

PIL/DVE30/AE/570/2022

Date: 07/12/2022

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](mailto:Inmipplgodhra@gmail.com)

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

**Subject:** Submission of Monthly Progress Report for the month of November, 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 November, 2022 for your information & records please.

Thanking you,

Yours faithfully,

For, Patel Infrastructure Ltd.

Authorized Signatory



Encl.: Set of MPR.

1. Copy to:- General Manager (T)/Project Director, NHAI, PIU – Godhra, Plot No.27, Gayatri Nagar, Near Royal Residency, Bamroli Residence, Godhra- 389001, Dist. Panchmahal (Gujarat)- For your information, please.

**Patel Infrastructure Limited**

Regd. Office

"PATEL HOUSE", Beside Prakruti Resort, Chhani Road, Chhani, Vadodara - 391 740, Gujarat, India

Ph.: +91 265 277 6678, 277 7778 | Fax: +91 265 277 7878 | Email: [ho@patelinfra.com](mailto:ho@patelinfra.com) | Website : [www.patelinfra.com](http://www.patelinfra.com)

CIN : U45201GJ2004PLC043955



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



## National Highway Authority of India

(Ministry of Road Transport & Highways Government of India)

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

### MONTHLY PROGRESS REPORT

November'2022



**Client**

**National Highway Authority of India**



**Authority Engineer**

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

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**EPC Contractor**

**PATEL INFRASTRUCTURE LTD**



## Table of Contents

<b>Abbreviations</b>	<b>3</b>
<b>Salient Features of the Project</b>	<b>6</b>
Introduction:-	6
Project Map:-	7
4. Scope of work:-	9
<b>Executive Summary</b>	<b>11</b>
<b>Technical Specification</b>	<b>12</b>
<b>Abstract of the progress report</b>	<b>12</b>
Status of Highways:-	12
Status of Structures:-	13
Financial Progress:-	13
Physical Progress:-	13
S-CURVE:-	14
(i) FINANCIAL S-CURVE:-	14
(ii) PHYSICAL S-CURVE:-	15
<b>Critical Issues of the Project:-</b>	<b>16</b>
Critical issues:-	16
<b>Status of Land Acquisition &amp; Utility shifting</b>	<b>19</b>
Details of Land Acquisition- Hindrance/Possession	19
Details of Land Acquisition- Hindrance List	37
Electrical Utilities & Public Health Utilities	39
Tree Cutting:	39
<b>Mobilization status</b>	<b>40</b>
Manpower List of the project:-	40
List of Plant & Machinery	43
<b>Quality Maintenance &amp; Safety</b>	<b>44</b>
<b>Milestone of the progress</b>	<b>45</b>
Annexure:-	46
Status of approval for Applicable Permits	46
Status of NCR:-	47
COS Details:-	47
Status of Plantation:-	49
Status of Drawings	50
Correspondences:-	53
1. Incoming:-	53
2. Outgoing:-	56
Work Front Availability	61
Physical Progress w.r.t. available land	61
Progress Strip Chart of Expressway and Structure Work	62
1. Annexure-I-Highway:-	62
2. Annexure-II- Structure Strip Chart:-	64
Location of Civil Camp Set-up	81
Location of Mechanical Camp Set-up	82
Quality Control Tests	83
Laboratory Equipment's:-	93
Weather Report	102
Photographs	103



## 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

**Project-**

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

REPORT #

MPR-15/Nov-2022



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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



## Salient Features of the Project

### 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



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

REPORT #

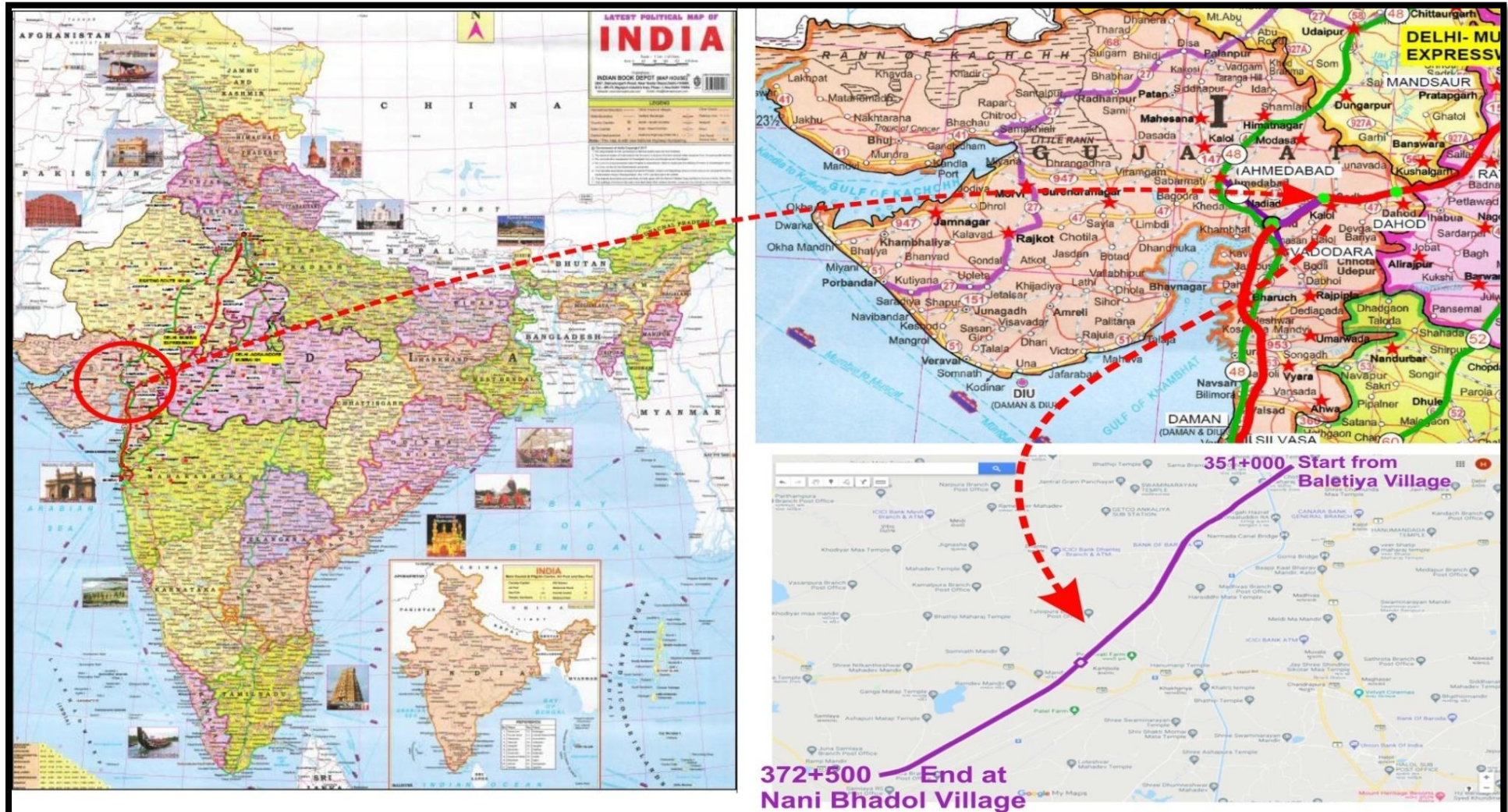
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Monthly Progress Report

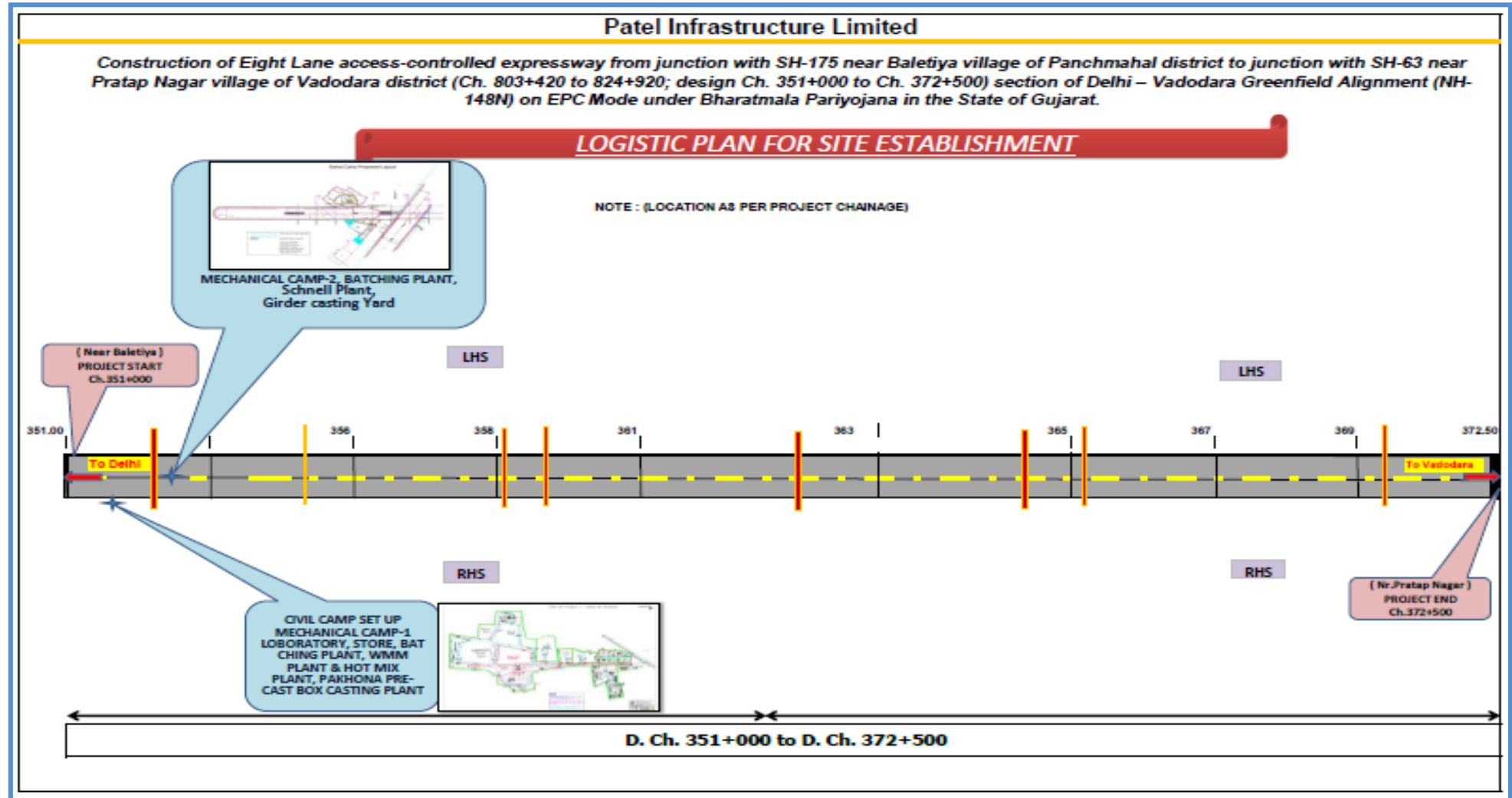
**Project Map:-**







### 3. Project Key Plan:-



#### 4. Scope of work:-

Sr. No	Component	Qty.	Remarks
1	Construction of Eight lane	21.5 Km	Development of the Project Highway shall include design and construction of the Project Highway as described in this Schedule-B and in Schedule-C. The alignment plans of the Project Highway are specified in Annex-III of Schedule A and shall be deemed to be part of this Schedule B.
2	Connecting Roads / Service Roads /Slip Roads	1.140 Km	Total Length of Slip Road – Wayside Amenities @ Ch. 363+440 and Ch. 363+460
3	SVUP	3 Nos.	3 Nos. Of RCC Box type SVUP having span arrangement= 1x7x3.5m shall be constructed.
4	LVUP	6 Nos.	5 Nos. Of RCC Box type LVUP having span arrangement 1x12x4.5m shall be constructed and 1 Nos. Of PSC Girder & Beam type LVUP having span arrangement 1x35.0x4.5m shall be constructed.
5	VUP	1 Nos.	1 Nos. Of VUP having span arrangement 1x30x5.5m shall be constructed.
6	RCC Box Culverts	54 Nos.	34 nos. of RCC Box Culverts having span between 1x2x2m to 1x5x3m shall be constructed as new. Additional 20 nos. box culverts of size 2m x 2m shall be provided as per site requirements.
7	Major Bridge	7 Nos.	1 nos. of PSC I Girder & Steel Composite type Major Bridge over canal body having span from 18m to 66m and 6 Nos. of Major Bridge having span from 25m to 70m shall be constructed as new.
8	Minor Bridge	3 Nos.	3 Nos. of MNB having span between 6m to 40m shall be constructed as new.
9	Way side Amenities / Service Areas	2 No.	1 no at 363+440 RHS and 1 no at 363+460 LHS.
10	Retaining Wall & RE Wall	4.590Km	2.332 Km Retaining Wall and 2.258 Km RE Wall.
11	Diversion of Irrigation Canal	1.488 Km	As per cross-section in Appendix B-2a
12	Embankment Protection	0.280 km	-
13	Lighting		EPC Contractor shall provide lighting as per Schedule-B
14	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.

**Project-**

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

REPORT #

MPR-15/Nov-2022

**Monthly Progress Report**

Sr. No	Component	Qty.	Remarks
15	Environmental Management Plan		
16	Landscaping & 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 a forestation as per Schedule B
17	ATMS		Advanced traffic management system shall be provided as per schedule D
18	Utilities		In the locations where distance between two culverts is more than 1 Km utility duct will be provided
19	Rain water harvesting		EPC contractor shall provide rain water harvesting as per schedule B



**Project-**

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

REPORT #

MPR-15/Nov-2022



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## 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 centers 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/SPatel 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.

## Technical Specification

1. Pavement Width of Carriageway (8 lane) : 15.00 m
2. Pavement Width of Carriageway (8lane) : 18.75m  
With paved shoulder
1. Pavement Width of Slip road (in 2 lane) : 9 m  
With paved shoulder
2. Thickness of Flexible Pavement: **MCW-**

SMA	- 50mm	<b>Slip Road</b>	BC	- 40mm
DBM-III	- 90mm		DBM	- 50mm
DBM-II	- 85mm		WMM II	- 125mm
DBM-I	- 75mm		WMM I	- 125mm
WMM	- 150mm		GSB	- 200mm
GSB	- 200mm		SG	- 500mm
SG	- 500mm			
3. Type of Foundation in Structures : Open Foundations/Pile Foundations
4. Type of Super Structures : PSC Girder/Composite Steel Girders

## Abstract of the progress report

### 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	60.86	1.98	62.84	12.612	
		SR	Km	2.28	0		0	2.28	
2	Earthwork up to Subgrade top	MCW	Km	75.452	32.6	3.5	36.1	1.35	38.002
		SR	Km	2.28	0		0		2.28
3	Sub-Base Course	MCW	Km	75.452	23.92	2.34	26.26	1.2	47.992
		SR	Km	2.28	0		0		2.28
4	Non Bituminous Base	MCW	Km	75.452	21.06	0.80	21.86	1.2	52.392
		SR	Km	2.28	0		0		2.28
5	Bituminous Base Course (DBM-I)	MCW-DBM-I	Km	75.452	13.25	3.77	17.02	1.45	56.982
		MCW-DBM-II	Km	75.452	1.55	8.41	9.96	1.25	64.242
		MCW-DBM-III	Km	75.452	0	5.6	5.6	1.5	68.352
		SR	Km	2.28	0		0		2.28
6	Wearing Coat	MCW	Km	75.452	0		0	75.452	



		SR	Km	2.28	0		0		2.28
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\* 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**

**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		6	1 Nos GAD Approval Pending from SSNNL
2	Minor Bridge	Nos	3	1	2	
3	SVUP	Nos	3	2	1	
4	LVUP	Nos	6	5	1	
5	VUP	Nos	1	-	1	
6	Box Culvert	Nos	54	31	13	
	<b>Total</b>	<b>Nos</b>	<b>74</b>	<b>39</b>	<b>24</b>	

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

**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	200.34	23.55%	32.87	233.21	27.41%	AD.08.09.2021

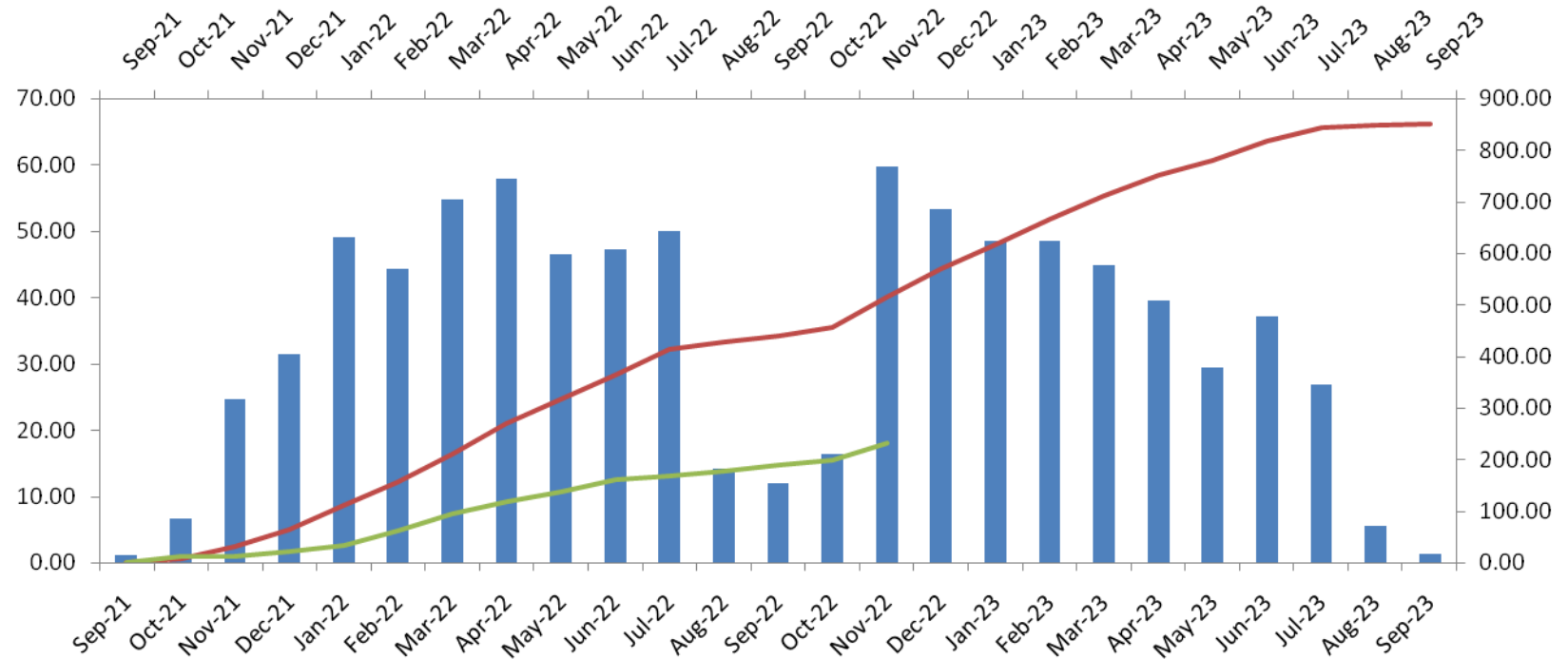
**Physical Progress: -**

Sl. No.	Physical progress till last month	Physical progress for this month	Cumulative Physical progress up to this month	Remarks
	(%)	(%)	(%)	
1	30.95%	5.16%	36.11%	AD.08.09.2021



**S-CURVE:-**  
**(i) FINANCIAL S-CURVE:-**

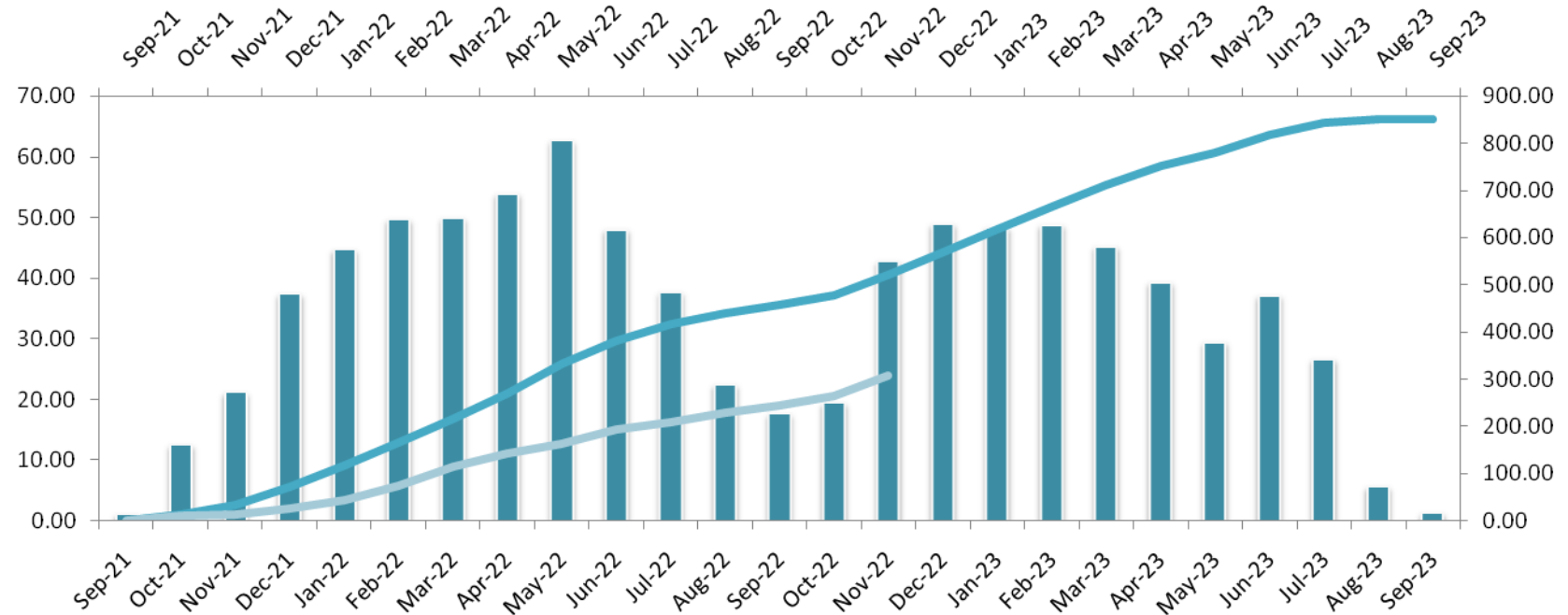
DELHI-VADODARA EXPRESSWAY PKG-30]-[S-CURVE-FINANCIAL PROGRESS AS PER SCH-H.



	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
Planned Value [ Cr ]	1.03	6.70	24.7	31.4	49.1	44.3	54.7	57.9	46.4	47.1	49.9	14.1	11.9	16.3	59.7	53.3	48.5	48.5	44.7	39.5	29.4	37.0	26.8	5.58	1.26
Cumulative Planned Value [ Cr ]	1.03	7.72	32.4	63.8	113.	157.	212.	270.	316.	363.	413.	427.	439.	456.	515.	569.	617.	666.	710.	750.	779.	817.	843.	849.	850.
Cumulative Achieved Value [ Cr ]	0.00	11.3	11.3	21.7	33.0	60.6	94.6	119.	139.	162.	168.	178.	190.	200.	233.										



**(ii) PHYSICAL S-CURVE:-**



	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
Planned Value Cr	1.03	12.5	21.1	37.3	44.6	49.6	49.8	53.8	62.6	47.9	37.6	22.4	17.6	19.4	42.7	48.8	48.3	48.7	45.1	39.2	29.4	37.0	26.6	5.58	1.26
Cumulative Planned Value Cr	1.03	13.5	34.6	72.0	116.	166.	216.	270.	332.	380.	418.	440.	458.	477.	520.	569.	617.	666.	711.	750.	780.	817.	843.	849.	850.
Cumulative Achieved Value Cr	0.00	11.3	11.8	26.4	44.3	73.2	112.	142.	163.	193.	208.	226.	243.	262.	306.										

