

**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**

---

**MONTHLY PROGRESS REPORT**

**For The Month of March-2020**

## **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 states 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.

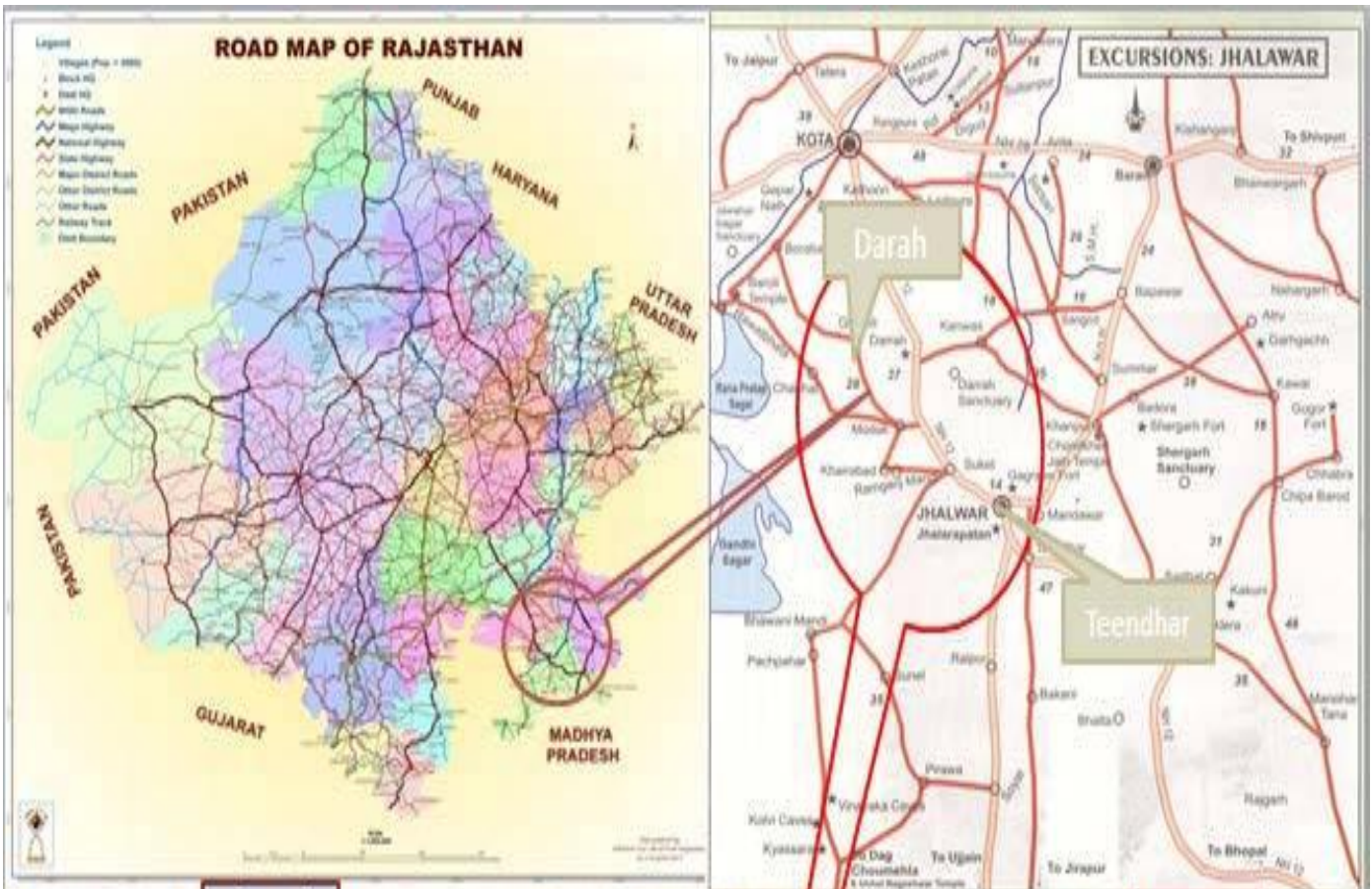
The National Highways Authority of India (NHAI) is undertaking the up-gradation of NH-12 from Existing two lane road to four lane divided carriageway in state of Rajasthan.

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	299.000	299.340	0.340	9.860	10.200	0.340	KAMALPURA
2	299.340	299.740	0.400	10.200	10.600	0.400	KAMALPURA
3	299.740	300.140	0.400	10.600	11.000	0.400	KAMALPURA
4	300.140	300.440	0.300	11.000	11.300	0.300	KAMALPURA
5	300.440	300.778	0.338	11.300	11.638	0.338	KOOKARA KHURD
6	300.778	301.255	0.477	11.638	12.115	0.477	MANPURA
7	Dabadeh&Sahrawada Bypass			12.115	12.300	0.185	MANPURA
8				12.300	13.028	0.728	ZALIMPURA
9				13.028	14.200	1.172	SAHRAWADA
10				14.200	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	20.100	0.312	KHEEMACH
15	308.515	308.715	0.200	20.100	20.300	0.200	KHEEMACH
16	308.715	308.915	0.200	20.300	20.500	0.200	ATRALIYA
17	308.915	309.079	0.164	20.500	20.664	0.164	ATRALIYA
18	Atraliya Realignment			20.664	21.682	1.018	ATRALIYA
19	310.007	310.125		21.682	21.800	0.118	ATRALIYA
20	310.125	310.325		21.800	22.000	0.200	ATRALIYA
21	310.325	310.444		22.000	22.119	0.119	GORDHANPURA

