

**National Highways Authority of India**  
(Ministry of Road Transport & Highways)

**PATEL DARAH-JHALAWAR HIGHWAY PRIVATE LIMITED**

**CONSTRUCTION OF 4-LANE ROAD ON NH-12 (NEW NH-52) FROM Km. 299.000 TO Km. 346.540 (DESIGN CHAINAGE 9.860 TO 58.740) (DARAH – JHALAWAR – TEENDHAR) IN THE STATE OF RAJASTHAN UNDER NHDP PHASE-III ON HYBRID ANNUITY PROJECT.**

**INDEPENDENT ENGINEER**

**LEA ASSOCIATES SOUTH ASIA PVT. LTD**

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**MONTHLY PROGRESS REPORT**

**For The Month of September-2018.**

## **Executive Summary**

The old National Highway 12 runs through two big states Rajasthan and Madhya Pradesh. The total length of the old NH- 12 was 897/00 Km. The length of Old NH 12 was 408/700 Km in the state of Rajasthan. Recently MORTH has amended the number and length of the National highways. The old NH 12 in the state of Rajasthan has become the part of the New National highway 52. The New NH 52 starting from its junction with NH-7 near Sangrur in the state of Punjab connecting Narwana, Hisar in the state of Haryana, Fatehpur, Jaipur, Tonk, Kota, Aklera in the state of Rajasthan, Rajgarh, Biora, Dewas, Indore, Sendhwa in the state of Madhya Pradesh, Dhule, Aurangabad, bed, Osmanabad, Solapur in the state of Maharashtra, Bijapur, Hubli and terminating at its junction with NH-66 near Ankola in the state of Karnataka.

The Project stretch Darah-Teendhar is connected to Jaipur at one end and it is connected to Bhopal at the other end. The project highway is very important highway as it connects the Capital of Rajasthan states and National capital of country through Jaipur- Delhi Highway.

The project highway is very important highway as it connects to two state Rajasthan and Madhya Pradesh. The Darah-Jhalawar-Teendhar section of National Highway has moderate traffic density. In addition to this there are few sections where alignment needs geometric improvements to maintain riding quality of highway and safe movement of vehicles. Apart from this the present alignment of NH is passing through various congested towns and villages. All of the above factors are demanding the existing 2-lane highway to be developed as 4-lane divided carriageway with bypass provisions in congested towns/ villages.

The Project Highway traverses through two districts viz. Kota and Jhalawar in Rajasthan State. The project study corridor starts at the end of ROB approach near to Darah at km 289+500 and passes through five major towns Darah, Sarvada, Dabadeh, Suket and Jhalawar, and it ends at Teendhar, Existing km 346.540 Km. Existing road width is 2 lane standard. The Existing ROW varies from 15 m to 30 m. The entire project length is under the administrative control of PIU Kota.

## Project Synopsis

National Highways Authority of India plans to undertake the Construction of 4-lane Road on NH-12 (New NH-52) from Km 299.000 to 346.540 (Design Chainage From 9.860 to 58.740) (Darah-Jhalawar-Teendhar section) in the State of Rajasthan under NHDP Phase-III on Hybrid Annuity Mode (Length 48.880 Km.) – Package II.

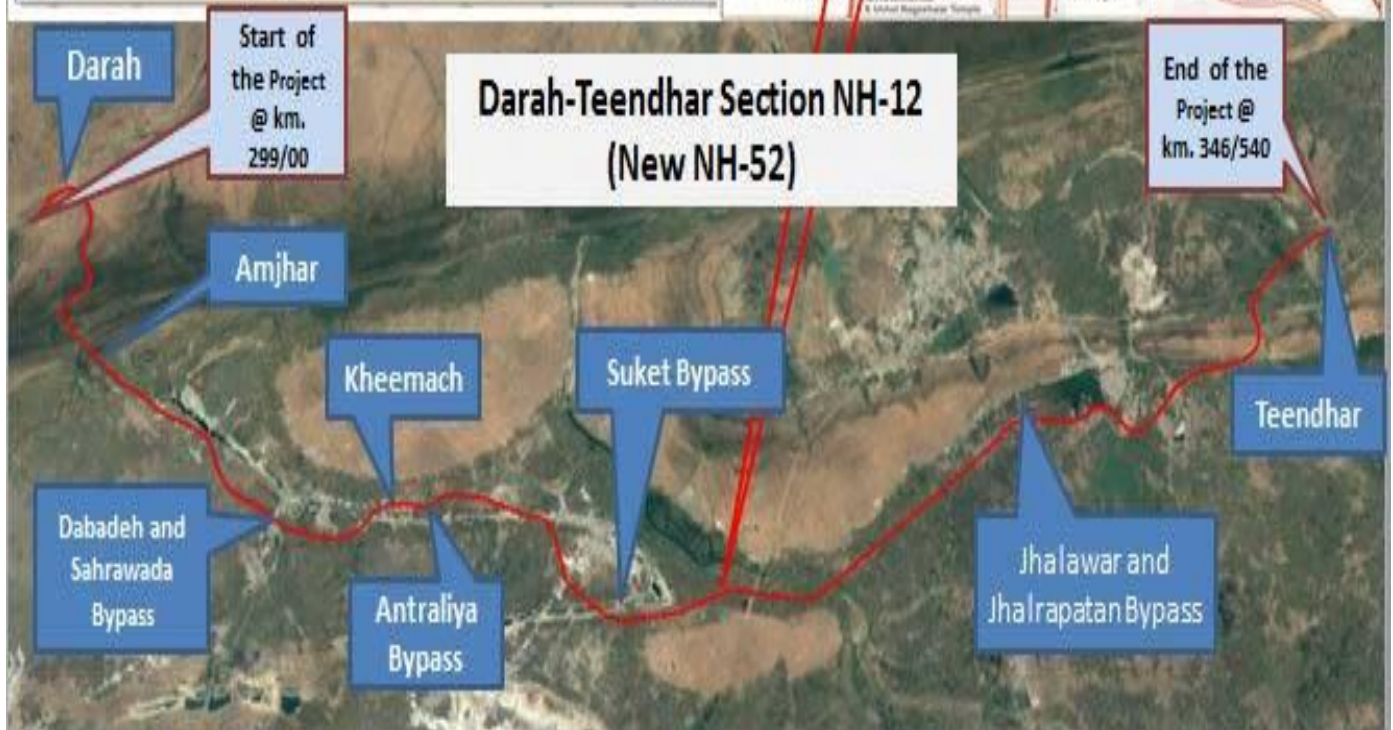
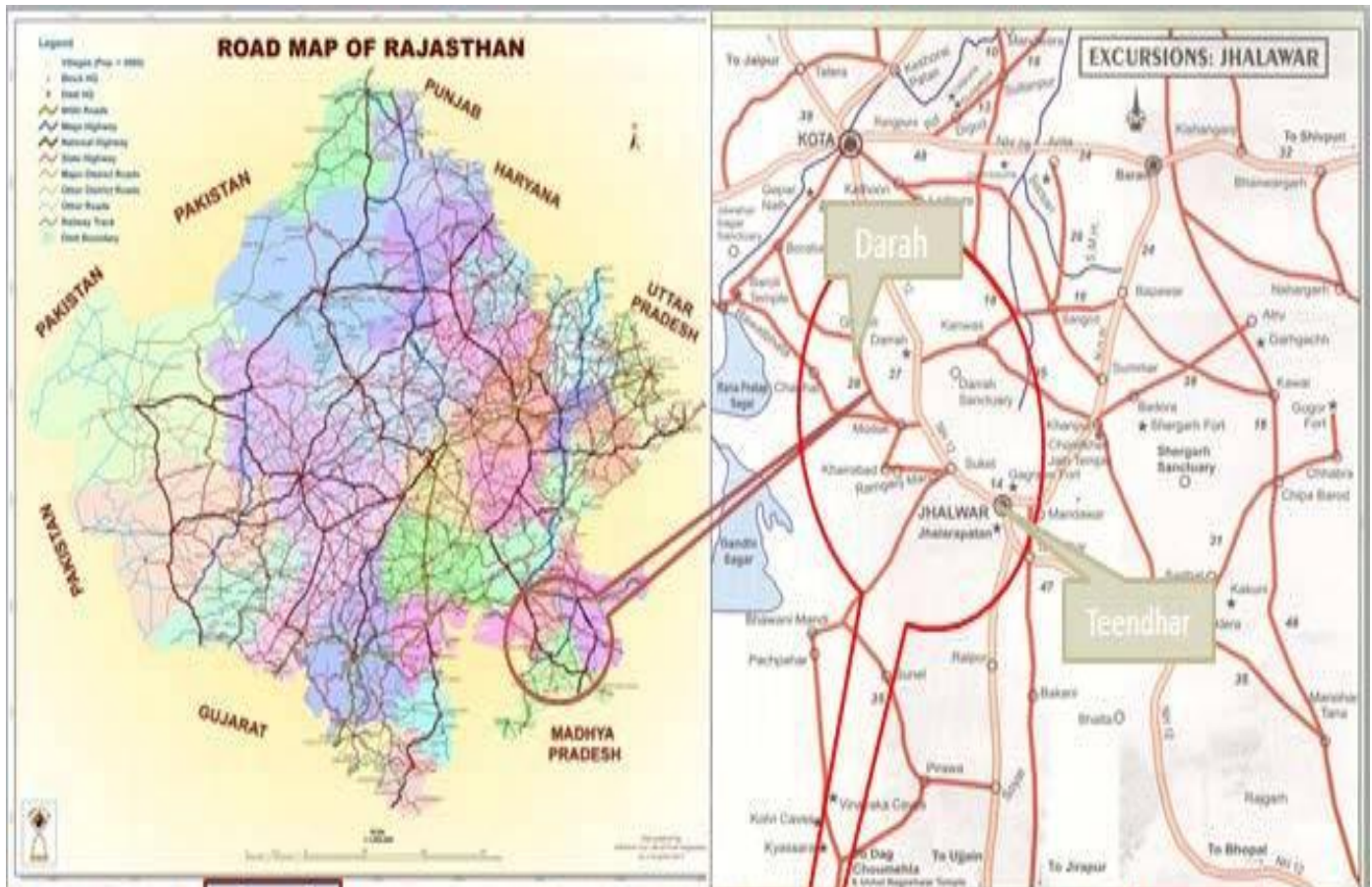
The National Highways Authority of India (NHAI) is undertaking the up-gradation of NH-12 from Existing two lane road to four lane divided carriageway in state of Rajasthan.