## Critical Issues of the Project:-

### Critical issues:-

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

Sr. no.	Issues	Description	Remarks
1	Land Acquisition	<b>58.93 %</b> 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 SSNNL canal has submitted in department. Details as following.	
A	At Ch. 352+700 – Sama Minor	Location marked along project alignment/ photos submitted vide PIL Letter: > PIL/DVE-30/AE/310/2022 dated: 08/04/2022 > PIL/DVE-30/AE/271/2022 dated: 07/03/2022	Awaiting for Permission/ NOC
B	353+100 - Nahra Branch Canal	NHAI through letter No. 4841 dt: 06/09/2021 pursued Permission from SSNNL Division No.17. Hence 2X2 box culvert placed for temporary crossing as per PIL Letter no. 107 dt. 24/08/2021	Awaiting for Permission/ NOC
C	At. Ch. 353+500 – Zadaka Minor	GAD & Location marked along project alignment/photos submitted vide PIL Letter: > PIL/DVE-30/AE/310/2022 dated: 08/04/2022 > PIL/DVE-30/AE/271/2022 dated: 07/03/2022	Awaiting for Permission/ NOC
D	At. Ch. 355+250 – Bhadroli Minor	Location marked along project alignment/photos submitted vide PIL Letter: > PIL/DVE-30/AE/310/2022 dated: 08/04/2022 > PIL/DVE-30/AE/271/2022 dated: 07/03/2022	Awaiting for Permission/ NOC
E	At. Ch. 357+312 – SSNNL Canal Division no. 17	Permission seeked from NHAI through PIL Letter No: 107 dt. 24/08/21	Awaiting for Permission/ NOC
F	At. Ch. 357+312 - Branch Canal	GAD submitted vide PIL Letter: > PIL/DVE-30/AE/150/2021 dated: 18/02/2021	Awaiting for Permission/ NOC
G	At. Ch. 361+839 SSNNL Canal Division no. 17	GAD submitted vide PIL Letter: > PIL/DVE-30/AE/092/2021 dated: 06/08/2021	Awaiting for Permission/ NOC
H	At. Ch. 365+593 SSNNL Canal Division no. 17	GAD submitted vide PIL Letter: > PIL/DVE-30/AE/297A/2021 dated: 30/03/2022	Awaiting for Permission/ NOC
I	At. Ch. 371+902 SSNNL Canal Division no. 17	GAD & Location marked along project alignment/photos submitted vide PIL Letter: > PIL/DVE-30/AE/310/2022 dated: 08/04/2022 > PIL/DVE-30/AE/271/2022 dated: 07/03/2022	Awaiting for Permission/ NOC

**Project-**

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

REPORT #

MPR-15/Nov-2022



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Sr. no.	Issues	Description	Remarks
4	COS for Water Pipe line shifting	There are several Nos location where UGPL ( SSNNL dept.) and 4 Nos location where GWSS underground water pipe line has encountered. Shifting work for this line is to be considered in COS as per contract Agreement clause 13.2 (ii). COS request for In-principal approval with detailed cost estimate (certified by department) already has been submitted in your good office vide PIL letter no. 317 & 318 Dt. 09-04-2022, Awaiting for your approval EPC contractor has submitted Detailed estimate vide PIL Letter No. 501 Dt. 12.10.2022 and PIL Letter No. 492 Dt. 27.09.2022	The Authority Engineer has been forward the same to NHAI-PIU for In-principal approval vide letter no. 515 & 516, Dt. 26.04.2022 EPC contractor has submitted Detailed estimate vide PIL Letter No. 492 Dt. 27.09.2022 & PIL Letter No. 501 Dt. 12.10.2022
5	EHT Line Shifting	Process of Estimation of GETCO line is almost final, but we have lots of observation for (WTGL) ADANI EHT line mentioned in letter.	Approval of Revised estimate forwarded by Authority Engineer to NHAI-PIU vide letter no. 2335, Dt. 24.11.2022
6	Major Bridge	1-Approval pending of COS for MJB 365+593 as per PIL Letter No. PIL/HO/DVE30/PIU/294/2022 Dt: 22.03.2022 2-Approval pending of revised design drawing for MJB 365+593 as per PIL Letter No.PIL/HO/DVE30/AE/298/2022 Dt: 30.03.2022.& PIL/HO/DVE30/AE/335/2022 Dt: 25.04.2022. In Compliance to SSNNL Letter No. NPCDN.17/PB/470 of 2022 dt.10.03.2022	
7	370+887 Major Bridge (Gas Pipe Line	As per letter received from NHAI-PIU letter no. 6744, Dt. 06.05.2022 where is mentioned 4 nos of piling location is falling close vicinity of the Gas pipeline/ ROU. In such a situation, there may be an obstacle in the construction activities.	
8	At Ch. 355+415 355+964 356+610 359+118 366+300	Demand of Villagers for construction of underpass. In this regard during the joint inspection of Project Director, PIU, Godhara, AE's representative and PIL's representative on dated 20/04/2022, it was directed by Competent Authority to conduct local survey to establish feasibility of underpass at the locations identified by local villagers. <b>The Villager's has stopped the work again due to demand of underpass.</b> <b>The EPC contractor has intimate the same to your good office vide PIL letter no. 531 Dt. 11.11.2022 &amp; PIL letter no. 537 Dt. 16.11.2022</b>	The Details of local Survey submit in your good office vide PIL letter no. 339, Dt. 29-04-2022
9	361+839 Major Bridge	At the location there is a Hydraulic Regulator (HR) at Sakarda Canal Ch.3+630 that need shifting to extra ROW at Canal ch. 3+706 acquired for canal diversion. In this regard we have already sent the information in your good office vide PIL letter no. 338, Dt. 28-04-2022	Awaiting for permission



**Project-**

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

REPORT #

MPR-15/Nov-2022



Every Milestone is our Value

**Monthly Progress Report**

Sr. no.	Issues	Description	Remarks
10	Force Majeure	<b>There has been a indefinite state-wide strike announced by “Gujarat Quarry Association” in the state of Gujarat from 01.05.2022. Which has stalled the production &amp; supply of raw aggregate and sand material in the project highway and thereby hampered/disrupted the ongoing &amp; planned construction activities of the subject-project.</b>	Intimation of Force Majeure submitted vide PIL letter no. 341, Dt. 02.05.2022
11	Unprecedented Rainfall	<b>There has been an unprecedented rainfall during the entire month of July'22 and Aug'22 due to which work progress is adversely affected. The intimation of the same and detailed report shall be submitted separately henceforth.</b>	Photographs attached herewith
12	At Ch. 367+898 B/C	Demand of Villagers for construction of Underpass instead of proposed Box Culvert (5.0X3.0) as per CA at Ch.367+896. PIL encountered objection from- Mukesh Bhai and some other villagers of Ranipura and they have stopped the work. The same matter has intimated to your good office vide PIL letter no. PIL/DVE30/PIU/365/2022, Dt. 18/05/2022 & PIL/DVE30/PIU/425/2022, Dt. 29/06/2022	Authority Engineer- has rejected demand of villagers for an Underpass instead of CA- Box Culvert (5X3) proposed at Ch.367+896 vide letter No. AE Letter No. LNMIPPL/Godhra/DVE-148N/Pkg-30/22-23/2305/a dt. 18/06/2022
13	Extension of Time	EPC Contractor has submitted Request for Interim Extension of Time (EOT) proposal in accordance with the relevant Provisions of Contract Agreement as per pursuant to Clause 10.5 vide letter no. PIL.HO.DVE30.PIU.711.2020, Dt. 29.10.2022 <b>The EPC Contractor has submitted Request for Interim Extension of Time (EOT) proposal again vide PIL letter No. PIL-HO-DVE30-PIU-794-2022 Dt. 30.11.2022</b>	Authority's approval is awaited
14	EHT Line Shifting 400 KVA of WTGL	EPC Contractor has deposit charges of Phase-I for shifting of WTGL EHV Transmission line 400 KVA (Approx. Rs. 3.76 Cr.) vide PIL letter no. 519, Dt. 31.10.2022	Authority needs to direct WTGL for shifting of EHT line
15	Boundary wall work stopped by Villager's	The EPC contractor has submitted Intimation regarding work stopped by villager's of Boundary Wall due to non-receipt of payment in Bhadroli Bujarg & Bakrol Village, Dist. Panchmahal. Vide Letter No. PIL.DVE30.AE.550.2022, Dt. 26.11.2022	
16	Work Stopped by Villager's	The villager's of Mal-Ankaliya, Ranipura, Nani Bhadol & Gangadiya has stopped construction activities from Km. 363+000 to 371+700 due to	<b>From 04.11.2022 to till date work stopped in 8.70 KM length out of 21.50 KM project length</b>



Sr. no.	Issues	Description	Remarks
		non-receipt of payment. Which was provided by the Authority/District administration to the EPC contractor during force possession. The EPC contractor has intimate the same to your good office vide letter no. PIL.DVE30.PIU.524.2022, Dt. 04.11.2022 & PIL Letter No. PIL.DVE30.PIU.542.2022, Dt. 18.11.2022	<b>*Due to stopped of work, all the machineries are standing in idle conditions which the EPC contractor has to suffer a hug financial losses.</b>

## Status of Land Acquisition & Utility shifting

### Details of Land Acquisition- Hindrance/Possession

Sr. No.	Chainage		Block / Survey Number	Area in Hec of 3G Land	Length (Mtr)	Hindrance Length (Km)	Date of Land Hand over / Physical Possession Received / Force Possession	Hindrances Description
	From	To						
1	3510 00	3522 00	Tehsil- Kalol Village Derol		1200	-		Temple, Home, Underground water Pipe Line & Payment Issues of Land
			235	0.4237			07-Jul-21	Physical Possession Received
			237	0.2834			07-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			07-Jul-21	Physical Possession Received
			243	0.0833			07-Jul-21	
			244	0.2248			05-Jul-21	Physical Possession Received
			255	0.0081				Document Pending
			246	0.2812			05-Jul-21	Physical Possession Received
			378	0.0132			05-Jul-21	Physical Possession Received
			383	0.2776			05-Jul-21	
			379	0.0282			05-Jul-21	
			309	0.0716			05-Jul-21	
			747	0.3402			05-Jul-21	
			380	0.1951			Payment on 28.03.2022	Payment on 28.03.2022
			385	0.0283			12-Sep-21	Possession received but Payment Pending From CALA Office, Land is Mortgage



Sr · N o.	Chainage		Block /  Survey Number	Area in Hec  of 3G Land	Len gth  (Mt r)	Hindra nce Length (Km)	Date of Land Hand over / Physical Possession Received / Force Possession	Hindrances Description
	From	To						
			386	0.1074			12-Sep-21	Possession received but Case Paper Preparation in Process
			382	0.4214			05-Jul-21	Physical Possession Received
			387	0.0303			05-Jul-21	Physical Possession Received
			392	0.0745			05-Jul-21	Physical Possession Received
			388	0.159			05-Jul-21	Physical Possession Received
			390	0.1863			05-Jul-21	Physical Possession Received
			389	0.0026			05-Jul-21	Physical Possession Received
			391	0.0037			12-Sep-21	Possession received but Land Mortgage
			381	0.241			06-08-21	Payment Pending From CALA Office
			319	0.116			05-Jul-21	Physical Possession Received
			316	0.1106			05-Jul-21	
			363	0.0992			05-Jul-21	
			370	0.2306			05-Jul-21	
			369	0.2875			05-Jul-21	
			368	0.197			05-Jul-21	Physical Possession Received
			371	0.2225			05-Jul-21	Physical Possession Received
			364	0.1087			05-Jul-21	Physical Possession Received
			365	0.3795			04-Aug-21	Physical Possession Received
			367	0.1457			04-Aug-21	Physical Possession Received
			366	0.1909			04-Aug-21	
			350	0.468			04-Aug-21	Physical Possession Received
			349	0.0065			06-08-21	Death Inheritance is Pending
			315	0.0163			06-08-21	
			345	0.0707			06-08-21	Shankuben is not ready to sign on Paper
			310	0.1024			04-Aug-21	Physical Possession Received
			311	0.208			05-Jun-21	Physical Possession Received
			308	0.0702			05-Jun-21	Physical Possession Received
			314	0.2396			05-Jun-21	Physical Possession Received
			312	0.1746			05-Jun-21	Physical Possession Received
			313	0.1795			05-Jun-21	Physical Possession Received
			323	0.3066			05-Jun-21	Physical Possession Received
			322	0.0315			05-Jun-21	Physical Possession Received
			288	0.074			05-Jun-21	Physical Possession Received
			286	0.1198			05-Jun-21	Physical Possession Received
			287	0.1235			05-Jun-21	
			750	0.2032			05-Jun-21	
			318	0.0165			18-Oct-21	Physical Possession Received
			317	0.2041			18-Oct-21	Physical Possession Received



Sr · N o.	Chainage		Block /	Area in	Len	Hindra	Date of Land	Hindrances Description
	From	To	Survey Number	of 3G Land	gth (Mtr)	nce Length (Km)	Hand over / Physical Possession Received / Force Possession	
			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			12-Sep-21	Possession received but Payment Pending From CALA Office
			326	0.0232			05-Jul-21	Physical Possession Received
			283	0.3392			Payment on 28.03.2022	Payment on 28.03.2022
			746	0.1962			05-Jul-21	Physical Possession Received
			748	0.0912			05-Jun-21	Physical Possession Received
			749	0.0536			05-Jun-21	
			755	0.4661			05-Jun-21	
			751	0.009				Payment Pending From CALA Office
			740	0.3664			07-Jul-21	Physical Possession Received
			741	0.1591			07-Jul-21	Physical Possession Received
			745	0.552			05-Jul-21	Physical Possession Received
			742	0.2211			05-Jul-21	Physical Possession Received
			743	0.1947			05-Jul-21	Physical Possession Received
			744	0.1394			05-Jul-21	Physical Possession Received
			403	0.2046			05-Jul-21	Physical Possession Received
			396	0.1883			05-Jul-21	
			405	0.009			05-Jul-21	Physical Possession Received
			395	0.4213			05-Jul-21	Physical Possession Received
			397	0.1123			05-Jul-21	Physical Possession Received
<b>2</b>	<b>3522 00</b>	<b>3536 00</b>	<b>Tehsil- Kalol Village Sama</b>		<b>140 0</b>	<b>-</b>		<b>Work excuting in this strech with force possession</b>
			889	0.0075			05-Jun-21	Physical Possession Received
			761	0.0473			13-Sep-21	Possession received but Owner is Out of India
			764	0.0148			05-Jun-21	Physical Possession Received
			784	0.2862			05-Jun-21	
			956	0.1013			05-Jun-21	
			957	0.2168			05-Jun-21	
			763	0.0034			13-Sep-21	Possession Received Death inheritance left. MathurbhaiKalidas.
			762	0.1504			05-Jun-21	Physical Possession Received
			955	0.0022			05-Jun-21	
			787	0.0351			13-Sep-21	Possession received but Payment Pending From CALA Office
			785	0.2441			05-Jun-21	Physical Possession Received



Sr · No.	Chainage		Block / Survey Number	Area in Hec of 3G Land	Len gth (Mt r)	Hindra nce Length (Km)	Date of Land Hand over / Physical Possession Received / Force Possession	Hindrances Description
	From	To						
			922	0.4535			05-Jun-21	
			965	0.0414			05-Jun-21	
			786	0.088			05-Jun-21	Physical Possession Received
			765	0.0399			05-Jun-21	Physical Possession Received
			783	0.1928			05-Jun-21	Physical Possession Received
			959	0.2443			05-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	
			954	0.1035			<b>Payment on 21.12.21</b>	Inheritance Pending
			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	Physical Possession Received
			967	0.0253			23-Sep-21	Physical Possession Received
			917	0.014			18-Oct-21	Physical Possession Received
			916	0.006			18-Oct-21	
			969	0.0532			18-Oct-21	
			879	0.1787			18-Oct-21	Physical Possession Received
			881	0.0089			18-Oct-21	Physical Possession Received
			880	0.0839			18-Oct-21	Physical Possession Received
			873	0.2678			18-Oct-21	
			878	0.1367			18-Oct-21	Physical Possession Received
			876	0.211			18-Oct-21	
			93	0.1882			18-Oct-21	Physical Possession Received
			866	0.6373			18-Oct-21	
			867	0.9746			18-Oct-21	
			877	0.2327			18-Oct-21	Physical Possession Received
			875	0.116			04-Aug-21	Physical Possession Received
			92	0.3211			04-Aug-21	Physical Possession Received
			865	0.1346			04-Aug-21	
			96	0.2087			04-Aug-21	
			95	0.4208			14-Sep-21	Physical Possession Received
			94	0.5662			06-Oct-21	Physical Possession Received



Sr · No.	Chainage		Block /	Area in	Len	Hindra	Date of Land	Hindrances Description
	From	To	Survey Number	of 3G Land	gth (Mtr)	nance Length (Km)	Hand over / Physical Possession Received / Force Possession	
			864	0.1049			06-Oct-21	
			874	0.3277			06-Oct-21	
			933	0.2111			06-Oct-21	Physical Possession Received
			932	0.0636			05-Jun-21	Physical Possession Received
			931	0.0436			13-Sep-21	Possession received but Land in Dispute. Payment Stopped
			930	0.001			13-Sep-21	
			872	0.0646			13-Sep-21	Possession received but Document not submit
			871	0.243			19-Jul-21	Physical Possession Received
			869	0.002			19-Jul-21	Physical Possession Received
			870	0.0664			19-Jul-21	Physical Possession Received
			109	0.3548			19-Jul-21	Physical Possession Received
			85	0.1513			19-Jul-21	
			110	0.0159			14-Sep-21	Physical Possession Received
			86	0.1595			14-Sep-21	Physical Possession Received
			88	0.0218			14-Sep-21	Physical Possession Received
<b>3</b>	<b>3536 00</b>	<b>3558 00</b>	<b>Tehsil- Kalol Village Bhadroli Bujurg</b>		<b>220 0</b>	<b>-</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			20-01-21	Physical Possession Received
			968	0.3173			12-01-21	Physical Possession Received
			969	0.078				Inheritance Pending
			970	0.0772			12-01-21	Physical Possession Received
			973	0.2521			18-10-21	Physical Possession Received
			971	0.009				Documents Pending
			974	0.4072			06-10-21	Physical Possession Received
			960	0.015				Inheritance Pending
			962	0.006				Inheritance entry not certified
			436	0.0208			05-07-21	Physical Possession Received
			435	0.2144			12-01-21	Physical Possession Received
			965	0.0377				Death is in Dispute
			964	0.1962				
			963	0.3272				
			420	0.1718			05-Jun-21	Physical Possession Received
			419	0.2674			05-Jun-21	Physical Possession Received
			418	0.5995			20-01-21	Physical Possession Received
			417	0.3861			12-01-21	Physical Possession Received
			403	0.016			12-01-21	Physical Possession Received



**Monthly Progress Report**

Sr · N o.	Chainage		Block /  Survey Number	Area in Hec  of 3G Land	Len gth  (Mt r)	Hindra nce Length (Km)	Date of Land Hand over / Physical Possession Received / Force Possession	Hindrances Description
	From	To						
			404	0.0943				Documents still Pending
			416	0.2908			12-01-21	Physical Possession Received
			392	0.0623			12-01-21	Physical Possession Received
			406	0.1841			12-01-21	
			407	0.157			12-01-21	Physical Possession Received
			396	0.2326			12-01-21	Physical Possession Received
			397	0.0931			12-01-21	
			405	0.2227			05-Jun-21	Physical Possession Received
			385	0.0512				Re survey done additional Award pending
			387	0.0389				
			388	0.2795			12-01-21	Physical Possession Received
			394	0.2317			12-01-21	Physical Possession Received
			395	0.451			21-01-21	Physical Possession Received
			393	0.1315			28-09-21	Physical Possession Received
			391	0.1114			28-01-21	Physical Possession Received
			408	0.0297			24-08-21	Physical Possession Received
			414	0.0573				Payment Pending at CALA
			415	0.1098			24-05-21	Physical Possession Received
			431	0.0015			05-07-21	Physical Possession Received
			432	0.1667			05-07-21	
			433	0.2339			28-01-21	Physical Possession Received
			449	0.2888			28-01-21	
			434	0.4706			12-01-21	Physical Possession Received
			447	0.0264			12-01-21	Physical Possession Received
			448	0.508			12-01-21	Physical Possession Received
			351	0.1572			05-Jun-21	Physical Possession Received
			350	0.2064			12-01-21	Physical Possession Received
			349	0.3208			12-01-21	
			312	0.1458			28-01-21	Physical Possession Received
			313	0.1476			28-01-21	
			311	1.429			28-01-21	
			230	0.3237			28-01-21	
			239	0.4249			28-01-21	
			314	0.3098			12-01-21	Physical Possession Received
			315	0.0217				Documents Pending
			348	0.6327			06-08-21	Force possession but not received
			347	0.2872			15-07-21	Physical Possession Received
			346	0.0251			06-08-21	Physical Possession Received





**Monthly Progress Report**

Sr · No.	Chainage		Block /	Area in	Len	Hindra	Date of Land	Hindrances Description
	From	To	Survey Number	of 3G Land	gth (Mtr)	nance Length (Km)	Hand over / Physical Possession Received / Force Possession	
			306	0.4037				Death is in dispute
			305	0.0133				Documents Pending
			310	0.1018			20-10-21	Physical Possession Received
			364	0.8662			20-01-21	Physical Possession Received
			229	0.1275			12-01-21	Physical Possession Received
			366	0.2529			05-Jun-21	Physical Possession Received
			367	0.172			12-06-21	Physical Possession Received
			365	0.8191			12-06-21	Physical Possession Received
			228	0.3245			12-06-21	Physical Possession Received
			231	0.1616				Payment Pending From CALA Office
			238	0.3166			12-06-21	Physical Possession Received
			235	0.4916			12-06-21	Physical Possession Received
			236	0.55			06-08-21	Physical Possession Received
			237	0.0232			06-08-21	Inheritance Pending
			369	0.1394			20-10-21	Physical Possession Received
			954	0.2713			02-08-21	Physical Possession Received
			976	0.3265			02-08-21	
			955	0.0603				Documents Pending
			975	0.4691				
			946	0.0084			28-09-21	Payment Pending From CALA Office
			951	0.1292				
			953	0.2529			02-02-21	Physical Possession Received
			950	0.1494			02-02-21	Physical Possession Received
			947	0.205			02-02-21	Physical Possession Received
			949	0.3661			20-01-21	Physical Possession Received
			948	0.0008			02-02-21	Physical Possession Received
			307	0.2353			20-10-21	Physical Possession Received
			450	0.0979			02-02-21	Physical Possession Received
<b>4</b>	<b>3558 00</b>	<b>3569 00</b>	<b>Tehsil- Kalol Village Bakrol</b>		<b>110 0</b>	<b>-</b>		<b>Temple, Home, Underground water Pipe Line &amp; Payment Issues of Land</b>
			1386	0.0155			02-02-21	Physical Possession Received
			1391	0.1441			14-10-20	Physical Possession Received
			1395	0.1467			12-06-21	Physical Possession Received
			1394	0.1645			20-01-21	Physical Possession Received
			1393	0.1623			12-01-21	Physical Possession Received
			1396	0.1477			02-02-21	Physical Possession Received
			1397	0.3				Structure payment done land payment pending
			1398	0.0791			05-07-21	Physical Possession Received



Sr · No.	Chainage		Block /  Survey Number	Area in Hec  of 3G Land	Len gth  (Mt r)	Hindra nce Length (Km)	Date of Land Hand over / Physical Possession Received / Force Possession	Hindrances Description
	From	To						
			1401	0.0181			15-07-21	Physical Possession Received
			1621	0.4319			<b>10.12.21</b>	Physical Possession Received
			1642	0.3672			14-10-20	Physical Possession Received
			1641	0.3314			02-02-21	Physical Possession Received
			1643	0.0592			02-02-21	
			1657	0.0925			02-02-21	
			1644	0.1205			20-01-21	Physical Possession Received
			1645	0.1187			01-08-22	Physical Possession Received
			1658	0.1533			12-06-21	Physical Possession Received
			1662	0.161			07-08-21	Disputed Land but Possession Paper signed
			1661	0.0802			12-01-21	Physical Possession Received
			1665	0.2422			02-02-21	Physical Possession Received
			1666	0.2457			02-02-21	
			1667	0.3451			02-02-21	
			1668	0.2214				Inheritance Pending
			1669	0.4898			12-06-21	Physical Possession Received
			1670	0.0393			01-08-22	Physical Possession Received
			1671	0.2279			02-02-21	Physical Possession Received
			1672	0.004				Documents Pending
			1673	0.1071				
			1674	0.3747			02-02-21	Physical Possession Received
			1675	0.653			14-10-20	Physical Possession Received
			1676	0.3525			20-01-21	Physical Possession Received
			1680	0.1568				Payment Pending From CALA Office
			1681	0.0189			19-01-21	Physical Possession Received
			1717	0.0703			01-08-22	Physical Possession Received
			1718	0.3888			05-Jun-21	Physical Possession Received
			1719	0.0553				Payment Pending From CALA Office
			1720	0.133			12-01-21	Physical Possession Received
			1725	0.0542			02-02-21	Physical Possession Received
<b>5</b>	<b>3569 00</b>	<b>3589 00</b>	<b>Tehsil- Kalol Village Ratanpura</b>		<b>200 0</b>	<b>0.090</b>		<b>Temple, Home, Underground water Pipe Line &amp; Payment Issues of Land</b>
			655	0.2488			02-02-21	Physical Possession Received
			505	0.2125			09-10-20	Physical Possession Received
			503	0.0033			12-10-21	Inheritance Pending
			504	0.0144			14-10-20	Physical Possession Received
			508	0.0083			14-10-20	Physical Possession Received
			506	0.1619			02-02-21	Physical Possession Received
			509	0.243			19-10-20	Physical Possession Received



Sr · No.	Chainage		Block /  Survey Number	Area in Hec  of 3G Land	Len gth  (Mt r)	Hindra nce Length (Km)	Date of Land Hand over / Physical Possession Received / Force Possession	Hindrances Description
	From	To						
			514	0.6966			09-10-20	Physical Possession Received
			513	0.1695			22-01-21	Physical Possession Received
			66	0.2827			09-10-20	Physical Possession Received
			31	0.2212			14-10-20	Physical Possession Received
			37	0.0378			22-10-20	Physical Possession Received
			64	0.2803			22-10-20	
			65	0.3844			22-10-20	
			32	0.3174			22-10-20	
			39	0.1755			22-10-20	
			38	0.0949			22-10-20	
			33	0.0179			09-10-20	
			34	0.0185			09-10-20	Physical Possession Received
			36	0.3491			09-10-20	Physical Possession Received
			35	0.928			09-10-20	Physical Possession Received
			25	0.2107			09-10-20	Physical Possession Received
			24	0.1526			09-10-20	Physical Possession Received
			23	0.6758			22-01-21	Physical Possession Received
			18	0.183			22-01-21	
			17	0.2125			22-01-21	
			21	0.0032			12-10-21	Payment Pending From CALA Office
			15	0.0011			09-10-20	Physical Possession Received
			12	0.0069			12-10-21	Disputed Land but Possession Paper signed
			16	0.3695			09-10-20	Physical Possession Received
			48	0.0196			12-10-21	Documents Pending
			19	0.0588				Payment Pending From CALA Office
			22	0.4271			22-10-20	Physical Possession Received
			94	0.05			12-10-21	Documents Pending
			9	0.0374			09-10-20	Physical Possession Received
			95	0.1276			09-10-20	
			97	0.0109			12-10-21	Documents Pending
			98	0.0193			12-10-21	Documents Pending
			96	0.4049			19-10-20	Physical Possession Received
			103	0.2467			09-10-20	Physical Possession Received
			104	0.9822			12-10-21	Payment Pending From CALA Office
			107	0.4666			09-10-20	Physical Possession Received
			106	0.0577			09-10-20	Physical Possession Received
			108	0.4605			09-10-20	Physical Possession Received
			109	0.4606			06-10-21	Physical Possession Received
			110	0.2219			06-10-21	



**Monthly Progress Report**

Sr . N o.	Chainage		Block /	Area in Hec	Len gth	Hindra nce Length (Km)	Date of Land Hand over / Physical Possession Received / Force Possession	Hindrances Description
	From	To	Survey Number	of 3G Land	(Mt r)			
			111	0.2751			14-10-20	Physical Possession Received
			112	0.3031			05-Jun-21	Physical Possession Received
			195	0.0107			05-Jun-21	Physical Possession Received
			198	0.3339			05-Jun-21	
			194	0.0744			12-10-21	Documents Pending
			197	0.7089			14-10-20	Physical Possession Received
			199	0.141			14-10-20	Physical Possession Received
			528	0.2738			14-10-20	Physical Possession Received
			527	0.5088			04-08-21	Physical Possession Received
			519	0.652			19-10-20	Physical Possession Received
			526	0.0064			19-10-20	
			518	0.0384			19-10-20	Physical Possession Received
			512	0.0394			12-10-21	Owner Not Found
			515	0.8771			19-07-21	Physical Possession Received
			643	0.0383			19-10-20	Physical Possession Received
			517	0.0004			01-08-22	Physical Possession Received
			627	0.1715			01-08-22	Physical Possession Received
			650	0.1319			19-10-20	Physical Possession Received
			651	0.0781			19-10-20	Physical Possession Received
			652	0.2745			19-10-20	
			654	0.2283			19-10-20	Physical Possession Received
<b>6</b>	<b>3589 00</b>	<b>3623 00</b>	<b>Tehsil- Kalol Village Nevariya</b>		<b>340 0</b>	<b>0.170</b>		<b>Temple, Home, Underground water Pipe Line &amp; Payment Issues of Land</b>
			100	0.0432			19-10-20	Physical Possession Received
			101	0.236			12-10-21	Land is Sale to other person
			111	0.497			05-Jun-21	Physical Possession Received
			116	0.06			12-06-21	Physical Possession Received
			12	0.2122			22-01-21	Physical Possession Received
			13	0.8416			19-10-20	Physical Possession Received
			133	0.0684			23-09-21	Physical Possession Received
			135	0.2119			14-09-21	Physical Possession Received
			153	1.3729			02-08-22	Physical Possession Received
			516	0.9758			02-08-22	Physical Possession Received
			170	0.8357			12-01-21	Physical Possession Received
			171	0.6166			12-10-21	Physical Possession Received
			201	0.0221			Payment on 28.03.2022	Payment on 28.03.2022
			202	1.0456			06-10-21	Physical Possession Received
			216	0.1304			12-10-21	Physical Possession Received .
			218	0.1804			12-10-21	Physical Possession Received



