make		33	
79	250ml		13	
80	500ml		10	
81	1000ml		7	
82	Beaker - 1000 ml		3	



Sl. No	Equipment Name	Reference Code	Qty.	Remarks
83	Beaker - 500 ml		13	
84	Beaker - 250 ml		9	
85	Glass rod		8	
86	Hot plates 200mm dia(1500watt)		2	
87	Riffle box of slot size 75mm as per ASTM C-136		1	
88	Riffle box of slot size 50mm as per ASTM C-136		1	
89	Spatula set of 100,200 and 300 mm long		10	5 Small, 5 Big
90	First aid box		2	
91	Enamel TRAYS (600 mm X 450 mm x 50 mm)		9	
92	Enamel trays (300 mm X 300 mm x 40 mm)		6	
93	Enamel trays (300 mm X 450 mm x 40 mm)		3	
94	GI Trays (600mm*600mm*50mm)		1	
95	GI Trays (900 mm X 600 mm x 50 mm)		4	
96	Enamel TRAYS (300 mm X 250 mm x 40 mm)		9	
97	Enamel trays (450 mm X 300 mm x 40 mm)		6	
98	GI Trays (1000 mm X 750 mm x 75 mm)		6	
99	GI Trays (600mm*450mm*50mm)		2	
100	GI Trays (2200 mm X 600 mm x 80 mm)		3	
101	Trays for Tackcoat		16	
102	Hygrometer (Max. / Min. Thermometer with Humidity meter)		4	
103	Rainfall Gauge		2	
104	Rainfall Gauge - Measures		4	
105	PVC WARES			
106	25ml		0	
107	50ml		0	
108	100ml		0	
109	250ml		1	
110	500ml		1	
111	1000ml		2	
112	Funnel		0	
113	Wash bottle		3	
114	Wind Velocity Meter(Amenometer)		0	
115	Scoop Small size (500 gm)		8	
116	Scoop large size (2.0 kg)		3	
117	Scoop Medium size (1.0 kg)		1	
118	Digital Thermometer range (0° to 300°)		7	
119	Dial Thermometer range (0° to 300°)		0	
120	Laser Thermometer range (0° to 300°)			
121	Glass Thermometer range (-10° to 100°)		2	
122	Glass Thermometer range (-10° to 300°)		1	
123	Vernier Callipers calibrated 200 mm (Digital Type)		1	
124	Vernier Callipers calibrated 45cm long Calibrated		1	
125	Steel Tape 5m and 30 meter		1	
126	Standard Weights Calibrated 2000kg, (0.5 kg to 50 kg)-Plant calibration	As required	0	
127	Standard Weights Box Calibrated (1gm to 200gm)		1	



**Project-**

Delhi – Vadodara Greenfield Alignment (Pkg. No-30) from Ch.351+000 to Ch. 372+500.

REPORT #

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Sl. No	Equipment Name	Reference Code	Qty.	Remarks
128	Spirit Level		2	
129	Depth Gauge 300 mm		9	
130	Liquid limit and plastic limit - IS-2720 (Part-5)		0	
131	a) Liquid limit device with Casagrande and grooving tools and as per IS:2720	IS-9259	1	
132	b) Single point LL device (Penetrometer)	IS : 11196	0	
133	c) Moisture content cantainers Aluminium 50 gm capacity		200	
134	c) Moisture content cantainers Steel 50 gm capacity		25	
135	d) Moisture content cantainers Aluminium 100 gm capacity		130	
136	e) Plastic Limit Apparatus	IS-2720 (Part-5)	1	
137	Sampling pipettes fitted with pressure and suction inlets, 10ml capacity			
138	Laboratory compaction as per IS-2720(Part-8)			
139	a) Compaction apparatus (heavy) 1000cc mould	IS : 10074	10	
140	b) Compaction apparatus (heavy) 2250cc Mould	IS : 10074	6	
141	c) Compaction hammer (heavy) 4.89 kg rammer	IS : 9198	5	
142	c) Compaction hammer (Light) 2.6 kg rammer	IS : 9198	3	
143	Sand pourig cylinder (100mm) with conical funnel and top and base plate as per IS:2720 (Part-28)			
144	100 mm dia	IS:2720 (Part-28)	4	
145	150 mm dia		5	
146	200 mm dia	IS:2720 (Part-28)	3	
147	Sand Pouring Trays 100 mm	IS:2720 (Part-28)	10	
148	Sand Pouring Trays 150 mm		9	
149	Sand Pouring Trays 200 mm	IS:2720 (Part-28)	8	
150	a) Floor mounted electro-mechanical load frame 5 tone capacity with automatic strain control CBR plunger with penetration dial gauge holder	IS : 9669	1	
151	b) CBR mould complete with collar, base plate, etc.	IS : 9669	61	
152	c) Swell stands for holding dial gauge with dial gauge	IS : 9669		
153	e) Surcharge weight with central hole of 2.5 kg. weight with central hole	IS : 9669	60	
154	e) Surcharge weight with central hole of 5 kg. weight with central hole		5	
155	e) Surcharge weight with central hole of 2.5 kg. weight with slotted hole		64	
156	e) Surcharge weight with central hole of 5 kg. weight with slotted hole		2	
157	f) Spacer disc with handle	IS : 9669	2	
158	g) Perforted brass swell plate with adjustable cap on handle	IS : 9669	63	
159	h) High tensile strain calibrated proving rings of 2.5 kN		1	
160	h) High tensile strain calibrated proving rings of 10 kN		2	
161	h) High tensile strain calibrated proving rings of 25 kN		1	
162	h) High tensile strain calibrated proving rings of 30 kN		1	
163	h) High tensile strain calibrated proving rings of 50 kN		1	
164	i) Dial gauge, 25mm travel-0.01mm/division		9	