The project involves up gradation of 48.88 Km from two-lane to the four-lane divided carriageway. It includes the construction of bridges, intersections, service roads, culverts and related infrastructure, and the installation of signaling systems and signboards. The project will be developed under National Highways Development Project (NHDP) Phase-III on Hybrid Annuity Mode.

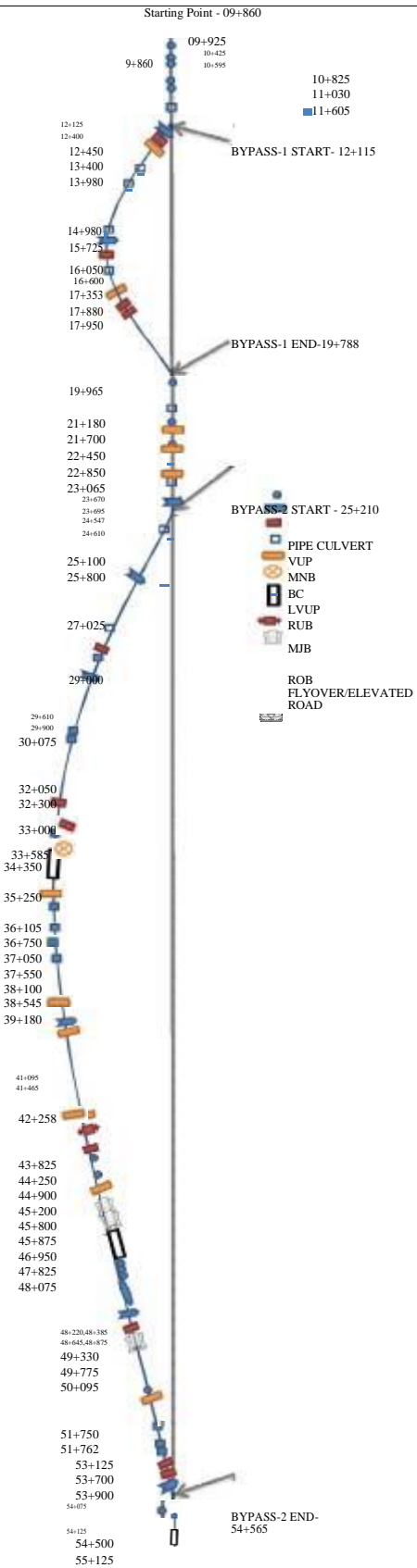
### Existing and Proposed alignment

SR. NO.	Existing Chainage (Km)		Length	Design Chainage (Km)		Design Length (Km)	Name of Revenue Village
	To	From		To	From		
1	299	299.34	0.34	9.86	10.2	0.34	KAMALPURA
2	299.34	299.74	0.4	10.2	10.6	0.4	KAMALPURA
3	299.74	300.14	0.4	10.6	11	0.4	KAMALPURA
4	300.14	300.44	0.3	11	11.3	0.3	KAMALPURA
5	300.44	300.778	0.338	11.3	11.638	0.338	KOOKARA KHURD
6	300.778	301.255	0.477	11.638	12.115	0.477	MANPURA
7	Dabadeh & Sahrawad a Bypass			12.115	12.3	0.185	MANPURA
8				12.3	13.028	0.728	ZALIMPURA
9				13.028	14.2	1.172	SAHRAWADA
10				14.2	15.661	1.461	TELYA KHERI
11				15.661	17.242	1.581	ASKALI
12				17.242	19.273	2.031	HIRIYA KHERI
13				19.273	19.788	0.515	KHEEMACH
14	308.203	308.515	0.312	19.788	20.1	0.312	KHEEMACH
15	308.515	308.715	0.2	20.1	20.3	0.2	KHEEMACH
16	308.715	308.915	0.2	20.3	20.5	0.2	ATRALIYA
17	308.915	309.079	0.164	20.5	20.664	0.164	ATRALIYA
18	Atraliya Realignment			20.664	21.682	1.018	ATRALIYA
19	310.007	310.125		21.682	21.8	0.118	ATRALIYA
20	310.125	310.325		21.8	22	0.2	ATRALIYA