Sr · N o.	Chainage		Block /	Area in	Len	Hindra	Date of Land	Hindrances Description
	From	To	Survey Number	of 3G Land	gth (Mtr)	nance Length (Km)	Hand over / Physical Possession Received / Force Possession	
			226	0.0461			14-09-21	Physical Possession Received
			227	1.015			25-11-21	Physical Possession Received
			239	0.6739			25-11-21	Physical Possession Received
			240	0.255			25-11-21	
			253	0.5462			06-10-21	Physical Possession Received
			254	0.1234			07-08-21	Physical Possession Received
			257	0.1216			12-10-21	Document Pending
			265	0.7738			12-10-21	Payment Pending From CALA Office
			267	1.0481			18-10-21	Physical Possession Received
			4	0.0893			19-07-21	Physical Possession Received
			424	0.0461			05-07-21	Physical Possession Received
			428	0.116			14-09-21	Physical Possession Received
			429	0.0696			12-10-21	Document Pending but Possession Paper signed
			466	0.2725			23-09-21	Physical Possession Received
			467	0.2167			07-08-21	Physical Possession Received
			468	0.3433			07-08-21	Physical Possession Received
			469	0.2462			07-08-21	
			470	0.3472			05-07-21	Physical Possession Received
			471	0.5671			12-10-21	Documents Pending but Possession Paper signed
			472	0.2394			12-01-21	Physical Possession Received
			5	0.4285			12-06-21	Physical Possession Received
			74	0.1183			10-07-21	Physical Possession Received
			75	0.5242			12-01-21	Physical Possession Received
			76	0.4345			07-Jul-21	Physical Possession Received
			77	0.053			12-01-21	Physical Possession Received
			96	0.1787			12-01-21	
			97	0.6782			07-Jul-21	Physical Possession Received
			98	0.9442			09-11-21	Physical Possession Received
<b>7</b>	<b>3623 00</b>	<b>3629 00</b>	<b>Tehsil- Savli Village Kambola</b>		<b>600</b>	<b>-</b>		<b>Work executing in this stretch with force possession</b>
			93/1	1.1296			12-01-21	Physical Possession Received
			93/2				12-01-21	
			94	1.0115			12-01-21	Physical Possession Received
			96/1	0.0014				Payment Pending From CALA Office but Possession Paper signed
			96/2 Paiki 1	1.2769			06-08-21	Physical Possession Received
			96/2 Paiki 2				17-08-21	Payment Pending From CALA Office but Possession Paper signed
			96/3/ba/1	1.0337			17-08-21	Physical Possession Received



Sr · No.	Chainage		Block /  Survey Number	Area in Hec  of 3G Land	Len gth  (Mt r)	Hindra nce Length (Km)	Date of Land Hand over / Physical Possession Received / Force Possession	Hindrances Description
	From	To						
			96/3/ba/2	0.0046			17-08-21	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			12-01-21	Physical Possession Received
			91paiki 2	0.1145			17-08-21	Payment Pending From CALA Office but Possession Paper signed
8	3629 00	3654 00	<b>Tehsil- Savli Village Mal Ankaliya</b>		<b>250 0</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.
			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				06-Aug-21	
			167/2 pai				06-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				



Sr · No.	Chainage		Block /	Area in	Len	Hindra	Date of Land	Hindrances Description
	From	To	Survey Number	of 3G Land	gth (Mtr)	nance Length (Km)	Hand over / Physical Possession Received / Force Possession	
			245/1	0.0422				There is a question of jantri.
			251/1	0.4891				There is a question of jantri.
			256/2	0.2524				
			251/3	0.1491				There is a question of jantri.
			251/5	0.1177				
			251/4	0.3449				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.
			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				06-Aug-21	
			167/2 paiki				06-Aug-21	





**Monthly Progress Report**

Sr · No.	Chainage		Block /	Area in	Len	Hindra	Date of Land	Hindrances Description
	From	To	Survey Number	of 3G Land	gth (Mtr)	nance Length (Km)	Hand over / Physical Possession Received / Force Possession	
			187	0.0063				There is a question of jantri.
			191/1 paiki 1	0.1554				There is a question of jantri. And there are trees here.
			260/a	0.7478				
			260/ba					
9	3654 00	3681 00	Tehsil- Savli Village Ranipura		270 0	0.57		<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 VanrajsinhManubhai which is really different.
			105	0.249			05-Jun-21	Physical Possession Received
			106	0.3845			06-08-21	Physical Possession Received
			107	0.3642			12-01-21	Physical Possession Received
			108 Paiki 1	0.2627			05-Jun-21	Physical Possession Received
			110	0.5246			05-Jun-21	Physical Possession Received
			110/1/a	0.0609				The land goes over. Re-survey Done measurement sheet awaited
			111	0.3322			05-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			05-Jun-21	Physical Possession Received
			162/1	0.0042			05-Jun-21	Physical Possession Received
			162/2	0.1331				Documents Pending
			165	0.4151			06-08-21	Physical Possession Received
			166	0.1019			05-Jun-21	Physical Possession Received
			168	0.0435			27-08-21	Physical Possession Received
			169	1.2486			05-Jun-21	Physical Possession Received
			170	0.3058			05-Jun-21	Physical Possession Received
			171	0.245			05-Jun-21	Physical Possession Received
			181/1	0.216			22-05-21	The land goes from 182/2.
			182	0.8066			06-08-21	Physical Possession Received
			183	0.2732			05-Jun-21	Physical Possession Received
			184	0.0833			05-Jun-21	Physical Possession Received
			184/1	0.2178			05-07-21	
			185	0.0126				Document Pending



Sr . N o.	Chainage		Block /	Area in	Len	Hindra	Date of Land	Hindrances Description
	From	To	Survey Number	of 3G Land	gth (Mt r)	nance Length (Km)	Hand over / Physical Possession Received / Force Possession	
			190	0.1135			05-Jun-21	Physical Possession Received
			195	0.0764			05-Jun-21	Physical Possession Received
			197	0.2015			05-Jun-21	
			198	0.5561			05-Jun-21	Physical Possession Received
			199	0.2623			12-06-21	Physical Possession Received
			202	0.4553			05-07-21	Physical Possession Received
			203/2	0.4047				Document Pending
			204	0.0207			05-07-21	Physical Possession Received
			220	0.3511			05-Jun-21	Physical Possession Received
			230	0.2786			05-Jun-21	
			231	0.7393			05-Jun-21	Physical Possession Received
			232/a	0.0703			05-07-21	Physical Possession Received
			233/a	0.8661			05-Jun-21	Physical Possession Received
			27/3/Ba	0.1053			05-Jun-21	Physical Possession Received
			27/6/ba	0.1953			12-06-21	Physical Possession Received
			31/a	0.013			05-07-21	Physical Possession Received
			32	0.2083			05-07-21	Physical Possession Received
			33	0.7792			05-07-21	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				Land Owner not submitting documents for payment
			52/25 paiki 1 paiki 1					
			52/25 paiki 2					
			52/26/a paiki 1	2.1351			01-Oct-20	Physical Possession Received
			585	0.1235				Document Pending
			61	0.0098			01-Oct-20	Physical Possession Received
			65	0.4611			01-Oct-20	Physical Possession Received
			73	0.6928			01-Oct-20	Physical Possession Received
			109/a	0.0612			06-08-21	Physical Possession Received
			163	0.0691			01-Oct-20	Physical Possession Received
			168/2	0.0489			27-08-21	Physical Possession Received
			169 paiki	0.0338			05-Jun-21	Physical Possession Received
			170	0.0066			05-Jun-21	Physical Possession Received
			174/a/ paiki 1	0.366			05-Jun-21	Physical Possession Received
			174/a/ paiki 2					
			174/ba	0.2672				Re-survey done pending with CALA office
			182	0.0637				Re-survey done pending with CALA office



Sr · No.	Chainage		Block /	Area in	Len	Hindra	Date of Land	Hindrances Description
	From	To	Survey Number	of 3G Land	gth (Mt r)	nance Length (Km)	Hand over / Physical Possession Received / Force Possession	
			184/1	0.0387			05-Jun-21	Physical Possession Received
			196	0.2569			05-Jun-21	Physical Possession Received
			203/1	0.1056				Re-survey done pending with CALA office
			203/2					
			204	0.0463			05-Jun-21	Physical Possession Received
			245	0.0045				Documents Pending
			52/12/a	0.0061				Re-survey done pending additional award pending from CALA
			63/1/1	0.2514			11-08-2022	Physical Possession Received
			63/1/2				11-08-2022	Physical Possession Received
<b>10</b>	<b>368100</b>	<b>370500</b>	<b>Tehsil- Savli Village NaniBhadol</b>		<b>2400</b>	<b>2.826</b>		<b>Temple, Home, Underground water Pipe Line &amp; Payment Issues of Land</b>
			611	0.0039			05-Jun-21	Physical Possession Received
			612	0.5822				Not awarded according to calendar.
			613	0.2529				
			622	0.0059			05-Jun-21	Physical Possession Received
			624	0.8531				Documents Pending
			632	1.1852				
			625/1	0.4458			05-Jun-21	Physical Possession Received
			625/2	0.0255			05-Jun-21	Physical Possession Received
			625/7	0.8348				Not awarded according to calendar.
			625/8	0.3593			05-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			05-Jun-21	Physical Possession Received
			640/11	0.0592				Document Pending
			640/12	0.0131				
			640/9	0.3672				Document Pending
			640/13	0.264				Document Pending
			640/6	0.5832			05-Jun-21	Physical Possession Received
			640/8	0.534			14-10-20	Physical Possession Received



Sr . N o.	Chainage		Block / Survey Number	Area in Hec of 3G Land	Len gth (Mt r)	Hindra nce Length (Km)	Date of Land Hand over / Physical Possession Received / Force Possession	Hindrances Description
	Fro m	To						
			641	0.6927			14-10-20	Physical Possession Received
			641/1	0.7596			05-Jun-21	Physical Possession Received
			642	0.1167			02-Aug-22	Physical Possession Received
			642/3	0.5842				Document Pending
			642/4	0.4037				Document Pending
			642/5	0.2529				
			642/6	0.3136				
			642/7	0.639			05-Jun-21	Physical Possession Received
			642/8/1/2	1.2755				Document Pending
			643/4	0.6346				Document Pending
			643	2.4716			10-07-21	Physical Possession Received
			623/A	0.027			10-07-21	Physical Possession Received.
			623/B	0.3652			10-07-21	
			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			10-07-21	Physical Possession Received
			631/B	0.2726			10-07-21	
<b>1</b>	<b>3705</b>	<b>3717</b>	<b>Tehsil- Savli Village</b>		<b>120</b>	<b>-</b>		<b>Temple, Home, Underground water</b>
<b>1</b>	<b>00</b>	<b>00</b>	<b>Gangediya</b>					<b>Pipe Line &amp; Payment Issues of Land</b>
			79/44	1.3314			06-Aug-21	Physical Possession Received
							06-Aug-21	
			79/1	0.0018				Documents Pending
			79/ 20/ a	0.9086				Documents Pending
			79/21	0.7516			06-Aug-21	Physical Possession Received
			79/29	0.3532			06-Aug-21	Physical Possession Received
			79/30	2.8033			06-Aug-21	Physical Possession Received
			79/31	1.8982				Documents Pending
			79/32	0.0116				Documents Pending
			79/39/a	0.119				Documents Pending
			79/39/b	0.3471				Documents Pending
			79/40	0.8985				Documents Pending



Sr · No.	Chainage		Block /  Survey Number	Area in Hec  of 3G Land	Len gth  (Mt r)	Hindra nce Length (Km)	Date of Land Hand over / Physical Possession Received / Force Possession	Hindrances Description
	Fro m	To						
			79/41/a	0.5473			17-06-21	Physical Possession Received
			79/41/b	0.8717			17-06-21	
			79/42/a	0.3094			17-06-21	Physical Possession Received
			79/43/a/1	0.0341				Documents Pending
			79/45/a	0.8683				Documents Pending
			79/46/a	0.3274			17-06-21	Physical Possession Received
<b>1 2</b>	<b>371+ 700</b>	<b>372+ 500</b>	<b>Tehsil- Savli Village Pratapnagar</b>		<b>0.8</b>			<b>Temple, Home, Underground water Pipe Line &amp; Payment Issues of Land</b>
			35/2	0.7137				Re-Survey done pending from CALA office
			36	0.1265			07-Jul-21	Physical Possession Received
			39/A	0.0003			07-Jul-21	Physical Possession Received
			39/B	1.9715			07-Jul-21	Physical Possession Received
			40/A Paiki	2.353			07-Jul-21	Physical Possession Received
			40/B	0.0022			07-Jul-21	Physical Possession Received
			41	2.3246			07-Jul-21	Physical Possession Received
			42	1.7374			07-Jul-21	Physical Possession Received
				<b>Total Length (km)</b>	<b>21. 5</b>	<b>3.656</b>		

**Note:-** The Villagers of Malankaliya, Ranipura, Nani Bhadol & Gangadiya has stopped the construction activities from Km. 363+000 to 371+700 from dated 4th November'2022. Total 8.70 KM length affected from out of 21.50 Km project length. which was provided by the Authority/District administration to the EPC contractor during force possession.

Total Land of the Project BHS in Km.	21.500
Hindered Land in Km out of 21.50 Km.	8.830
Total Net Effective Hindered Length (%)	41.07%

### Details of Land Acquisition- Hindrance List

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

Sr. No	CH From	CH To	Length (M)		Hindrance Length (M)	Hindrances Description
			LHS	RHS		
1	358440	358530	90		90	3A Done Award done payment pending
2	361600	361650	50	120	170	3D & 3G Pending time to time villagers Stop the work Survey No. 0Z38 & 0Z43
3	366060	366150	90		90	Survey No. 63/1 Additional Award in Process
4	366330	366350	20		20	Survey No. 110/1 Villagers Stop the work & Creating violence at site. Re-survey done additional award in process
5	366400	366450		50	50	Survey No. 112 Villagers Stop the work & Creating violence at site. Re-survey done additional award in process
6	366670	366700	30		30	Survey No. 102 Villagers Stop the work & Creating violence at site. Re-survey done additional award in process
7	366830	366920		90	90	Survey No. 168/174a Villagers Stop the work & Creating violence at site. Re-survey done additional award in process
8	367000	367100	100		100	Survey No. 181/1 Villagers Stop the work & Creating violence at site. Re-survey done additional award in process
9	367100	367200		100	100	Survey No. 203 Villagers Stop the work & Creating violence at site. Re-survey done additional award in process
10	367220	367300		80	80	Survey No. 220 Villagers Stop the work & Creating violence at site. Re-survey done additional award in process
11	368090	368100	10	0	10	Survey No.52/11, 52/12a,52/13/1 & 3 Award in process
12	368469	368830	361		361	Owner Stop the work & Creating violence at site. They Demanding of difference of tree compensation rate- <b>Nilgiri Forest</b>
13	368830	369146	316		316	Villagers Stop the work & Creating violence at site. They Demanding of difference of tree compensation rate- <b>Open (Access not Available)</b>
14	369146	369500	354		354	Villagers Stop the work & Creating violence at site. They Demanding of difference of tree compensation rate - <b>Nilgiri Forest</b>



Sr.	CH From	CH To	Length (M)		Hindran	Hindrances Description
15	369500	369710	210		210	Villagers Stop the work & Creating violence at site. They Demanding of difference of tree compensation rate - <b>Nilgiri Forest</b>
16	368415	368952		537	537	Villagers Stop the work & Creating violence at site. They Demanding of difference of tree compensation rate- <b>Nilgiri Forest</b>
17	368952	369093		141	141	Villagers Stop the work & Creating violence at site. They Demanding of difference of tree compensation rate- <b>Open (Access not Available)</b>
18	369093	369500		407	407	Villagers Stop the work & Creating violence at site. They Demanding of difference of tree compensation rate- <b>Nilgiri Forest</b>
19	369500	370000		500	500	Villagers Stop the work & Creating violence at site. They Demanding of difference of tree compensation rate- <b>Nilgiri Forest</b>
<b>Total Length (M)</b>			<b>1631</b>	<b>2025</b>	<b>3656</b>	

<b>Total Project Length (M)=</b>	<b>21500</b>	<b>21500</b>	<b>43000</b>	
<b>Available Length (M)=</b>	<b>19869</b>	<b>19475</b>	<b>39344</b>	
<b>% of Available Length=</b>	<b>92.41</b>	<b>90.58</b>	<b>91.50</b>	
<b>% of Hindrance Length=</b>	<b>7.59</b>	<b>9.42</b>	<b>8.50</b>	
<b>Net affected Length (M)=</b>	<b>8840</b>	<b>8820</b>	<b>17660</b>	
<b>% of Affected Length=</b>	<b>41.12</b>	<b>41.02</b>	<b>41.07</b>	<b>Total Affected Length in November'2022</b>

**Note:-** The Villagers of Malankaliya, Ranipura, Nani Bhadol & Gangadiya has stopped the construction activities from Km. 363+000 to 371+700 from dated 4th November'2022. Total 8.70 KM length affected from out of 21.50 Km project length. Which was provided by the Authority/ District administration to the EPC contractor during force possession.

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





**Electrical Utilities & Public Health Utilities**

Sr. No.	Particulars	Unit	Total	Completed	Balance	Remarks
<b>A</b>	<b>Electrical Utilities</b>					
A1	EHT Line	Km.	0.30	0	0.30	
A2	HT/LT Line (including transformers if any)	Km.	11.90	11.90	0	
A3	HT/LT Crossings	Nos.	18	18	0	

**Tree Cutting:**

S. No.	Particular	Unit	Quantity as per CA	Completed as per site	Balance	Remark
1	Trees within ROW	Nos.	2734	5253	-	Additional tree cut 2519 nos.

## Mobilization status

### Manpower List of the project:-

Manpower mobilized and functioning at project Delhi – Vadodara Greenfield Alignment (Pkg. No-30).

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)	6	
12	Engineer Structure	4	
13	Asst. Engineer (structure)	3	
14	Jr. Engineer (Structure)	4	
15	Supervisor (Structure)	6	
<b>Planning &amp; Billing Dept.</b>			
16	Dy. Project 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)	2	
27	Engineer (QA& QC)	2	
28	Jr. Engineer (QA& QC)	7	
29	Lab Technician	7	

**Project-**

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

REPORT #

MPR-15/Nov-2022



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**Monthly Progress Report**

SR. NO.	DESCRIPTION OF STAFF	NO	REMARK
30	Helper-Lab	6	
<b>HR &amp; Admin Dept.</b>			
31	Dy. Manager (HR/Admin)	1	
32	Sr. Executive (HR/Admin)	1	
33	Executive (Admin)	2	
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)	18	
<b>Purchase Dept.</b>			
49	Purchase Executive	1	
<b>HSE. Dept.</b>			
50	Sr. Officer Safety	1	
51	Executive Safety	2	
52	Jr. Executive Safety	2	
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	



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

REPORT #  
MPR-15/Nov-2022



**Monthly Progress Report**

SR. NO.	DESCRIPTION OF STAFF	NO	REMARK
60	Executive (Mech)	2	
61	Fleet Supervisor	3	
62	PLANT & MACHINERY OPERATORS/WELDER/TYRE FITTE/PLUMBER/HELPER/DRIVER	206	
<b>Total&gt;&gt;</b>		<b>366</b>	

**Project-**

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

REPORT #

MPR-15/Nov-2022



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**Monthly Progress Report****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	2	
10	DVE/30	Weigh Bridge-	5	
11	DVE/30	Hydra Crane	8	
12	DVE/30	LMV	28	
13	DVE/30	Water Tanker-	23	
14	DVE/30	DG Set	16	
15	DVE/30	Baby Roller	2	
16	DVE/30	Tandem Roller	5	
17	DVE/30	Excavator-	15	
18	DVE/30	Motor Grader-	9	
19	DVE/30	Wheel Loader	6	
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	4	
24	DVE/30	Soil Compactor-	13	
25	DVE/30	Transit Mixer	20	
26	DVE/30	Concrete Pump	3	
27	DVE/30	Boom Placer	2	
28	DVE/30	Diesel Tanker	2	
29	DVE/30	SERVICE VAN	1	
30	DVE/30	TIPPER	69	
31	DVE/30	TOWER LIGHT (DG)	6	
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	Vogele Paver	2	
36	DVE/30	Volvo Paver	2	
37	DVE/30	Bitumen Sprayer	3	
38	DVE/30	Broomer	2	
39	DVE/30	Air Compressor	2	
40	DVE/30	Trailer	8	

**Project-**

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

REPORT #

MPR-15/Nov-2022

**Monthly Progress Report**

## Quality Maintenance & Safety

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1. EPC contractor has established one No. laboratory at main camp at Chainage - 352+250 RHS near Khandoli village .
2. All required tests as per the frequencies and requirements of IRC Code provisions are being carried out.
3. Safety Officer along with supporting staff is deployed at Site to take care of Safety aspects.
4. Regular Test conducted of Covid-19 precautionary with the all staff.
5. Tool Box meeting to be conducted before starting the work.
6. Induction training conducted regularly to all newly appointed staff and all the Workmen will follow the Safety Rules as per the CA.
7. All Workers and Supervisory Staff at site shall wear Protective and Safety Gear (PPE)during execution
8. First Aid facilities are available at site.
9. Mock drill regularly conducted at site.
10. Project Overviews given in subheading no.9.1.
11. List of plant and machinery is given in 8.2.
12. List of quality control test is given in 10
13. List of quality control equipment's is given in 11
14. Weather report for the month is given in 12.

## Milestone of the progress

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

Sr. No.	Milestones	Target From Appointed Date	Scheduled Milestone Date	Description	Remarks
1	Milestone - I	256 days	21.05.2022	EPC Contractor has to complete minimum <b>10%</b> financial progress of the contract price within 256 days from appointed date to achieved 1 <sup>st</sup> milestone.	<b>Milestone-I</b> Achieved as per certified stage Payment(Schedule-H) by Authority Engineer &Financial progress 11.12% as on dated31 <sup>st</sup> March.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.	<b>The EPC Contractor has achieved financial progress 27.41% in available land of 12.67 KM out of 21.50 KM.</b> The EPC contractor submitted his reason for slow progress vide PIL Letter No. PIL-HO-DVE30-AE-774-2022 Dt. 22.11.2022
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.	



**Annexure:-**

**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	FPCB/NOC-PN-1290/ID..80982/622137 Dated-01.02.2022
6	Clearance of Pollution Control Board for setting up batching plant;	Obtained	CTE No.116774,
7	Clearance of village Panchayats & Pollution Control Board for setting up Asphalt Plant;	Obtained	FPCB/NOC-PN-1290/ID..80982/622137 Dated-01.02.2022
8	Permission of Village Panchayats and State Government for borrow earth	Obtained	FPCB/NOC-PN-1290/ID..80982/622137 Dated-01.02.2022
9	Any other permits or clearances required under Applicable laws	Labour Licence	CLRA/AHMEDABAD/2021/L-256 Dated-13.09.2021 ISMW/AHMEDABAD/2022/L-1 Dated-18.02.2022 BOCW/ALCAHMEDABAD/2021/R-76 Dated-14.09.2021
10	Tree cutting from forest department	Obtained	



**Status of NCR:-**

**Status of NCR Issued as on 30.11.2022:-**

Sr. No.	NCR No.	Description	Issued on	Compliance by PIL	Status	Remarks
1	1	NCR No-01 issued by Authority Engineer Due to Roller Coaster profile at Chainage 356+250	06.06.2022	The EPC contractor has submitted his comment's vide PIL Letter No. 420 Dt. 22.06.2022	Closed	LNMIPL-2289 Dt. 06.06.2022
2	2	NCR No-02 issued by Authority Engineer Due to some cracks are observed at the end portion of Pre-cast Pre-tensioned Girder at casting yard	24.11.2022	The EPC contractor has been successfully conducted ultrasonic pulse velocity test (UPV) with Representative of Authority Engineer on Dated 28.11.2022, and report submitted to Authority Engineer vide PIL Letter No. PIL.DVE30.AE.566.2022 Dt. 05.12.2022	Closed	LNMIPL-2444 Dt. 07.12.2022

**COS Details:-**

**Status of Change of Scope**

Sr. No.	Type of Structure	Locations/ Chainage	Submitted by EPC Contractor		Recommended by AE		Approved by NHA	
			Letter No	Estimated Cost (Rs)	Letter No	Estimated Cost (Rs)	Letter No	Estimated Cost (Rs)
1	Underground Water Pipe line	4 Nos of Locations -GWSS	COS Request has been submitted vide PIL letter no. 189 & 317 Dt. 01.12.2021 & 09-04-2022 EPC contractor has submitted Detailed estimate vide PIL Letter No. 501 Dt. 12.10.2022	6,742,071	COS Request Recommendation has been submitted to PIU vide letter no. 516, Dated. 26.04.2022	-	Awaiting for COS Notice	-



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

REPORT #

MPR-15/Nov-2022



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**Monthly Progress Report**

**Status of Change of Scope**

Sr. No.	Type of Structure	Locations/ Chainage	Submitted by EPC Contractor		Recommended by AE		Approved by NHA	
			Letter No	Estimated Cost (Rs)	Letter No	Estimated Cost (Rs)	Letter No	Estimated Cost (Rs)
2	Underground Water Pipe line	24 Nos of Locations -SSNNL	COS Request has been submitted vide PIL letter no. 190 & 318 Dt. 01.12.2021 & 09-04-2022 & 492 Dt. 27.09.2022 EPC contractor has submitted Detailed estimate vide PIL Letter No. 492 Dt. 27.09.2022	18,761,503	COS Request Recommendation has been submitted to PIU vide letter no. 515, Dated. 26.04.2022	-	Awaiting for COS Notice	-
3	Change in Span Length by SSNNL.	Major Bridge at Ch. 365+593	COS Request has been Submitted vide PIL Letter No. PIL/HO/DVE30/PIU/294/2022 Dt: 28.03.2022	-	Awaiting for Recommendation	-	Awaiting for COS Notice	-

**Project-**

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

REPORT #

MPR-15/Nov-2022

**PATEL**<sup>®</sup>  
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Sr. No.	Description	Location (Km)	Remarks
1	Avenue Plantation	Available open land within ROW 31,182 nos. of Trees of desired type in two rows @ 3 m c/c near edge of ROW on both side	
2	Median Plantation	Three rows @ 3 m c/c on central median (As per Schedule-D) preferably local varieties like Mango, Neem, Sheesham, Babul, Peepal, Imli etc. shall be planted	



### Status of Drawings

The following drawings have been submitted to Authority Engineer / NHA 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	39	37	21	16.00	
	ii) Cast In Situ Box Culvert	15	15	12	3.00	
	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	5	2.00	
	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	1	-	
	Span 45m	1	1	1	-	
	Span 35m	1	1	1	-	
	2) Composite Girder	1	1	1	-	
	Span 63 m	1	1	1	-	
	Span 69 m	1	1	1	-	



