

**PIL/DVE30/AE/270/2021****Date: 07.03.2022****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 February, 2022 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 February, 2022 for your information & records please.

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

**Authorized Signatory****Encl.: Set of MPR.**

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

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सड़क परिवहन और राजमार्ग मंत्रालय  
MINISTRY OF ROAD TRANSPORT & HIGHWAYS

भारत सरकार

Government of India



BHARATMALA  
ROAD TO PROSPERITY



## 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

February'2022



**Client**

**National Highway Authority of India**



**Authority Engineer**

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

**PATEL**

Every Milestone is our Value

**EPC Contractor**

**PATEL INFRASTRUCTURE LTD**



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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               | = | 1.40 Km  |
| c) Major Bridge                           | = | 07 Nos. MJBs at:   |
|   |   | 1. 352+281<br>(18x35+2x25+2x35+1x66+1x63+1x66+2x35+1x25+22x35+1x25+1x45&18x35+1x25+2x35+1x66+1x63+1x66+2x35+2x25+22x35+1x25+1x45=1880 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	33.76	33.76		41.692	
		SR	Km	2.28		0		2.28	
2	Earthwork up to Subgrade top	MCW	Km	75.452	4.62	5.34	9.96	5.9	59.592
		SR	Km	2.28			0		2.28
3	Sub-Base Course	MCW	Km	75.452	2.16	6.46	8.62	1.8	65.032
		SR	Km	2.28			0		2.28
4	Non Bituminous Base	MCW	Km	75.452		0.4	0.4		75.052
		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		3	
2	Minor Bridge	Nos	3		2	
3	SVUP	Nos	3	1	1	
4	LVUP	Nos	6	2	3	
5	VUP	Nos	1	-	-	
6	Box Culvert	Nos	54	18	6	
	<b>Total</b>	<b>Nos</b>	<b>74</b>	<b>21</b>	<b>15</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	33.03	3.88%	29.97	63.00	7.40%	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	6.01%	2.71%	8.72%	AD.08.09.2021



### 5.5 Financial Planned Target/Achievement:-

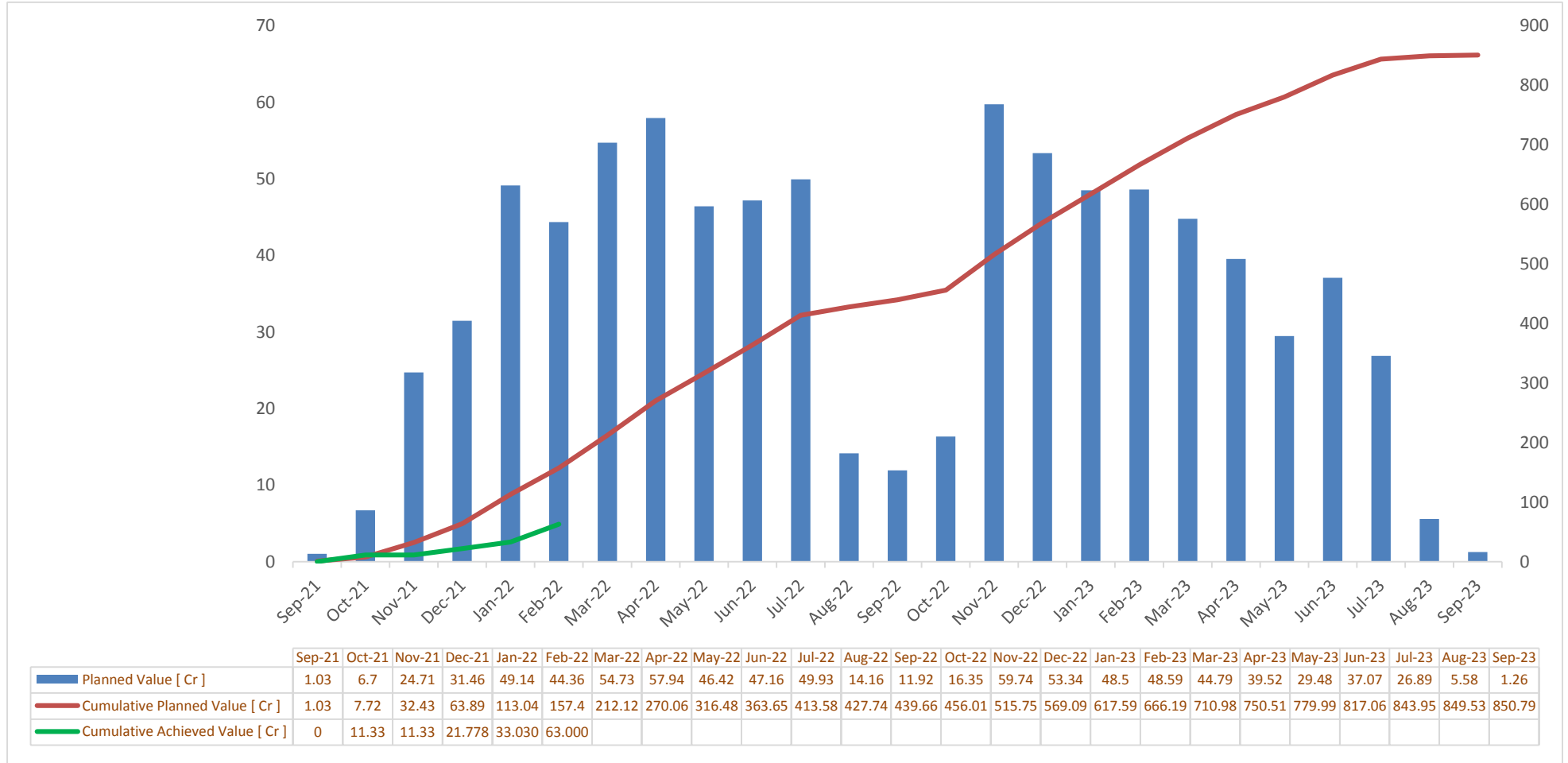
We have submitted the project construction program and cash flow. We are attaching the month wise target upto September 2023.

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	10.45	21.77	
5	Jan-22	49.14	113.04	11.25	33.03	
6	Feb-22	44.36	157.4	29.97	63.00	
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:-

### 6.1 Critical issues:-

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( SSNL dept.) and 4 Nos location where GWSS underground water pipe line has encountered. Shifting work for this line are to be considered in COS as per contract Agreement.	
5	EHT Line Shifting	Process of Estimation of GETCO line is almost final, but we have lots of observation for ADAANI EHT line mentioned in letter.	

### 6.2 Drawing pending Status:-

In this table we are showing the pendency of drawing herein submission reference and required approval preference details

Sub S.no	Type of str.	Chainage	Components	Submission Ref.	Remarks
1	Highway	P&P 354.530 to 354.799 P&P 358.735 to 359.614 P&P 362.950 to 363.149 P&P 366.805 to 367.278	Plan & Profile Connecting Road	PIL Letter 223 Dt. 08.01.22	Awaited for your approval



Sub S.no	Type of str.	Chainage	Components	Submission Ref.	Remarks
2	MAJOR BRIDGE	352+281	<b>Narmada Main Canal</b>	PIL Letter- 095 Dt. 07.08.21, 097, Dt. 13.08.21, 102 Dt. 21.08.21, 93 Dt.06.08.21, 228 Dt.01.04.21, 063 Dt. 18.06.21, 214 Dt.27.12.21	1)Awaited substructure approval 2) Awaited 45 m span PSC girder approval 3) Awaited 35m span PSC girder approval 4) Awaited variable Span of PSC girder approval
3		355+789	<b>River</b>	PIL Letter 138 Dt.05-10-21, 304 Dt. 14.04.21	1) Bearing Layout 2) Geotechnical Investigation Report
4		358+050	<b>River</b>	PIL Letter 262 Dt.14.04.21	1) Geotechnical Investigation Report
5		359+936	<b>Nala- Catchment Area</b>	PIL Letter – 263 Dt.14.04.21	1) Geotechnical Investigation Report
6		365+593	<b>Branch Canal</b>	PIL Letter – 100 Dt.19-08-21	1) GAD
7		MINOR BRIDGE	357+312	<b>Branch Canal</b>	PIL Letter- 375 Dt. 29.05.21,
8	LVUP	371+700	<b>BT Road</b>	PIL Letter 157 Dt. 21.10.21	1)Test Pile Drawings (Revised)
9	Box Culvert	356+469 (356+465)		PIL Letter 184 Dt. 25.11.21	Awaited for your approval
10		360+477		PIL Letter 194 Dt. 04.12.21	
11		360+739		PIL Letter 194 Dt. 04.12.21	
12		361+641		PIL Letter 194 Dt. 04.12.21	
13		365+900		PIL Letter 201 Dt. 14.12.21	
14		367+089		PIL Letter 201 Dt. 14.12.21	
15		367+896 (367+898)		PIL Letter 179 Dt. 20.11.21	
16		369+361		PIL Letter 194 Dt. 04.12.21	



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

REPORT #  
MPR-06/Feb-2022



**Monthly Progress Report**

Sub S.no	Type of str.	Chainage	Components	Submission Ref.	Remarks
18		371+028		PIL Letter 194 Dt. 04.12.21	
			<b>Precast Box Culvert Detailed Location Wise GAD</b>	PIL Letter 147 Dt. 11.10.21, 122 Dt. 15.09.21, 217 Dt. 31.12.21 239 dt.05.02.22	Awaited for your approval
			<b>Boundary Wall</b>	PIL Letter 096 Dt. 09.08.21	Awaited for your approval
			<b>Way Side Amenity (Layout)</b>	PIL Letter 212 Dt.24.12.21	Awaited for your approval
			<b>Curtain Wall</b>	PIL Letter 212 Dt.24.12.21	Awaited for your approval





## 7 Status of Land Acquisition & Utility shifting

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

Hindrances Details with Land Acquisition Status of DVE-30								
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- Kalol Village Derol		1.200	0.025		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			Payment on 21.12.21	Inheritance in Process
			256	0.0067			Payment on 21.12.21	
			239	0.1931			Payment on 21.12.21	3 Person Died Varsai is Pending
			242	0.0567			Payment on 21.12.21	
			245	0.1512			Payment on 21.12.21	
			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	



**Hindrance Details with Land Acquisition Status of DVE-30**

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						
			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
			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



**Hindrance Details with Land Acquisition Status of DVE-30**

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						
			403	0.2046			5-Jul-21	Physical Possession Received
			396	0.1883			5-Jul-21	
			405	0.009			5-Jul-21	
			395	0.4213			5-Jul-21	
			397	0.1123			5-Jul-21	
<b>2</b>	<b>352+200</b>	<b>353+600</b>	<b>Tehsil- Kalol Village Sama</b>		<b>1.400</b>			<b>Work excuting in this strech with force possession</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				
			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			<b>Payment on 21.12.21</b>	
			920	0.0072			23-Sep-21	Physical Possession Received
			961	0.02			23-Sep-21	Physical Possession Received
			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



**Hindrance Details with Land Acquisition Status of DVE-30**

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						
			881	0.0089			18-Oct-21	Physical Possession Received
			880	0.0839			18-Oct-21	Physical Possession Received
			873	0.2678			18-Oct-21	Physical Possession Received
			878	0.1367			18-Oct-21	Physical Possession Received
			876	0.211			18-Oct-21	Physical Possession Received
			93	0.1882			18-Oct-21	Physical Possession Received
			866	0.6373			18-Oct-21	Physical Possession Received
			867	0.9746			18-Oct-21	Physical Possession Received
			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	Physical Possession Received
			96	0.2087			4-Aug-21	Physical Possession Received
			95	0.4208			14-Sep-21	Physical Possession Received
			94	0.5662			6-Oct-21	Physical Possession Received
			864	0.1049			6-Oct-21	Physical Possession Received
			874	0.3277			6-Oct-21	Physical Possession Received
			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				Land in Dispute. Payment Stopped
			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	Physical Possession Received
			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 Village Bhadroli Bujurg</b>		<b>2.200</b>	<b>0.250</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



**Hindrance Details with Land Acquisition Status of DVE-30**

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						
			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				
			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	



**Hindrance Details with Land Acquisition Status of DVE-30**

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						
			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
			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>0.090</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



**Hindrance Details with Land Acquisition Status of DVE-30**

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						
			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			<b>Payment on 10.12.21</b>	Payment Pending at CALA
			1642	0.3672			14-10-2020	Physical Possession Received
			1641	0.3314			02-02-2021	Physical Possession Received
			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 Village Ratanpura</b>		<b>2.000</b>	<b>0.435</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



**Hindrance Details with Land Acquisition Status of DVE-30**

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						
			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	
			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	
			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	
			17	0.2125			22-01-2021	
			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	
			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	
			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





**Hindrance Details with Land Acquisition Status of DVE-30**

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						
			198	0.3339			5-Jun-21	
			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
			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 Village Nevariya</b>		<b>3.400</b>	<b>1.020</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



**Hindrance Details with Land Acquisition Status of DVE-30**

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						
			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
			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
<b>7</b>	<b>362+300</b>	<b>362+900</b>	<b>Tehsil- Savli Village Kambola</b>		<b>0.600</b>			<b>Work excuting in this stretch with force possession</b>
			93/1	1.1296			12-01-2021	Physical Possession Received
			93/2					
			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
<b>8</b>	<b>362+900</b>	<b>365+400</b>	<b>Tehsil- Savli Village Mal Ankaliya</b>		<b>2.500</b>	<b>2.400</b>		<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.