SR. NO.	Existing Chainage (Km)		Length	Design Chainage (Km)		Design Length (Km)	Name of Revenue Village
21	310.325	310.444		22	22.119	0.119	GORDHANPURA
22	Atraliya Realignment			22.119	22.464	0.345	GORDHANPURA & PAMA KHERI
23	310.789	311.125		22.464	22.8	0.336	PAMA KHERI
24	311.125	311.494		22.8	23.169	0.369	PAMA KHERI
25	311.494	311.625		23.169	23.3	0.131	PAMA KHERI
26	311.625	311.776		23.3	23.451	0.151	PAMA KHERI
27	311.776	312.025		23.451	23.7	0.249	PAMA KHERI
28	312.025	312.725		23.7	24.4	0.7	DEENGASI
29	312.725	312.925		24.4	24.6	0.2	DEENGASI
30	312.925	313.025		24.6	24.7	0.1	DEENGASI
31	313.025	313.125		24.7	24.8	0.1	DEENGASI
32	313.125	313.37		24.8	25.045	0.245	DEENGASI
33	313.37	313.535		25.045	25.21	0.165	DEENGASI
34	342.895	343.673		25.21	25.254	0.044	DEENGASI
35	343.673	347.127		25.254	26.124	0.87	UMMEDPURA
36				26.124	27	0.876	RAMPURIYA
37				27	27.358	0.358	SUKET
38				27.358	27.854	0.496	BEER MANDI
39				27.854	28	0.146	SUKET
40				28	29.571	1.571	ARANYA KHURD
41				29.571	31.212	1.641	SURERA
42				31.212	33.617	2.405	BANSYA HERI
43				33.617	35.565	1.948	ARANYA KALAN
44	Suket,			35.565	36.1	0.535	KALMANDI
45	Jhalawar & Jhalrapatan Bypass			36.1	38	1.9	HARISH PURA
46				38	38.537	0.537	RALAYTI
47				38.537	40.343	1.806	RALAYTA
48				40.343	41.784	1.441	JHALRAPATAN
49				41.784	44.224	2.44	MADHOPUR
50				44.224	49.8	5.576	HARIPURA
51				49.8	51.434	1.634	HARIPURA,
52				51.434	52.516	1.082	BANJARI &
53				52.516	54.2	1.684	BHANWARSA
54				54.2	54.565	0.365	BHANWARSA
55	342.895	343.673		54.565	55.343	0.778	BHANWARSA
56	343.673	347.127		55.343	58.74	3.397	BHANWARSA & ROOPAREL



# KEY PLAN OF THE PROJECT



## PROJECT SUMMARY

Project	Construction of 4-lane Road on NH-12 New NH-52 from Km 299.000 to 346.540 Design Chainage From 9.860 to 58.740 Darah-Jhalawar-Teendhar Section in the State of Rajasthan under NHDP Phase-III Length 48.880 km Package II on Hybrid Annuity Mode.
Owner/Client	National Highways Authority of India
Concessionaire	Patel Darah Jhalawar Highway Pvt. Ltd.
Independent Engineer	LEA ASSOCIATE SOUTH ASIA PVT. LTD
Project Length (In Km)	48.88 Km
Total Project Cost as per CA	1123.63 Cr.
Concession Period	15 Years
Construction Period	910 Days from the Appointed Date.
Date of Signing of Concession Agreement	16 <sup>th</sup> November 2017
Appointed Date	24 <sup>th</sup> May 2018 (Letter ref. No. NHAI /19030/Dara-Teen/Raj/2016/1/120723 dated 09 <sup>th</sup> July 2018.

## 1.2 Project Overview

### 1.2.1 Structures

S. No.	Feature	Description
1	Major Bridge	02 Nos. – (13 x 25mtr) & (13 x 31.6mtr_2-Lane)
2	Elevated Flyover cum MJB	01 Nos. – (20 x 25mtr)
3	Flyovers/ Interchange	03 Nos. (1 Nos. – 4x25mtr.) (2 Nos. – 3 x 24mtr.)
4	ROB/ RUB	1/1 = 2 Nos.
5	Minor bridges	11 Nos.
6	Vehicular underpass	09 Nos. – (1x24mtr)
7	Light Vehicular Underpasses	13 Nos.
8	Culverts (HP/BC)	37 Nos. (16 Nos. Pipe / 21 Nos. Box)
9	RE Wall	14.454 Km
10	Toll Plaza	1 No (16 Lanes)
11	Truck Lay Bys	1 (Both side)
12	Bus Shelter	5 Nos (Both side)
13	Rest Area	1no



## Project Milestones

<b>Project Milestone</b>	<b>Condition</b>	<b>Time Line</b>	<b>Date</b>	<b>Financial Progress</b>
I	Commenced construction of Project and achieved 20% of Physical Progress	290 <sup>th</sup> Day from Appointed date	10 <sup>th</sup> March 2019	224.73 Cr.
II	Commenced construction of Project and achieved 35% of Physical Progress	430 <sup>th</sup> Day from Appointed date	28 <sup>th</sup> July 2019	393.29 Cr.
III	Commenced construction of all Project Facilities and achieved 75% of Physical Progress	690 <sup>th</sup> Day from Appointed date	13 <sup>th</sup> April 2020	842.76 Cr.
IV	Completion Of the Project	910 <sup>th</sup> Day from Appointed date	19 <sup>th</sup> Nov 2020	1123.68 Cr.

### 1.1 Summary of Progress

#### Summary of Progress (September 2018)

##### Highway Progress:

<b>Sr. No.</b>	<b>Item</b>	<b>Unit</b>	<b>Scope of work</b>	<b>Completed / Work in progress</b>	<b>Balance work</b>
1	C & G	Km	48.88	21.16	27.72
2	Earthwork	Km	48.88	11.86	37.02
3	Sub- Grade	Km	48.88	1.5	47.38
4	GSB	Km	48.88	1.5	47.38
5	DLC (MC)	Km	48.88	0.5	48.38
6	PQC (MC)	Km	48.88	0	48.88
7	Earthwork(SR)	Km	28.38	0.5	27.88
8	GSB(SR)	Km	28.38	0	28.38
9	WMM (SR)	Km	28.38	0	28.38
10	DBM (SR)	Km	28.38	0	28.38
11	BC (SR)	Km	28.38	0	28.38

### Structure Progress Status

Sl. No.	Structure Details:-	Unit	Scope	Completed	Work Started	Yet to be Work Started
1	Major Bridge	Nos	2	0	2	0
2	Elevated Road	Nos	1	0	1	0
3	Minor Bridge	Nos	11	0	1	10
4	Box Culvert	Nos	21	1	11	9
5	Pipe Culvert	Nos	16	4	9	3
6	Vehicular Underpass	Nos	9	0	5	4
7	Light Vehicular Underpass	Nos	13	0	4	9
8	Flyover	Nos	3	0	2	1
9	ROB	Nos	1	0	0	1
10	RUB	Nos	1	0	0	1
11	Drain	Km	28.38	0	0.540	27.84

**Financial Progress Achieved upto 30<sup>th</sup> September 2018- Rs. 87.10 Crs i.e 7.75%**

**Financial S- Curve attached at the end**

## Utility Shifting Progress

24-05-2018 is the Appointed Date for the project. 85% of the land measuring to Km 41.548 has been handed over by the Authority. 15% of land is balance due to presence of structures, religious structure and other land related issues.