S. No.	Description	Scope	Submitted	Approved	Approval Awaited	Remarks
	3) RCC Girder	1	1	1	-	
	4) Slab	1	1	1	-	
	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	1	0	1.00	
	ii) Substructure	1	1	0	1.00	
	iii) Superstructure	1	1	1	-	
	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 (All Drawings)	1	1	0	1.00	
	Curtain Wall	1	1	0	1.00	
	Friction Slab with Crash Barrier	1	1	0	1.00	
	Median Drain	1	1	0	1.00	
	Retaining Wall	1	1	0	1.00	
	Toe Wall	1	1	0	1.00	
	Design and Drawings of RE-wall (Str)	15	4	0	4	

**Project-**

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

REPORT #

MPR-15/Nov-2022

**Monthly Progress Report**

S. No.	Description	Scope	Submitted	Approved	Approval Awaited	Remarks
	Expansion Joint, Retainer & Crash Barrier	1	1	0	1.00	





## Correspondences:-

### 1. Incoming:-

All types of correspondence which received from Authority Engineer (AE) and Project Implement Unit (PIU) Godhra, in the month of Oct'2022 as tabulated: -

Sr. No.	Letter No.	Issue Date	From	To	Letter Subject
1	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2407	02-11-22	AE	PIL	Simplifying the process of product approval in NHAI
2	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2408	02-11-22	AE	PIU	Re-Issuing of MB and AB
3	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2409	02-11-22	AE	PIL	Inspection for works Package-30
4	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2410	03-11-22	AE	PIL	Permission NOC to construction of Road Bridge over canal crossing is Vadodara & Panchmahal District between Delhi-Vadodara Expressway under jurisdiction of NP Canal Division No.17 Kalol
5	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2411	03-11-22	AE	PIL	Deposition of Processing Registration fees towards obtaining permission NOC to construction of road Bridge over canal crossing (New Additional crossing on canals) in Vadodara & Panchmahal Distri.pdf
6	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2412	03-11-22	AE	LNM. HO.	COS proposal for shifting of existing Water Pipelines on proposed Delhi Vadodara Expressway NH 148N under Bharatmala Pariyojana under GWSSB
7	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2414	05-11-22	AE	PIL	Borrow Area No.89 and 90
8	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2415	05-11-22	AE	PIL	Ms Sika India Pvt Ltd _Pkg-30
9	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2416	05-11-22	AE	PIL	Submission of Company Profile and Credential of ITERCHIMICS S.R.L. for Cellulose fiber for SMA
10	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2417	05-11-22	AE	PIL	Approval of Third Party Testing Laboratory.
11	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2419	10-11-22	AE	PIL	Submission of Third Party Reports of shear test of Borrow Areas for RE Wall backfilling for the above said project
12	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2420	10-11-22	PIU	PIL	MPC-12
13	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2421	12-11-22	AE	PIL	Regarding demand of access in Village Kambola Taluka Savli District Vadodara
14	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2422	15-11-22	AE	PIL	Submission of Cost Estimates for construction of new structures in place of old Government Structures falling on government land
15	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2423	16-11-22	AE	PIL	Submission of Company Profile of Ms. Aditya Construction for the source of composite girder for MJB Ch.370+887 Project Highway in above said project
16	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2424	16-11-22	AE	PIL	Submission of GSB Mix Design (Grade-VI) with material of SPG Infracon Ltd crusher Timba for above said project
17	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2334	28-07-22	AE	PIL	Sources Approval_Bitumens Cooperation LTd (Bit col)
18	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2425	16-11-22	AE	PIL	Notice for Slow Progress of Works
19	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2426	16-11-22	AE	PIL	Submission of DBM Mix Design (Grading-2) with VG-40 Bitumen of Tiki Tar and Shell India Pvt Ltd. for above said project



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

REPORT #

MPR-15/Nov-2022



**Monthly Progress Report**

Sr. No.	Letter No.	Issue Date	From	To	Letter Subject
20	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2427	16-11-22	AE	PIL	Submission of DBM Mix Design (Grading-I) with VG-40 Bitumen of Tiki Tar and Shell India Pvt Ltd. for above said project.
21	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2428	16-11-22	AE	PIL	Regarding Demand of Road in village Bakrol, taluka Kalol, District-Panchmahal
22	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2429	18-11-22	AE	PIL	DILIGENCE NOTICE_Review of Progress of Works
23	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2430	19-11-22	AE	PIL	Submission of Quality Assurance Plan (QAP) and welding procedure specification (WPS)
24	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2431	24-11-22	AE	PIL	Conducting Road Safety Audit
25	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2432	23-11-22	AE	PIL	Regarding Construction of Major Minor Bridge over Irrigation Canal
26	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2433	24-11-22	AE	PIL	Repair restoration of damaged SSNNL Canal & underground pipelines in Vadodara and Panchmahal Dist
27	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2435	24-11-22	AE	PIL	Approval of revised estimates for shifting of existing 66 KV Chandrapura Ankaliya & Kalol Ankaliya Transmission lines between location no 18 to 20 on proposed Delhi Vadodara Expressway NH 148N under Bharatmala Pariyojana under GETCO Jambuva Div...
28	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2436	25-11-22	AE	PIL	NCR No.2- Girder MJB 352+281
29	LNMIPPL.PD.NHAI.Delhi Vadodara. Pkg-30.22-23.4701	25-11-22	AE	NHAI	Application for Interim EOT for Completion Schedule pursuant to Cl. 10.5 of CA
30	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2437	28-11-22	AE	PIL	Deposition of ProcessingRegistration fees towards obtaining permissionNOC to construction of Road Bridge over canal crossing (NewAdditional crossing on Canals) in Vadodara & Panchmahal District between Delh
31	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2438	28-11-22	AE	PIL	Request for consideration of Extension to the Advance Payment Recovery as per Clause 19.2 (vi) of Contract Agreement
32	LNMIPPL.GODHRA.DVE-NH148N.Pkg-30.22-23.2439	28-11-22	AE	PIL	Regarding demand of access in Village Kambola, Taluka Savli, District Vadodara
33	NHAI/PIU-Godhra/2019/11054/148N/Canal Structure/Vol.03/D-8355	01-11-22	NHAI-PIU	AE	Deposition of Processing Registration fees towards obtaining permission NOC to construction of road Bridge over canal crossing (New Additional crossing on canals)
34	NHAI/PIU-Godhra/2019/11054/148N/Canal Structure/Vol.03/D-8353	01-11-22	NHAI-PIU	AE	Permission NOC to construction of Road Bridge over canal crossing in Vadodara & Panchmahal District Between DVE under jurisdiction of NP Canal Division No 17 Kalol
35	NHAI/PIU-Godhra/2018/11030/148N/Utility/Vol.18/D-8357	01-11-22	NHAI-PIU	AE	Approval of revised estimates for shifting of existing 66 KV Chandrapura Ankaliya & Kalol Ankaliya Transmission lines between location no 18 to 20
36	NHAI/PIU-Godhra/2018/11030/148N/Utility/Vol.18/D-8364	01-11-22	NHAI-PIU	AE	COS proposal for shifting of existing Water Pipelines under GWSSB (SSNNL)
37	NHAI/PIU-Godhra/2019/11054/148N/Canal Structure/Vol.03/D-8371	01-11-22	NHAI-PIU	EE - SSNNL	Submission of remaining ROW charges for proposed crossings
38	NHAI/PIU-Godhra/2018/11030/148N/Utility/Vol.18/D-8377	02-11-22	NHAI-PIU	WTGL	Deposition of Phase-1 charges to WTGL (Adani Transmission Ltd) for shifting of existing 400 KV D/C Rajgarh Transmission line at Design Ch 361+600 obstructing to proposed Delhi Vadodara expressway 148N under Bharatmala Pariyojana
39	NHAI/PIU-Godhra/2018/11073/148N/PKG-30/A-L&NM/Vol.3/D-8416	12-11-22	NHAI-PIU	AE	Regarding demand of access in village Kambola, Taluka Savli, District Vadodara.



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

REPORT #

MPR-15/Nov-2022



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**Monthly Progress Report**

Sr. No.	Letter No.	Issue Date	From	To	Letter Subject
40	NHAI/PIU-Godhra/2021/12025/DVE-148N/Pkg-30/F&A-MPC/Vol.1/D-8410	12-11-22	NHAI-PIU	PIL	Request to release Monthly Payment Certificate-11 (MPC-11) for unbilled executed work for the month period of September 2022 ; as per NHAI circular under Atmanirbhar Bharat
41	NHAI/PIU-Godhra/2018/11073/148N/PKG-30/A-L&NM/Vol.3/D-8454	14-11-22	NHAI-PIU	AE	Regarding Demand of Road in village Bakrol Taluka Kalol District Panchmahal
42	NHAI/PIU-Godhra/2018/11069/148N/PKG-29/EPC-PNC/Vol.8/D-6562	12-04-22	NHAI-PIU	AE	Submission of Cost Estimates for construction of new structures in place of old Government Structures falling on government land
43	NHAI/PIU-Godhra/2021/12018/DVE- 29,30 &31/General/Vol.02/D-8479	16-11-22	NHAI-PIU	AE	Conducting Road Safety Audit
44	NHAI/PIU-Godhra/2018/11030/DVE- 148N/Utility/Vol.19/D-8531	24-11-22	NHAI-PIU	PIL	Shifting of existing 400 KV Rajgarh-Karamsad Transmission line obstructing to Proposed Delhi-Vadodara Expressway 148N under Bharatmala Pariyojana under WTGL at chainage 361+400
45	NHAI/PIU-Godhra/2021/12018/DVE- 29,30 &31/General/Vol.02/D-8548	24-11-22	NHAI-PIU	AE	Clarification regarding calculation of GST against change in Rates from 18.07.2022 on the activity of construction of Road in case of EPC projects under change in Law
46	NHAI/PIU-Godhra/2021/12025/DVE- 148N/F&AMC/Vol.01/D-8568	28-11-22	NHAI-PIU	PIL	Request to release Monthly Payment Certificate-12 (MPC-12) for unbilled executed work for the month of period of October 2022 as per NHAI Circular under Atmanirbhar Bharat



## 2. Outgoing:-

All outgoing letters which dispatched to Authority Engineer (AE) and Project Implement Unit (PIU) Godhra, in the month of Oct'2022 as tabulated:-

Sr. No.	Letter No.	Issue Date	To	Letter Subject
1	PIL.DVE30.AE.521.2022	01-11-22	AE	Submission of credential and company profile of STAR WIRE (INDIA) LTD.
2	PIL.DVE30.AE.522.2022	02-11-22	SWIL	Submission of water, GSB, concrete cubes (150mm size) to Star wire india limited
3	PIL.DVE30.AE.523.2022	04-11-22	AE	Submission of Monthly Progress Report for the month of Oct'2022
4	PIL.DVE30.PIU.524.2022	04-11-22	PIU	Regarding Intimation of work stopped by villagers due to non-receipt of payment from 363+000 to 371+700 in Malakaliya, Ranipura, Nani Bhadol & Gangadiya.
5	PIL.DVE30.AE.525.2022	05-11-22	AE	Submission of Company Profile of M/s Aditya Construction for the Source of Composite Steel Girder of Major Bridge at Chainage 370+887 for above said Project in Package-30
6	PIL.DVE30.AE.526.2022	05-11-22	AE	Submission of GPS & TBM list for the Highway DVE Pkg-(30) Project.
7	PIL.DVE30.AE.527.2022	07-11-22	AE	Submission of DBM Mix Design Grading II with Nayara VG-40 Bitumen of Tiki Tar and Shell India Pvt. Ltd.
8	PIL.DVE30.AE.528.2022	08-11-22	AE	Submission of GSB Mix Design with SPG Intracon Ltd Crusher Timba.
9	PIL.DVE30.AE.529.2022	09-11-22	AE	Submission of Joint Inspection Report of Composite Steel Girder at Alliance Integrated Metaliks LTD.
10	PIL.DVE30.AE.530.2022	10-11-22	AE	Submission of DBM Mix Design Grading I with Tikkitar VG-40 Bitumen
11	PIL.DVE30.AE.531.2022	11-11-22	AE	Regarding villagers demand for construction of underpass in Village Ranipura for above said Project in Package-30 in Delhi–Vadodara (DVE-30) Expressway section of NH-148N in Vadodara District
12	PIL.DVE30.AE.532.2022	11-11-22	Metalab	Third Party test Matlab
13	PIL.DVE30.AE.533.2022	11-11-22	AE	Submission of design load calculation and POT PTFE Bearing Loads Layout for 35m Span of Major Bridge at 352+281
14	PIL.DVE30.AE.534.2022	12-11-22	AE	Regarding Drone Video Recording of Pkg-30 DVE Section NH-148N in Vadodara District.
15	PIL.DVE30.AE.535.2022	14-11-22	AE	Submission of Third Party Reports and Material testing certificate of intendend wire
16	PIL.DVE30.AE.536.2022	15-11-22	AE	Submission of Design and Drawings of Bearing Loads calculation of Span P46-P47, P47-P48, P48-P49, P49-P50, P50-P51, P51-A2 LHS & RHS and composite girder span 63 mtr & 69 mtr for Major Bridge at 352+281
17	PIL-HO-DVE30-AE-756-2022	15-11-22	AE	Deduction of Escalation amount of Electrical works froms May22 from rthe MPC No.12
18	PIL.DVE30.AE.537.2022	16-11-22	PIU	Regarding villagers demand for construction of underpass in Village Ranipura for above said Project in Package-30 in Delhi–Vadodara (DVE-30) Expressway section of NH-148N in Vadodara District
19	PIL.DVE30.AE.538.2022	17-11-22	AE	Reg. The Itinery Schedule of Factory Visit of DECG International



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

REPORT #

MPR-15/Nov-2022

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**Monthly Progress Report**

Sr. No.	Letter No.	Issue Date	To	Letter Subject
20	PIL.DVE30.AE.539.2022	17-11-22	AE	Reg. The Itinerary Schedule of Factory Visit of Dynamic Prestress India Pvt Ltd.
21	PIL-HO-DVE30-PIU-759-2022	17-11-22	PIU	Submission of Extension Guarantee Bond to the 2nd Part of PBG for the DVE Pkg-30 Project
22	PIL.DVE30.AE.540.2022	18-11-22	AE	Submission of Factory Visit test Reports of HT Strand Wire of Kataria Industries Pvt Ltd
23	PIL.DVE30.AE.541.2022	18-11-22	AE	Submission of Factory Visit test Reports of HT Strand Wire of D.P. Wires Limited
24	PIL.DVE30.AE.542.2022	18-11-22	PIU	Local villagers stopped construction activities from Ch. 363+000 to 371+700 - Reg
25	PIL.DVE30.AE.543.2022	18-11-22	AE	Submission of General Arrangement drawing for Box Culvert at chainage 362+000
26	PIL.DVE30.AE.544.2022	22-11-22	AE	Submission of General Arrangement drawing for Box Culvert at chainage 365+465
27	PIL.DVE30.AE.545.2022	23-11-22	AE	Regarding submitting Revised Plan and Profile from Ch. 371+000 to 372+500
28	PIL.DVE30.AE.546.2022	23-11-22	AE	Factory Visit bitcol
29	PIL.DVE30.AE.547.2022	23-11-22	AE	Regarding villager's demand of access in Village Kambola Taluka Savli
30	PIL.DVE30.AE.548.2022	25-11-22	AE	Median Drain-PCC for Outfall pipe
31	PIL.DVE30.AE.549.2022	25-11-22	AE	Submission for Emergency Median Opening at every 5 km of the project-R1
32	PIL.DVE30.AE.550.2022	26-11-22	AE	Regarding Intimation of Boundary Wall work stopped by villagers due to non-receipt of payment in Bhadroli Bujarg & Bakrol Village, Dist. Punchmahal
33	PIL.DVE30.AE.551.2022	27-11-22	AE	Regarding Girder Ultrasonic pulse velocity test (UPV)
34	PIL.DVE30.AE.552.2022	30-11-22	AE	Submission of BA-82 A, 55 A,BA-94,BA-96, BA-56 Site Soil Sample
35	PIL-HO-DVE30-PIU-794-2022	30-11-22	AE	Request to consider the proposal of Interim EOT for Project Completion Schedule pursuant to Cl 10.5 of the CA-Reg.



Strip Chart Land Acquisition

Land Acquisition Hindrance Chart

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										
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
RHS	Hindrance									
	SUBGRADE TOP									
	GSB									
	WMM									
	DBM									
BC										
CHAINAGE		351.900	352.000	352.100	352.200	352.300	352.400	352.500	352.600	352.700
CHAINAGE		352.800	352.900	353.000	353.100	353.200	353.300	353.400	353.500	353.600
CHAINAGE		353.700	353.800	353.900	354.000	354.100	354.200	354.300	354.400	354.500
CHAINAGE		354.600	354.700	354.800	354.900	355.000	355.100	355.200	355.300	355.400
CHAINAGE		355.500	355.600	355.700	355.800	355.900	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
RHS	Hindrance									
	SUBGRADE TOP									
	GSB									
	WMM									
	DBM									
BC										
CHAINAGE		357.000	357.100	357.200	357.300	357.400	357.500	357.600	357.700	357.800
CHAINAGE		357.900	358.000	358.100	358.200	358.300	358.400	358.500	358.600	358.700
CHAINAGE		358.800	358.900	359.000	359.100	359.200	359.300	359.400	359.500	359.600
CHAINAGE		359.700	359.800	359.900	360.000	360.100	360.200	360.300	360.400	360.500
CHAINAGE		360.600	360.700	360.800	360.900	361.000				







### Work Front Availability

Work Front Availability					
Sr. No.	Description	Unit	Length		Remarks
			MCW	SR	
1	Total Scope Length	Km	21.50	2.28	
2	Major Hindrance	Km	1.828	0.00	
3	Sub- Grade completed	Km	9.03	0.00	
4	Structure Approach (Toe wall portion)	Km	0.00	0.00	
5	Structure Approach (RE wall portion) -WIP	Km	2.657	0.00	
6	Available front-WIP	Km	0.00	0.00	Due to work stopped by Villager's

### Physical Progress w.r.t. available land

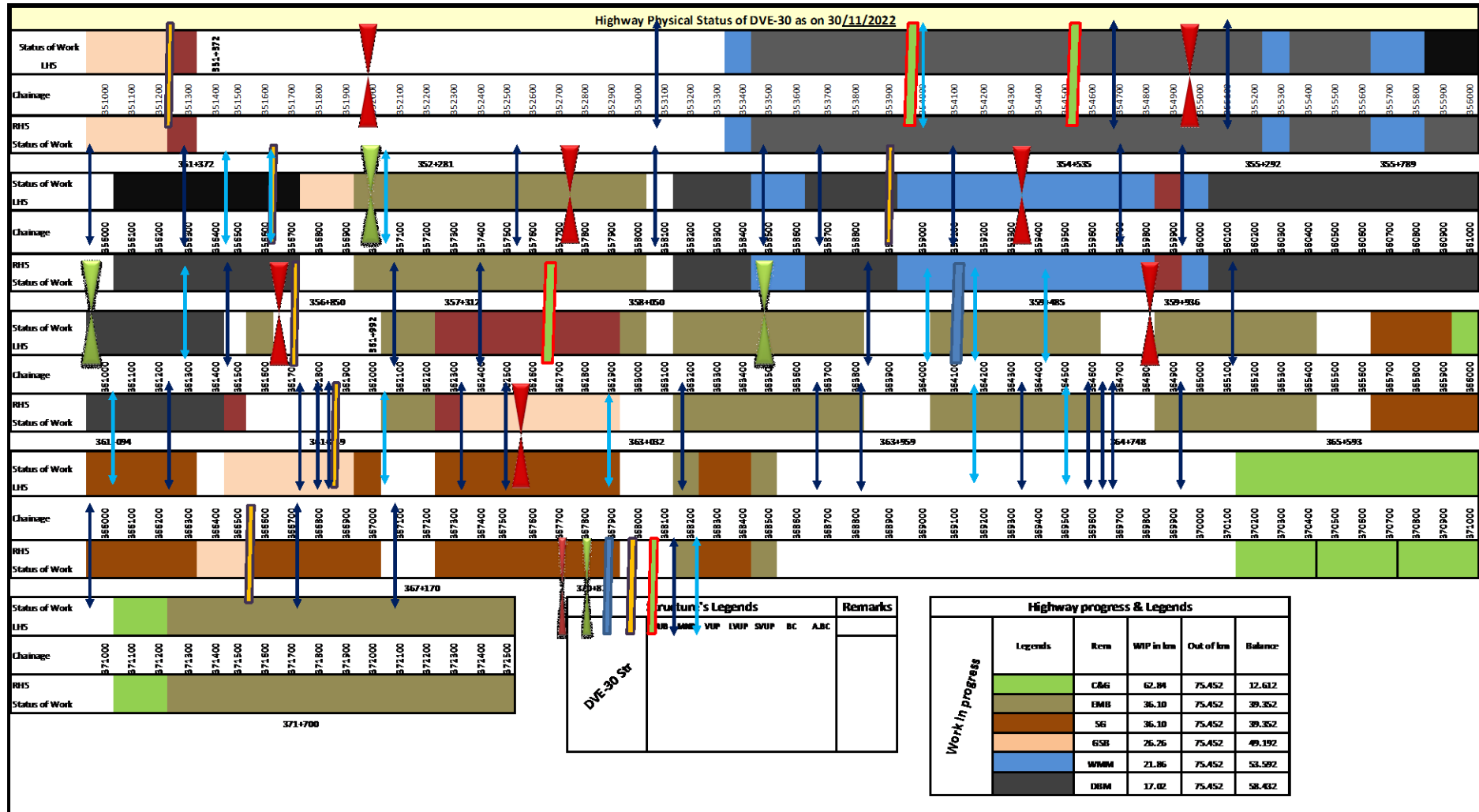
Physical Progress w.r.t. available land								
Sr. No.	Event	Month	Hindered Length			Available Length	Available % of the total length of the Project Highway (D) /21.50 x100	Physical Progress achievement as per the work front availability
			LHS (m)	RHS (m)	BHS (m)	BHS (m)		
			A	B	C=(A+B)/2	D=21.50 Km-C		
1	At the time of Appointed date	Sep-21	10.983	10.998	10.991	10.510	48.88	Project Started
2	180 days from the Appointed date	Mar-22	9.150	9.190	9.170	12.330	57.35	23.14%
3	Present Status as on 30.11.2022	Nov-22	8.840	8.820	8.830	12.670	58.93	61.16%