**Hindrance Details with Land Acquisition Status of DVE-30**

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						
			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.
			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				
			251/5	0.1177				There is a question of jantri.
			251/4	0.3449				There is a question of jantri.
			251/2	0.0063				
			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.



**Hindrance Details with Land Acquisition Status of DVE-30**

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						
			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.
			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 Village Ranipura</b>		<b>2.700</b>	<b>1.450</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



**Hindrance Details with Land Acquisition Status of DVE-30**

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						
			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
			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	Physical Possession Received
			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	Physical Possession Received
			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	Physical Possession Received
			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.Sat.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



**Hindrance Details with Land Acquisition Status of DVE-30**

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						
			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
			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/ pai ki1	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



**Hindrance Details with Land Acquisition Status of DVE-30**

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						
			640/12	0.0131				
			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	
1	370+	371+	Tehsil- Savli Village Gangediya		1.20	1.150		<b>Temple, Home, Underground water Pipe Line &amp; Payment Issues of Land</b>
1	500	700						
			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



**Hindrance Details with Land Acquisition Status of DVE-30**

Sr. No.	Chainage		Block / Survey Number	Area in Hec of 3G Land	Length (Km)	Hindranced Length (Km)	Date of Land Hand over / Physical Possession Received / Force Possession	Hindrances Description
	From	To						
			79/39/a	0.119				Documents Pending
			79/39/b	0.3471				Documents Pending
			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 Village Pratapnagar		0.80 0	0.050		Temple, Home, Underground water Pipe Line & Payment Issues of Land
			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>9.170</b>		

<b>Total Land of the Project BHS in Km.</b>	<b>21.500</b>
<b>Hindered Land in Km.</b>	<b>9.170</b>
<b>Total Net Effective Hindered Length (%)</b>	<b>42.65%</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)	Hindrances Description
			LHS	RHS		
1	351+200	351+250	50		50	Internal Payment dispute due Religious Structure
2	351+700	351+750			0	Derol village Smashan Structure
3	354+000	354+080	80	80	160	Nine Death Inheritance Pending
4	355+200	355+260	60		60	Award in process and Re-survey done
5	355+400	355+680		280	280	Payment pending document not present internal dispute
6	356+480				0	Temple to be shift
7	356+600	356+670	70	70	140	3G & 3H Pending
8	356+700	356+740	40		40	Payment Pending
9	357+100	357+110		10	10	Building
10	357+100	357+250	150	150	300	Inheritance note rejected , appeal in Prant office & house on Land
11	357+370	357+500	130	130	260	Document Pending Recently award done
12	358+440	358+500	60		60	3A Done Award Pending
13	358+580	358+700	120	120	240	Partly Payment done but at spot more land used than award Re- Serve Needed 3D Pending
14	358+900	359+080	180	180	360	3G & 3H Pending
15	359+400	359+440	40		40	3D & 3G Pending time to time villagers Stop the work
16	360+540	360+640	100	100	200	3D & 3G Pending time to time villagers Stop the work
17	360+800	360+900		100	100	3D & 3G Pending time to time villagers Stop the work
18	361+000	361+170	170	170	340	3D & 3G Pending time to time villagers Stop the work
19	361+400	361+600	200	200	400	3D & 3G Pending time to time villagers Stop the work



Sr. No.	CH From	CH To	Length (Km)		Hindrance Length (M)	Hindrances Description
			LHS	RHS		
20	361+900	362+000	100	100	200	3D & 3G Pending time to time villagers Stop the work
21	362+030	362+100	70	70	140	3D & 3G Pending time to time villagers Stop the work
22	362+100	362+230	130	130	260	3D & 3G Pending time to time villagers Stop the work
23	363+000	363+100	100	100	200	DLC Dispute
24	363+005	363+025			0	LHS Building
25	363+100	363+200	100	100	200	DLC Dispute
26	363+200	363+300	100	100	200	DLC Dispute
27	363+300	363+400	100	100	200	DLC Dispute
28	363+400	363+600	200	200	400	DLC Dispute
29	363+600	363+800	200	200	400	DLC Dispute
30	363+750	363+760			0	LHS Building
31	363+800	364+200	400	400	800	DLC Dispute
32	364+200	364+300	100	100	200	DLC Dispute
33	364+292				0	Bore Hole & Bore well LHS
34	364+300	364+400	100	100	200	DLC Dispute
35	364+400	364+500	100	100	200	DLC Dispute
36	364+415	364+425			0	RHS Building
37	364+500	364+600	100	100	200	DLC Dispute
38	364+600	364+700	100	100	200	DLC Dispute
39	364+700	364+800	100	100	200	DLC Dispute



Sr. No.	CH From	CH To	Length (Km)		Hindrance Length (M)	Hindrances Description
			LHS	RHS		
40	364+800	364+900	100	100	200	DLC Dispute
41	364+900	365+000	100	100	200	DLC Dispute
42	365+000	365+100	100	100	200	DLC Dispute
43	365+100	365+200	100	100	200	DLC Dispute
44	365+200	365+300	100	100	200	DLC Dispute
45	365+300	365+400	100	100	200	DLC Dispute
46	365+400	365+500	100	100	200	DLC Dispute
47	365+500	365+550			0	Boundry Wall (Road crossing) RHS
48	365+500	365+600	100	100	200	DLC Dispute
49	365+530	365+575			0	Boundry Wall (Road crossing) RHS
50	365+793	365+795			0	Water Tank RHS
51	365+900	366+000	100	100	200	Some Work Execution Start under mutual understanding with villagers but after Some layer laying Villagers Creating Violence & Stopped work due to outstanding of disbursement & Demanding of difference of DLC rate
52	366+000	366+100	100	100	200	Some Work Execution Start under mutual understanding with villagers but after Some layer laying Villagers Creating Violence & Stopped work due to outstanding of disbursement & Demanding of difference of DLC rate
53	366+200	366+300	100	100	200	Some Work Execution Start under mutual understanding with villagers but after Some layer laying Villagers Creating Violence & Stopped work due to outstanding of disbursement & Demanding of difference of DLC rate
54	366+300	366+400	100	100	200	Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
55	366+400	366+500	100	100	200	Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
56	366+432				0	Water Tank RHS
57	366+433				0	Water Tank RHS



Sr. No.	CH From	CH To	Length (Km)		Hindrance Length (M)	Hindrances Description
			LHS	RHS		
58	366+435				0	WATER TANK LHS
59	366+500	366+600	100		100	Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
60	366+600	366+700	100	100	200	Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
61	366+725				0	Well RHS
62	366+900	367+000	100	100	200	Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
63	367+000	367+100		100	100	Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
64	367+100	367+200	100	100	200	Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
65	367+200	367+300	100		100	Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
66	367+600	367+700	100	100	200	Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
67	367+658				0	UGPL Water Pipe Line BHS
68	367+700	367+900	200	200	400	Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
69	367+880				0	Tube Well LHS
70	367+910				0	Tube Well LHS
71	368+100	368+200	100	100	200	Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
72	368+200	368+300	100	100	200	Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
73	368+300	368+400	100	100	200	Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
74	368+400	368+500	100	100	200	Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
75	368+475				0	UGPL Water Pipe Line BHS
76	368+600	368+700	100	100	200	Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
77	368+604				0	Water Tank RHS



Sr. No.	CH From	CH To	Length (Km)		Hindrance Length (M)	Hindrances Description
			LHS	RHS		
78	368+700	368+800	100	100	200	Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
79	368+800	368+900	100	100	200	Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
80	368+900	369+100	200	200	400	Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
81	369+100	369+300	200	200	400	Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
82	369+300	369+500	200	200	400	Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
83	369+350				0	UGPL Water Pipe Line BHS
84	369+500	369+600	100	100	200	Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
85	369+600	369+700	100	100	200	Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
86	369+700	370+000	300	300	600	Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
87	370+000	370+300	300	300	600	Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
88	370+300	370+500	200	200	400	Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
89	370+345				0	UGPL Water Pipe Line BHS
90	370+350				0	Water Tank LHS
91	370+370				0	Water Tank LHS
92	370+375				0	Water Tank LHS
93	370+375				0	Foundation Wall LHS
94	370+380				0	Water Tank LHS
95	370+385				0	Water Tank LHS
96	370+500	371+650	1150	1150	2300	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)	Hindrances Description
			LHS	RHS		
97	370+880				0	Foundation Wall LHS
98	371+650	371+700	50	50	100	Villagers Stop the work & Creating violence at site. They Demanding of difference of DLC rate
99	372+360				0	UGPL Water Pipe Line BHS
100	372+395				0	Tube Well RHS
<b>Total Length (M)</b>			<b>9150</b>	<b>9190</b>	<b>18340</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	151	47	
A2	Electric Cables	Meters	12790	3750	9040	
A3	Transformer	Nos.	14	9	5	
<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	4960		Additional tree cut 2226 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	4	
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)	2	
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	DPM (QA& QC)	1	
26	Sr.Engineer (QA& QC)	1	
27	Engineer (QA& QC)	2	
28	Jr. Engineer (QA& QC)	5	
29	Lab Technician	6	
30	Helper-Lab	5	



SR. NO.	DESCRIPTION OF STAFF	NO	REMARK
<b>HR &amp; Admin Dept.</b>			
31	Dy. Manager (HR/Admin)	1	
32	Sr. Executive (HR/Admin)	1	
33	Executive (Admin)	1	
34	Camp Supervisor	1	
35	Office Assistant	1	
36	Office boy	2	
<b>Finance &amp; Accounts</b>			
37	Sr. Accountant	1	
38	Jr.Accountant	1	
<b>Liaison Dept.</b>			
39	Dy. Manager (Liaison)	1	
40	Sr.Executive(Liaison)	1	
41	Executive (Liaison)	1	
42	Jr. Executive (Liaison)	1	
<b>IT Dept.</b>			
43	Sr. Executive (IT)	1	
44	Executive (IT)	1	
<b>Store Dept.</b>			
45	Dy. Manager (Store)	1	
46	Sr. Executive (Store)	1	
47	Executive (Store)	3	
48	Jr. Executive (Store)	11	
<b>Purchase Dept.</b>			
49	Purchase Executive	1	
<b>HSE. Dept.</b>			
50	Sr. Officer Safety	1	
51	Executive Safety	1	
52	Jr. Executive Safety	1	
53	Male Nurse	1	
<b>S&amp;V Dept.</b>			
54	Sr.Officer (S&V)	4	
55	Officer (S&V)	1	
<b>Mechanical Dept.</b>			
56	Sr. Manager (Mech)	1	
57	Dy.Manager (P&M)	1	
58	Sr. Engineer (Mech)	2	
59	Engineer (Mech)	3	
60	Executive (Mech)	2	





SR. NO.	DESCRIPTION OF STAFF	NO	REMARK
61	Fleet Supervisor	3	
62	PLANT & MACHINERY OPERATORS/WELDER/TYRE FITTE/PLUMBER/HELPER/DRIVER	138	
<b>Total&gt;&gt;</b>		<b>272</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-	3	Macon's
3	DVE/30	Hot Mix Plant 200 TPH (Marini)	1	
4	DVE/30	Hot Mix Plant 160 TPH	1	
5	DVE/30	Automatic TMT cutting/Binding PLANT	1	SCHNEEL PLANT
6	DVE/30	BC Segment PRE-CAST PLANT	1	Pakona plant
7	DVE/30	GANTRY CRANE -EOT	6	
8	DVE/30	RE Block casting plant	1	Apollo Zenith plant
9	DVE/30	PILING RIG MACHINE	4	
10	DVE/30	Weigh Bridge-	5	
11	DVE/30	Hydra Crane	8	
12	DVE/30	LMV	25	
13	DVE/30	Water Tanker-	18	
14	DVE/30	DG Set	13	
15	DVE/30	Baby Roller	1	
16	DVE/30	Tandem Roller	1	
17	DVE/30	Excavator-	12	
18	DVE/30	Motor Grader-	7	
19	DVE/30	Wheel Loader	5	
20	DVE/30	Backhoe loader (JCB)	6	
21	DVE/30	HIGH MAST - TOWER LIGHT	4	
22	DVE/30	CONTAINER WORK SHOP	3	
23	DVE/30	TRACTOR	2	
24	DVE/30	Soil Compactor-	11	
25	DVE/30	Transit Mixer	13	
26	DVE/30	Concrete Pump	1	
27	DVE/30	Boom Placer	1	
28	DVE/30	Diesel Tanker	2	
29	DVE/30	SERVICE VAN	1	
30	DVE/30	TIPPER	35	
31	DVE/30	TOWER LIGHT (DG)	4	
32	DVE/30	250 MT TYRE MOUNTED CRANE	1	
33	DVE/30	50 MT TYRE MOUNTED CRANE	1	
34	DVE/30	45 MT CRAWLER CRANE	1	
35	DVE/30	Trailer	8	