1. Permission for cutting of trees on Government land and forest land received. Cutting of trees in progress. Ref. no 1594 dated 03 / 05 / 2018 (Jhalawar) & 1837-44 dated 22/05/2018(Kota)
2. Stage II clearance of Forest Land Received.
3. Electrical Utilities estimate approved in both district Kota & Jhalawar vide letter 41010 & 41011 1/2016- Kota / US – Electric- Kota and Jhalawar / Package-2/7077 dated 24 th August 2018. Work for shifting of electrical utilities under progress. 30% shifting completed
4. Water Pipelines Estimate is approved vide letter no. \_41024 / 1 / 2016- Kota/ US - PHED- Kota / Pkg-II/ 6998 dated 16-08 2018 and 41025 /\_1 / 2016- Kota / US /6997 dated 16-08-2018 Shifting work in progress.
5. HT line have been identified and submitted to concerned Department for preparation of estimate. Approval pending.

**Details of numbers and length are as below: -**

SI No	Utility	Length/No.	Status	Balance	Present Status
1	Electric Poles	741Nos	279	462	Shifting work in progress
2	Water Pipe Line (km)	25.50 Km	0.8	24.7	Approved, Pipe procurement/ shifting is in progress
3	HT Line Crossing	4 nos			Under estimation
4	Trees	7822 Nos.	3900 Nos.	3922	Cutting in progress

### Status of Conditions precedent

a	Provided Performance Security to the Authority	Submitted
b	Executed and procured execution of Escrow Agreement	Submitted. Vide this office letter no. PDJHPL / NHAI / FC / 039 .2018 Dt. 21-05-2018.
c	Executed and procured execution of Substitution Agreement	Submitted. Vide this office letter no. PDJHPL / NHAI / FC / 039 .2018 Dt. 21-05-2018.
d	Procure all Applicable Permits as per Schedule -E	Obtained/ under progress
e	Executed Financing Agreements and delivered 3 copies duly attested by Director of the Concessionaire	Submitted. Vide this office letter no. PDJHPL / NHAI / FC / 039 .2018 Dt. 21-05-2018
f	Delivered to Authority 3 true copies of Financial Package and Financial Model duly attested by Director of the Concessionaire	Submitted. Vide this office letter no. PDJHPL / NHAI / FC / 039 .2018 Dt. 21-05-2018..
g	Delivered to Authority from Selected Bidder its respective confirmation in original of the correctness of their representations and warranties set forth in Sub Clause (k), (l) and (m) of Clause 7.1 of CA	Submitted
h	Environment	Done
i	Forest Land	Stage –II Clearance obtained
j	Wild Life	NA

<b><u>Status of Railway Approvals</u></b>				
<b>Proposal Descri</b>	<b>Status</b>	<b>Leng th</b>	<b>Current Stage</b>	<b>Issues/ Comments</b>
1) Rail ROB/)	GAD of ROB Approved	-	Detailed design and drawing submitted for approval of railways.	
2) RUB	GAD of ROB Approved		Detailed design and drawing under preparation.	

**ISSUES OF CONCERN: -**

- 1) DLC issue from Km- 16+ 710 to 19+760, 32+410 to 36 + 260 and 51+900 to 52+500(Haripura). The land is yet to be taken under possession.
- 2) Disbursement of payment for structures in both the districts Kota and Jhalawar yet to be done. Because of non-removal of these hindrances the progress of electrical and water line shifting is affected. Continuity cannot be maintained. After disbursement of payment, it will take at-least 2-3 months for physical removal of these hindrance. After removal of these structures, shifting of electrical and water utilities can be taken up.
- 3) Valuation of private trees in Jhalawar district yet to be finalized. Ramganjmandi payment has been released to CALA, but disbursement to the affected is still pending.
- 4) Approval of estimate for shifting of HT line Crossing yet to be done
- 5) 3A of missed plots in Jhalawar district is pending. 3D of missed plots, Toll Plaza & rest area is pending in Ramganjmandi dispute.

**MONTHLY PROGRESS REPORT**  
**Lab Test Report for the month September- 2018**

Sr. No.	Name of Test	Number of Tests Conducted								
		Up To Previous Month			This Month			Total upto Date		
		Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Cum. No. of Test
1	Free Swell Index	302	0	302	0	0	0	302	0	302
2	Grain Size Analysis	302	0	302	0	0	0	302	0	302
3	Plasticity Index	302	0	302	0	0	0	302	0	302
4	Max. Dry Density	302	0	302	0	0	0	302	0	302
5	CBR	0	0	0	0	0	0	0	0	0
6	Density of Comp.Layer	2050	46	2096	80	0	80	2130	126	2176
1	Free Swell Index	506	0	506	42	0	42	548	42	548
2	Grain Size Analysis	506	0	506	42	0	42	548	42	548
3	Plasticity Index	506	0	506	42	0	42	548	42	548
4	Max. Dry Density	506	0	506	42	0	42	548	42	548
5	CBR	28	0	28	1	0	1	29	1	29
1	Density of Comp.Layer (Emb.)	6840	52	6892	110	6	116	6950	162	7008
2	Density of Comp. Layer (Sub grade & Earthen shoulder)	310	0	310	0	0	0	310	0	310
1	Sieve Analysis	12	0	12	0	0	0	12	0	12
2	Plasticity Index	9	0	9	0	0	0	9	0	9
3	Max. Dry Density	2	0	2	0	0	0	2	0	2
4	CBR	1	0	1	0	0	0	1	0	1
5	Water Absorption	1	0	1	0	0	0	1	0	1
6	AIV	2	0	2	0	0	0	2	0	2
7	Density of Comp. Layer	12	0	12	0	0	0	18	0	18
1	Sieve Analysis of CA	164	0	108	27	0	0	191	27	108

Sr. No.	Name of Test	Number of Tests Conducted								
		Up To Previous Month			This Month			Total upto Date		
		Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Cum. No. of Test
2	Sieve Analysis of FA	111	0	83	27	0	0	138	27	83
3	Aggregate Impact Value	63	0	35	27	0	0	90	27	35
4	Flakiness Index	63	0	35	27	0	0	90	27	35
5	Silt Content	60	0	60	0	0	0	60	0	60
6	Specific Gravity & W A	10	0	10	0	0	0	10	0	10
1	M15 7 Days	26	0	26	3	0	3	29	0	29
	28 Days	45	0	45	6	0	6	51	0	51
2	M20 Kerb 7 Days	0	0	0	0	0	0	0	0	0
	28 Days	0	0	0	0	0	0	0	0	0
	M20 7 Days	12	0	12	0	0	0	12	0	12
	28 Days	18	0	18	0	0	0	18	0	18
3	M25 7 Days	53	0	53	3	0	3	56	0	56
	28 Days	66	0	66	21	0	21	87	0	87
4	M30 7 Days	51	0	51	3	0	3	54	0	54
	28 Days	74	0	74	18	0	18	92	0	92
5	M35 7 Days	57	0	57	9	0	9	66	0	66
	28 Days	107	0	107	30	0	30	137	0	137
6	M35 Pile 7 Days	43	0	43	15	0	15	58	0	58
	28 Days	76	0	76	27	0	27	103	0	103
7	M35 RE block 7 Days	5	0	5	40	0	40	45	0	45
	28 Days	45	0	45	99	0	99	144	0	144
8	M40 7 Days	44	0	44	6	0	6	50	0	50
	28 Days	51	0	51	24	0	24	75	0	75
9	M45 7 Days	35	0	35	9	0	9	44	0	44
	28 Days	48	0	48	24	0	24	72	0	72