## Progress Strip Chart of Expressway and Structure Work

# 1. Annexure-I-Highway:-



**Expressway Progress Chart 1**





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

REPORT #  
MPR-15/Nov-2022



Monthly Progress Report

## 2. Annexure-II- Structure Strip Chart: -



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

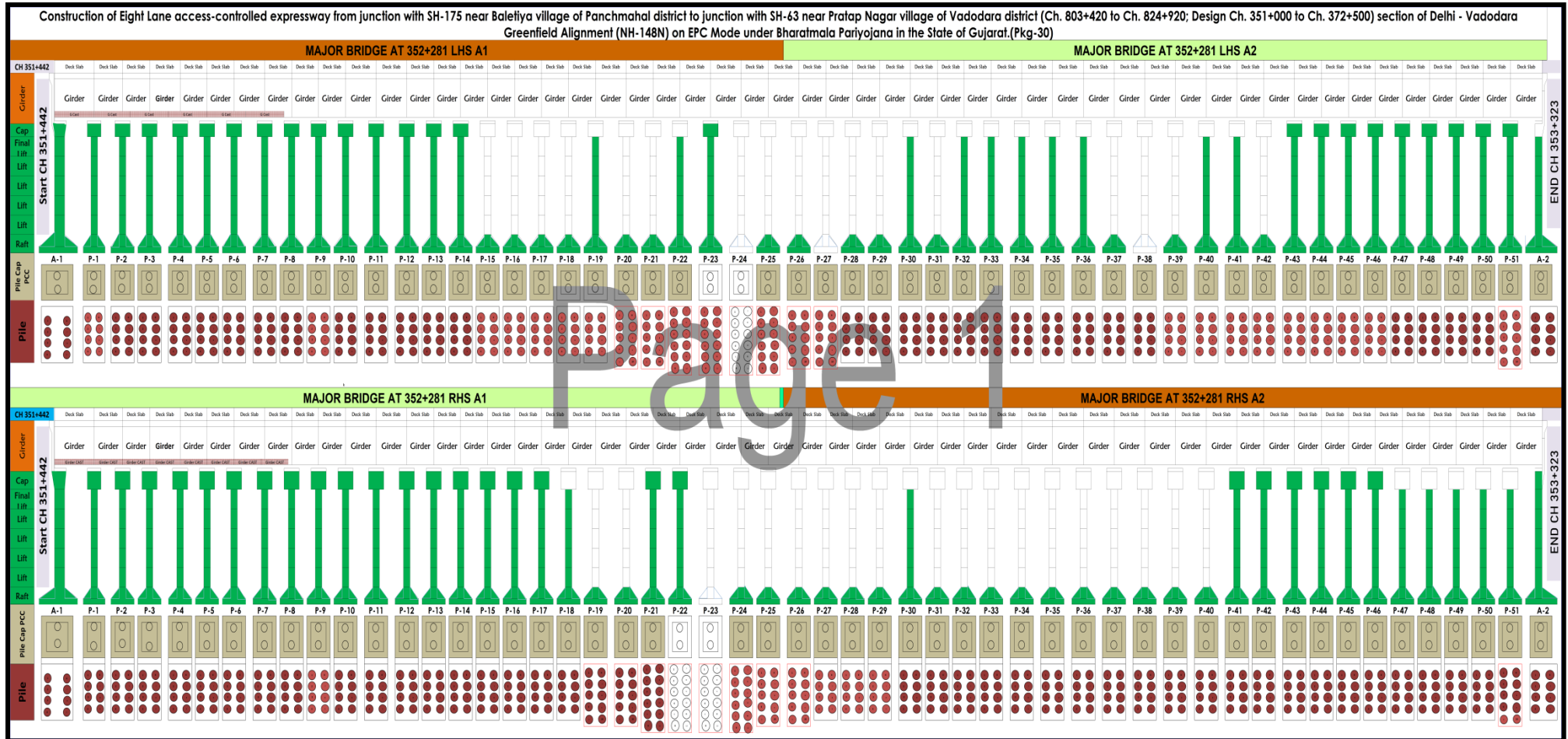
REPORT #

MPR-15/Nov-2022



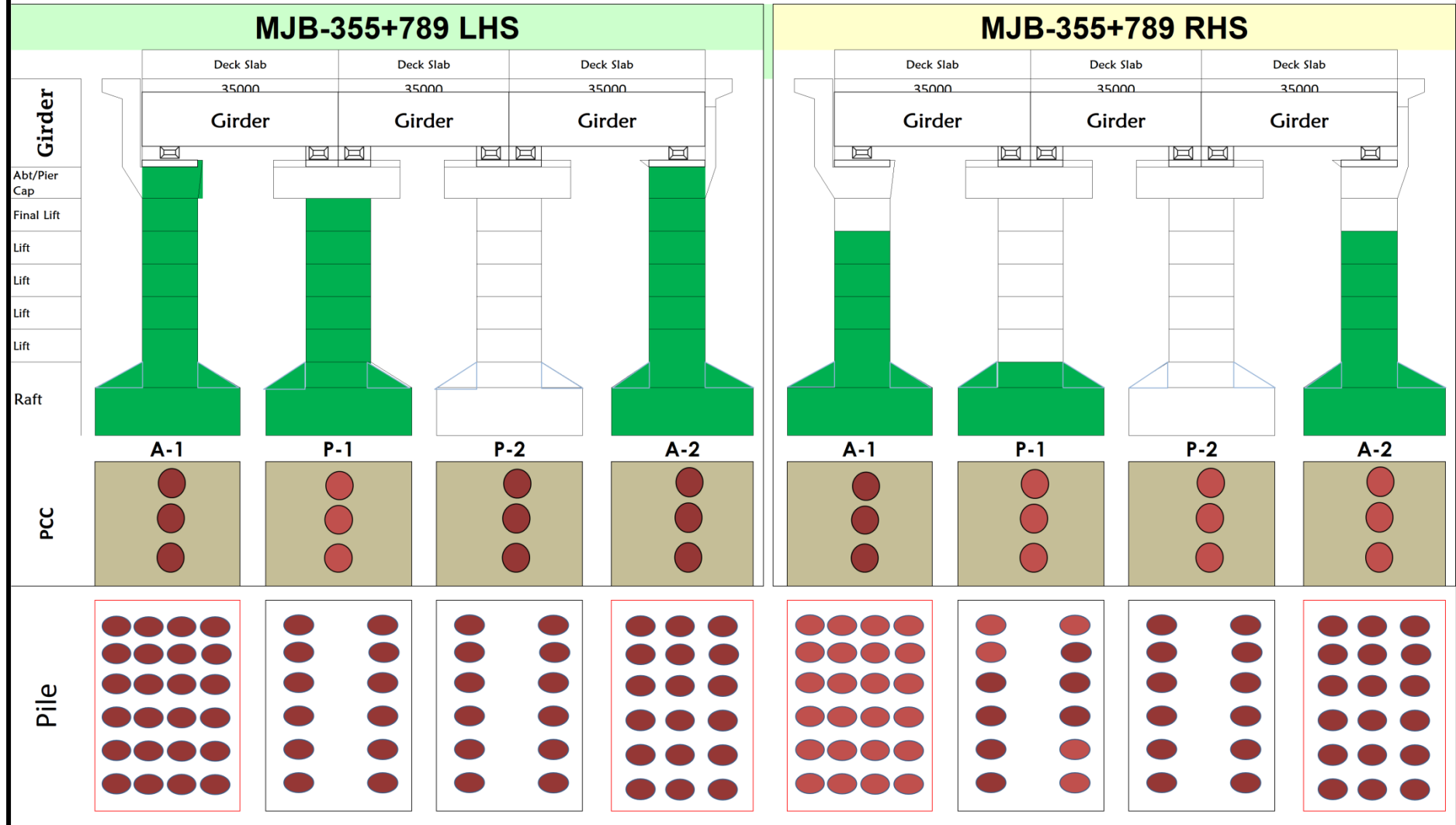
Monthly Progress Report

## Major Bridge at Chainage – 352+281



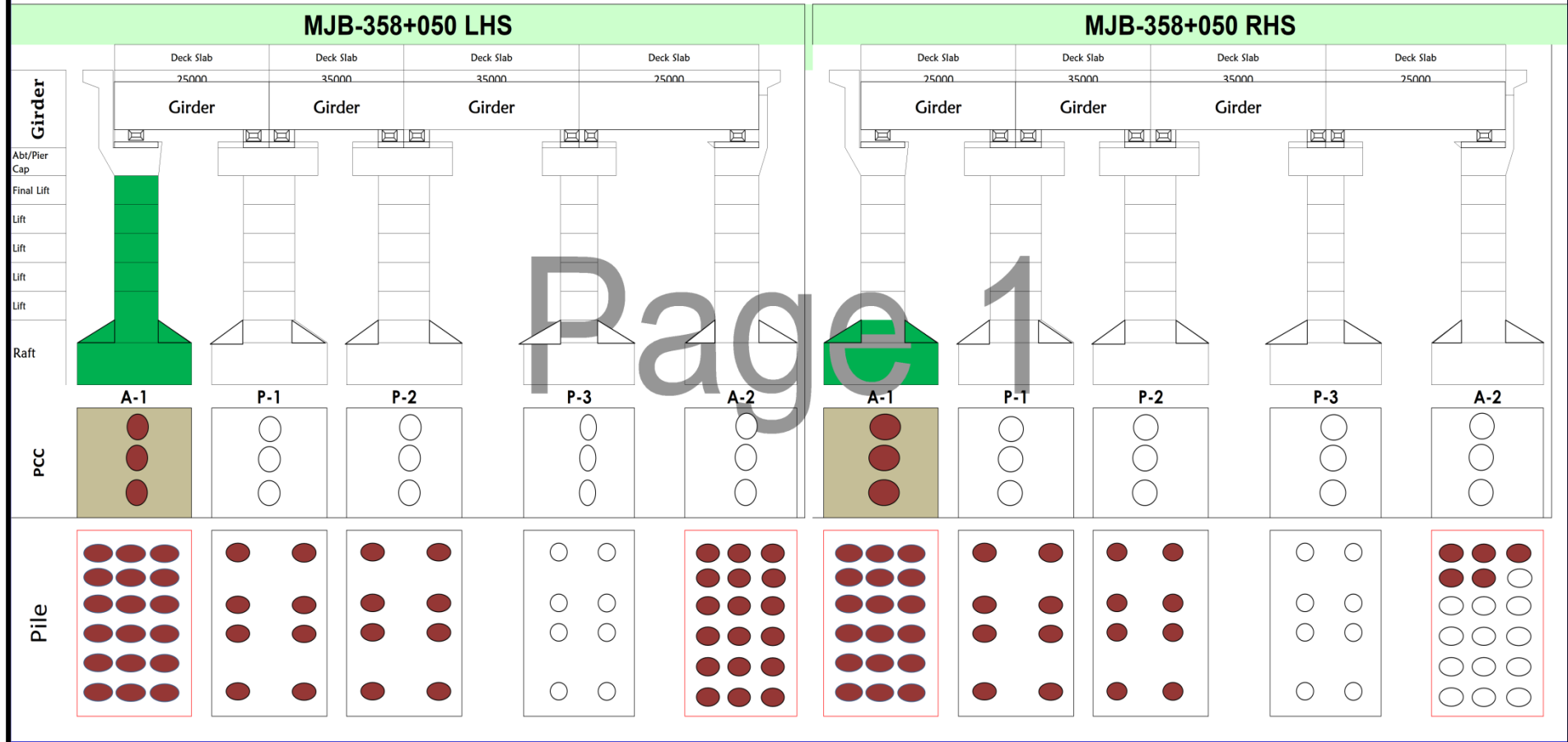


Construction of Eight Lane access-controlled expressway from junction with SH-175 near Baletiya village of Panchmahal district to junction with SH-63 near Pratap Nagar village of Vadodara district (Ch. 803+420 to Ch. 824+920; Design Ch. 351+000 to Ch. 372+500) section of Delhi - Vadodara Greenfield Alignment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





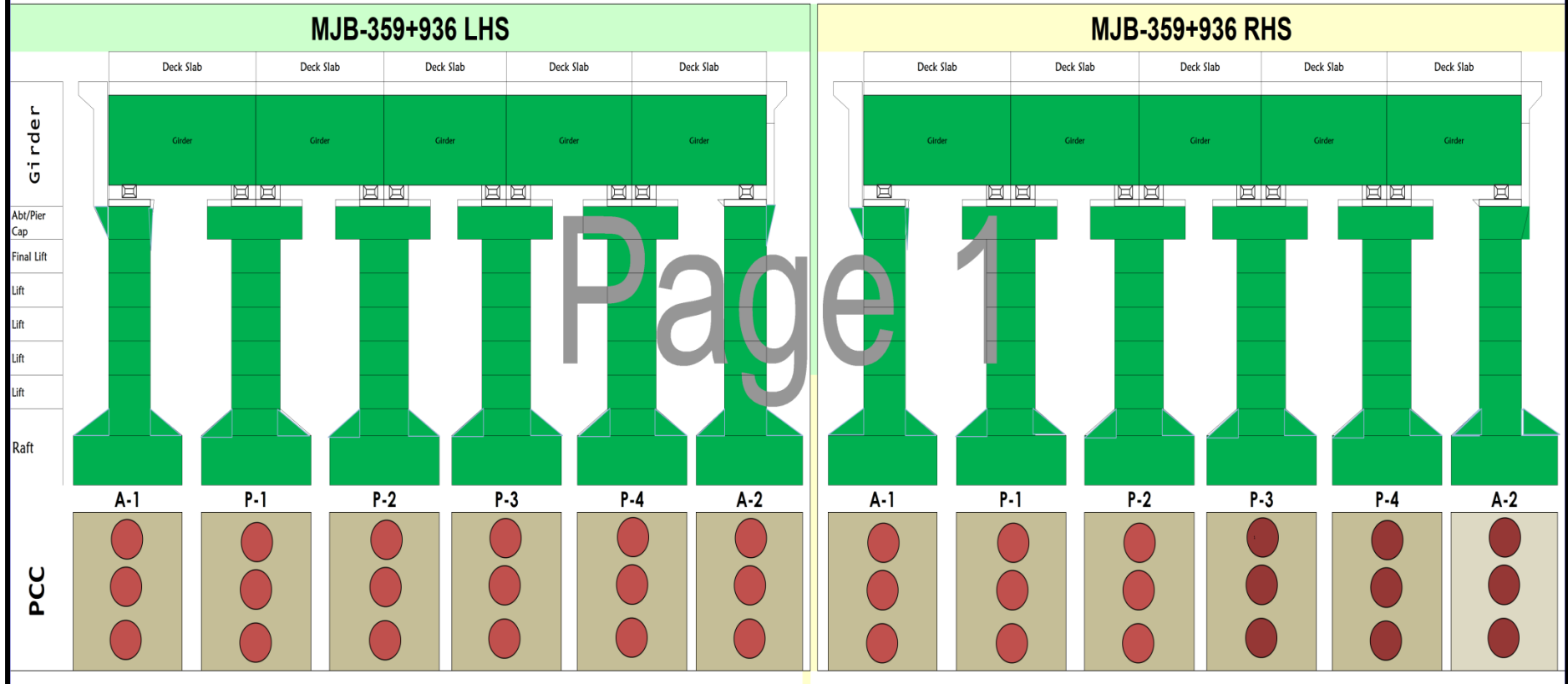
Construction of Eight Lane access-controlled expressway from junction with SH-175 near Baletiya village of Panchmahal district to junction with SH-63 near Pratap Nagar village of Vadodara district (Ch. 803+420 to Ch. 824+920; Design Ch. 351+000 to Ch. 372+500) section of Delhi - Vadodara Greenfield Alignment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





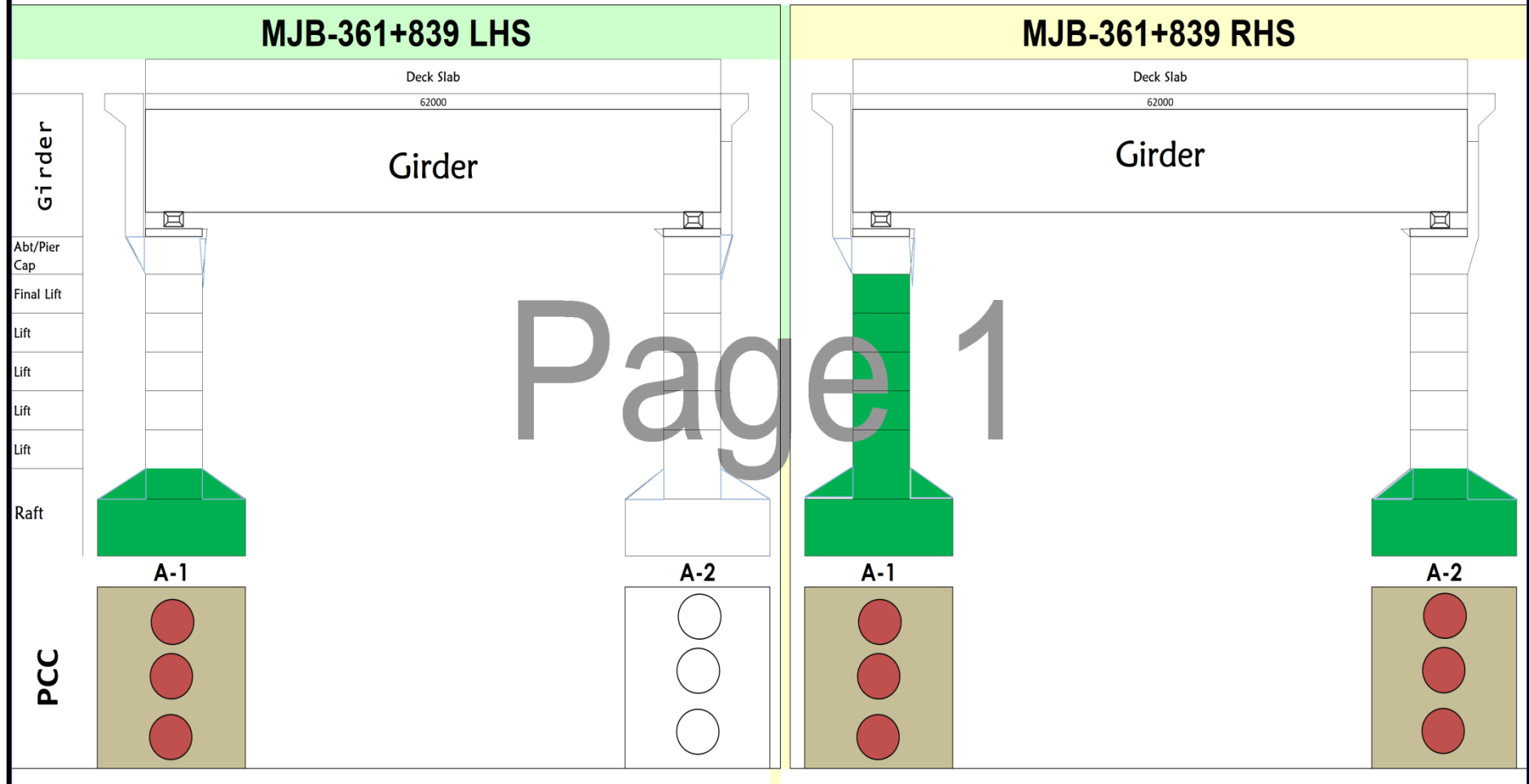


Construction of Eight Lane access-controlled expressway from junction with SH-175 near Balefiya village of Panchmahal district to junction with SH-63 near Pratap Nagar village of Vadodara district (Ch. 803+420 to Ch. 824+920; Design Ch. 351+000 to Ch. 372+500) section of Delhi - Vadodara Greenfield Alignment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





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.

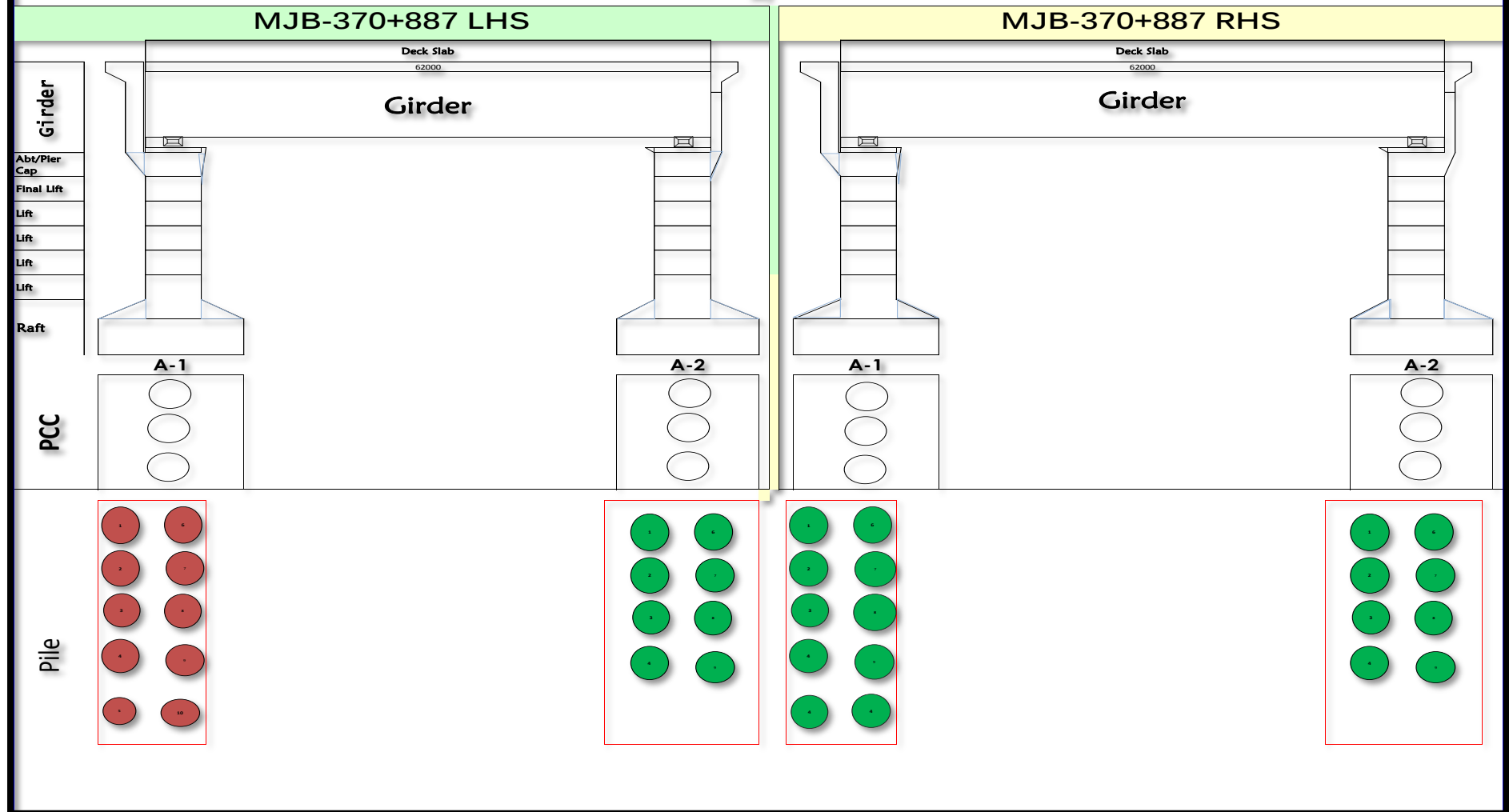
REPORT #

MPR-15/Nov-2022



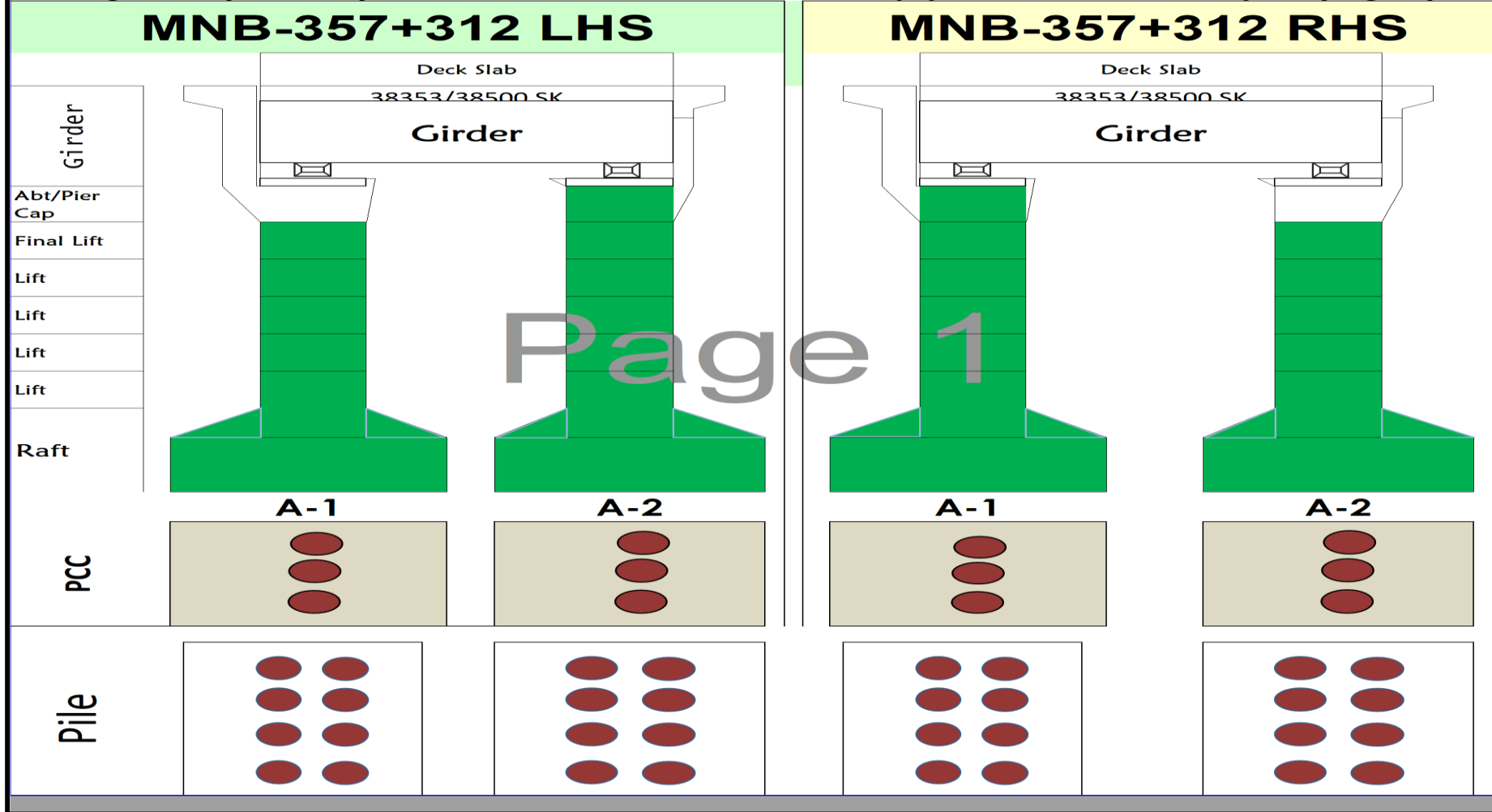
**Monthly Progress Report**

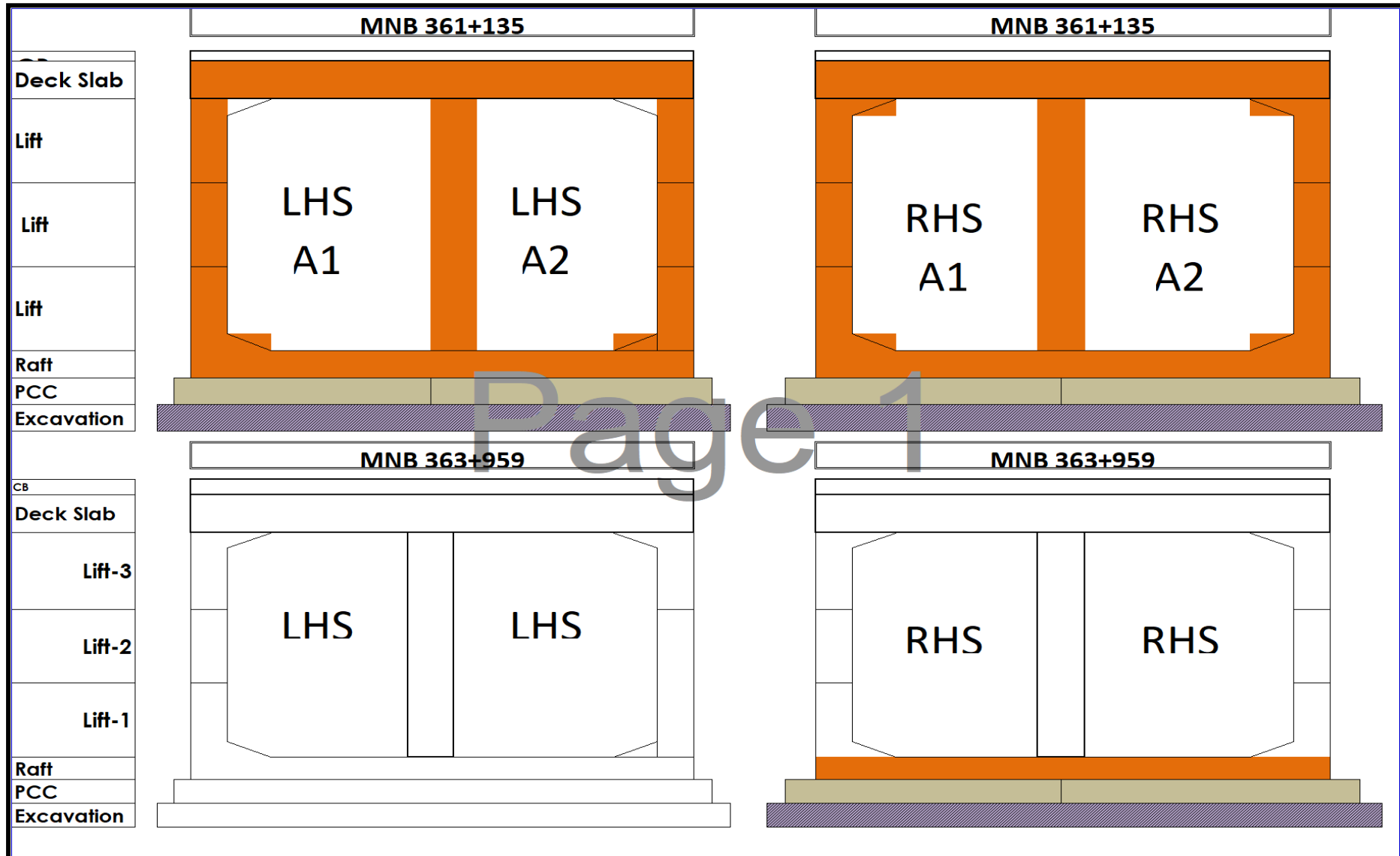
Construction of Eight Lane access-controlled expressway from junction with SH-175 near Baletiya village of Panchmahal district to junction with SH-63 near Pratap Nagar village of Vadodara district (Ch. 803+420 to Ch. 824+920; Design Ch. 351+000 to Ch. 372+500) section of Delhi - Vadodara Greenfield Alignment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