## 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.



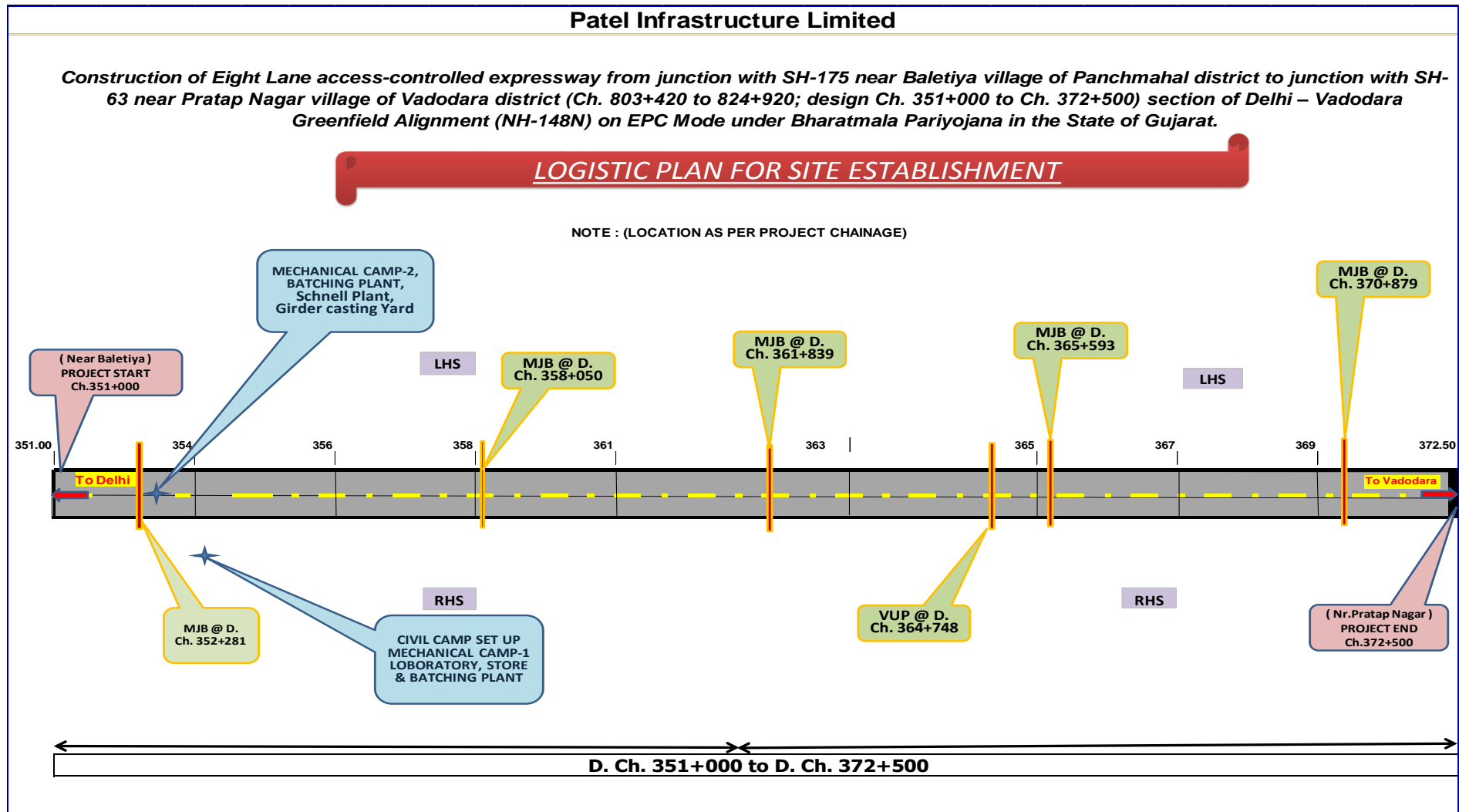
## 10 Milestone of the progress

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

Sr. No	Milestones	Target From Appointed Date	Schedule 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.	Financial progress 7.40% achieved up to 28 feb.2022
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.	



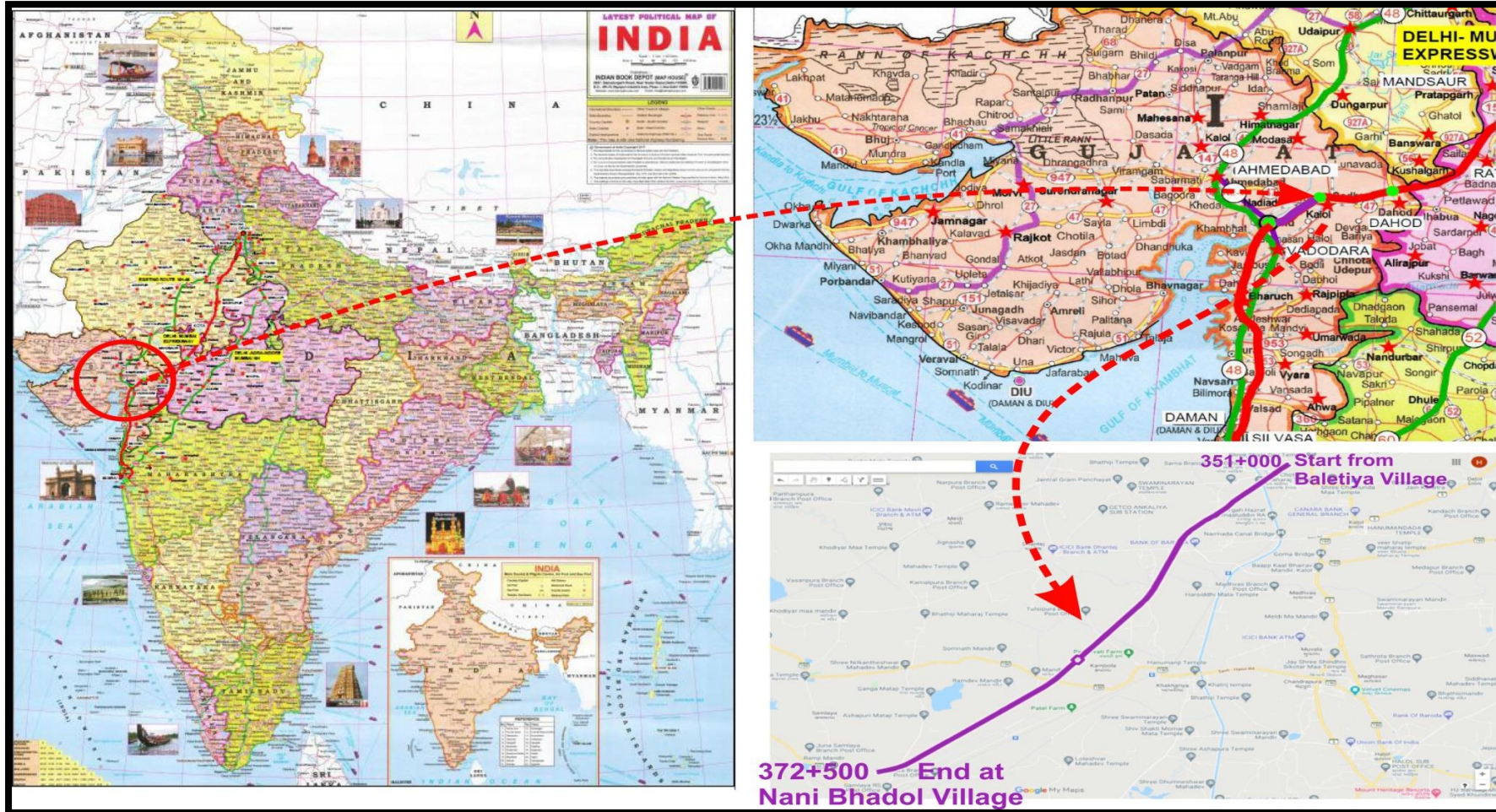
## 11 Location Plan & Status of Camps





12 Annexure: -

12.1 Project overview





## 12.2 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

### 12.3 Status of Drawings

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

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>						
	Box Culvert					
	Precast Box Culvert i) Detailed Location Wise GAD	40	28	0	28.00	
	ii) Cast In Situ Box Culvert	14	14	4	10.00	
	LVUP	6	6	6	-	
	a)371+700					
	i) Foundation	1	1	1	-	
	a) Test pile	1	1	0	1.00	
	ii) Substructure	1	1	1	-	
	iii) Superstructure	1	1	1	-	
	SVUP	3	3	3	-	
	VUP (GAD)	1	1	1	-	
	a)364+746					
	i) Foundation	1	1	1	-	
	ii) Substructure	1	1	1	-	
	iii) Superstructure	1	1	1	-	
	Minor Bridge (GAD)	3	3	2	1.00	
	a) 357+312					
	i) Foundation	1	1	1	-	
	a) Test pile	1	1	0	1.00	
	ii) Substructure	1	1	1	-	
	iii) Superstructure	1	1	1	-	
	Major Bridge (GAD)	7	7	0	7.00	
	a)352+281 (GAD)				-	
	i) Foundation	1	1	1	-	
	a) Test Pile	8	8	8	-	
	ii) Substructure	1	1	0	1.00	
	iii) Superstructure				-	
	1) PSC Girder	1	1	0	1.00	
	Span 45m	1	1	0	1.00	
	Span 35m	1	1	0	1.00	
	2) Composite Girder	1	1	1	-	
	Span 63 m	1	1	1	-	
	Span 69 m	1	1	1	-	
	3) RCC Girder	1	1	0	1.00	



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S. No.	Description	Scope	Submitted	Approved	Approval Awaited	Remarks
	4) Slab	1	1	0	1.00	
	5) Bearing	1	1	0	1.00	
	b) 355+789				-	
	i) Foundation	1	1	1	-	
	a) Test pile	1	1	1	-	
	ii) Substructure	1	1	1	-	
	iii) Superstructure	1	1	1	-	
	c) 358+050				-	
	i) Foundation	1	1	1	-	
	a) Test pile	1	1	1	-	
	ii) Substructure	1	1	1	-	
	iii) Superstructure	1	1	1	-	
	d) 359+936				-	
	i) Foundation	1	1	1	-	
	ii) Substructure	1	1	1	-	
	iii) Superstructure	1	1	1	-	
	e) 361+839				-	
	i) Foundation	1	1	1	-	
	ii) Substructure	1	1	1	-	
	iii) Superstructure	1	0	0	-	
	f) 365+593				-	
	i) Foundation	1	0	0	-	
	ii) Substructure	1	0	0	-	
	iii) Superstructure	1	0	0	-	
	g) 370+887				-	
	i) Foundation	1	1	1	-	
	a) Test Pile	1	0	0	-	
	ii) Substructure	1	1	1	-	
	iii) Superstructure	1	1	1	-	
	Miscellaneous				-	
	Boundary Wall	1	1	0	1.00	
	Way Side Amenity (Layout)	1	1	0	1.00	
	Curtain Wall	1	1	0	1.00	



## 12.4 Correspondences:-

### 12.4.1 Incoming:-

Letter No.	Issue Date	From	Letter Subject
LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.21-22.2178	02.02.2022	AE	Nayara Energy Limited (formerly Known as Essar Oil Limited) as source provisional approval of Bitumen VG-40 is hereby withdrawn
LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.21-22.2179	02.02.2022	AE	Total Oil India Pvt. Ltd. & Hindustan Colas for as source provisional approval of Bitumen Emulsions is hereby withdrawn
LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.21-22.2180	02.02.2022	AE	Registration of Authority for Inter State Migrant Workmen
LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.21-22.2182	04.02.2022	AE	Kandla Gorakhpur LPG Pipeline at Ch. 351+138 at village Derol, Taluka Kalol, Distr- Panchmahal.
LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.21-22.2183	09.02.2022	AE	Inspection of Site Visit by TL
LNMIPPL.PIL.D-V/Pkg-30.2021-22/5358	10.02.2022	AE	Review of detailed design and drawing of superstructure of MJB at 370+887 (Approval) (70m Span)
LNMIPPL.PIL.D-V/Pkg-30.2021-22/5359	10.02.2022	AE	Review of detailed design and drawing of superstructure of MJB at 370+887 (Approval) (40 m Span )
LNMIPPL.PIL.D-V/Pkg-30.2021-22/5382	11.02.2022	AE	Regarding Review of Design Load Calculation and POT-PTEE Bearing Loads Layout for 70m span (LHS) and 40m span (RHS) of MJB Km. 370+887
LNMIPPL.PIL.D-V/Pkg-30.2021-22/5383	11.02.2022	AE	Regarding Review of Detailed design and drawing of foundation and sub structure along with Revised GAD of MJB at Ch. 370+887.
LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.21-22.2187	12.02.2022	AE	Approval of Borrow area BA. 32 & 47
LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.21-22.2188	12.02.2022	AE	Approval of Borrow area BA. 23A,29,36,37,39 &41
LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.21-22.2189	12.02.2022	AE	COS as per clause 13.2(ii) for shifting of underground pipeline of GWSS passing through the project Expressway
LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.21-22.2190	12.02.2022	AE	Approval of Borrow area BA. 30,31 &38
LNMIPPL.PIL.D-V/Pkg-30.2021-22/5456	15.02.2022	AE	Review of revised GAD and revised drawing of foundation and substructure for minor bridge .
LNMIPPL.PIL.D-V/Pkg-30.2021-22/5459	15.02.2022	AE	Regarding Review of Bearing PTEE design and drawing for Major Bridge at Ch. 352+281. For the project highway