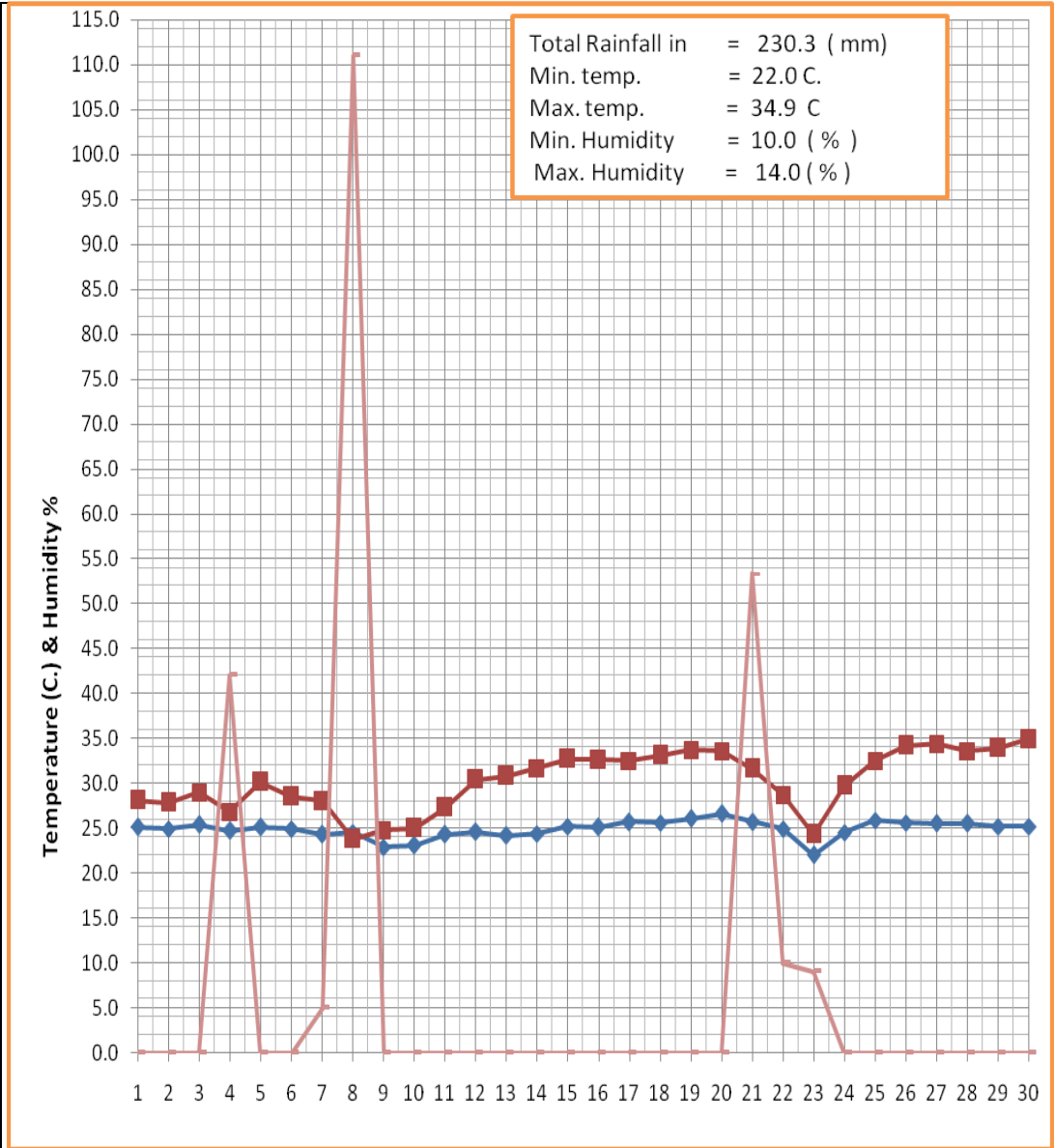
Sr. No.	Name of Test	Number of Tests Conducted								
		Up To Previous Month			This Month			Total upto Date		
		Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Cum. No. of Test
10	M50 7 Days	0	0	0	0	0	0	0	0	0
	28 Days	0	0	0	0	0	0	0	0	0
11	M40 PQC 7 Days	17	0	17	21	0	21	38	0	38
	28 Days	42	0	42	27	0	27	69	0	69
12	M40 PQC Fl. Strength 7 Days	11	0	11	3	0	3	14	0	14
	28 Days	28	0	28	3	0	3	31	0	31
13	DLC 7 Days	10	0	10	15	0	15	25	0	25
14	DLC FDD	12	0	12	30	0	30	42	0	42
1	M15 7 Days	115	0	115	7	0	7	122	7	122
	28 Days	226	0	226	35	0	35	261	35	261
2	M20 Kerb 7 Days	0	0	0	0	0	0	0	0	0
	28 Days	0	0	0	0	0	0	0	0	0
3	M25 7 Days	9	0	9	19	0	19	28	19	28
	28 Days	2	0	2	22	0	22	24	22	24
4	M30 7 Days	38	0	38	11	0	11	49	11	49
	28 Days	64	0	64	31	0	31	95	31	95
5	M35 7 Days	133	0	133	39	0	39	172	39	172
	28 Days	144	0	144	165	0	165	309	165	309
6	M35 Pile 7 Days	37	0	37	0	0	0	37	0	37
	28 Days	40	0	40	0	0	0	40	0	40
7	M35 RE block 7 Days	65	0	65	45	0	45	110	45	110
	28 Days	92	0	92	138	0	138	230	138	230
8	M40 7 Days	0	0	0	0	0	0	0	0	0
	28 Days	0	0	0	0	0	0	0	0	0
9	M45 7 Days	0	0	0	0	0	0	0	0	0



Sr. No.	Name of Test	Number of Tests Conducted								
		Up To Previous Month			This Month			Total upto Date		
		Passed	Failed	Total No. of Test	Passed	Failed	Total No. of Test	Passed	Failed	Cum. No. of Test
	28 Days	0	0	0	0	0	0	0	0	0
10	M50 7 Days	0	0	0	0	0	0	0	0	0
	28 Days	0	0	0	0	0	0	0	0	0
11	M40 PQC 7 Days	0	0	0	0	0	0	0	0	0
	28 Days	0	0	0	0	0	0	0	0	0
12	M40 PQC Flexural Strength 7 Days	0	0	0	0	0	0	0	0	0
	28 Days	0	0	0	0	0	0	0	0	0
13	DLC 7 Days	0	0	0	0	0	0	0	0	0
1	Fineness	17	0	17	5	0	5	22	0	22
2	Consistency	17	0	17	5	0	5	22	0	22
3	Setting Time	17	0	17	5	0	5	22	5	22
4	Soundness	7	0	7	0	0	0	7	0	7
5	Compressive Strength									
	a) 3 Days	17	0	17	5	0	5	22	5	22
	b) 7 Days	17	0	17	5	0	5	22	5	22
	c) 28 Days	16	0	16	5	0	5	21	5	21