**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)**



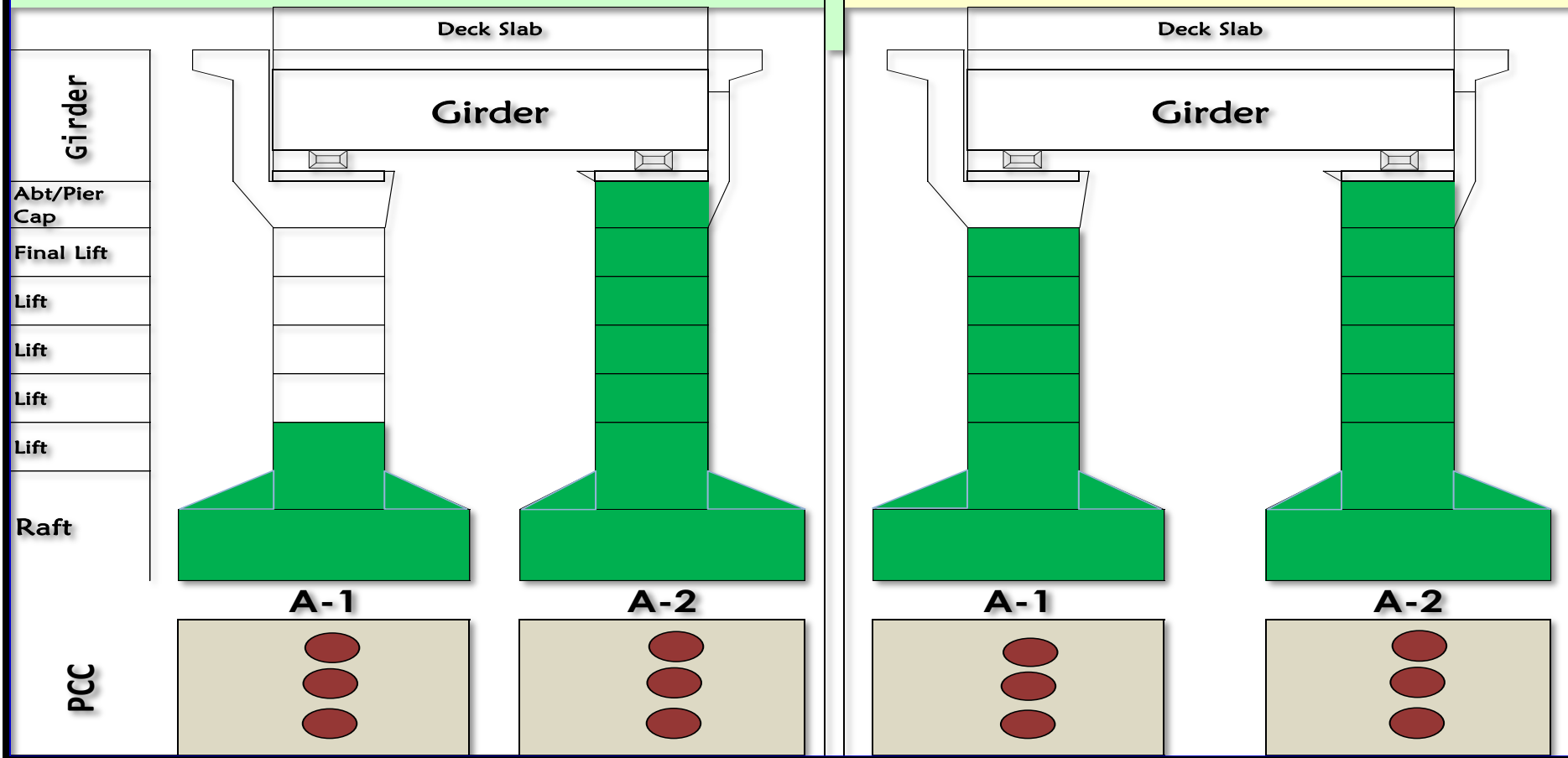




**Construction of Eight Lane access-controlled expressway from junction with SH-175 near Baletiya village of Panchmahal district to junction with SH-63 near Pratap Nagar village of Vadodara district (Ch. 803+420 to Ch. 824+920; Design Ch. 351+000 to Ch. 372+500) section of Delhi - Vadodara Greenfield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

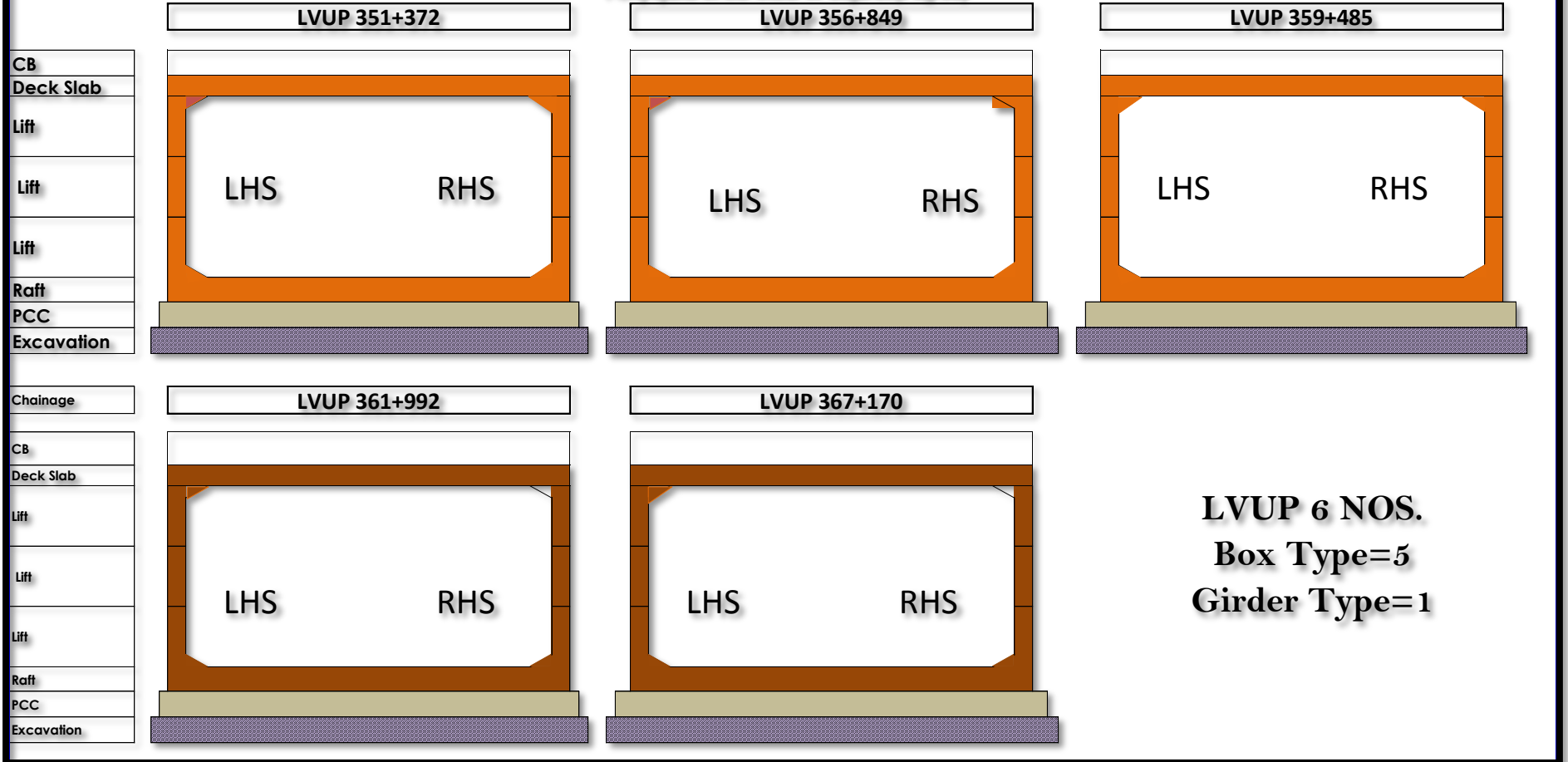
### VUP-364+748 LHS

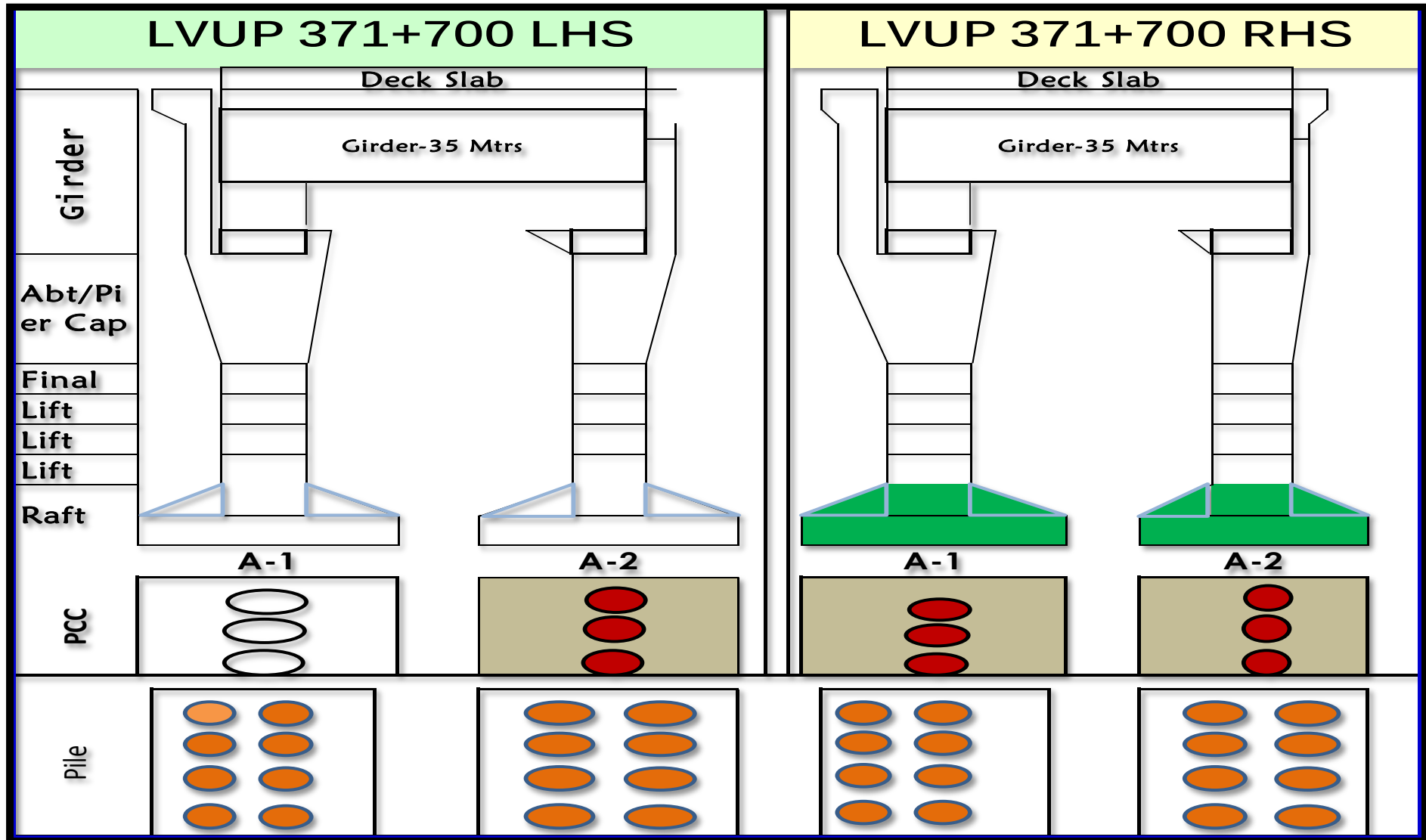
### VUP-364+748 RHS





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.

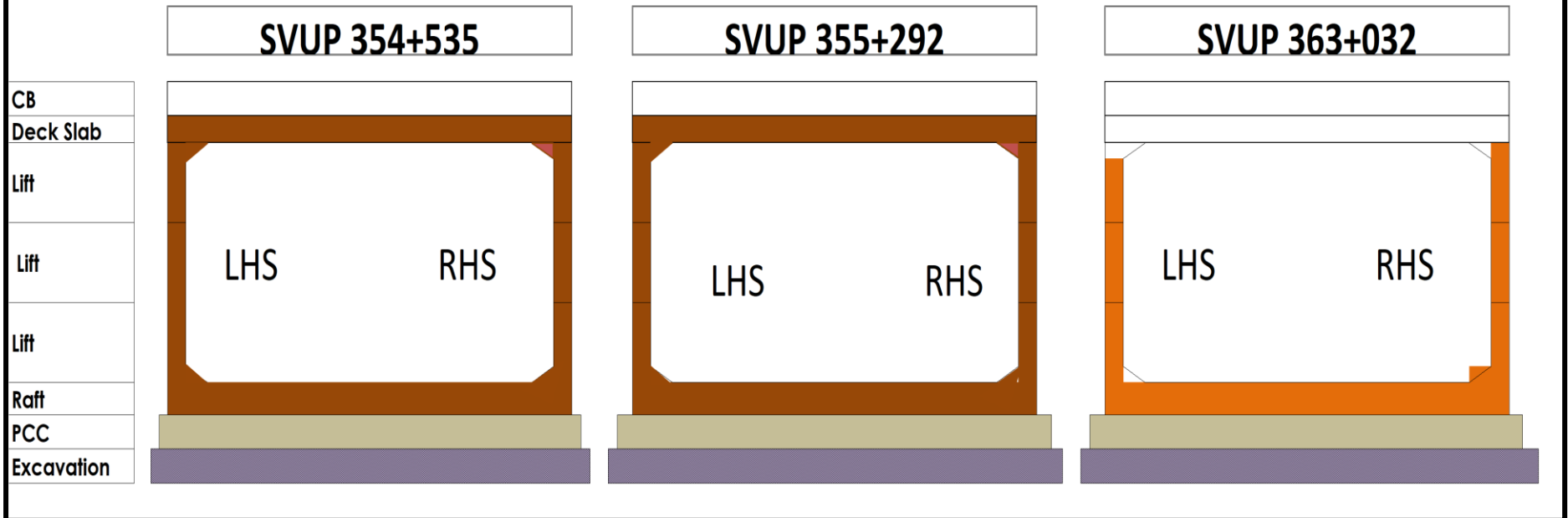
REPORT #

MPR-15/Nov-2022



Monthly Progress Report

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.

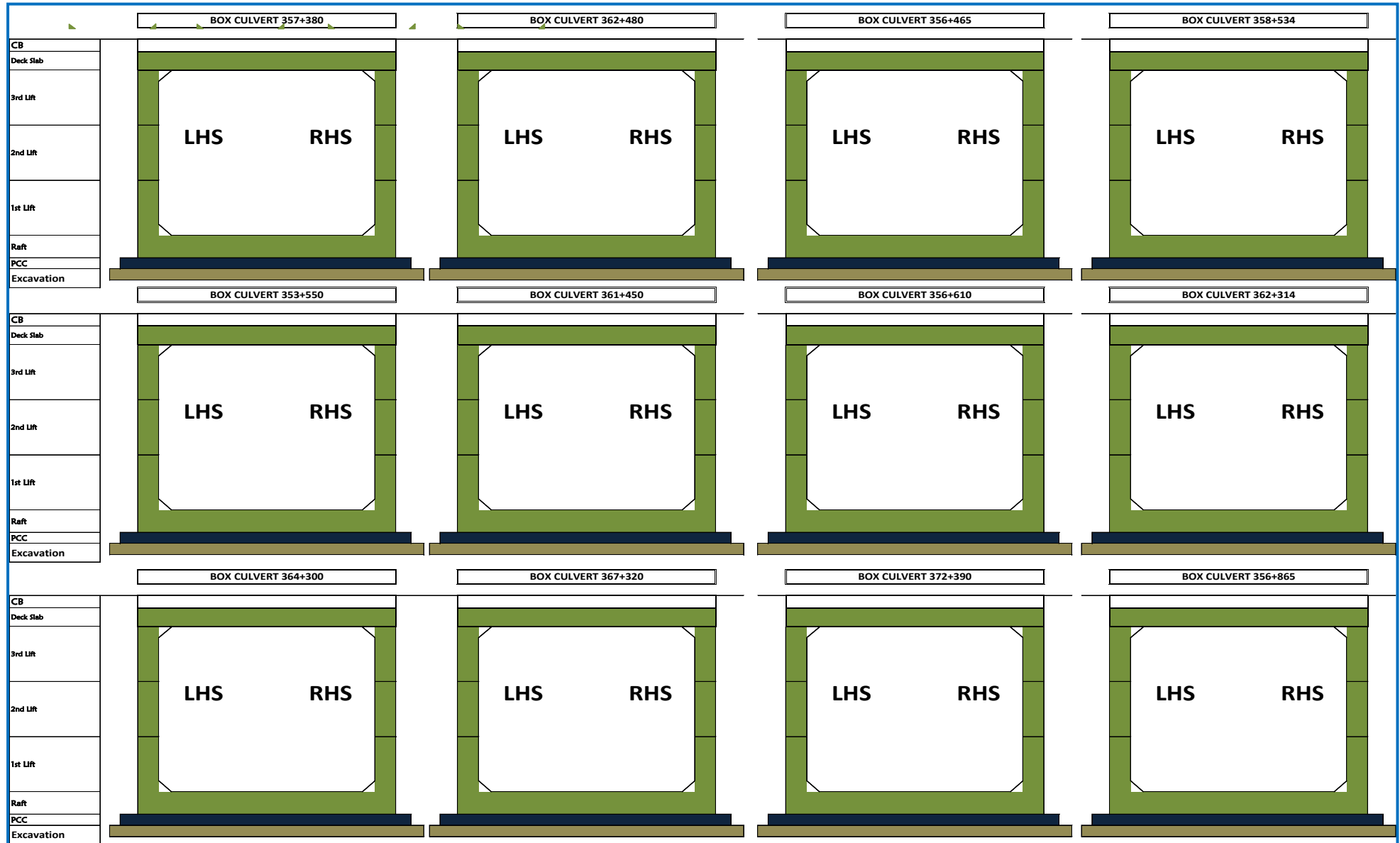
REPORT #

MPR-15/Nov-2022



**Monthly Progress Report**







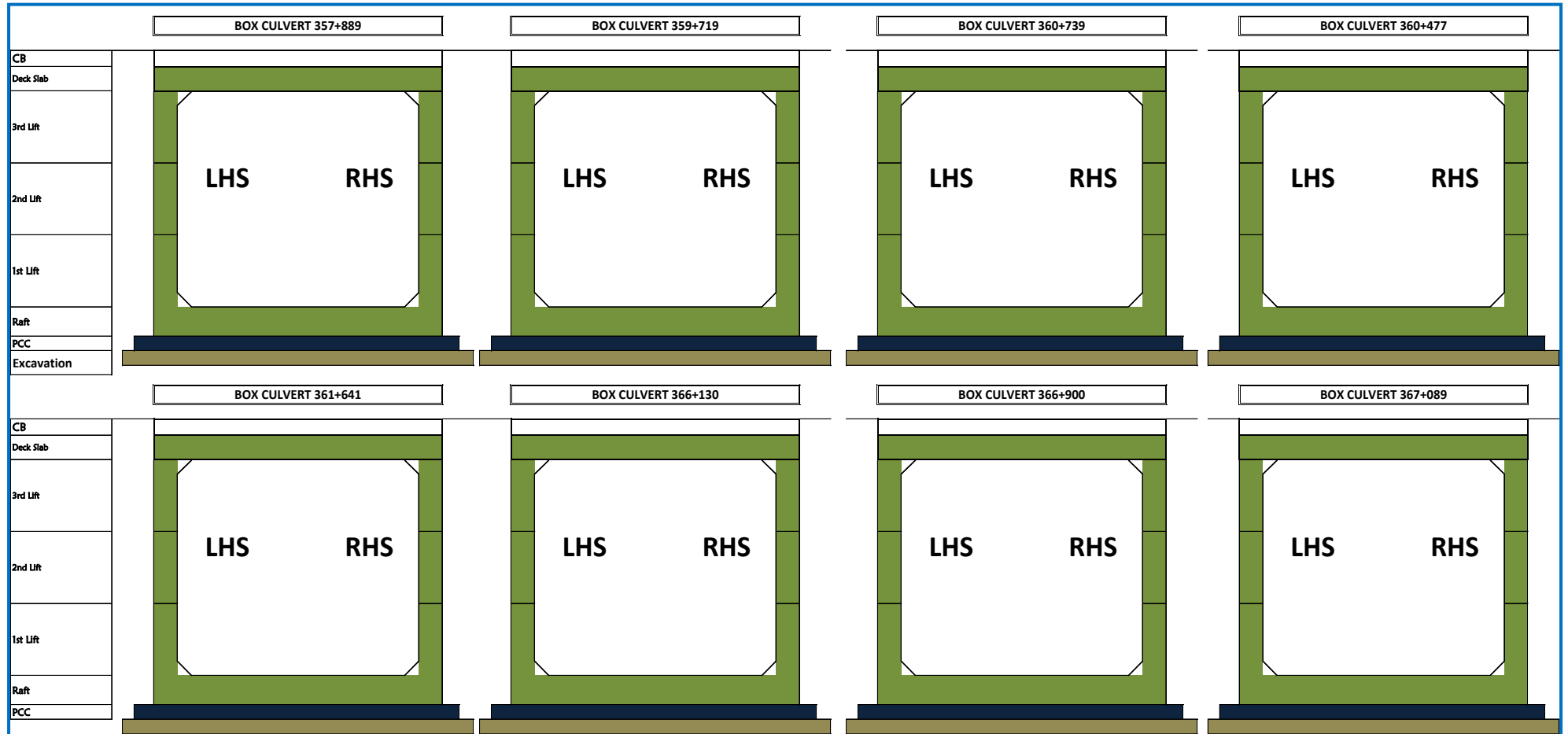
**Project-**  
Delhi – Vadodara Greenfield Alignment (Pkg. No-30) from Ch.351+000 to Ch. 372+500.