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Letter No.	Issue Date	From	Letter Subject
LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.21-22.2189	19.02.2022	AE	Approval of estimates for shifting of existing 66KV Chandrapur-Ankaliya & Chandrapur-Ankaliya & Kalol-Ankaliya Transmission line between location no 18 to 20 on proposed Delhi-Vadodara Expressway NH-148N under Bharatmala Pariyojana under GETCO-Jambuva Division (GETCO-Asoj)
LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.21-22.2190	19.02.2022	AE	Request to issue certificate regarding ongoing work in Delhi-Vadodara (DVE-30) Expressway section of NH-148N in Vadodara District.
LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.21-22.2192	23.02.2022	AE	Details of starting and terminating ch . of PKG 26 to 31 of Expressway along with exist & entry details
LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.21-22.2193	23.02.2022	AE	Source approval of Material Factory Visit
LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.21-22.2194	23.02.2022	AE	Submission of license of Inter-State Migrant Workmen
LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.21-22.2195	24.02.2022	AE	Submit the necessary documents for permission NOC to construction of Road Bridge over Canal crossing
LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.21-22.2196	24.02.2022	AE	Estimates towards shifting of existing water pipeline under the Jurisdiction of GWSSB Godhra Division
Tour Programme	03.02.2022	PIU Godhra	Tour Programme Bharatmala GM Shashi Bhushan
NHAI.PIU-Godhra.2011.12035.DVE-148N.Permission.D-6030	02.02.2022	PIU Godhra	Kandla Gorakhpur LPG Pipeline at Ch. 351+138 at village Derol, Taluka Kalol, Distr- Panchmahal.
NHAI.PIU-Godhra.2020.11073.DVE-148N.pkg-30.A-L&NM.Vol-2..D-6057	07.02.2022	PIU Godhra	ગ્રામ પંચાયત નવેરીયા માં આવેલ નવા સર્વે નં. ૪૬૬, ૪૬૮, ૪૭૨, ૪ અને ૫ માં મોટું નાળુ આપવા બાબત.
NHAI..Tech.TIC.2.New-Tech.2016.Part (1).518	25.02.2021	PIU Godhra	Details of use of new material/technology in construction of NHs
NHAI.PIU-Godhra.2020.11073.DVE-148N.pkg-30.A-L&NM.Vol-2..D-6071	08.02.2022	PIU Godhra	ગ્રામ નવેરીયા માં અવેલ નવા સર્વે નં ૧૧૧ માં ખેતર ની બાજુ માં તળાવ આવેલ છે તે નાળુ રદ કરવા બાબત.
NHAI.PIU-Godhra.2018.11015.DVE.DPR-CPCPL..Vol-5..D-6098	09.02.2022	PIU Godhra	Details of starting & terminating chainages of packages 26 to 31 of Delhi-Vadodara Expressway along with exit & entry details.-reg
NHAI.PIU-Godhra.2020.11079.LABOUR..Vol-1.D-6103	10.02.2022	PIU Godhra	Issuance of Form-III for obtaining Labour License for Inter State Migrant Workmen - reg
NHAI.PIU-Godhra.2020.11079.Labour.Vol-1..D-6113	11.02.2022	PIU Godhra	Request for One Side Possession of land in village Mal Ankaliya, Taluka Savli, District Vadodara
NHAI.PIU-Godhra.2018.11030.DVE-148N.Utility.Vol-10.D-6151	18.02.2022	PIU Godhra	Approval of estimates for shifting of existing 66 KV Chandrapura Ankaliya & Kalol Ankaliya Transmission line between location no 18 to 20 on proposed Delhi-Vadodara Expressway NH-148N under Bharatmala Pariyojana under GETCO-Jambuva Division (GETCO-Asoj)

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Letter No.	Issue Date	From	Letter Subject
NHAI.PIU-Godhra.2020.11070.DVE-148N.pkg-30.EPC-PIL.Vol-9..D-6155	19.02.2022	PIU Godhra	Certificate regarding status of on-going work
NHAI.PIU-Godhra.2019.11054.148N.Canal-Structure.Vol-2.D-6164	21.02.2022	PIU Godhra	Submit the necessary document for Permission/Noc to construction of road bridge over canal crossing (New/Additional crossing on Canals) in Vadodara and Panchmahal district between Delhi-Vadodara Expressway under the jurisdiction oof N.P. Canal Dn. No. 17 kalol.
NHAI.PIU-Godhra.2018.11030.DVE-148N.Utility.Vol-10.D-6171	21.02.2022	PIU Godhra	Estimates for shifting of existing Water Pipelines on proposed Delhi-Vadodara Expressway NH 148N under Bharatmala Pariyojana under GWSSB Godhra.
NHAI.PIU-Godhra.2018.11013.PG.Vol-2.D-6176	21.02.2022	PIU Godhra	Representation of Shri Vikas Suresh Sharma, Mumbai regarding use of stone Matrix Asphalt in construction of DVE-reg
NHAI.PIU-Godhra.2018.11013.PG.Vol-2.D-6193	23.02.2022	PIU Godhra	Online Public Grievance (Reg. No. PMOPG/E/2022/0052580)
NHAI.PIU-Godhra.2021.12018.DVE-29,30-31.General.Vol-1.D-6196	24.02.2022	PIU Godhra	Requirement of over burden material from GMDC Lignite Mine Tadkeswar, Surat
NHAI.PIU-Godhra.2021.12025.DVE-148N.Pkg-30.F&A-MPC.Vol-1.D-6207	24.02.2022	PIU Godhra	Request to release Monthly Payment Certificate -03 (MPC-3) for unbilled executed work for the month period of January2022 as per NHAI circular under Atmanirbhar Bharat

**Project-**

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

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**Monthly Progress Report****12.4.2 Outgoing:-**

Letter No.	Issue Date	To	Letter Subject
PIL.DVE30.AE.230.2021	01.02.2022	AE	Undertaking for royalty paid material used in construction work
PIL.DVE30.AE.231.2021	01.02.2022	AE	Regarding Submission of monthly payment certificate (MPC) – 03 as per NHA circular under atmanirbhar Bharat circular for pkg-30 for Delhi-Vadodara expressway section of NH-148N in vadodara district.
PIL.DVE30.PIU.232.2021	02.02.2022	PIU	Request letter for Form 3 for application of Inter state Migrant workers license registration for the highway DVE Pkg-30 Project.
PIL.DVE30.AE.233.2021	02.02.2022	AE	Submission of Bearing PTFE design and drawing for major bridge at CH. 352+281
PIL.DVE30.AE.234.2021	03.02.2022	AE	Submission of routine lateral pile load test P33 pile 5 RHS
PIL.DVE30.AE.235.2021	04.02.2022	AE	Submission of Borrow area test reports summary
PIL.DVE30.AE.236.2021	04.02.2022	AE	Total Oil India Pvt. Ltd. & Hindustan Colas as source provisional approval of bitumen emulsion RS 1 & SS 1
PIL.DVE30.AE.237.2021	04.02.2022	AE	For Mix Design DBM
PIL.DVE30.AE.238.2021	05.02.2022	AE	Submission of Revised GAD and Revised Drawing of Foundation & Substructure for MNB at design ch. 357+312
PIL.DVE30.AE.239.2021	05.02.2022	AE	Regarding submission of detailed design & drawing of precast box culvert at D. ch. 353+553.
PIL.DVE30.AE.240.2021	07.02.2022	AE	Nayara Energy Limited as source provisional approval of Bitumen VG-40
PIL.DVE30.AE.242.2021	07.02.2022	PIU-godhra	Regarding one side possession of land in village malankaliya required for construction way side amenities for above said project.
PIL.DVE30.AE.243.2021	08.02.2022	AE	Submission of Borrow Area test reports summary
PIL.DVE30.AE.244.2021	08.02.2022	AE	Submission of Routine pile load test report by high strain dynamic test conducted for above said project
PIL.DVE30.AE.245.2021	08.02.2022	AE	Submission of monthly progress report for the month of january,2022 of pkg DVE30
PIL.DVE30.AE.246.2021	08.02.2022	AE	Submission of plate load test report of underpass for above said project.
PIL.DVE30.AE.247.2021	11.02.2022	AE	Submission of renewal certificate of accreditation of Divine metallurgical services pvt. ltd. for approval.
PIL.DVE30.AE.248.2021	11.02.2022	AE	Submission of material testing certificate and third party report 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.249.2021	12.02.2022	AE	Submission of company profile & credential of "M/s Gravity Ferrous Pvt. Ltd" (Neev TMT) for the source approval of structure work to be used in the project.
PIL.DVE30.PIU.251.2021	16.02.2022	PIU-godhra	Regarding consent for estimate for shifting of existing 66 KV Chandrapura-Ankaliya & Kalol-Ankaliya transmission line under GETCO Jambuva Division (GETCO-Asoj Sub-Division) at Ch. 356+950 Delhi–Vadodara Expressway section of NH-148N in Vadodara District.
PIL.DVE30.AE.252.2021	18.02.2022	AE	Submission of company profile & credentials of KOTAK ASPHALT LLP for the Source approval of emulsions and bitumen to be used in the Project.
PIL.DVE30.AE.253.2021	18.02.2022	AE	Submission of Material Testing Certificate and Third Party Report of Rashmi Metaliks LTD. And DP Wires for the source approval of products for structure Works to be used in the Project.

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Every Milestone is our Value

**Monthly Progress Report**

Letter No.	Issue Date	To	Letter Subject
PIL.DVE30.AE.254.2021	19.02.2022	PIU	Regarding request to issue certificate regarding our ongoing work in Delhi–Vadodara (DVE-30) Expressway section of NH-148N in Vadodara District
PIL.DVE30.AE.255.2021	19.02.2022	AE	Submission of Revised Schedule-H
PIL.DVE30.AE.256.2021	19.02.2022	AE	Submission of licence of inter-state migrant workmen (regulation of employment and condition of service)
PIL.DVE30.AE.257.2021	22.02.2022	AE	Submission of Third Party Physical & Chemical test Report and Material Testing Certificate of Micro Silica, JSPL ,SAIL, Electrotherm, Jindal, Vizag TMT.
PIL.DVE30.AE.258.2021	22.02.2022	AE	Submission of Borrow Area
PIL.DVE30.AE.259.2021	22.02.2022	AE	Company Profile & Credential of Technobit Industries PVT. LTD. For the source Approval of Bitumen Emulsions and Modified Bitumen (VG-40)
PIL.DVE30.AE.260.2021	22.02.2022	AE	Mix Design of M-40Pile (Fly), M-40 Pile, M-40(10mm down), M-10 Grade

## 12.5 Strip Chart Land Acquisition

### Land Acquisition Hindrance Chart

Hindrance Chart											
LHS	BC										
	DBM										
	WMM										
	GSB										
	SG										
Hindrance											
CHAINAGE		351.000	351.100	351.200	351.300	351.400	351.500	351.600	351.700	351.800	351.900
RHS	Hindrance										
	SUBGRADE TOP										
	GSB										
	WMM										
	DBM										
BC											
CHAINAGE		352.000	352.100	352.200	352.300	352.400	352.500	352.600	352.700	352.800	352.900
CHAINAGE		353.000	353.100	353.200	353.300	353.400	353.500	353.600	353.700	353.800	353.900
CHAINAGE		354.000	354.100	354.200	354.300	354.400	354.500	354.600	354.700	354.800	354.900
CHAINAGE		355.000	355.100	355.200	355.300	355.400	355.500	355.600	355.700	355.800	355.900
CHAINAGE		356.000									
LHS	BC										
	DBM										
	WMM										
	GSB										
	SG										
Hindrance											
CHAINAGE		356.100	356.200	356.300	356.400	356.500	356.600	356.700	356.800	356.900	357.000
RHS	Hindrance										
	SUBGRADE TOP										
	GSB										
	WMM										
	DBM										
BC											
CHAINAGE		357.100	357.200	357.300	357.400	357.500	357.600	357.700	357.800	357.900	358.000
CHAINAGE		358.100	358.200	358.300	358.400	358.500	358.600	358.700	358.800	358.900	359.000
CHAINAGE		359.100	359.200	359.300	359.400	359.500	359.600	359.700	359.800	359.900	360.000
CHAINAGE		360.100	360.200	360.300	360.400	360.500	360.600	360.700	360.800	360.900	361.000
CHAINAGE		361.100									