### WEATHER REPORT (Month of September - 2018)

Sl. No.	Date	Temperature C		Rainfall (mm)
		Min. Temp. (°C)	Max. Temp. (°C)	
1	01-09-18	25.1	28.1	0.0
2	02-09-18	24.9	27.8	0.0
3	03-09-18	25.4	29.0	0.0
4	04-09-18	24.7	26.8	42.0
5	05-09-18	25.1	30.1	0.0
6	06-09-18	24.9	28.5	0.0
7	07-09-18	24.3	28.0	5.0
8	08-09-18	24.5	23.8	111.0
9	09-09-18	22.9	24.8	0.0
10	10-09-18	23.1	25.0	0.0
11	11-09-18	24.3	27.3	0.0
12	12-09-18	24.6	30.4	0.0
13	13-09-18	24.2	30.8	0.0
14	14-09-18	24.4	31.7	0.0
15	15-09-18	25.2	32.7	0.0
16	16-09-18	25.1	32.6	0.0
17	17-09-18	25.7	32.5	0.0
18	18-09-18	25.6	33.1	0.0
19	19-09-18	26.1	33.7	0.0
20	20-09-18	26.6	33.6	0.0
21	21-09-18	25.7	31.6	53.3
22	22-09-18	24.9	28.7	10.0
23	23-09-18	22.0	24.3	9.0
24	24-09-18	24.5	29.7	0.0
25	25-09-18	25.9	32.5	0.0
26	26-09-18	25.6	34.2	0.0
27	27-09-18	25.5	34.4	0.0
28	28-09-18	25.5	33.6	0.0
29	29-09-18	25.2	33.9	0.0
30	30-09-18	25.2	34.9	0.0



### Status of Design Mixed and source approval

Sr.no.	Outgoing Letter NO.	Date of submission	Description	Approval letter no.	Date of approval
1	PDJHPL/PIU/CLO-179/2018/129	13.07.2018	Submission of Mix Design	LASA/Conces sionaire/DJ/IE/ 2018/0003	21.08.2018
	PDJHPL/PIU/CLO-179/2018/129	13.07.2018	M-15(PCC Work) with flyash		
	PDJHPL/PIU/CLO-179/2018/129	13.07.2018	M-25(RCC Work) with flyash		
	PDJHPL/PIU/CLO-179/2018/129	13.07.2018	M-30(RCC Work) with flyash		
	PDJHPL/PIU/CLO-179/2018/129	13.07.2018	M-35(RCC Work) with flyash		
	PDJHPL/PIU/CLO-179/2018/129	13.07.2018	M-35(Pile Work with flyash		
2	PDJHPL/PIU/CLO-179/2018/095	04.07.2018	RCC RE Block(M-35) Ultratech Cement with flyash		
	PDJHPL/PIU/CLO-179/2018/095	04.07.2018	RCC RE Block(M-35) Ultratech Cement		
	PDJHPL/PIU/CLO-179/2018/095	04.07.2018	M-15(PCC Work) Ultratech Cement		
	PDJHPL/PIU/CLO-179/2018/095	04.07.2018	M-25(RCC Work) Ultratech Cement		
	PDJHPL/PIU/CLO-179/2018/095	04.07.2018	M-30(RCC Work) Ultratech Cement		
	PDJHPL/PIU/CLO-179/2018/095	04.07.2018	M-35(RCC Work) Ultratech Cement		
	PDJHPL/PIU/CLO-179/2018/095	04.07.2018	M-35(Pile Work) Ultratech Cement		
	PDJHPL/PIU/CLO-179/2018/095	04.07.2018	M-40(RCC Work) Ultratech Cement		
3	PDJHPL/PIU/CLO-179/2018/047	13.06.2018	Submission of Mix Design of Concrete from Ultratech & Mangalam Cement	LASA/Conces sionaire/DJ/IE/ 2018/0003	21.08.2018
	PDJHPL/PIU/CLO-179/2018/047	13.06.2018	M-35 RE Block ( Ultratech & Mangalam cement )		
	PDJHPL/PIU/CLO-179/2018/047	13.06.2018	M-35 with flyash RE Block ( Ultratech & Mangalam cement )		
	PDJHPL/PIU/CLO-179/2018/047	13.06.2018	M-15 PCC		
	PDJHPL/PIU/CLO-179/2018/047	13.06.2018	M-25 RCC		
	PDJHPL/PIU/CLO-179/2018/047	13.06.2018	M-30 RCC		
	PDJHPL/PIU/CLO-179/2018/047	13.06.2018	M-35 RCC		
	PDJHPL/PIU/CLO-179/2018/047	13.06.2018	M-35 Pile work		
4	PIL/CAMP/DJT/NHAI/2018-04/08	26.04.2018	Submission of Company profile & credential for the D.P. Wires		
5	PIL/CAMP/DJT/NHAI/2018-04/09	26.04.2018	Submission of Company profile & credential for the Shyam, Electrosteel and Premier Steel		

Sr.no.	Outgoing Letter NO.	Date of submission	Description	Approval letter no.	Date of approval
6	PDJHPL/NHAI/DJT/2018/019	12.03.2018	Submission of Company profile & credential for the Rashtriya Ispat Nigam Ltd (Vizag Steel), Nilkanth Steel Pvt.ltd. ,Steel authority of India limited (SAIL) ,Jindal steel & power limited ,Rashmi group ,Madhav Alloys Pvt.limited	LASA/Concessionaire/DJ/IE/2018/17	30.08.2018
7	PDJHPL/PIU/CLO-179/2018/094	04.07.2018	Submission of Company Profile & Credential for RAMA TMT		
8	PIL/CAMP/DJP/N HAI/2018 -04 / 063	21.06.2018	Submission of construction material for testing.		
9	PIL/CAMP/DJP/N HAI/2018 -04 / 063	21.06.2018	Steel Dia 20mm JSW Steel (Fe-5.50D)		
10	PIL/CAMP/DJP/N HAI/2018 -04 / 063	21.06.2018	Steel - Dia 12,25 & 32mm SAIL (Fe-500D)		
11	PDJHPL/NHAI/DJT/2018/013	26.02.2018	Submission of Company profile & credential for the Birla Corporation Limited , Mangalam Cement Limited , Wonder cement Limited . Ultrtech cement Limited , Vadraj cement . Shree cement Limited	LASA/Concessionaire/DJ/IE/2018/14	28.08.2018
12	PIL/CAMP/DJT/NHAI/2018-04/01	26.04.2018	Submission of Company profile & credential for the BASF India Ltd.for Admixture,Grout and joint Sealant , Unirock Chemicals (Admixture) , Tikitar Ltd. For Joint Sealant	LASA/Concessionaire/DJ/IE/2018/016	30.08.2018
13	PDJHPL/NHAI/DJT/2018/020	22.03.2018	Submission of Company profile & credential for Admixture and curing compound ,Kunal conchem pvt.ltd.,National Chemicals Industries, Rheoplast technology pvt.ltd.,Molecules Conchem Pvt ltd.,Grout and joint Sealant ,STPLimited & Chembond Chemicals Ltd.		
14	PIL/CAMP/DJP/N HAI/2018 -04 / 063	21.06.2018	Admixture - PC 100R ( Kunal Industries )		
15	PDJHPL/PIU/CLO-179/2018/095	04.07.2018	Submission of Mix Design		
16	PDJHPL/PIU/CLO-179/2018/095	04.07.2018	DLC Flyash		
17	PDJHPL/PIU/CLO-179/2018/095	04.07.2018	DLC without Flyash		
18	PIL/CAMP/DJP/N HAI/2018 -04 / 063	21.06.2018	GSB ( Julmi PIL Crusher )		
19	PIL/CAMP/DJP/N HAI/2018 -04 / 069	23.06.2018	Submission of construction material for testing.		