REPORT #

MPR-15/Nov-2022

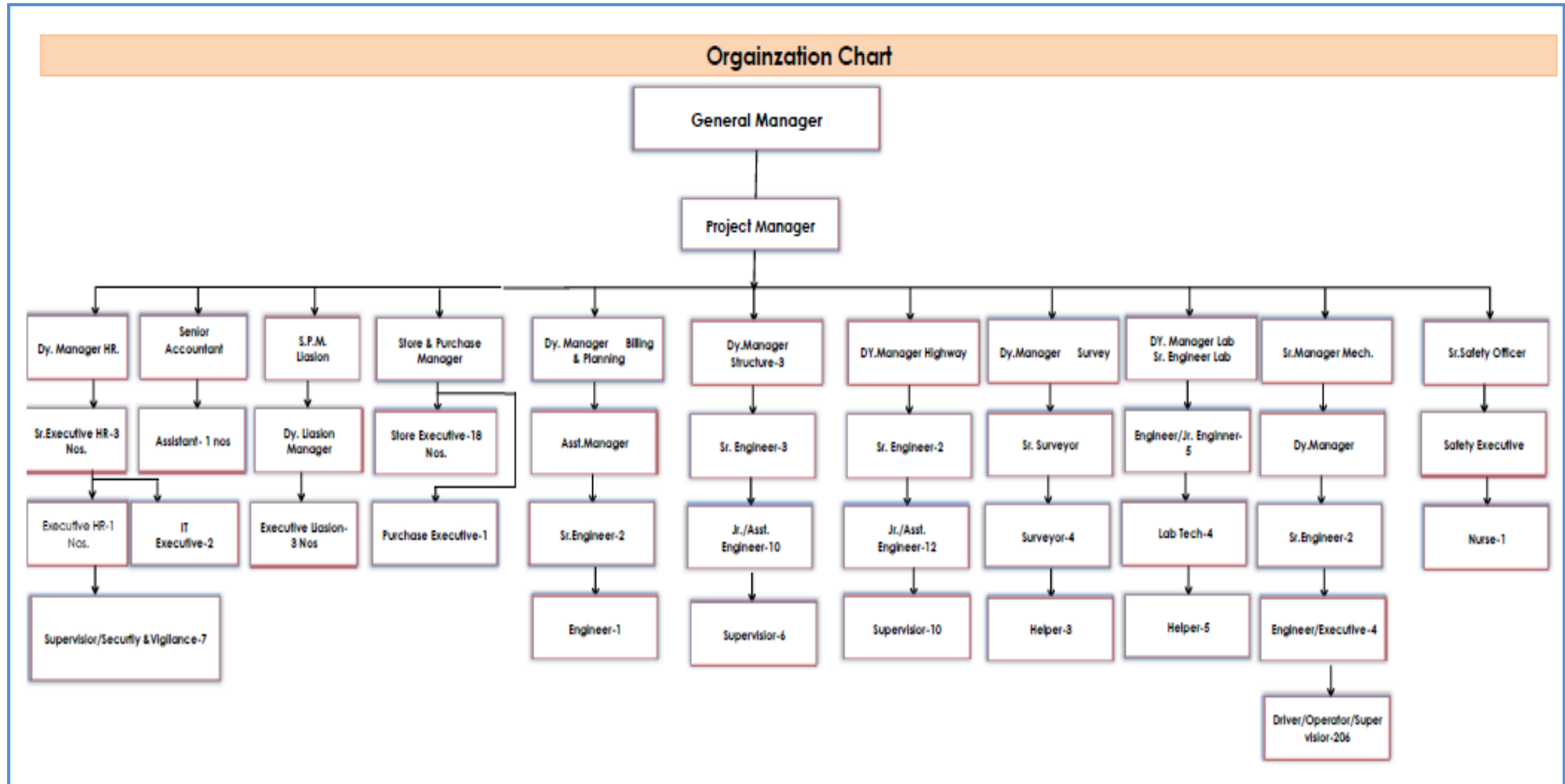


**Monthly Progress Report**





**Organization Charts of EPC Contractor**





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

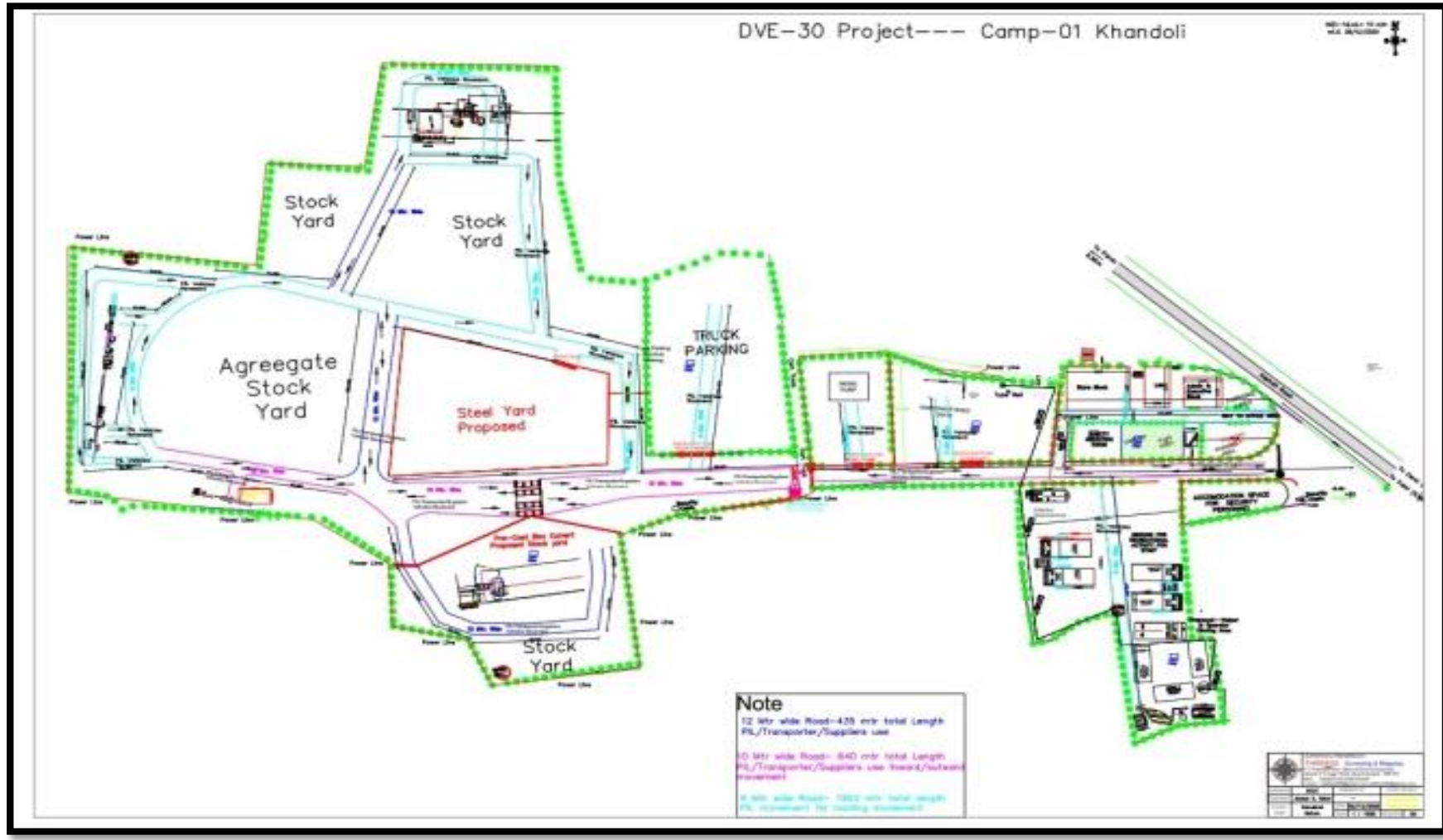
REPORT #

MPR-15/Nov-2022

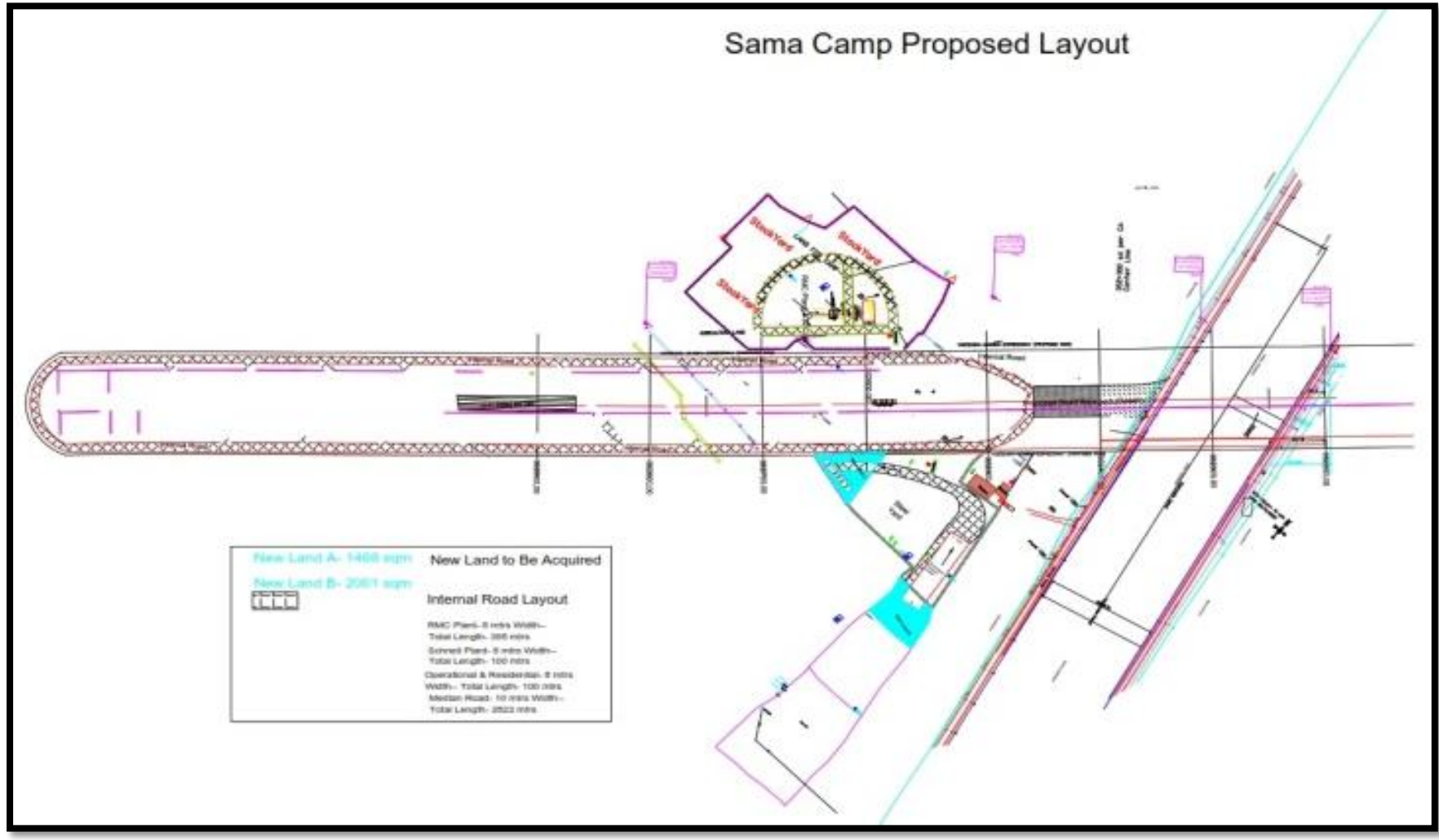


Monthly Progress Report

### Location of Civil Camp Set-up



### Location of Mechanical Camp Set-up





## Quality Control Tests

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

Summary of Quality Control Report / Monthly Progress Report (QC) - MONTH : Nov-2022																					
SL. NO	DESCRIPTI ON	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 Condu cted	Pas s	F ai l	NO. Of Test Condu cted	Pas s	F ai l	NO. Of Test Condu cted	Pa ss	F ai l	NO. Of Test Condu cted	Pa ss	F ai l	NO. Of Test Condu cted	Pas s	F ai l	NO. Of Test Condu cted	Pas s	F ai l
1	OGL	GSA	1 Test/250mtr	160	160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Proctor (MDD)	1 Test/250mtr	160	160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Free Swell Index	1 Test/250mtr	160	160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Atterberg Limits	1 Test/250mtr	160	160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		CBR	As Required	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		FDD Test	1 Set/3000m <sup>2</sup>	203	201	2	162	162	0	0	0	0	0	0	0	0	0	0	0	0	0
2	BORROW AREA SOIL FOR EMBANKMENT	GSA	1 Test/1500 m <sup>3</sup>	1596	1596	0	775	775	0	70	70	0	48	48	0	1666	1666	0	823	823	0
		Proctor (MDD)	1 Test/1500 m <sup>3</sup>	1596	1596	0	772	772	0	70	70	0	45	45	0	1666	1666	0	817	817	0
		Free Swell Index	1 Test/1500 m <sup>3</sup>	1608	1596	12	775	775	0	70	70	0	48	48	0	1678	1666	12	823	823	0
		Atterberg Limits	1 Test/1500 m <sup>3</sup>	1596	1596	0	777	777	0	70	70	0	46	46	0	1666	1666	0	823	823	0
		CBR	1 Test/3000 m <sup>3</sup>	507	507	0	313	313	0	0	0	0	0	0	0	507	507	0	313	313	0
		FDD Test	1 Set/3000m <sup>2</sup>	2646	2605	41	1483	1483	0	123	123	0	77	77	0	2769	2728	41	1560	1560	0
3	BORROW AREA SOIL FOR SUBGRADE, SHOULDER &	GSA	1 Test/1500 m <sup>3</sup>	803	803	0	561	561	0	40	40	0	28	28	0	843	843	0	589	589	0
		Proctor (MDD)	1 Test/1500 m <sup>3</sup>	803	803	0	564	564	0	40	40	0	25	25	0	843	843	0	589	589	0
		Atterberg Limits	1 Test/1500 m <sup>3</sup>	803	803	0	559	559	0	40	40	0	28	28	0	843	843	0	587	587	0
		Free Swell Index	1 Test/1500	803	803	0	567	567	0	40	40	0	26	26	0	843	843	0	593	593	0





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

REPORT #

MPR-15/Nov-2022



**Monthly Progress Report**

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

	REINFORCED SOIL		m <sup>3</sup>																		
		CBR	1 Test/3000 m <sup>3</sup>	607	607	0	411	411	0	20	20	0	14	14	0	627	627	0	425	425	0
		FDD Test for Subgrade	1 Set/2000 m <sup>2</sup>	290	282	8	205	205	0	54	54	0	34	34	0	344	336	8	239	239	0
		FDD Test for Shoulder/R. E Wall		0	0	0	0	0	980	980	0	618	618	0	980	980	0	618	618	0	
4	GRANULAR SUB-BASE [G.S.B]	Gradation	1 Test/400 m <sup>3</sup>	209	209	0	115	115	0	38	38	0	24	24	0	247	247	0	139	139	0
		Proctor (MDD)	As Required/Source	6	6	0	3	3	0	0			0			6	6	0	3	3	0
		Atterberg Limits	1 Test/400 m <sup>3</sup>	142	142	0	109	109	0	38	38	0	25	25	0	180	180	0	134	134	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
		CBR	As Required/Source	2	2	0	1	1	0	0			0			2	2	0	1	1	0
		Water Absorption	As Required/Source	3	3	0	2	2	0	0			0			3	3	0	2	2	0
		A..I. V	As Required/Source	6	6	0	3	3	0	0			0			6	6	0	3	3	0
		FDD Test	1 Test/1000 m <sup>2</sup>	298	298	0	247	247	0	27	27	0	17	17	0	325	325	0	264	264	0
5	WET MIX MACADAM [WMM]	Gradation	1 Test/200 m <sup>3</sup>	155	155	0	92	92	0	42	42	0	27	27	0	197	197	0	119	119	0
		Atterberg Limits	1 Test/200 m <sup>3</sup>	146	146	0	95	95	0	42	42	0	27	27	0	188	188	0	122	122	0
		Proctor (MDD)	As Required	2	2	0	1	1	0	0			0			2	2	0	1	1	0
		A.I.V	1 Test/1000 m <sup>3</sup>	83	83	0	52	52	0	0			0			83	83	0	52	52	0
		FI & EI Index	1 Test/500 m <sup>3</sup>	91	91	0	58	58	0	42	42	0	27	27	0	133	133	0	85	85	0
		FDD Test	1 Set/1000 m <sup>2</sup>	186	186	0	121	121	0	55	55	0	35	35	0	241	241	0	156	156	0
6	PRIME COAT	Quality of Binder	2 Samples/Lot	16	16	0	11	11	0	4	4	0	3	3	0	20	20	0	14	14	0
		Rate of Spread of Binder	3 Tests/Day	197	197	0	126	126	0	60	60	0	37	37	0	257	257	0	163	163	0



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

REPORT #

MPR-15/Nov-2022



Monthly Progress Report

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

		Binder Temperature	At Regular Interval	8	8	0	5	5	0	70	70	0	45	45	0	78	78	0	50	50	0
7	TACK COAT	Quality of Binder	2 Samples/Lot	4	4	0	1	1	0	0			0			4	4	0	1	1	0
		Rate of Spread of Binder	3 Tests/Day	12	12	0	8	8	0	135	135	0	85	85	0	147	147	0	93	93	0
		Binder Temperature	At Regular Interval	10	10	0	7	7	0	145	145	0	90	90	0	155	155	0	97	97	0
8	Binder (Bitumen) VG-40	Penetration	1 Test/Lot	84	84	0	54	54	0	67	67	0	42	42	0	151	151	0	96	96	0
		Softening Point	1 Test/Lot	83	83	0	53	53	0	67	67	0	44	44	0	150	150	0	97	97	0
		Viscosity	1 Test/Lot	85	85	0	57	57	0	67	67	0	43	43	0	152	152	0	100	100	0
9	DENSE BITUMINOUS MACADAM [DBM]	Extraction Test (Binder Content)	1 Set/400 MT 'or' (2 Test/Plant/Day)	96	96	0	63	63	0	119	119	0	75	75	0	215	215	0	138	138	0
		A.I.V	1 Test/350 m <sup>3</sup>	65	65	0	46	46	0	49	49	0	33	33	0	114	114	0	79	79	0
		EI & FI Index	1 Test/350 m <sup>3</sup>	64	64	0	44	44	0	49	49	0	34	34	0	113	113	0	78	78	0
		Mix-Gradation	1 Set/400 MT 'or' (2 Test/Plant/Day)	120	120	0	78	78	0	119	119	0	75	75	0	239	239	0	153	153	0
		Marshall Stability Test	1 set=3specimens Per 400MT 'or' (2 set/Plant/Day)	153	153	0	101	101	0	119	119	0	76	76	0	272	272	0	177	177	0
		Max. Sp.Gr of Mix (GMM)	1 Test/400 MT 'or' (2 Test/Plant/Day)	181	181	0	115	115	0	119	119	0	74	74	0	300	300	0	189	189	0
		Stripping Value	1 Test/Source	8	8	0	5	5	0	2	2	0	2	2	0	10	10	0	7	7	0
		Sp. Gr. & W.A	1 Test/Source	38	38	0	26	26	0	5	5	0	5	5	0	43	43	0	31	31	0



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

REPORT #

MPR-15/Nov-2022



Monthly Progress Report

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

		Temp. of Binder & Agg. At Mixing, Production & Laying	At Regular Interval	369	369	0	237	237	0	0			0			369	369	0	237	237	0
		Surface Regularity	Running KiloMeter	5.975	5.975	0	5.975	5.975	0	10.53	10.5	0	6.56	6.56	0	16.51	16.51	0	12.54	12.54	0
		International Roughness Index	Running KiloMeter	5.975	5.975	0	5.975	5.975	0	10.53	10.5	0	6.56	6.56	0	16.51	16.51	0	12.54	12.54	0
		Pavement Quality Indicator Gauge (PQI)	5 test/100rm	165	165	0	128	128	0	0			0			165	165	0	128	128	0
		MR Value test	1 set=3specimens Per 400MT 'or' (2 set/Plant/Day)	135	135	0	89	89	0	119	119	0	75	75	0	254	254	0	164	164	0
		Field Density (Core)	1 Test/200rm	71	71	0	46	46	0	75	75	0	48	48	0	146	146	0	94	94	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
		A.I.V	1 Test/350 m <sup>3</sup>	1	1	0	1	1	0	0			0			1	1	0	1	1	0
		EI & FI Index	1 Test/350 m <sup>3</sup>	1	1	0	1	1	0	0			0			1	1	0	1	1	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
		Marshall Stability Test	1 set=3specimens Per 400MT 'or' (2 set/Plant/Day)	9	9	0	6	6	0	0			0			9	9	0	6	6	0
		Max. Sp.Gr of Mix (GMM)	1 Test/400 MT 'or' (2	12	12	0	7	7	0	0			0			12	12	0	7	7	0



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

REPORT #

MPR-15/Nov-2022



**Monthly Progress Report**

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

		Test/Plant/D ay)																		
		Stripping Value	1 Test/Source	1	1	0	1	1	0	0			0		1	1	0	1	1	0
		Sp. Gr. & W.A	1 Test/Source	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
		Field Density (Core)	1 Test/700 m <sup>2</sup>	0	0	0	0	0	0	0			0		0	0	0	0	0	0
		Extraction Test (Binder Content)	1 Set/400MT 'or' (2 Test/Plant/D ay)	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
		El & Fl Index	1 Test/100 m <sup>3</sup>	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
11	STONE MATRIX ASPHALT [SMA]	Mix-Gradation	1 Set/400 MT 'or' (2 Test/Plant/D ay)	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
		Stripping Value	1 Test/Source	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
		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
		Field Density (Core)	1 Test/250 m <sup>2</sup>	0	0	0	0	0	0	0			0		0	0	0	0	0	0
12	COMPRES SIVE STRENGT H OF	M-10	07 Days	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
		M-15	07 Days	18	18	0	0	0	0	0			0		18	18	0	0	0	0
			28 Days	18	18	0	0	0	0	0			0		18	18	0	0	0	0



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

REPORT #

MPR-15/Nov-2022



**Monthly Progress Report**

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

CONCRETE MIX-DSIGN(CUBE IN SET)	M-20	07 Days	3	3	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0
		28 Days	3	3	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0
	M-25	07 Days	4	4	0	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0
		28 Days	4	4	0	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0
	M-30	07 Days	32	32	0	2	2	0	6	6	0	3	3	0	38	38	0	5	5	0
		28 Days	32	32	0	2	2	0	0	0	0	0	0	0	32	32	0	2	2	0
	M-35	07 Days	41	41	0	4	4	0	6	6	0	4	4	0	47	47	0	8	8	0
		28 Days	44	44	0	2	2	0	0	0	0	0	0	0	44	44	0	2	2	0
	M-35 (Pile)	07 Days	69	69	0	3	3	0	6	6	0	5	5	0	75	75	0	8	8	0
		28 Days	69	69	0	3	3	0	0	0	0	0	0	0	69	69	0	3	3	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
		28 Days	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	M-40 Pile	07 Days	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		28 Days	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	M-40	07 Days	40	40	0	3	3	0	6	6	0	4	4	0	46	46	0	7	7	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	21	21	0	0	0	0
		28 Days	21	21	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	113	113	0	9	9	0	6	6	0	4	4	0	119	119	0	13	13	0	
	28 Days	112	112	0	1	1	0	0	0	0	0	0	0	112	112	0	1	1	0	
13 SITE CONCRETE WORK CUBE COMPRESIVE STRENGTH(CUBE IN SET)	M-10	07 Days	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		28 Days	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	M-15	07 Days	153	153	0	96	96	0	15	15	0	9	9	0	168	168	0	105	105	0
		28 Days	379	379	0	243	243	0	14	14	0	10	10	0	393	393	0	253	253	0
	M-20	07 Days	127	127	0	3	3	0	11	11	0	7	7	0	138	138	0	10	10	0
		28 Days	13	13	0	8	8	0	0	0	0	0	0	0	13	13	0	8	8	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	70	70	0	46	46	0	10	10	0	7	7	0	80	80	0	53	53	0
		28 Days	306	306	0	194	194	0	5	5	0	3	3	0	311	311	0	197	197	0
M-35	07 Days	220	220	0	138	138	0	13	13	0	8	8	0	233	233	0	146	146	0	
	28 Days	1089	1089	0	683	683	0	102	102	0	65	65	0	1191	1191	0	748	748	0	



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

REPORT #

MPR-15/Nov-2022



**Monthly Progress Report**

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

		M-35 (Pile)	07 Days	922	922	0	543	543	0	32	32	0	20	20	0	954	954	0	563	563	0
			28 Days	2874	2874	0	1800	1800	0	18	18	0	12	12	0	2892	2892	0	1812	1812	0
		M-35(R.E Block)	07 Days	18	18	0	16	16	0	12	12	0	7	7	0	30	30	0	23	23	0
			28 Days	84	84	0	55	55	0	17	17	0	11	11	0	101	101	0	66	66	0
		M-40 PRECAST	07 Days	48	48	0	40	40	0	0	0	0	0	0	0	48	48	0	40	40	0
			28 Days	302	302	0	185	185	0	0	0	0	0	0	0	302	302	0	185	185	0
		M-40 PILE	07 Days	144	144	0	97	97	0	0	0	0	0	0	0	144	144	0	97	97	0
			28 Days	309	309	0	194	194	0	0	0	0	0	0	0	309	309	0	194	194	0
		M-40 RCC	07 Days	367	367	0	229	229	0	44	44	0	25	25	0	411	411	0	254	254	0
			28 Days	1064	1064	0	717	717	0	87	87	0	54	54	0	1151	1151	0	771	771	0
		M-40 ( Boundary Wall)	07 Days							10	10	0	6	6	0	10	10	0	6	6	0
			28 Days							0	0	0	0	0	0	0	0	0	0	0	0
		M-45	07 Days	37	37	0	24	24	0	0	0	0	0	0	0	37	37	0	24	24	0
			28 Days	62	62	0	42	42	0	4	4	0	3	3	0	66	66	0	45	45	0
M-50 RCC & PSC	07 Days	59	59	0	39	39	0	11	11	0	7	7	0	70	70	0	46	46	0		
	28 Days	361	361	0	227	227	0	60	60	0	35	35	0	421	421	0	262	262	0		
14	CEMENT OPC-53	Fineness	1 Test/Lot	856	856	0	500	500	0	56	56	0	35	35	0	912	912	0	535	535	0
		Consistency	1 Test/Lot	856	856	0	504	504	0	56	56	0	35	35	0	912	912	0	539	539	0
		Initial and Final Setting Time	1 Test/Lot	856	856	0	506	506	0	56	56	0	35	35	0	912	912	0	541	541	0
		Soundness	1 Test/Lot	3	3	0	0	0	0							3	3	0	0	0	0
		Compressive Strength	1 Test/Lot			105	105	0	52	52	0	4	4	0	2	2	0	109	109	0	54
				101	101	0	51	51	0	4	4	0	2	2	0	105	105	0	53	53	0
				100	100	0	59	59	0	5	5	0	3	3	0	105	105	0	62	62	0
15	FLY-ASH	Particle retained on 45micron sieve(Wet Sieving)	Every Lot	253	253	0	150	150	0	20	20	0	13	13	0	273	273	0	163	163	0
16	COARSE AGGREGATES	Sieve Analysis	As per QAP	420	420	0	242	242	0	30	30	0	22	22	0	450	450	0	264	264	0
		Sp. Gr. & W.A	As per QAP	81	81	0	71	71	0	2	2	0	2	2	0	83	83	0	73	73	0
		Moisture Correction	As per QAP	334	334	0	221	221	0	30	30	0	22	22	0	364	364	0	243	243	0
		A.I.V Test	As per QAP	60	60	0	36	36	0	4	4	0	3	3	0	64	64	0	39	39	0
		EI & FI Index	As per QAP	54	54	0	33	33	0	4	4	0	3	3	0	58	58	0	36	36	0
17	FINE AGGREGATES	Sieve Analysis	As per QAP	421	421	0	251	251	0	30	30	0	20	20	0	451	451	0	271	271	0
		Silt Content	As per QAP	183	183	0	99	99	0	4	4	0	3	3	0	187	187	0	102	102	0
		Sp. Gr. & W.A	As per QAP	44	44	0	30	30	0	2	2	0	2	2	0	46	46	0	32	32	0
		Moisture Correction	As per QAP	421	421	0	264	264	0	30	30	0	20	20	0	451	451	0	284	284	0



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

REPORT #

MPR-15/Nov-2022



**Monthly Progress Report**

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

18	Hume Pipe	Dimension test,	As per QAP	89	89	0	56	56	0	5	5	0	3	3	0	94	94	0	59	59	0	
		Hydrostatic Pressure Test	As per QAP	16	16	0	7	7	0	2	2	0	0	0	0	0	18	18	0	7	7	0
		Load to Produce 0.25mm Crack/Ultimate load test	As per QAP	16	16	0	7	7	0	3	3	0	0	0	0	0	19	19	0	7	7	0
19	CALIBRATION	Concrete Batching Plant	As per QAP	12	12	0	9	9	0	2	2	0	2	2	0	14	14	0	11	11	0	
		Hot Mix Plant	As per QAP	4	4	0	4	4	0	0			0			4	4	0	4	4	0	
		WMM Plant	As per QAP	2	2	0	2	2	0	1	1	0	1	1	0	3	3	0	3	3	0	
		Moisture Meter	As per QAP	16	16	0	13	13	0	1	1	0	1	1	0	17	17	0	14	14	0	
		Moisture Contain. (Medium Size)	As per QAP	470	470	0	92	92	0	0			0			470	470	0	92	92	0	
		Moisture Contain. (Small Size)	As per QAP	350	350	0	92	92	0	0			0			350	350	0	92	92	0	
		Moisture Contain. (Large Size)	As per QAP	150	150	0	92	92	0	0			0			150	150	0	92	92	0	
		Pouring Cylinder	As per QAP	54	54	0	28	28	0	5	5	0	3	3	0	59	59	0	31	31	0	
		Proctor Mould	As per QAP	49	49	0	11	11	0	0			0			49	49	0	11	11	0	
		Proctor Rammer	As per QAP	27	27	0	8	8	0	0			0			27	27	0	8	8	0	
		Slump Cone	As per QAP	25	25	0	8	8	0	0			0			25	25	0	8	8	0	
		Concrete Cube Moulds	As per QAP	843	843	0	272	272	0	224	224	0	180	180	0	1067	1067	0	452	452	0	
		CBR Moulds	As per QAP	247	247	0	77	77	0	0			0			247	247	0	77	77	0	
		Electric Oven	As per QAP	0	0	0	0	0	0	0			0			0	0	0	0	0	0	
		Proving Ring	As per QAP	11	11	0	4	4	0	1	1	0	1	1	0	12	12	0	5	5	0	
		CTM 2000 KN	As per QAP	2	2	0	0	0	0	0			0			2	2	0	0	0	0	
		Tray (Prime/Tack coat)	As per QAP	24	24	0	15	15	0	0			0			24	24	0	15	15	0	
		Penetration apparatus of Bitumen	As per QAP	2	2	0	2	2	0	0			0			2	2	0	2	2	0	
Ring and Ballapparatus	As per QAP	2	2	0	2	2	0	0			0			2	2	0	2	2	0			
Aggregate Impact value test apparatus	As per QAP	2	2	0	2	2	0	0			0			2	2	0	2	2	0			
Electronic Balance	As per QAP	34	34	0	0	0	0	0			0			34	34	0	0	0	0			
<b>THIRD PARTY TEST</b>																						
20	STEEL	All Physical & Chemical	1 Test/Lot	318	318	0	130	130	0	0			0			318	318	0	130	130	0	
21	COARSE AGGREGATES	Stripping Value	As per QAP	2	2	0	0	0	0	0			0			2	2	0	0	0	0	
		Sp. Gr. & W. A	As per QAP	10	10	0	0	0	0	0			0			10	10	0	0	0	0	
		A.I.V Test	As per QAP	8	8	0	0	0	0	0			0			8	8	0	0	0	0	
		Loss-Anges	As per QAP	11	11	0	0	0	0	0			0			11	11	0	0	0	0	