Sl. No	Equipment Name	Reference Code	Qty.	Remarks
165	Speedy moisture tester complete with carrying case and supply of reagent ( with 25% dial gauge)	IS:2720 (Part-2)	6	
166	Rubber/Wooden Mallet		7	
167	Cutting Edge 30 cm long		1	
168	FILTER PAPER 150 mm dia		4	
169	Hydrometer for Bentonite density test (graduation 1.00 to 1.2 g/cc)		5	
170	Hydrometer for Soil Grain Size Analysis		0	
171	Direct Shear Testing Machine		1	
172	Nuclear gauge for density and moisture content determination to the requirements of AASHTO 238 AND 239		0	
173	Standard Penetration Test Equipment		0	
174	Unconfined Comprssion test Apparatus		0	
175	Vicat needle apparatus for settintg time with plungers	IS : 5513	1	
176	Moulds		-	
177	a) 150mm x 150mm x 150mm cube moulds	IS:10086	184	
178	b) 70.6mm moulds ( each size) as per IS	IS:10080	18	
179	c) 50mm moulds ( each size) as per IS	IS:10086	6	
180	d) 100mm x 100mm x 100mm moulds	IS:10086	9	
181	e) 150x150x700mm Beam moulds	IS:10086	0	
182	e) 150x150x750mm Beam moulds		9	
183	f) 150 mm x 300 mm Height cylinder with Capping Set	IS:10086	0	
184	High frequency mortar cube vibrator for cement testing with poking Rod	IS:10080	1	
185	Concrete mixer (Drum Type ) power driven, 2 cu.ft. capacity		1	
186	Concrete mixer (Pan Type ) power driven, 150 kg. capacity		0	
187	Vibrating Table for PQC Beam Casting 1m X 1m as per relevant British standard		1	
188	Equipment for slump test(C-143)/compacting factor Apparatus complete	IS:1199	-	
189	Slump cone		7	
190	Slump Rod		5	
191	Flow table as per IS:712-1973	IS:1199	0	
192	Equipment for Determination of specific gravity for fine aggregate as per IS:2386(part-3)	IS-2386(Part-II)	7	
193	Equipment for Determination of specific gravity for coarse aggregate as per IS:2386(part-3)	IS-2386(Part-II)	2	
194	Le-chatelier Soundness testing apparatus for cement	IS : 5514	6	
195	Ennore Sand (grade-I,II & III) each	IS : 650	1	
196	Permeability Test Apparatus	For concrete	1	
197	Vibratory Hammer for DLC	MoRT&H	1	
198	Cement Gauging Trowel	IS:10086	4	
199	Temping bar square section with temping face 25 mm and 400 mm long with 2 kg weight.	IS:10086	1	
200	Standard measures of 30, 15, 3 litre capacity along with standard tamping rod	IS:10079	1	
201	Constant Water bath for Marshal test with Digital controller		2	
202	Core Cutting machine (Hilti Make) 150 mm dia for DLC and PQC		0	
203	Sand Patch test Apparatus (Tinning Measurement)	As per MoRT&H	0	