Sr.no.	Outgoing Letter NO.	Date of submission	Description	Approval letter no.	Date of approval
20	PIL/CAMP/DJT/NHAI/2018-04/06	26.04.2018	Submission of Company profile & credential for the IOCL (Bitumen) ,HPCL (Bitumen) ,ESSAR (Bituman) , GP global (Emulsions) , HINCOL (Emulsions) Total oil India pvt ltd. (Emulsions)	LASA/Concessionaire/DJ/IE/2018/020 Bitumen& 19 for Emulsion	31.08.208
21	PIL/CAMP/DJT/NHAI/2018-04/02	26.04.2018	Submission of Company profile & credential for the SGG spun pipes		
22	PIL/CAMP/DJT/NHAI/2018-04/03	26.04.2018	Submission of Company profile & credential for the TIKIDAN Danosa India		
23	PIL/CAMP/DJT/NHAI/2018-04/04	26.04.2018	Submission of Company profile & credential for the KANTAFLEX India Pvt.ltd. (Elastomeric & Pot bearing)		
24	PIL/CAMP/DJT/NHAI/2018-04/05	26.04.2018	Submission of Company profile & credential for the Dynamic Prestress (I) Pvt Ltd.		
25	PIL/CAMP/DJT/NHAI/2018-04/07	26.04.2018	Submission of Company profile & credential for the Amitek Infra ( Thermoplastic Road Marking Paint )	LASA/Concessionaire/DJ/IE/2018/018	30.08.2018
26	PDJHPL/NHAI/DJT/2018/021	22.03.2018	Submission of Company profile & credential for the Nakoda spun pipes		
27	PDJHPL/NHAI/DJT/2018/022	22.03.2018	Submission of Laboratory profile & credentials for the Star wire INDIA Pvt., Third party, Hind Heat		
28	PDJHPL/PIU/CLO-179/201 8/047	21.06.2018	Submission of Gompany Profile & Gredential for source approval of Hercules Bridge Bearings & Bridge Expansion Joints		
29	PDJHPL/PIU/CLO-179/201 8/096	04.07.2018	Submission of Company Profile & Gredential for Arihant Prefab		
30	PDJHPL/PIU/CLO-179/201 8/100	05.07.2018	Submission of Gompany profile & Gredeniir for M.E. Testing Laboratory		
31	PDJHPL/PIU/CLO-179/201 8/101	05.07.2018	Submission of Company Profile & Credential for Maruti Bitumin Pvt. Ltd		
32	PDJHPL/PRJ/TEC/CLO-179/2018/ 022	02.06.2018	Submission of profite,Credentials & Basic design report on RE walls		
33	PDJHPL/PIU/D/2018/032	16.04.2018	Submission of Quality assurance Plan		
34	PDJHPL/PIU/CLO-179/201 8/043	13.06.2018	Submission of Mix Design of Granular Sub-Base		
35	PDJHPL/PIU/CLO-179/201 8/044	13.06.2018	Submission of Summary of OGL test results		
36	PDJHPL/PIU/CLO-179/201 8/045	13.06.2018	Submission of Galibration Certificate of Batching Plant & Lab Equipments		
37	PDJHPL/PIU/CLO-179/201 8/046	13.06.2018	Submission of Third party test reports of the material related to the project		
38	PDJHPL/PIU/CLO-179/201 8/108	06.07.2018	Submission of Borrow Area - 1,3,6,7,9,10,11,12,14,15,17,18,20,21,22,23, 24,26,27,29,30,31,32,33,34 & 35		

<b>Sr.no.</b>	<b>Outgoing Letter NO.</b>	<b>Date of submission</b>	<b>Description</b>	<b>Approval letter no.</b>	<b>Date of approval</b>
39	PDJHPL/PIU/CLO-179/2018/122	10.07.2018	Testing for C & O Value of soil samples of Borrow area No. 1 & 22		
40	PDJHPL/PIU/CLO-179/2018/110	07.07.2018	Submission of Company Profile & Credential for Earthcon Systems Pvt. Ltd		
41	PDJHPL/PIU/CLO-179/2018/111	07.07.2018	Submission of Construction Design (Geogrid Reinforced Soil Wall)		
42	PDJHPL/PIU/CLO-179/2018/056	18.06.2018	Submission of Petrographic Test Report of Coarse Aggregate		

## Status of submitted Drawings

S.No	Type of Structure	Scope in Nos	No. of Drawing Submitted	Vide Letter No.	Date	Proof Check	Remarks
1	Pipe Culvert	16	R0-16 Nos.	PDJHPL/PIU/D/016/2018	27.02.2018	NIL	
				PDJHPL/PIU/CLO-179/2018/146	23.07.2018	NIL	
			R1-8 Nos.	PDJHPL/PIU/CLO-179/2018/146	23.07.2018	NIL	
2	Box Culvert	21	R0-20 Nos.	PDJHPL/PIU/D/016/2018	27.02.2018	NIL	
				PDJHPL/PIU/CLO-179/2018/093	04.07.2018	NIL	
				PDJHPL/PIU/CLO-179/2018/041	12.06.2018	NIL	
				PDJHPL/PIU/CLO-179/2018/037	07.06.2018	NIL	
			R1-5 Nos.	PDJHPL/PIU/CLO-179/2018/093	04.07.2018	NIL	
				PDJHPL/PIU/CLO-179/2018/137	18.07.2018	NIL	
				PDJHPL/PIU/CLO-179/2018/138	18.07.2018	NIL	
				PDJHPL/PIU/CLO-179/2018/228	22.08.2018	NIL	
3	Minor Bridge	11	R0-10 Nos.	PDJHPL/PIU/D/016/2018	27.02.2018	NIL	
				PDJHPL/PIU/CLO-179/2018/137	18.07.2018	NIL	
				PDJHPL/PIU/CLO-179/2018/146	23.07.2018	NIL	
				PDJHPL/PIU/CLO-189/2018/191	09.08.2018	NIL	
			R1-05 Nos	PDJHPL/PIU/CLO-179/2018/037	07.06.2018	NIL	
				PDJHPL/PIU/CLO-179/2018/137	18.07.2018	NIL	
				PDJHPL/IE/ICO-181/2018/317	29.09.2018	NIL	
4	Major Bridge	2	R0-02 Nos	PDJHPL/PIU/D/034/2018	19.04.2018	NIL	
			R1-02 Nos	PDJHPL/PIU/CLO-179/2018/037 01 Nos. (Letter -119 date- 09.07.2018) (Proof Checked)	07.06.2018	1 set	
				PDJHPL/PIU/CLO-179/2018/072	25.06.2018		
5	Elevated Road	1	R1-01 Nos	PDJHPL/PIU/CLO-179/2018/037 01 Nos. (Letter -119 date- 09.07.2018) (Proof Checked)	07.06.2018	1 set	
6	VUP	9	R0-09 Nos	PDJHPL/PIU/D/018/2018	12.03.2018		
				PDJHPL/PIU/D/014/2018	27.02.2018		
				Letter No- 041 (IIT Certified Copy)	12.06.2018	1 set	
			R1-06 Nos	Letter No- 041 (IIT Certified Copy) 06 Nos. (Letter -158 date- 28.07.2018)	12.06.2018	1 set	
				06 Nos. (Letter -188 date- 08.08.2018)			