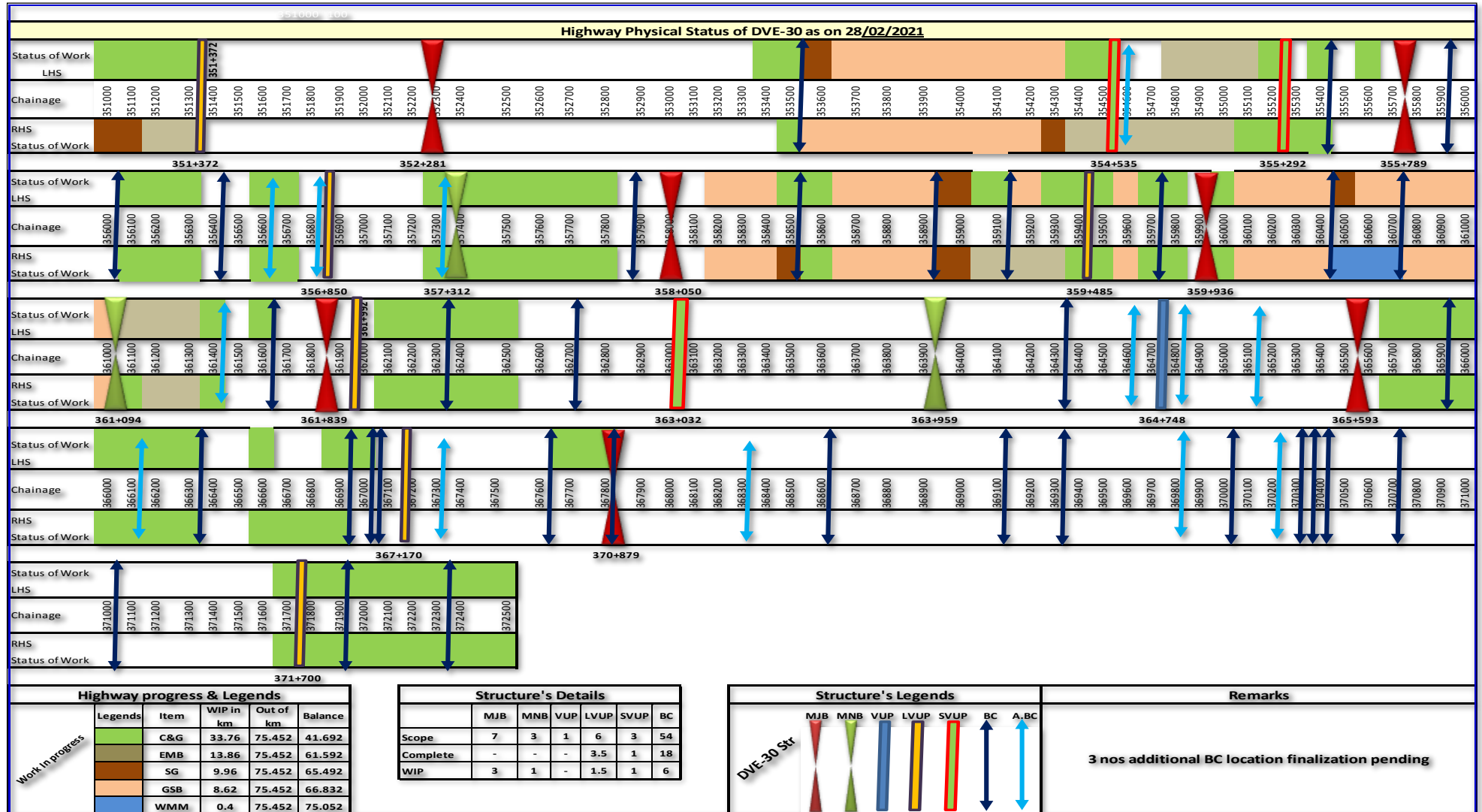


## 12.6 Progress Strip Chart of Expressway and Structure Work

### 12.6.1 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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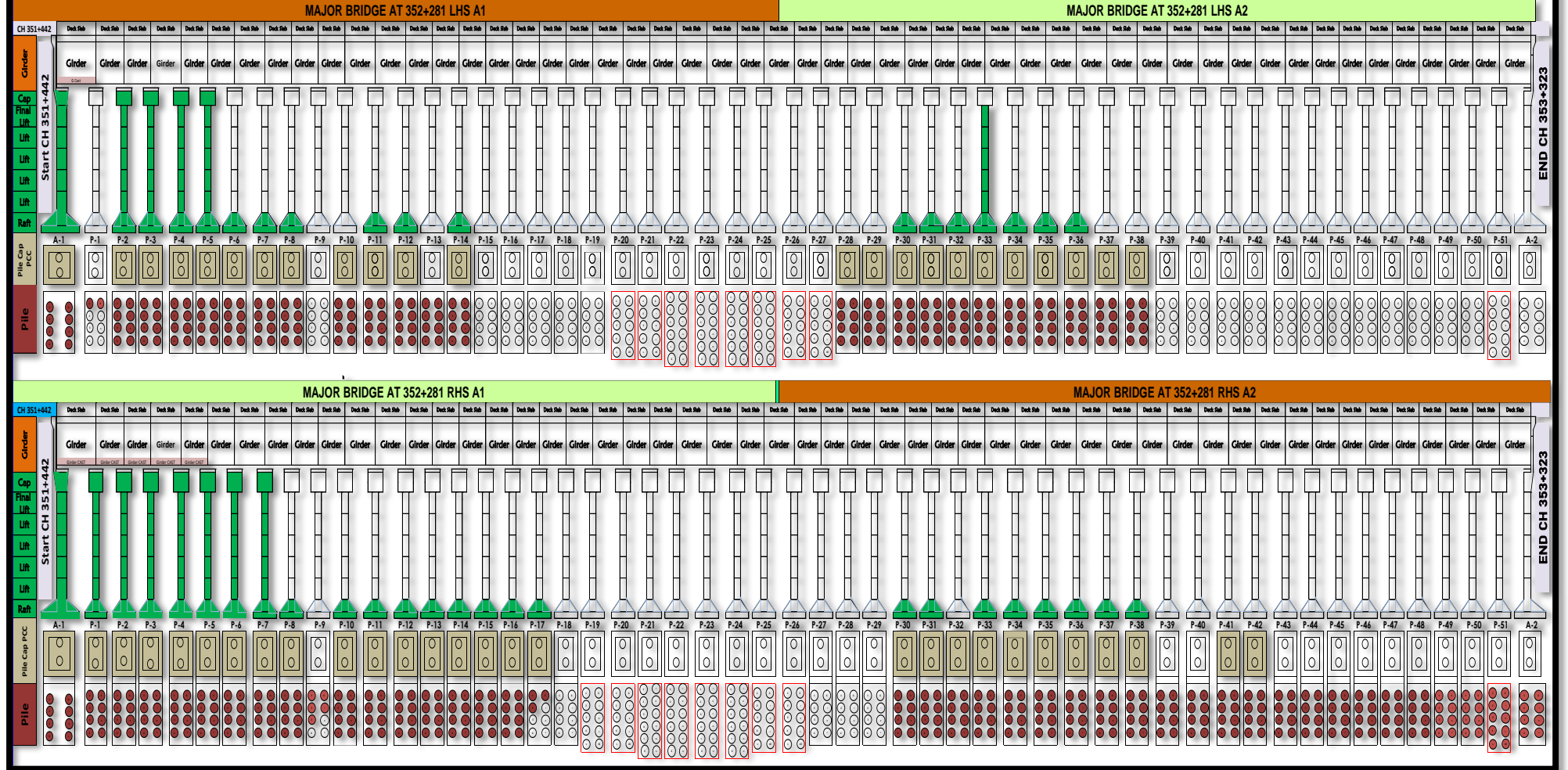


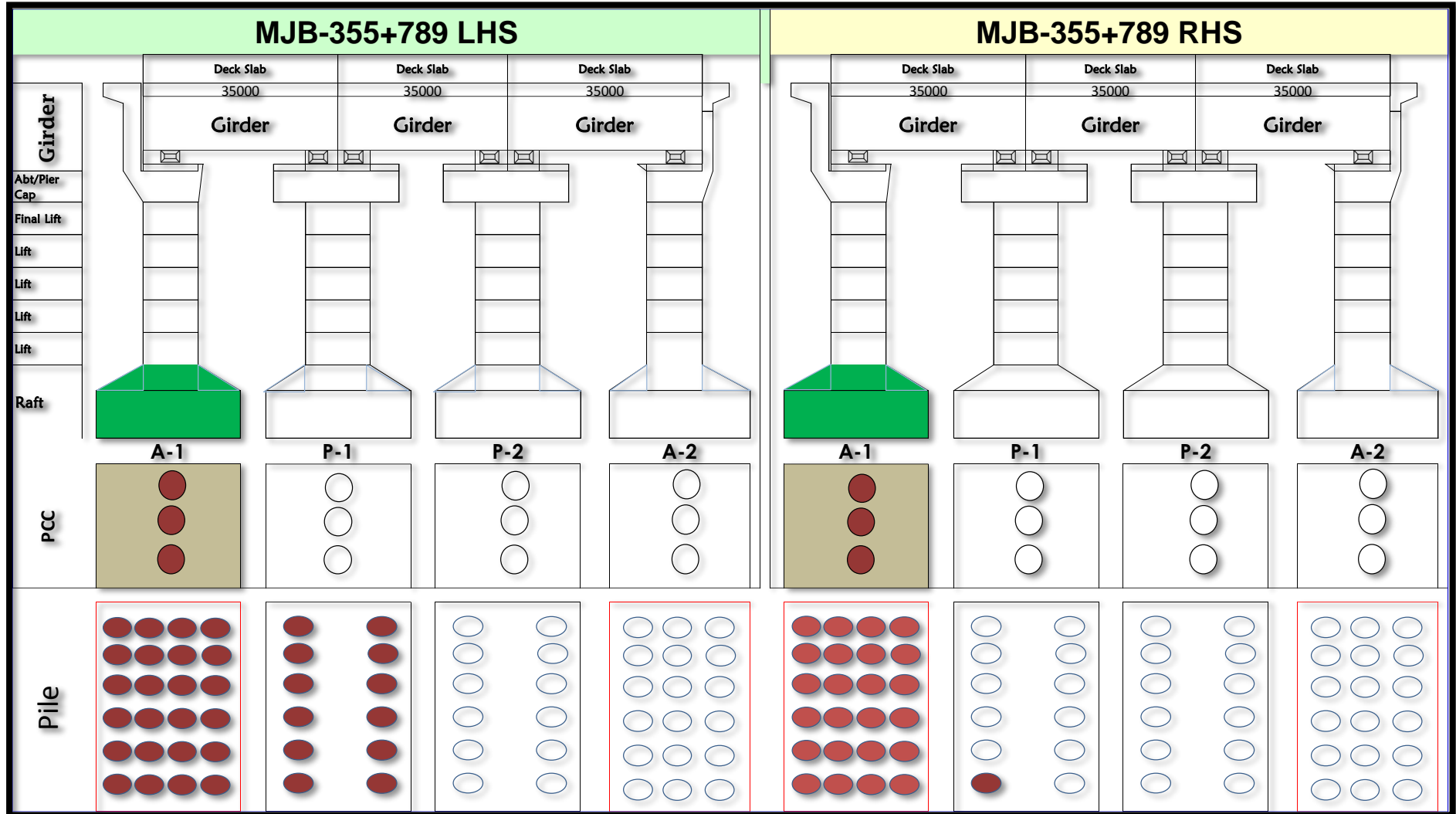
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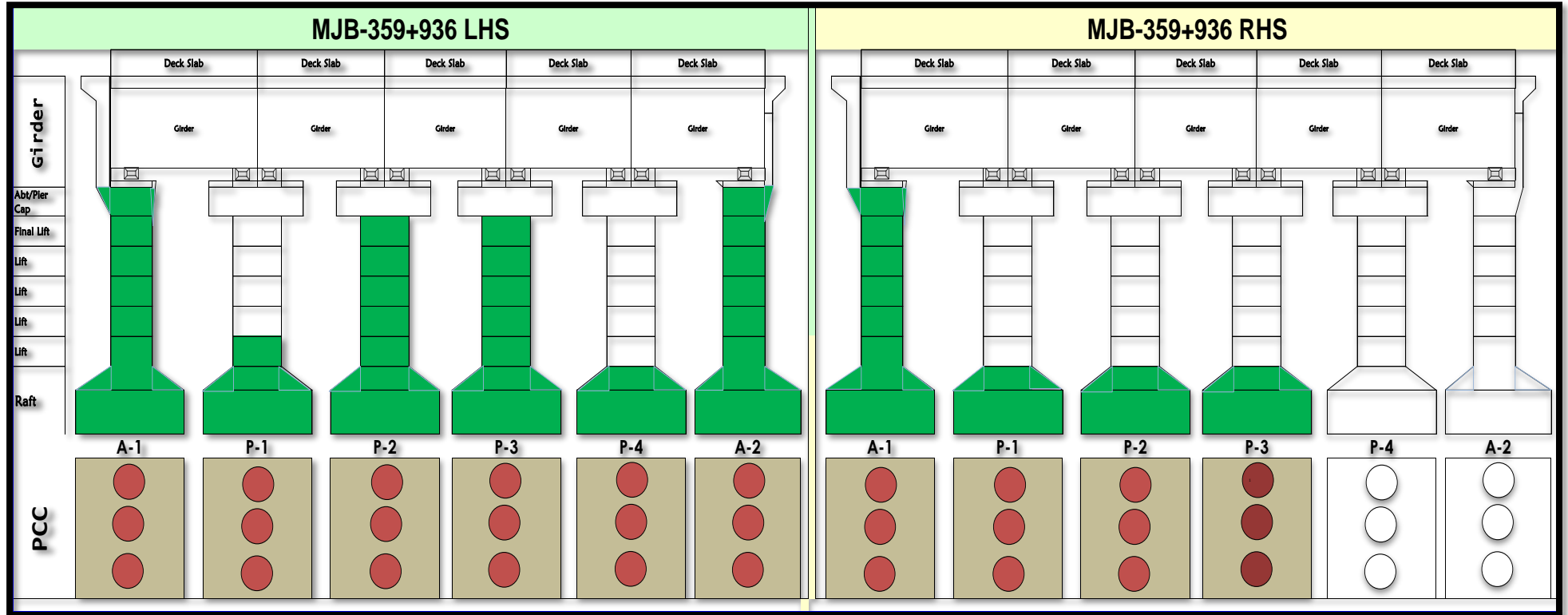
## 12.6.2 Annexure-II-Structure Strip Chart:-