Sl. No	Equipment Name	Reference Code	Qty.	Remarks
204	Marsh Cone Apparatus		1	
205	Diesel/Electrical Needle Vibrator with 25mm lead		0	
206	Concrete Penetrometer (Initial Setting Time)	IS:8142	0	
207	Bump Integrator (Roughometer)		0	
208	3 meter Straight edge and measuring wedge		0	
209	Constant temperature bath for accommodating bitumen test specimen , electrically operated, and thermostatically controlled, stainless steel interior, 50 litres capacity, ambient to 100 degree temperature range		0	
210	Bitumen pentrometer automatic type, including adjustable weight arrangement, and needles as per IS 1203	IS:1203	1	
211	PENETRATION CUP (Small)	IS:1203	2	
212	PENETRATION CUP (Big)		0	
213	Soxhlet Extraction or Centrifuge type motorized bitumen extraction apparatus to the requirement of AASHTO T164	AASHTO T164	1	
214	FILTER PAPER		6	
215	AUTOMATIC COMPACTOR FOR MARSHAL TEST-(4" AND 6" DIA. SPECIMEN)-(UNIVERSAL MODEL)		1	
216	a) Marshall compaction Testing apparatus as per ASTM 1559-62 T and complete with electrically operated automatic loading unit, compaction pedestal, breaking assembly for Marshall Stability & Retained tensile Strength (100mm & 150mm), flow meter, load transfer bar and Plate	MS-2, IRC-111-2009 and AASHTO T 283	1	
217	b) compaction pedestal 100 mm and 150mm dia - Each		1	
218	c) Specimen moulds 100 mmdia with base plate, collars		21	
219	c) Specimen moulds 150mm dia with base plate, collars		21	
220	d) compaction hammer 4.53 kgx457 mm fall 100mm		3	
221	d) compaction hammer 150 mm dia		3	
222	f) Distance Reading Digital Thermometer range (0° to 300°)		0	
223	h) Breaking Head 100mm		2	
224	h) Breaking Head 150mm		2	
225	Ring and ball Apparatus as per IS 1205 with stirrer and all Accessories	IS:1205	1	
226	Ring and ball - Accessories		2	
227	SAYBOLT Floro Viscometer for Emulsion	IS-3117	0	
228	SAYBOLT Emulsion - 60ml borosil		4	
229	Core cutting machine Diesel operated / Electrical operated (Hilti Preferably) with barrel (30mm long) and diamond cutting Bit		0	
230	Extra 10cm dia diamond cutting edge (Bit) without Barrel		0	
231	Extra 15cm dia diamond cutting edge (Bit) without barrel		0	
232	Apparatus for Determination of specific Gravity IS-1202 (50ml and 100ml)	IS:1208	5	
233	Maximum specific gravity Apparatus for - 5 lts bottle capacity	ASTM D2041 & IRC-111	1	
234	Maximum specific gravity Apparatus for - 2 lts bottle capacity		0	
235	Vaccum Pump		1	
236	Viscosity Test Apparatus including water bath and viscosity tubes for Absolute and Kinematic viscosity as per IS -1206(part-II & III) with calibration Certificate of Tubes (Micro cotroller)	IS - 1206(part-II & III)	0	
237	Viscosity Test Apparatus - Absolute viscosity Tube		0	

**Project-**

Delhi – Vadodara Greenfield Alignment (Pkg. No-30) from Ch.351+000 to Ch. 372+500.

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Every Milestone is our Value

**Monthly Progress Report**

Sl. No	Equipment Name	Reference Code	Qty.	Remarks
238	Viscosity Test Apparatus - Kinematic viscosity Tube		0	
239	Bitumen laboratory mixer including required accessories (20 litres.)		0	
240	Freeze Temperature Maintaining -25°C to 50°C		1	
241	Marshall mould demouder (Pressure type)		1	
242	Thin film oven test apparatus to the requirement of AASHTO T 179 including accessories (for Modified Bitumen)	AASHTO T 179	1	
243	Apparatus for Determination of ductility test as per IS 1208 with Elastic Recovery Mould (for Modified Bitumen)	IS:1208	0	
244	Ductility test -Mould		0	
245	Elastic Recovery test -Mould		0	
246	Flash Point Apparatus	IS:1209	0	
247	Soxhlet Bitumen Impurities test apparatus		0	
248	Calcium Carbide (Box)		4	
249	Gas Stove Single Burner		3	
250	Trowels Big and Medium		8	
251	Concrete Finisher		13	
252	Spade		0	
253	Crowbar and Gaity		1	
254	Ground glass plate with rounded edges 600mmx600mmx10mm		2	
255	Spoon Medium size		2	
256	Local Filter Paper		0	
257	French Curve		2	
258	Computer With Printer		1	
259	Stationeries, Almirah and Racks		2	
260	AC ( 2 tons capacity)		1	
261	Hand Gloves ( asbestos and Rubber)		4	
262	Gas Stove Double Burner		1	
263	Heating Pans		2	
264	density Spoon		4	
265	Spoons		2	
266	Emersion Rod		3	
267	Spirit level		2	
268	Chiesel		13	
269	Hammer		7	
270	Enamel Pot		5	
271	Blower Heater		0	
272	Green Net (Bundle)		0	
273	White Marker Board (2ft X 3ft)		1	
274	Metal ramp plate for core cutting machine Loading and unloading		0	
275	Water Heater		4	
276	PH Meter Range (0 to 14)		1	
277	MS Rack (Old)		3	
278	Cauldron (Kadai) Small Size		1	
279	Cauldron (Kadai) Big Size		1	