S.No	Type of Structure	Scope in Nos	No. of Drawing Submitted	Vide Letter No.	Date	Proof Check	Remarks
7	LVUP	13	R0-13 Nos	PDJHPL/PIU/D/016/2018	27.02.2018	NIL	
				PDJHPL/PIU/CLO-179/2018/067	22.06.2018	NIL	
			R1-06 Nos	PDJHPL/PIU/CLO-179/2018/067	22.06.2018	NIL	
8	FlyOver	3	R0-01 Nos	PDJHPL/PIU/D/034/2018	19.04.2018	NIL	
			R1-03 Nos	PDJHPL/PIU/CLO-179/2018/115	09.07.2018	NIL	
9	ROB	1	R1-01 Nos	PDJHPL/PIU/CLO-179/2018/118 01 Nos. (Letter-118 date- 09.07.2018) Proof Checked)	09.07.2018	1 set	
	RUB	1	R1-01 Nos	PDJHPL/PIU/TEC/CLO- 179/2018/019 Hard Copy of Trecing Paper Drawing	31.05.2018	1 set	
	<b>Total</b>	<b>78</b>					



## Mobilization of Manpower

Name of the Employee		Designation		Department
Amit	Garg	General Manager		Technical
Atul Kumar	Mishra	Project Manager		Technical
Rajesh	Chaturvedi	Dy. Project Manager		SPV
Rajesh	Raval	Material Engineer		SPV
Ranjay Kumar	Anju	Dy. Project Manager		Planning & Billing
Devesh	Pandey	Dy. Project Manager		QA/QC
Brijkishor	Ramsewak	Engineer		QA/QC
Sheikh Irfanul	Hodda	Dy. Project Manager		Highway
Sajjan Lal	Sharma	Dy. Project Manager		Structure
Manvendra	Singh	Dy. Project Manager		Structure
Kuldeep singh	Shivnathsingh	Sr.Surveyor		Survey
Shubhash	Kumar	Sr.Manager		Mechanical
Dayanand	Prakash	Engineer		Health & Safety
Ravi Kishore Pandey	Dinanath Pandey	Sr.Accountant		Finance & Accounts
Ashok Kumar	Walia	Accountant		Finance & Accounts
Gajendra	Rathod	Dy. Manager (Stores)		Store
Bhagwan	Jha	Manager		Purchase
<b>HR &amp; ADMIN DEPARTMENT</b>				
Sr. Executive		2	Nos	HR & Admin
Executive		1	Nos	HR & Admin
Jr.Executive		1	Nos	HR & Admin
Office Boy		6	Nos	HR & Admin
<b>PLANNING &amp; BILLING DEPARTMENT</b>				
Sr.Engineer		2	Nos	Planning & Billing
Engineer		1	Nos	Planning & Billing
Asst. Engineer		2	Nos	Planning & Billing
<b>QA/QC DEPARTMENT</b>				
Sr. Lab Technician		2	Nos	QA/QC
Lab Technician		9	Nos	QA/QC
Engineer		2	Nos	QA/QC
Jr.Engineer		3	Nos	QA/QC
<b>HIGHWAY DEPARTMENT</b>				
Sr. Engineer		4	Nos	Highway
Engineer		1	Nos	Highway
Asst. Engineer		2	Nos	Highway
Jr.Engineer		6	Nos	Highway
Engineer Trainee		4	Nos	Highway
Supervisor		7	Nos	Highway
<b>STRUCTURE DEPARTMENT</b>				
Sr. Engineer		4	Nos	Structure
Engineer		7	Nos	Structure
Jr.Engineer		2	Nos	Structure
Engineer Trainee		3	Nos	Structure
Sr.Supervisor		1	Nos	Structure
Supervisor		3	Nos	Structure
Jr.Supervisor		2	Nos	Structure

<b>SURVEY DEPARTMENT</b>			
Sr. Surveyor	1	Nos	Survey
Surveyor	10	Nos	Survey
Jr.Surveyor	4	Nos	Survey
Helper	10	Nos	Survey
<b>STORE DEPARTMENT</b>			
Sr. Executive	1	Nos	Store
Executive	10	Nos	Store
Helper	3	Nos	Store
<b>WEIGH BRIDGE</b>			
Executive	1	Nos	Weigh Bridge
Jr.Executive	13	Nos	Weigh Bridge
<b>PURCHASE DEPARTMENT</b>			
Dy.Manager	1	Nos	Purchase
Sr.Executive	1	Nos	Purchase
Jr.Executive	1	Nos	Purchase
<b>HEALTH &amp; SAFETY DEPARTMENT</b>			
Executive	1	Nos	Health & Safety
	1	Nos	Health & Safety
<b>IT DEPARTMENT</b>			
Sr.Executive	1		IT
Executive	1		IT
<b>MECHANICAL DEPARTMENT</b>			
Sr. Engineer	2	Nos	Mechanical
Engineer	1	Nos	Mechanical
Asst. Engineer	2	Nos	Mechanical
Asst.Tyre Fitter	1	Nos	Mechanical
Jr.Engineer	3	Nos	Mechanical
Jr.Executive	3	Nos	Mechanical
Engineer Trainee	2	Nos	Mechanical
Supervisor	17	Nos	Mechanical
Driver	59	Nos	Mechanical
Operator / Helper / Mechanic	115	Nos	Mechanical
<b>SPV DEPARTMENT</b>			
Dy.Manager	1	Nos	SPV
Sr.Executive	1	Nos	SPV
Engineer Trainee	1	Nos	SPV

### Mobilization of Resources (Plant and Machineries)

S. No	Name of Machinery	Nos of Equipments	Remarks
1	Excavator	21	
2	Hywa / Tipper	74	
3	Soil Compactor	18	
4	Dozer	3	
5	Water Tanker	18	
6	Diesel Dispenser	5	
7	Grader	6	
8	Loader	9	
9	Back Hoe	7	
10	Transit Mixer	9	
11	Crusher	2	
12	Concrete Batching Plant	4	
13	Weigh Bridge	6	
14	WMM Plant	2	
15	Hydra Crane	5	
16	Hot Mix Plant	1	
17	Concrete Pump	1	
18	Sand Classifier	1	
19	Tractor	5	
20	Tower Light	6	
21	DG Set	13	
22	Light Vehicle	35	
23	Trailer	2	
24	Concrete Boom Placer	1	
25	Baby Tandem Roller	1	
26	Mobile Service Van	1	

## Site Progress Photo



**IE inspecting the Pile Work**



**IE is inspecting P-2 Pier cap Reinforcement**



**Girder Reinforcement at CH 36+070 MJBR**



**Raft & Wall of LVUP at Ch.37+050**



**GIRDER Reinforcement Checking at Ch.47+ 650**



**Bed Compaction Complete for LVUP Ch. 42+263**







**Sampling of RE Wall Blocks by Team Leader at Eartcon Plant**





**Checking Of Drain Bed Level**



**EARTH WORKS- FDD Checking at Ch.53+050**



**Earthwork at Ch.53+700**



**Service Road Excavation at Ch.25+100**



**Embankment Layer at Ch.22+100**



**Safety Work at Site Work**



**Safety Work at Site Work**



**Safety Work at Site Work**



**Safety Work at Site Work**



**Safety Work at Site Work**