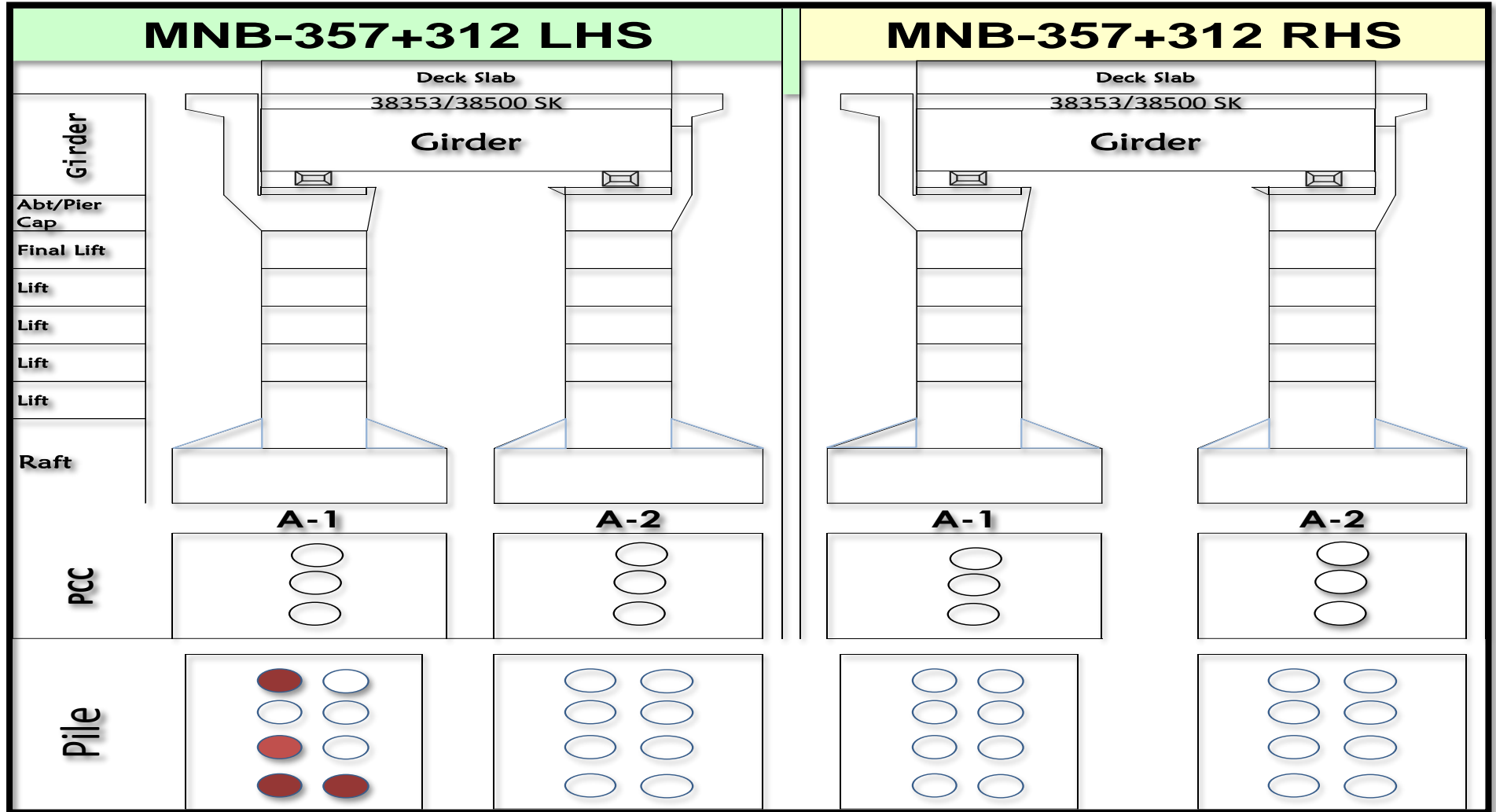


Construction of Eight Lane access-controlled expressway from junction with SH-175 near Baleliya village of Panchmahal district to junction with SH-63 near Pratap Nagar village of Vadodra district (Ch. 803+420 to Ch. 824+920; Design Ch. 351+000 to Ch. 372+500) section of Delhi - Vadodra Greenfield Alignment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











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

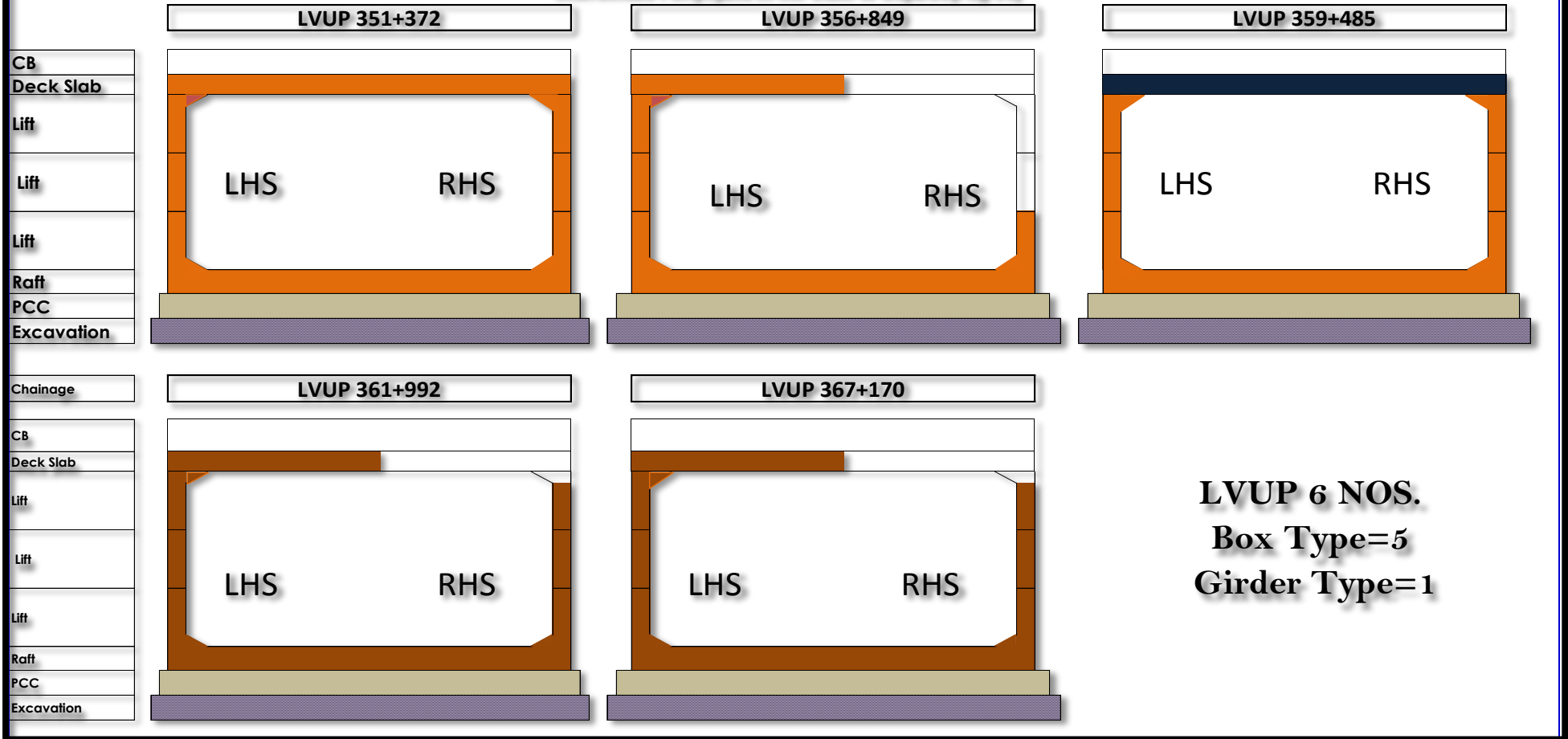
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**Construction of Eight Lane access-controlled expressway from junction with SH-175 near Baletiya village of Panchmahal district to junction with SH-63 near Pratap Nagar village of Vadodara district (Ch. 803+420 to Ch. 824+920; Design Ch. 351+000 to 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.

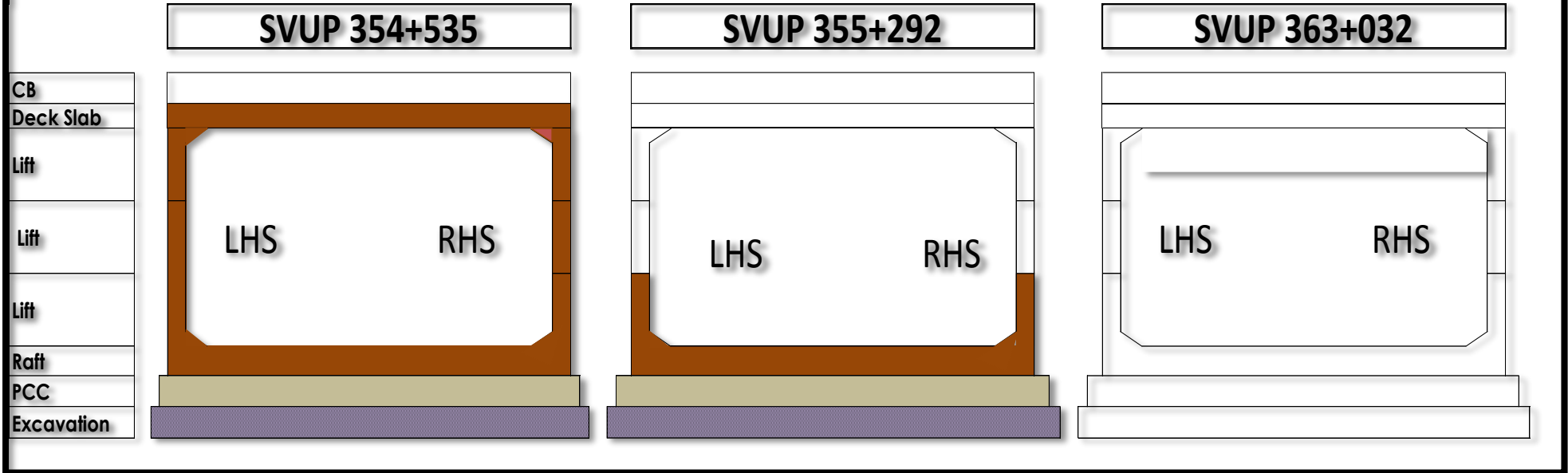
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Construction of Eight Lane access-controlled expressway from junction with SH-175 near Baletiya village of Panchmahal district to junction with SH-63 near Pratap Nagar village of Vadodara district (Ch. 803+420 to Ch. 824+920; Design Ch. 351+000 to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





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	BOX CULVERT 354+600	BOX CULVERT 355+415	BOX CULVERT 355+964	BOX CULVERT 356+016
CB				
Deck Slab				
3rd Lift				
2nd Lift	LHS RHS	LHS RHS	LHS RHS	LHS RHS
1st Lift				
Raft				
PCC				
Excavation				
	BOX CULVERT 359+115	BOX CULVERT 362+700	BOX CULVERT 363+930	BOX CULVERT 368+310
CB				
Deck Slab				
3rd Lift				
2nd Lift	LHS RHS	LHS RHS	LHS RHS	LHS RHS
1st Lift				
Raft				
PCC				
Excavation				
	BOX CULVERT 368+600	BOX CULVERT 369+128	BOX CULVERT 358+950	BOX CULVERT 367+658
CB				
Deck Slab				
3rd Lift				
2nd Lift	LHS RHS	LHS RHS	LHS RHS	LHS RHS
1st Lift				
Raft				
PCC				
Excavation				