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

REPORT #

MPR-15/Nov-2022



**Monthly Progress Report**

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

		Soundness	As per QAP	12	12	0	3	3	0	0			0		12	12	0	3	3	0
		EI & FI Index	As per QAP	5	5	0	0	0	0	0			0		5	5	0	0	0	0
		Stone Polished Value	As per QAP	1	1	0	0	0	0	0			0		1	1	0	0	0	0
		MR Value test	As per QAP	9	9	0	3	3	0	0			0		9	9	0	3	3	0
		Alkali Reactivity	As per QAP	3	3	0	0	0	0	0			0		3	3	0	0	0	0
22	FINE AGGREGATES	Soundness	As per QAP	2	2	0	0	0	0	0			0		2	2	0	0	0	0
		Sp. Gr. & W. A	As per QAP	3	3	0	0	0	0	0			0		3	3	0	0	0	0
		Deleterious Material	As per QAP	1	1	0	0	0	0	0			0		1	1	0	0	0	0
		Sand Equivalent test	As per QAP	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		2	2	0	0	0	0
23	WATER	All Tests	Every Three Months	11	11	0	4	4	0	4	4	0	0	0	15	15	0	4	4	0
24	BORROW AREA (SUBGRADE & BACKFILLING)	GSA	As per QAP	10	10	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
		Atterberg Limits	As per QAP	0	0	0	0	0	0	0			0		0	0	0	0	0	0
		C & $\phi$ Value	As per QAP	58	58	0	0	0	0	0			0		58	58	0	0	0	0
		Free Swell Index	As per QAP	0	0	0	0	0	0	0			0		0	0	0	0	0	0
25	CEMENT	Fineness	1 Test/Lot	5	5	0	0	0	0	0			0		5	5	0	0	0	0
		Consistency	1 Test/Lot	5	5	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		5	5	0	0	0	0
		Soundness	1 Test/Lot	5	5	0	0	0	0	0			0		5	5	0	0	0	0
		Compressive Strength	1 Test/Lot	5	5	0	0	0	0	0			0		5	5	0	0	0	0
26	FLY-ASH	All Tests	As per QAP	3	3	0	1	1	0	0			0		3	3	0	1	1	0
27	ADMIXTURE	All Tests	As per QAP	3	3	0	0	0	0	0			0		3	3	0	0	0	0
28	GSB	Deleterious content	As per QAP	0	0	0	0			0			0		0	0	0	0		
29	Bitumen	Sofetning Point,Flash Point, Penetration, Absolute Viscosity, Kinematic Viscosity, Ductility, Viscosity ratio, Solubility	As per QAP	6	6	0	0	0	0	3	3	0	0	0	9	9	0	0	0	0





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

REPORT #

MPR-15/Nov-2022



**Monthly Progress Report**

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

30	Emulsion (RS-1, SS-1)	Residue, Coagulation, Particle Charge, Storage Stability, Stability after 24hrs, Stability to mixing of Cement, Residue on Evaporation , Penetration, Ductility, Solubility, Water Content	As per QAP	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0		
31	Site Concrete Work	M-15, M-35, M-35 (Pile), M-40, M-45 & M-50	07 Days	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-15	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-35 (RCC)	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-35 (Pilling)	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 RCC	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-45 RCC	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-50 RCC & PSC	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	
32	CALIBRATION	Concrete Batching Plant	As per QAP	1	1	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	
		Concrete Cube Moulds	As per QAP	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	1	1	0	0	0	0	
		CTM 2000 KN	As per QAP	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	
		Electronic Balance	As per QAP	26	26	0	6	6	0	0	0	0	0	0	26	26	0	6	6	0	
<b>Total=</b>				<b>35726</b>	<b>35663</b>	<b>63</b>	<b>19820</b>	<b>19820</b>	<b>0</b>	<b>4395</b>	<b>4395</b>	<b>0</b>	<b>2840</b>	<b>2840</b>	<b>0</b>	<b>40121</b>	<b>40058</b>	<b>63</b>	<b>22660</b>	<b>22660</b>	<b>0</b>

### Laboratory Equipment's:-

<b>LIST OF LABORATORY EQUIPMENT</b>		
<b>Sl. No</b>	<b>Equipment Name</b>	<b>QTY IN NOS</b>
<b>1</b>	<b>Balance</b>	
<b>a</b>	100 capacity Semi-Self indicating type-Accuracy 2 gm electronic	2
<b>b</b>		
<b>c</b>	50 Kg capacity Semi-Self indicating type-Accuracy 1 gm electronic	2
<b>d</b>	30 Kg capacity Semi-Self indicating type-Accuracy 0.1 gm Electronic	3
<b>e</b>		
<b>f</b>		
<b>g</b>	20 Kg capacity Semi-Self indicating type-Accuracy 0.1gm Electronic	1
<b>h</b>	15 Kg capacity Semi-Self indicating type-Accuracy 0.1gm Electronic	1
<b>i</b>	10 Kg capacity Semi-Self indicating type-Accuracy 0.1 gm Electronic	2
<b>j</b>		
<b>k</b>	5 KG capacity- semi-self indicating Type Accuracy .01 gm Electronic	4
<b>l</b>		
<b>m</b>		
<b>n</b>		
<b>o</b>	6 Kg capacity- semi-self indicating Type Accuracy 0.5 gm Electronic	1
<b>p</b>	7.5 Kg capacity- semi-self indicating Type Accuracy 0.5 gm Electronic	1
<b>q</b>	600 GMS Capacity samy self indicating type accuracy 0.01 gm electronic	2
<b>q</b>		
<b>2</b>	<b>Oven</b>	
<b>a</b>	OVEN Temperature range ambient to 300°C, Sensitivity 1°C, capacity	2
<b>b</b>		
<b>3</b>	<b>Sieves: as per IS:2386 PART I Test sieve set 450mm internal dia. complete with lid and pan</b>	
<b>1</b>	100 MM	1
<b>2</b>	100mm	1
<b>3</b>	90 mm	1
<b>4</b>	80mm	1
<b>5</b>	75 mm	1
<b>6</b>	75 MM	2
<b>7</b>	63 mm	1
<b>8</b>	63 MM	1
<b>9</b>	53 MM	1
<b>10</b>	53 mm	1
<b>11</b>	50 mm	1
<b>12</b>	50 MM	1
<b>13</b>	45 mm	1
<b>14</b>	45 MM	1
<b>15</b>	40 mm	1



**LIST OF LABORATORY EQUIPMENT**

16	40 MM	1
17	37.5 mm	2
18	31.5 MM	1
19	31.5 mm	1
20	26.5 mm	3
21	25 mm	2
22	20 MM	2
23	22.4 MM	1
24	22.4 mm	1
25	20 mm	1
26	20 MM	1
27	19 mm	1
28	16 mm	1
29	16 MM	1
30	14 mm	1
31	13.2 mm	2
32	12.5 mm	3
33	11.2mm	1
34	11.2 MM	1
35	10 MM	3
36	9.5 MM	1
37	6.3 mm	2
38	5.6 mm	1
39	5.0 mm	2
40	4.75 mm	4
41	2.36 mm	3
4	<b>Test sieve set 200mm internal dia( brass frameand brass wire cloth mesh) as per IS complete with lid and pan</b>	
a	4.75mm	3
b	2.8mm	3
c	2.36 mm	7
d	2.0 mm	2
e	1.7 MM	2
f	1.40 mm	1
g	1.18 mm	3
h	1.00 mm	2
i	0.850 mm	3
j	0.710 mm	3
k	0.600 mm	5
l	0.425 mm	8
m	0.355 MM	3



**LIST OF LABORATORY EQUIPMENT**

<b>o</b>	0.300 mm	7
<b>p</b>	0.25 mm	2
<b>q</b>	.212 mm	2
<b>r</b>	0.180 mm	4
<b>s</b>	0.150 MM	3
<b>t</b>	0.125 mm	1
<b>u</b>	0.090 mm	5
<b>v</b>	0.075 mm	10
<b>w</b>	0.045 mm	2
<b>x</b>	0.045	4
<b>y</b>	0.015	5
<b>5</b>	2000 kN compression testing machine DIGITAL Electric operated	1
<b>6</b>	stop watches 1/5 sec. accuracy	1
<b>7</b>	Flakiness and Elongation test gauges as per IS:2386, Part-1	2
<b>8</b>	Aggregate Impact Value Test apparatus as per IS 2386(part-iv)	1
<b>9</b>	<b>Glass ware comprising beakers, pipettes, dishes, measuring cylinders(100 to 1000cc capacity glass rods and funnels, glass beakers)</b>	
<b>a</b>	100ml Graduation (0-100mm) - Borosil Make	36
<b>b</b>	250ml	10
<b>c</b>	500ml	10
<b>d</b>	1000ml	3
<b>e</b>	Beaker - 500 ml	10
<b>f</b>	Beaker - 600 ml	5
<b>g</b>	Beaker - 1000 ml	5
<b>h</b>	Glass rod	4
<b>i</b>	Glass Funnel	5
<b>j</b>	Pipettes	2
<b>10</b>	Hot plates 200mm dia(1500watt)	3
<b>11</b>	<b>Riffle box</b>	
<b>a</b>	Riffle box of slot size 75mm as per ASTM C-136	1
<b>b</b>	Riffle box of slot size 50mm as per ASTM C-136	1
<b>12</b>	Marse Cone Funnel -Plastic 0 to 300 mm	1
<b>13</b>	<b>DEPTH GAUGE</b>	
<b>a</b>	DEPTH GAUGE 0 TO 300 MM	1
<b>b</b>	DEPTH GAUGE 0 TO 300 MM	1
<b>c</b>	DEPTH GAUGE 0 TO 300 MM	1
<b>d</b>	DEPTH GAUGE 0 TO 300 MM	1
<b>e</b>	DEPTH GAUGE 0 TO 300 MM	1
<b>f</b>	DEPTH GAUGE 0 TO 300 MM	1
<b>14</b>	PH METER	1
<b>15</b>	<b>Hygrometer</b>	
<b>a</b>	Hygrometer (Max. / Min. Thermometer with Humidity meter)	1



**LIST OF LABORATORY EQUIPMENT**

<b>b</b>	Hygrometer (Max. / Min. Thermometer with Humidity meter)	1
<b>16</b>	<b>Hydrometer</b>	
<b>a</b>	0.800 to 1.000	4
<b>b</b>	0.900 to 1.000	2
<b>c</b>	1.000 to 1.100	2
<b>d</b>	1.00 to 1.200	1
<b>e</b>	1.00 to 1.200	1
<b>17</b>	<b>DIGITAL THERMOMETER</b>	
<b>a</b>	-50 TO 300 C RANGE with wire	12
<b>b</b>	-50 TO 300 C RANGE with wire	
<b>c</b>	-50 TO 300 C RANGE with wire	
<b>d</b>	-50 TO 300 C RANGE with wire	
<b>e</b>	-50 TO 300 C RANGE with wire	
<b>f</b>	-50 TO 300 C RANGE with wire	
<b>g</b>	-50 TO 300 C RANGE with wire	
<b>h</b>	-50 TO 300 C RANGE with wire	
<b>i</b>	-50 TO 300 C RANGE with wire	
<b>j</b>	-50 TO 300 C RANGE with wire	
<b>k</b>	-50 TO 300 C RANGE with wire	
<b>l</b>	-50 TO 300 C RANGE with wire	
<b>m</b>	-50 TO 300 C RANGE (Pen Type)	3
<b>n</b>	-50 TO 300 C RANGE (Pen Type)	
<b>o</b>	-50 TO 300 C RANGE (Pen Type)	
<b>p</b>	Lessre Thermometer	1
<b>18</b>	<b>VERNIER CALIPERS</b>	
<b>a</b>	VERNIER CALIPERS(0 TO 200 MM)	1
<b>b</b>	VERNIER CALIPERS (Digital) (0 TO 300 MM)	1
<b>19</b>	Spirit Level	1
<b>20</b>	<b>Steel Tape 5m and 30 meter</b>	
<b>a</b>	5 mtr	1
<b>b</b>	30 mtr	1
<b>21</b>	Rainfall Gauge	2
<b>22</b>	<b>Measuring Jar</b>	
<b>a</b>	50ml	2
<b>b</b>	100ml	4
<b>c</b>	250ml	0
<b>d</b>	500ml	0
<b>e</b>	1000ml	2
<b>f</b>	Funnel	0
<b>g</b>	Wash bottle	5
<b>23</b>	<b>Liquid limit and plastic limit - IS-2720 (Part-5)</b>	
<b>a</b>	Liquid limit device with Casagrande and grooving tools and as per IS:2720	2



**LIST OF LABORATORY EQUIPMENT**

<b>b</b>	CONE PENTROMETER	3
<b>24</b>	<b>Cantainers</b>	
<b>a</b>	Moisture content(Small) cantainers Aluminium	150
<b>b</b>	Moisture content(Medium)cantainers Aluminium	150
<b>C</b>	Moisture content(Large)cantainers Aluminium	150
<b>25</b>	<b>Laboratory compaction as per IS-2720(Part-8)</b>	
<b>a</b>	Compaction apparatus 1000cc mould	8
<b>b</b>	Compaction apparatus 2250cc Mould	6
<b>c</b>	Compaction hammer 4.89 kg rammer	6
<b>d</b>	Compaction hammer 2.6 kg rammer	6
<b>26</b>	<b>SAND POURING CYLIENDER WITH CONICAL FUNNEL AND TOP AND BASE PLATE</b>	
<b>a</b>	100 mm dia	4
<b>b</b>	150 mm dia	5
<b>c</b>	200 mm dia	3
<b>d</b>	Sand Pouring Trays 100 mm	10
<b>e</b>	Sand Pouring Trays 150 mm	9
<b>f</b>	Sand Pouring Trays 200 mm	10
<b>27</b>	<b>Electrically operated Laboratory C.B.R testing equipment to the requirements of IS:2720 (Part 16) and consisting of following</b>	
<b>a</b>	CBR MACHINE	1
<b>b</b>	CBR mould complete with collar, base plate, etc.	124
<b>c</b>	Tripod stands for holding dial gauge with dial gauge	124
<b>d</b>	Surcharge weight with central hole of 2.5 kg. weight with central and slotted hole	124
<b>e</b>	Spacer disc with handle	5
<b>f</b>	Perforated brass swell plate with adjustable cap on handle	124
<b>28</b>	<b>Proving rings</b>	
<b>a</b>	2.5 KN	1
<b>b</b>	10 KN	1
<b>b</b>	10 KN	1
<b>c</b>	25 KN	1
<b>d</b>	25 KN	1
<b>e</b>	30 KN	1
<b>f</b>	50 KN	1
<b>29</b>	<b>Speedy moisture tester complete with carrying case and supply of reagent ( with 25% dial gauge)</b>	
<b>a</b>	RMM 01	6
<b>b</b>	RMM 02	
<b>c</b>	RMM 03	
<b>d</b>	RMM 04	
<b>e</b>	RMM 05	
<b>f</b>	RMM 06 NEW	
<b>30</b>	Rubber Mallet	7
<b>31</b>	Cutting Edge 30 cm long	3



**LIST OF LABORATORY EQUIPMENT**

32	Direct Shear Testing Machine with all accessories	1 set
33	Vicat needle apparatus for setting time with plungers & Needles	7 SET
34	<b>(Cube/Beam/Cylinder) Moulds</b>	
a	150mm x 150mm x 150mm cube moulds	227
b	70.6mm moulds ( each size) as per IS	18
c	100mm x 100mm x 100mm moulds	9
d	150x150x750mm Beam moulds	9
e	150 mm x 300 mm Height cylinder with Capping Set	0
f	50mm moulds ( each size) as per IS	6
35	Equipment for Determination of specific gravity for fine aggregate as per IS:2386(part-3)	12
36	Equipment for Determination of specific gravity for coarse aggregate as per IS:2386(part-3)	2
37	Le-chatelier Soundness testing apparatus for cement	6
38	High frequency mortar cube vibrator for cement testing with poking Rod	2
39	Concrete mixer (Pan Type ) power driven, 2 cu.ft. capacity	1
40	Vibrating Table for PQC Beam Casting 1m X 1m as per relevant British standard	1
41	<b>Equipment for slump test</b>	
a	SLUMP CONE	10
b	TEMPING ROD	5
42	Permeability Test Apparatus	1
43	Vibratory Hammer for DLC	1
44	Cement Gauging Trowel	3
45	Standard measures of 30, 15, 3 litre capacity along with standard tamping rod	1
46	<b>Water Bath Equipments</b>	
a	Water bath up to 100°C capacity - 25 ltrs	1
b	Water bath up to 100°C capacity - 50 ltrs	1
47	3 meter Straight edge and measuring wedge	1
48	Bitumen penetrometer automatic type, including adjustable weight arrangement, and needles as per IS 1203	1
49	PENETRATION CUP (Small)	3
50	<b>Soxhlet Extraction or Centrifuge type motorized Bitumen extraction apparatus to the requirement of AASHTO T164</b>	
a	Marshall 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	3
b	compaction pedestal 100 mm dia	1
c	compaction pedestal 150mm dia	
d	Specimen moulds 100 mm dia with base plate, collars	21
e	Specimen moulds 150mm dia with base plate, collars	32
f	compaction hammer 4.79 kgx457 mm fall 100mm DIA	3
g	compaction hammer 10 kgx457 mm fall 150 mm dia	3
h	Breaking Head (100 mm dia)	1
i	Breaking Head (150 mm dia)	1
j	ITS Breaking Head	1



<b>LIST OF LABORATORY EQUIPMENT</b>		
k	Automatic Bituminous Mix Compactor with replacement 100mm and 150mm dia Hammer	1
l	Marshall mould demouder (Pressure type)	1
<b>51</b>		
a	RING AND BALL APPARTUS	1
	Apparatus for Determination of ductility test as per IS 1208 with Elastic Recovery Mould (for Modified Bitumen)	0
<b>52</b>	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)	1
	<b>VISCOMETER tube</b>	
a	SIZE-12	4
b	SIZE-13 (Absolute Viscosity)	2
c	SIZE-400	4
d	SIZE 7 (Kinematic)	1
e	SIZE 6 (Kinematic)	2
<b>53</b>	SAYBOLT Flow Viscometer for Emulsion	1
<b>54</b>	Bitumen specific gravity Apparatus for Determination of specific Gravity IS-1202 (50ml and 100ml)	8
<b>55</b>	<b>Maximum specific gravity (GMM) Apparatus including Vacuum pump fitted with manometer and pressure adjustment and 4 lts bottles with all accessories (02 nos Bottles)</b>	<b>1 set</b>
a	GMM Flask	3
b	Suctioning bowl for ITS	1
<b>56</b>	Bitumen laboratory mixer including required accessories (20 litres.)	0
<b>57</b>	Thin film oven test apparatus to the requirement of AASHTO T 179 including accessories (for Modified Bitumen)	1
<b>58</b>	Sand equivalent apparatus complete along with chemicals to the requirements of IS	0
<b>59</b>	Separation Test Apparatus (for Modified Bitumen)	0
<b>60</b>	Flash Point Apparatus	0
<b>61</b>	Soxhlet Bitumen Impurities test apparatus	0
<b>62</b>	<b>DIAL GAUGE</b>	
a	0-25MM	1
b	0-25MM	1
c	0-25MM	1
d	0-30MM	1
e	0-30MM	1
f	0-30MM	1
g	0-25MM	1
h	0-25MM	1
i	0-25MM	1
j	0-25MM	1
k	0-25MM	2
<b>63</b>	<b>PLATE LOAD TEST APPARTUS</b>	<b>1</b>
a	PRESSURE GAUGE	2
b	PRESSURE PUMP	1
c	JACK	1
<b>64</b>	<b>Spatula</b>	





**LIST OF LABORATORY EQUIPMENT**

a	100mm	10
b	200mm	10
c	300mm	10
<b>65</b>	<b>TRAYS</b>	
a	Enamel TRAYS (600 mm X 450 mm x 50 mm)	20
b	Enamel trays (300 mm X 300 mm x 40 mm)	32
c	Enamel trays (300 mm X 450 mm x 40 mm)	20
d	GI Trays (600mm*600mm*50mm)	15
f	GI Trays (900 mm X 600 mm x 50 mm)	10
g	Enamel TRAYS (300 mm X 250 mm x 40 mm)	15
h	Enamel trays (450 mm X 300 mm x 40 mm)	10
i	GI Trays (1000 mm X 750 mm x 75 mm)	10
j	GI Trays (600mm*450mm*50mm)	20
k	GI Trays (2200 mm X 600 mm x 80 mm)	5
<b>67</b>	<b>Scoop</b>	
a	Scoop Medium size (500 gm)	10
b	Scoop Medium size (1.0 kg)	10
<b>68</b>	Standard Weights Box Calibrated (1gm to 200gm)	1
<b>69</b>	<b>Gas Stove</b>	
a	Gas Stove Single Burner	2
b	GAS STOVE DOUBLE BURNER	1
c	Gas Stove- 5 kg	3
<b>70</b>	Trowels Big and Medium	6
<b>71</b>	Concrete Finisher	6
<b>72</b>	Spade	3
<b>73</b>	Crowbar and Gaity	2
<b>74</b>	Ground glass plate with rounded edges 600mmx600mmx10mm	1
<b>75</b>	Spoon Medium size	6
<b>76</b>	Pavement Quality Indicator (PQI)	1
<b>77</b>	Road Surface Profilometer (Laser Profilometer)	1
<b>78</b>	<b>Cauldron (Kadai)</b>	
a	Cauldron (Kadai) Small Size	3
b	Cauldron (Kadai) Big Size	2
<b>79</b>	First aid box	1
<b>80</b>	Trays for Tackcoat/Prime coat	10
<b>81</b>	Nuclear gauge (NDG) for density and moisture content determination to the requirements of AASHTO 238 AND 239	1
<b>82</b>	Standard Penetration Test Equipment	0
<b>83</b>	Ennore Sand (grade-I,II & III) each	Each-01 bag
<b>84</b>	<b>Core cutting machine Diesel operated / Electrical operated with barrel (30mm long) and diamond cutting Bit</b>	<b>1</b>
a	Extra 10cm dia diamond cutting edge (Bit) without Barrel	2
b	Extra 15cm dia diamond cutting edge (Bit) without barrel	3



**LIST OF LABORATORY EQUIPMENT**

85	Freeze Temperature Maintaining -25°C to 50°C	1
86	Calcium Carbide (Box)	2
87	Chiesel	5
88	Hammer	6
89	Air Blower	1
90	<b>Pressure Gauge</b>	
a	Pressure Gauge	1
b	Pressure Gauge	1
c	Pressure Gauge	1
d	Pressure Gauge	1



## Weather Report

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

<b>WEATHER REPORT November 2022- Khandoli Camp</b>								
Sl. No.	Date	Temperature °C		Humidity (%)		Rainfall (mm)	Cum.Rainfall (mm)	Weather Condition
		Max	Min	Max	Min			
1	1-Nov-22	34.60	19.80	80.00	30.00	0.00	2344.00	sunny clear
2	2-Nov-22	35.50	20.20	78.00	31.00	0.00	2344.00	sunny clear
3	3-Nov-22	36.00	21.00	81.00	29.00	0.00	2344.00	sunny clear
4	4-Nov-22	35.10	21.10	81.00	34.00	0.00	2344.00	sunny clear
5	5-Nov-22	36.20	21.30	81.00	29.00	0.00	2344.00	sunny clear
6	6-Nov-22	35.60	22.10	81.00	32.00	0.00	2344.00	sunny clear
7	7-Nov-22	36.10	21.90	81.00	27.00	0.00	2344.00	sunny clear
8	8-Nov-22	34.20	21.40	81.00	35.00	0.00	2344.00	sunny clear
9	9-Nov-22	34.20	20.90	81.00	36.00	0.00	2344.00	sunny clear
10	10-Nov-22	34.70	20.50	81.00	32.00	0.00	2344.00	sunny clear
11	11-Nov-22	33.50	20.60	79.00	35.00	0.00	2344.00	sunny clear
12	12-Nov-22	33.40	18.80	71.00	29.00	0.00	2344.00	sunny clear
13	13-Nov-22	34.70	19.00	72.00	29.00	0.00	2344.00	sunny clear
14	14-Nov-22	33.20	19.70	77.00	35.00	0.00	2344.00	sunny clear
15	15-Nov-22	34.50	19.20	80.00	30.00	0.00	2344.00	sunny clear
16	16-Nov-22	34.10	18.40	80.00	31.00	0.00	2344.00	sunny clear
17	17-Nov-22	33.20	17.20	72.00	27.00	0.00	2344.00	sunny clear
18	18-Nov-22	32.10	16.60	67.00	23.00	0.00	2344.00	sunny clear
19	19-Nov-22	32.20	16.30	72.00	25.00	0.00	2344.00	sunny clear
20	20-Nov-22	32.50	16.60	72.00	29.00	0.00	2344.00	sunny clear
21	21-Nov-22	31.90	15.40	73.00	29.00	0.00	2344.00	sunny clear
22	22-Nov-22	31.90	15.90	74.00	25.00	0.00	2344.00	sunny clear
23	23-Nov-22	32.00	16.40	73.00	29.00	0.00	2344.00	sunny clear
24	24-Nov-22	32.10	16.70	72.00	27.00	0.00	2344.00	sunny clear
25	25-Nov-22	31.20	16.50	65.00	32.00	0.00	2344.00	sunny clear
26	26-Nov-22	32.70	16.70	69.00	32.00	0.00	2344.00	sunny clear
27	27-Nov-22	33.10	17.00	73.00	29.00	0.00	2344.00	sunny clear
28	28-Nov-22	32.60	17.30	73.00	34.00	0.00	2344.00	sunny clear
29	29-Nov-22	32.80	17.80	72.00	34.00	0.00	2344.00	sunny clear
30	30-Nov-22	32.60	17.40	72.00	34.00	0.00	2344.00	sunny clear

## Photographs



DBM Work In Progress at ch. 359+350





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

REPORT #

MPR-15/Nov-2022



Monthly Progress Report



Work In Progress at Major Bridge ch. 352+281 A1 Side





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

REPORT #

MPR-15/Nov-2022



Monthly Progress Report



Work In Progress at Major Bridge ch. 352+281 A1 Side





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

REPORT #

MPR-15/Nov-2022



Monthly Progress Report



Work In Progress at Major Bridge ch. 352+281 A2 Side



Girder launching at Major Bridge Ch-359+936





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

REPORT #

MPR-15/Nov-2022



Monthly Progress Report



FDD checking at Ch. 351+150 GSB Top



UGPL pipe laying work in progress at Ch. 371+750





RE block casting and curing at camp casting yard





A 2 Pier cap casting at Ch. 364+746 VUP (LHS)



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

REPORT #

MPR-15/Nov-2022



Monthly Progress Report



Embankment Layer in progress





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

REPORT #

MPR-15/Nov-2022



Monthly Progress Report



WMM laying in progress



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

REPORT #

MPR-15/Nov-2022



Monthly Progress Report



GSB Top Rolling in progress





Fixing of Boundary wall work in progress at ch. 356+900





RE - wall Erection work at ch. 354+535 SVUP





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

REPORT #

MPR-15/Nov-2022



Monthly Progress Report



DBM Top Complete at Ch. 353+850



Work stopped by villagers due to non-receipt of payment from 363+000 to 371+700 in Malankaliya, Ranipura, Nani Bhadol & Gangadiya



## Photographs of work hampered











Work hampered at chainage – 364+746 VUP



Work hampered at chainage – 363+032 SVUP