## 12.11 Weather Report

WEATHER REPORT - November (2021) - Khandoli Camp								
Sl. No.	Date	Temperature °C		Humidity (%)		Rainfall (mm)	Cum.Rainfall (mm)	Weather Condition
		Max	Min	Max	Min			
1	01-11-2021	29.20	22.10	65.00	59.00	0.00	957.00	sunny
2	02-11-2021	30.50	23.60	64.00	58.00	0.00	957.00	sunny
3	03-11-2021	31.50	24.20	66.00	56.00	0.00	957.00	sunny
4	04-11-2021	29.60	24.30	65.00	58.00	0.00	957.00	sunny
5	05-11-2021	30.70	23.00	67.00	56.00	0.00	957.00	sunny
6	06-11-2021	28.50	26.00	63.00	59.00	6.00	957.00	sunny
7	07-11-2021	27.30	25.30	57.00	54.00	0.00	957.00	sunny
8	08-11-2021	28.80	26.30	65.00	59.00	0.00	957.00	sunny
9	09-11-2021	27.70	26.80	65.00	61.00	0.00	957.00	sunny
10	10-11-2021	28.90	27.80	64.00	59.00	0.00	957.00	sunny
11	11-11-2021	28.60	26.60	63.00	58.00	0.00	957.00	sunny
12	12-11-2021	29.80	27.20	60.00	56.00	0.00	957.00	sunny
13	13-11-2021	28.50	21.90	64.00	57.00	0.00	957.00	sunny
14	14-11-2021	29.60	26.90	63.00	57.00	0.00	957.00	sunny
15	15-11-2021	28.90	21.70	64.00	56.00	0.00	957.00	sunny
16	16-11-2021	29.00	26.70	64.00	56.00	0.00	957.00	sunny
17	17-11-2021	28.00	25.80	63.00	57.00	0.00	957.00	sunny
18	18-11-2021	32.30	23.50	58.00	50.00	0.00	957.00	sunny
19	19-11-2021	32.90	22.90	78.00	46.00	0.00	957.00	sunny
20	20-11-2021	33.40	22.90	78.00	41.00	0.00	957.00	sunny
21	21-11-2021	34.10	22.90	78.00	41.00	0.00	957.00	sunny
22	22-11-2021	35.90	22.90	79.00	42.00	0.00	957.00	sunny
23	23-11-2021	34.80	22.70	76.00	40.00	0.00	957.00	sunny
24	24-11-2021	30.70	21.60	75.00	43.00	0.00	957.00	sunny
25	25-11-2021	33.60	22.60	74.00	42.00	0.00	957.00	sunny
26	26-11-2021	29.80	20.10	73.00	40.00	0.00	957.00	sunny
27	27-11-2021	30.10	20.30	70.00	42.00	0.00	957.00	sunny
28	28-11-2021	31.30	19.60	69.00	40.00	0.00	957.00	sunny
29	29-11-2021	32.50	20.80	70.00	43.00	0.00	957.00	sunny
30	30-11-2021	31.40	20.3	75.00	40.00	0.00	957.00	sunny

## 12.12 Photographs



Approach work in progress @358+100 A-1 side



LVUP Bed Compaction @ 356+849 LHS



Diversion Rolling at ch. 362+000



Safety - Tool Box talk in A1 site at site



Pouring P2 pier shaft@ 352+281



Pile Boring @352+281 MJB



Pile Cap Pouring at ch.352+281 MJB



Box Culvert Excavation at ch.367+650



MJB Steel winding A1 LHS at Ch 359+936





Pre Cast Box Culvert Segment Casting at Plant



Electrical DP pole erection



Grading & Rolling



Dumping of Embankment



Embankment FDD checking at Site



Watering for OGL layer



Pile Cap Steel at MJB 351+282