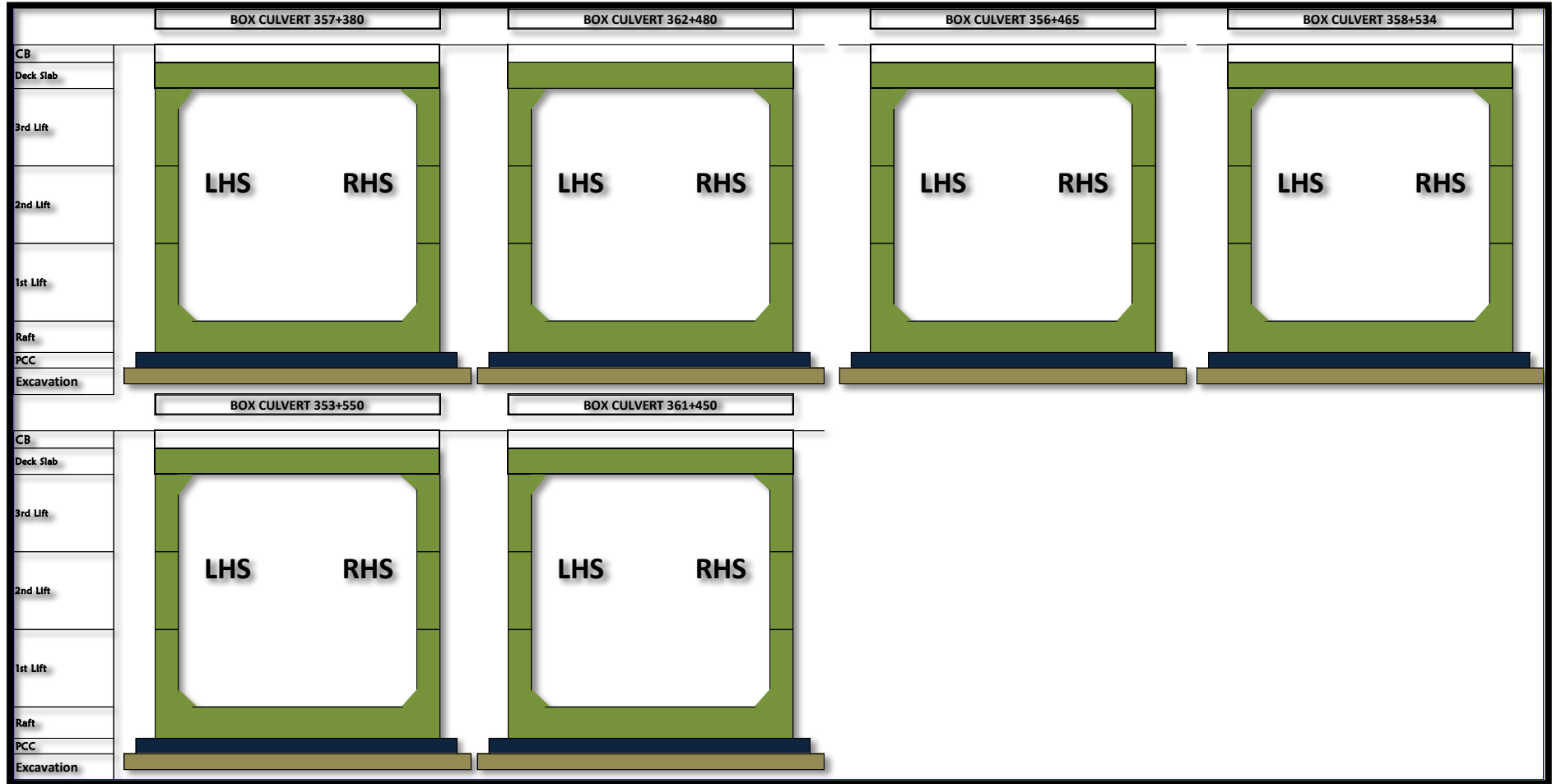
**Project-**  
Delhi – Vadodara Greenfield Alignment (Pkg. No-30) from Ch.351+000 to Ch. 372+500.

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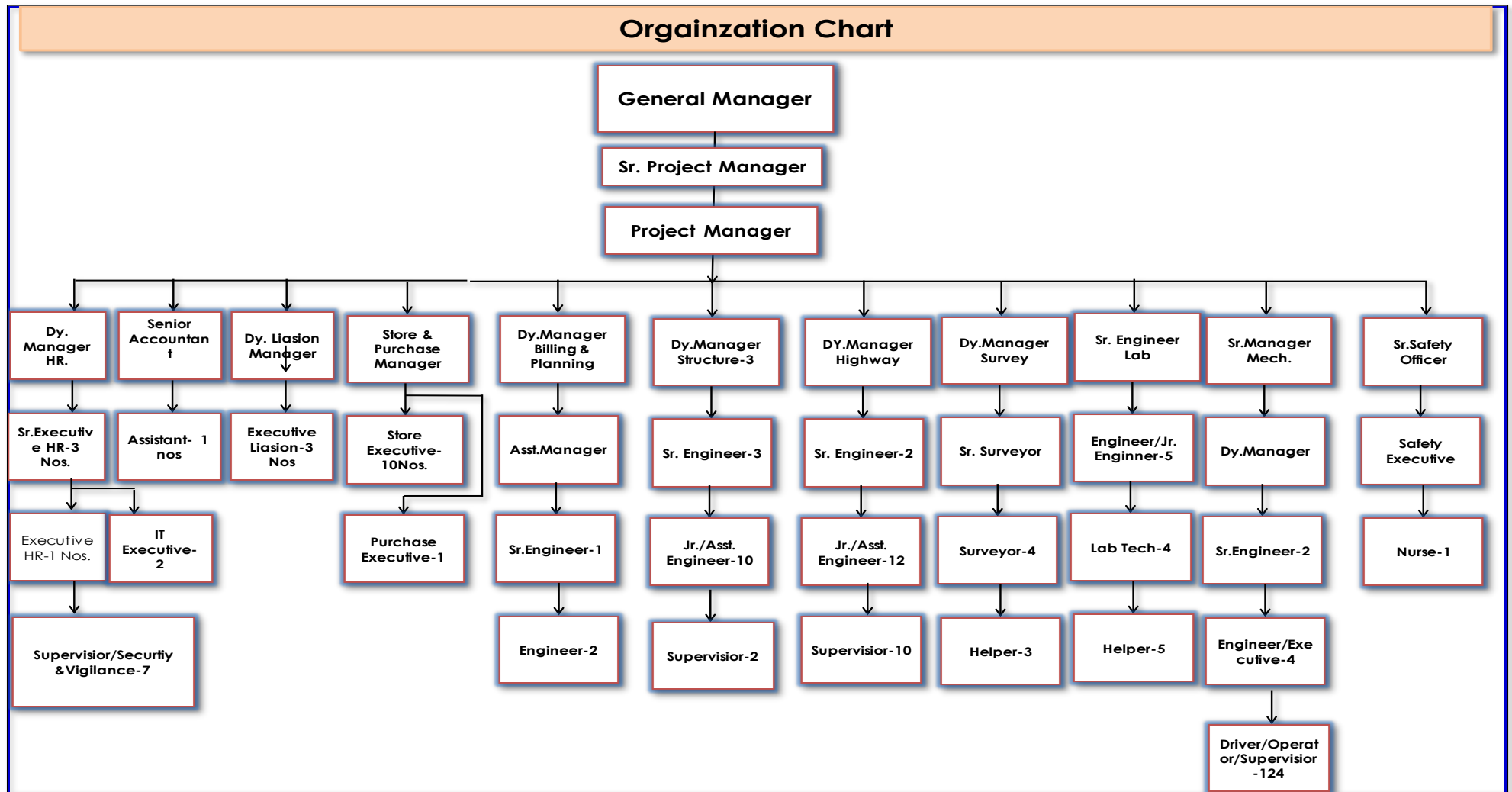


**Monthly Progress Report**





## 12.7 Organization Charts of EPC Contractor





## 12.8 Quality Control Tests

### Summary of Quality Control Report / Monthly Progress Report (QC) - MONTH : Feb-2022

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			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	160	0	0	0	0	0	0	0	0	0	0	160	160	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	0
		FDD Test	1 Set/3000m <sup>2</sup>	82	80	2	31	31	0	80	80	0	50	50	0	162	160	2	81	81	0	0
2	BORROW AREA SOIL FOR EMBANKMENT	GSA	1 Test/1500 m <sup>3</sup>	794	794	0	190	190	0	129	129	0	79	79	0	923	923	0	269	269	0	
		Proctor (MDD)	1 Test/1500 m <sup>3</sup>	794	794	0	190	190	0	129	129	0	78	78	0	923	923	0	268	268	0	0
		Free Swell Index	1 Test/1500 m <sup>3</sup>	794	794	0	190	190	0	129	129	0	80	80	0	923	923	0	270	270	0	0
		Atterberg Limits	1 Test/1500 m <sup>3</sup>	794	794	0	190	190	0	129	129	0	79	79	0	923	923	0	269	269	0	0
		CBR	1 Test/3000 m <sup>3</sup>	354	311	0	167	167	0	20	20	0	13	13	0	374	331	0	180	180	0	0
		FDD Test	1 Set/3000m <sup>2</sup>	1030	1006	24	328	321	7	238	232	6	146	146	0	1268	1238	30	474	467	7	0
3	BORROW AREA SOIL FOR SUBGRADE, SHOULDER & REINFORCED SOIL	GSA	1 Test/1500 m <sup>3</sup>	210	210	0	131	131	0	100	100	0	61	61	0	310	310	0	192	192	0	0
		Proctor (MDD)	1 Test/1500 m <sup>3</sup>	210	210	0	131	131	0	100	100	0	62	62	0	310	310	0	193	193	0	0
		Atterberg Limits	1 Test/1500 m <sup>3</sup>	210	210	0	131	131	0	100	100	0	62	62	0	310	310	0	193	193	0	0
		Free Swell Index	1 Test/1500 m <sup>3</sup>	210	210	0	131	131	0	100	100	0	61	61	0	310	310	0	192	192	0	0



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**Summary of Quality Control Report / Monthly Progress Report (QC) - MONTH : Feb-2022**

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			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
		CBR	1 Test/3000 m <sup>3</sup>	163	163	0	101	101	0	50	50	0	31	31	0	213	213	0	132	132	0
		FDD Test for Subgrade	1 Set/2000 m <sup>2</sup>	69	68	1	40	40	0	56	51	5	31	31	0	125	119	6	71	71	0
		FDD Test for Shoulder/R. E Wall		0	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 m <sup>3</sup>	18	18	0	6	6	0	36	36	0	22	22	0	54	54	0	28	28	0
		Proctor (MDD)	As Required/Source	6	6	0	3	3	0	0	0	0	0	0	0	6	6	0	3	3	0
		Atterberg Limits	1 Test/400 m <sup>3</sup>	5	5	0	2	2	0	36	36	0	22	22	0	41	41	0	24	24	0
		Moisture Content (Prior to Compaction)	1 Test/400 m <sup>3</sup>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		CBR	As Required/Source	2	2	0	1	1	0	0	0	0	0	0	0	2	2	0	1	1	0
		Water Absorption	As Required/Source	3	3	0	2	2	0	0	0	0	0	0	0	3	3	0	2	2	0
		A..I. V	As Required/Source	6	6	0	3	3	0	0	0	0	0	0	0	6	6	0	3	3	0
FDD Test	1 Test/1000 m <sup>2</sup>	15	15	0	10	10	0	96	96	0	59	59	0	111	111	0	69	69	0		
5	WET MIX MACADAM [WMM]	Gradation	1 Test/200 m <sup>3</sup>	12	12	0	0	0	0	1	1	0	1	1	0	13	13	0	1	1	0
		Atterberg Limits	1 Test/200 m <sup>3</sup>	3	3	0	0	0	0	1	1	0	1	1	0	4	4	0	1	1	0
		Proctor (MDD)	As Required	2	2	0	1	1	0	0	0	0	0	0	0	2	2	0	1	1	0
		A.I.V	1 Test/1000 m <sup>3</sup>	4	4	0	0	0	0	1	1	0	1	1	0	5	5	0	1	1	0
		Fl & El Index	1 Test/500 m <sup>3</sup>	3	3	0	0	0	0	1	1	0	1	1	0	4	4	0	1	1	0
		FDD Test	1 Set/1000 m <sup>2</sup>	0	0	0	0	0	0	6	6	0	4	4	0	6	6	0	4	4	0



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**Summary of Quality Control Report / Monthly Progress Report (QC) - MONTH : Feb-2022**

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			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	
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	0	
		Binder Temperature	At Regular Interval	0	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	0	
		Binder Temperature	At Regular Interval	0	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	0	
		Viscosity	1 Test/Lot	0	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 m <sup>3</sup>	0	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	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	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	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	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	0



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

REPORT #

MPR-06/Feb-2022



**Monthly Progress Report**

**Summary of Quality Control Report / Monthly Progress Report (QC) - MONTH : Feb-2022**

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			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
		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	
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 & FI 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		





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

REPORT #

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**Summary of Quality Control Report / Monthly Progress Report (QC) - MONTH : Feb-2022**

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			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
		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	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	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	
		Air Voids,VMA & GMM	3 Tests/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/250 m <sup>2</sup>	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	1	1	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		
		M-15	07 Days	18	18	0	0	0	0	0	0	0	0	0	0	18	18	0	0		
			28 Days	18	18	0	0	0	0	0	0	0	0	0	0	18	18	0	0		
		M-20	07 Days	3	3	0	0	0	0	0	0	0	0	0	0	3	3	0	0		
			28 Days	3	3	0	0	0	0	0	0	0	0	0	0	3	3	0	0		
		M-25	07 Days	4	4	0	0	0	0	0	0	0	0	0	0	4	4	0	0		
			28 Days	4	4	0	0	0	0	0	0	0	0	0	0	4	4	0	0		



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

REPORT #

MPR-06/Feb-2022



**Monthly Progress Report**

**Summary of Quality Control Report / Monthly Progress Report (QC) - MONTH : Feb-2022**

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			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	32	32	0	2	2	0	0	0	0	0	0	0	32	32	0	2	2	0	
			28 Days	32	32	0	2	2	0	0	0	0	0	0	0	0	32	32	0	2	2	0
		M-35	07 Days	38	38	0	2	2	0	0	0	0	0	0	0	0	38	38	0	2	2	0
			28 Days	44	44	0	2	2	0	0	0	0	0	0	0	0	44	44	0	2	2	0
		M-35 (Pile)	07 Days	67	67	0	2	2	0	0	0	0	0	0	0	0	67	67	0	2	2	0
			28 Days	68	68	0	2	2	0	0	0	0	0	0	0	0	68	68	0	2	2	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	37	37	0	1	1	0	3	3	0	2	2	0	40	40	0	3	3	0	
			28 Days	39	39	0	0	0	0	0	0	0	0	0	0	39	39	0	0	0	0	
		M-40 PRECAST	07 Days	21	21	0	0	0	0	0	0	0	0	0	0	0	21	21	0	0	0	0
			28 Days	21	21	0	0	0	0	0	0	0	0	0	0	0	21	21	0	0	0	0
M-45	07 Days	28	28	0	1	1	0	0	0	0	0	0	0	28	28	0	1	1	0			
	28 Days	31	31	0	1	1	0	0	0	0	0	0	0	31	31	0	1	1	0			
M-50 RCC & PSC	07 Days	108	108	0	6	6	0	3	3	0	2	2	0	111	111	0	8	8	0			
	28 Days	111	111	0	0	0	0	0	0	0	0	0	0	111	111	0	0	0	0			
13		M-10	07 Days	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		



**Summary of Quality Control Report / Monthly Progress Report (QC) - MONTH : Feb-2022**

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			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
			28 Days	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		M-15	07 Days	50	50	0	27	27	0	19	19	0	12	12	0	69	69	0	39	39	0
			28 Days	67	67	0	42	42	0	28	28	0	17	17	0	95	95	0	59	59	0
		M-20	07 Days	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	
		M-25	07 Days	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	
		M-30	07 Days	7	7	0	5	5	0	9	9	0	6	6	0	16	16	0	11	11	0
			28 Days	1	1	0	1	1	0	30	30	0	19	19	0	31	31	0	20	20	0
		M-35	07 Days	57	57	0	35	35	0	25	25	0	16	16	0	82	82	0	51	51	0
			28 Days	95	95	0	57	57	0	137	137	0	85	85	0	232	232	0	142	142	0
		M-35 (Pile)	07 Days	425	425	0	234	234	0	60	60	0	37	37	0	485	485	0	271	271	0
			28 Days	798	798	0	499	499	0	195	195	0	120	121	0	993	993	0	619	620	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	
			28 Days	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		M-40 PRECAST	07 Days	56	58	0	30	30	0	0	7	7	0	3	3	56	65	7	30	33	3
			28 Days	204	204	0	120	120	0	0	2	2	0	2	2	204	206	2	120	122	2



**Summary of Quality Control Report / Monthly Progress Report (QC) - MONTH : Feb-2022**

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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		
		M-40 PILE	07 Days	22	22	0	14	14	0	30	30	0	25	25	0	52	52	0	39	39	0		
			28 Days	1	1	0	1	1	0	100	100	0	63	63	0	101	101	0	64	64	0		
		M-40 RCC	07 Days	14	14	0	9	9	0	25	25	0	16	16	0	39	39	0	25	25	0		
			28 Days	2	2	0	1	1	0	64	64	0	40	40	0	66	66	0	41	41	0		
		M-45	07 Days	24	24	0	16	16	0	0	0	0	0	0	0	24	24	0	16	16	0		
			28 Days	40	40	0	28	28	0	0	0	0	0	0	0	40	40	0	28	28	0		
		M-50 RCC & PSC	07 Days	2	2	0	1	1	0	3	3	0	2	2	0	5	5	0	3	3	0		
	28 Days	1	1	0	1	1	0	12	12	0	8	8	0	13	13	0	9	9	0				
14	CEMENT OPC-43	Fineness	1 Test/Lot	255	255	0	120	120	0	90	90	0	56	56	0	345	345	0	176	176	0		
		Consistency	1 Test/Lot	255	255	0	120	120	0	90	90	0	55	55	0	345	345	0	175	175	0		
		Initial and Final Setting Time	1 Test/Lot	255	255	0	120	120	0	90	90	0	57	57	0	345	345	0	177	177	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			25	25	0	9	9	0	6	6	0	5	5	0	31	31	0	14	14	0
						23	23	0	9	9	0	6	6	0	4	4	0	29	29	0	13	13	0
				36	36	0	19	19	0	5	5	0	3	3	0	41	41	0	22	22	0		
15	FLY-ASH	Particle retained on 45micron sieve(Wet Sieving)	Every Lot	79	79	0	39	39	0	7	7	0	5	5	0	86	86	0	44	44	0		
16	COARSE AGGREGATES	Sieve Analysis	As per QAP	147	147	0	72	72	0	28	28	0	18	18	0	175	175	0	90	90	0		



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

REPORT #

MPR-06/Feb-2022



**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
		Sp. Gr. & W.A	As per QAP	47	47	0	30	30	0	4	4	0	3	3	0	51	51	0	33	33	0
		Moisture Correction	As per QAP	61	61		41	41		28	28	0	17	17	0	89	89	0	58	58	0
		A.I.V Test	As per QAP	28	28	0	12	12	0	0	0	0	0	0	0	28	28	0	12	12	0
		El & Fl Index	As per QAP	22	22	0	10	10	0	0	0	0	0	0	0	22	22	0	10	10	0
17	FINE AGGREGATES	Sieve Analysis	As per QAP	148	148	0	73	73	0	28	28	0	17	17	0	176	176	0	90	90	0
		Silt Content	As per QAP	148	148	0	73	73	0	0	0	0	0	0	148	148	0	73	73	0	
		Sp. Gr. & W.A	As per QAP	12	12	0	4	4	0	4	4	0	3	3	0	16	16	0	7	7	0
		Moisture Correction	As per QAP	148	148	0	73	73	0	28	28	0	18	18	0	176	176	0	91	91	0
18	CALIBRATION	Concrete Batching Plant	As per QAP	5	5	0	2	2	0	2	2	0	2	2	0	7	7	0	4	4	0
		Hot Mix Plant	As per QAP	0	0	0	0	0	0	1	1	0	1	1	0	1	1	0	1	1	0
		WMM Plant	As per QAP	0	0	0	0	0	0	1	1	0	1	1	0	1	1	0	1	1	0
		Moisture Meter	As per QAP	6	6	0	4	4	0	0	0	0	0	0	0	6	6	0	4	4	0
		Moisture Contain. (Medium Size)	As per QAP	160	160	0	0	0	0	160	160	0	0	0	0	320	320	0	0	0	0
		Moisture Contain. (Small Size)	As per QAP	100	100	0	0	0	0	100	100	0	0	0	0	200	200	0	0	0	0
		Pouring Cylinder	As per QAP	10	10	0	5	5	0	10	10	0	0	0	0	20	20	0	5	5	0
		Proctor Mould	As per QAP	16	16	0	0	0	0	16	16	0	0	0	0	32	32	0	0	0	0
Proctor Rammer	As per QAP	8	8	0	0	0	0	8	8	0	0	0	0	16	16	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	
		Slump Cone	As per QAP	7	7	0	0	0	0	7	7	0	0	0	0	0	14	14	0	0	0	
		Concrete Cube Moulds	As per QAP	200	200	0	0	0	0	200	200	0	0	0	0	0	400	400	0	0	0	
		CBR Moulds	As per QAP	61	61	0	0	0	0	61	61	0	0	0	0	0	122	122	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	0	
		Proving Ring	As per QAP	3	3	0	0	0	0	3	3	0	0	0	0	0	6	6	0	0	0	
		CTM 2000 KN	As per QAP	1	1	0	0	0	0	1	1	0	0	0	0	0	2	2	0	0	0	
		Electronic Balance	As per QAP	17	17	0	0	0	0	17	17	0	0	0	0	0	34	34	0	0	0	
<b>THIRD PARTY TEST</b>																						
19	STEEL	All Physical & Chemical	1 Test/Lot	75	75	0	24	24	0	9	9	0	0	0	0	0	84	84	0	24	24	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	0	
		Sp. Gr. & W. A	As per QAP	8	8	0	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	0	8	8	0	0	0	0
		Loss-Angeles	As per QAP	5	5	0	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	0	5	5	0	0	0	0
		El & FI Index	As per QAP	5	5	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0
		Stone Polished Value	As per QAP	0	0	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	0	0	3	3	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
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	
		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	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	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		
		Atterberg Limits	As per QAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		C & $\phi$ Value	As per QAP	50	50	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		
		CBR.	As per QAP	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	5	5	0	0	0	0		
		Consistency	1 Test/Lot	5	5	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	5	5	0	0	0	0		
		Soundness	1 Test/Lot	5	5	0	0	0	0	0	0	0	0	5	5	0	0	0	0		
				5	5	0	0	0	0	0	0	0	0	5	5	0	0	0	0		



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

REPORT #

MPR-06/Feb-2022



**Monthly Progress Report**

**Summary of Quality Control Report / Monthly Progress Report (QC) - MONTH : Feb-2022**

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			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	
				5	5	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0
25	FLY-ASH	All Tests	As per QAP	2	2	0	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	0	3	3	0	0	0	0
5	CALIBRATION	Concrete Batching Plant	As per QAP	1	1	0	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





## 12.9 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	



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	



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

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**Monthly Progress Report**

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	



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	



## 12.10 Weather Report

In this Table showing weather report for the month of January-2022.

WEATHER REPORT - from 1 FEB 2022 (2022) - Khandoli Camp							
Sl. No.	Date	Temperature °C		Humidity (%)		Rainfall (mm)	Weather Condition
		Max	Min	Max	Min		
1	1-Feb-22	32.6	15.50	76.00	31.00	0.00	sunny
2	2-Feb-22	33	16.90	78.00	27.00	0.00	sunny
3	3-Feb-22	29.8	14.10	80.00	31.00	0.00	sunny
4	4-Feb-22	30	12.90	70.00	15.00	0.00	sunny
5	5-Feb-22	30.3	13.50	68.00	15.00	0.00	sunny
6	6-Feb-22	32.5	14.70	71.00	16.00	0.00	sunny
7	7-Feb-22	32.6	14.70	71.00	16.00	0.00	sunny
8	8-Feb-22	32.60	14.70	71.00	16.00	0.00	sunny
9	9-Feb-22	32.60	14.70	71.00	16.00	0.00	sunny
10	10-Feb-22	32.50	14.70	70.00	17.00	0.00	sunny
11	11-Feb-22	30.10	14.50	72.00	16.00	0.00	sunny
12	12-Feb-22	32.00	14.90	71.00	15.00	0.00	sunny
13	13-Feb-22	30.50	14.80	71.00	17.00	0.00	sunny
14	14-Feb-22	32.00	14.70	72.00	16.00	0.00	sunny
15	15-Feb-22	33.00	14.50	75.00	17.00	0.00	sunny
16	16-Feb-22	33.90	14.50	75.00	15.00	0.00	sunny
17	17-Feb-22	33.90	17.40	59.00	15.00	0.00	sunny
18	18-Feb-22	36.10	19.40	55.00	2.00	0.00	sunny
19	19-Feb-22	35.70	16.90	67.00	27.00	0.00	sunny
20	20-Feb-22	35.50	16.60	67.00	10.00	0.00	sunny
21	21-Feb-22	34.50	17.00	64.00	15.00	0.00	sunny
22	22-Feb-22	35.20	17.20	69.00	25.00	0.00	sunny
23	23-Feb-22	34.80	17.70	71.00	25.00	0.00	sunny
24	24-Feb-22	34.90	17.90	73.00	19.00	0.00	sunny
25	25-Feb-22	36.50	17.40	64.00	10.00	0.00	sunny
26	26-Feb-22	36.30	17.80	66.00	14.00	0.00	sunny
27	27-Feb-22	36.60	17.40	70.00	12.00	0.00	sunny
28	28-Feb-22	36.50	17.30	71.00	12.00	0.00	sunny



## 12.11 Photographs



GSB Top at ch.-360+080 to 360+300



EMB TOP Grading and rolling RHS



Girder cage shifting at girder casting yard



TBT conducted at A2 site at girder casting yard ch.352+281



Abutment Cap –A-1 RHS A-1 side MJB @ 352+281



Pier Shaft A1 side LHS MJB @ 352+281



Pier Cap –P-4 RHS A-1 side MJB @ 352+281



Pier Cap –P-5 RHS A-1 side MJB @ 352+281



Pier Cap –P-3 reinforcement fixing & Pier Cap A1,P1,P2, RHS A-1 side MJB @ 352+281



Curing on Pier Cap P-4, RHS A-1 side MJB @ 352+281



Pier Shaft P-6 & P-7 Curing A1 side at ch.-352+281 MJB



Utility Shifting- Electric line charging at ch.362+650



Pile Cap reinforcement binding at MJB 352+281



SG top fdd at ch.-360+ 600 to 360+ 720 LHS



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

REPORT #

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**Monthly Progress Report**



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Samsung Quad Camera  
Shot with my Galaxy M31

SG top layer rolling in progress at ch 360+600 to 360+720 LHS



soil dumping In progress at ch.359+230 to 359+450 LHS



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

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**Monthly Progress Report**



GSB Top at ch.-360+760 to 360+900



EMB TOP Grading and rolling RHS