SR. NO.	Existing Chainage (Km)		Length	Design Chainage (Km)		Design Length (Km)	Name of Revenue Village
22	Atraliya Realignment			22.119	22.464	0.345	GORDHANPURA & PAMA KHERI
23	310.789	311.125		22.464	22.800	0.336	PAMA KHERI
24	311.125	311.494		22.800	23.169	0.369	PAMA KHERI
25	311.494	311.625		23.169	23.300	0.131	PAMA KHERI
26	311.625	311.776		23.300	23.451	0.151	PAMA KHERI
27	311.776	312.025		23.451	23.700	0.249	PAMA KHERI
28	312.025	312.725		23.700	24.400	0.700	DEENGASI
29	312.725	312.925		24.400	24.600	0.200	DEENGASI
30	312.925	313.025		24.600	24.700	0.100	DEENGASI
31	313.025	313.125		24.700	24.800	0.100	DEENGASI
32	313.125	313.370		24.800	25.045	0.245	DEENGASI
33	313.370	313.535		25.045	25.210	0.165	DEENGASI
34				25.210	25.254	0.044	DEENGASI
35				25.254	26.124	0.870	UMMEDPURA
36				26.124	27.000	0.876	RAMPURIYA
37				27.000	27.358	0.358	SUKET
38				27.358	27.854	0.496	BEER MANDI
39				27.854	28.000	0.146	SUKET
40				28.000	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	36.100	0.535	KALMANDI
45	Jhalawar&Jhalrapatan Bypass			36.100	38.000	1.900	HARISH PURA
46				38.000	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	2.440	MADHOPUR
50				44.224	49.800	5.576	HARIPURA
51				49.800	51.434	1.634	HARIPURA,
52				51.434	52.516	1.082	BANJARI &
53				52.516	54.200	1.684	BHANWARSA
54				54.200	54.565	0.365	BHANWARSA
55	342.895	343.673		54.565	55.343	0.778	BHANWARSA
56	343.673	347.127		55.343	58.740	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_3-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) as per CA Additional	37 Nos. (16 Nos. Pipe / 21 Nos. Box) (28 Nos Pipe and 2 nos Box) Total- 44 Nos Pipe and 23 nos Box Culvert
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	393.27 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	842.72 Cr.
IV	Completion Of the Project	910 <sup>th</sup> Day from Appointed date	19 <sup>th</sup> Nov 2020	1123.63 Cr.

## Payment Milestones

<b>Project Milestone</b>	<b>Condition</b>	<b>Status</b>
I	Commenced construction of Project and achieved 10% of Physical Progress	Achieved on 20 <sup>th</sup> Dec 2018
II	Commenced construction of Project and achieved 30% of Physical Progress	Achieved on 31 <sup>st</sup> August 2019
III	Commenced construction of all Project Facilities and achieved 50% of Physical Progress	
IV	Commenced construction of all Project Facilities and achieved 75% of Physical Progress	
V	Commenced construction of all Project Facilities and achieved 90% of Physical Progress	

### Progress Status as per submitted Programme

Sr.No	Item	Unit	Scope of work as per schedule -B	Planned upto Mar-2020	Progress Achieved upto Feb-2020	This Month Progress	Cumulative Progress	Program for the month of Apr-2020
<b>Highway Progress ( Km.)</b>								
1	C & G	Km	46.25	45.5	44	0	44	0
2	Embankment	Km	46.25	35	26	2	28	4
3	Subgrade	Km	46.25	31	23.5	2.5	26	5
4	G.S.B	Km	46.25	24	22	2.5	24.5	5
5	D.L.C	Km	46.25	23	18	2	20	4
6	P.Q.C	Km	46.25	19	17	2	19	4
<b>Structure Progress: (No.s)</b>				0			0	
1	HPC		16+28=44	44	40	1	41	0
2	BC		21+2=23	23	20	0	20	1
3	MNB		11	9.5	8.5	0.5	9	0.5
4	MJB		2	0.7	0.6	0.3	0.9	0.2
5	VUP		9	7	3.5	0	3.5	2
6	LVUP		13	13	11	0.5	11.5	1
7	Elevated		1	0.8	0.8	0	0.8	0.1
8	ROB		1	0	0	0	0	0.2
9	RUB		1	0	0	0	0	0.2
10	Flyover		3	1.75	1	0.4	1.4	0.25

1. Physical Progress Planned upto Mar -2020:-**65.00%**
2. Physical Progress achieved upto Feb-2020:-**44.15%**
3. Physical progress achieved in Month of Mar-2020:-**2.87%**
4. Cumulative physical progress upto Mar-2020:-**47.02%**

**Due COVID- 19,Corana effect and Lock down all over the India, complete execution work shut down from 22<sup>nd</sup> March 2020 to 14<sup>th</sup> April 2020.**

## 1.1 Summary of Progress

### Summary of Progress (March-2020)

#### Highway Progress:

Sr. No.	Item	Unit	Scope of work	Completed / Work in progress	Balance work
1	C & G	Km	46.25	44	2.25
2	Embankment Top	Km	46.36	28	18.36
3	Sub- Grade	Km	46.36	25	21.36
4	GSB	Km	46.36	23.5	22.86
5	DLC (MC)	Km	46.36	19.5	26.86
6	PQC (MC)	Km	46.36	18.5	27.86
7	Embankment(SR)	Km	28.38	4.1	24.28
8	Sub- Grade(SR)	Km	28.38	4	24.38
9	GSB(SR)	Km	28.38	3.5	24.88
10	WMM (SR)	Km	28.38	3.5	24.88
11	DBM (SR)	Km	28.38	2.5	25.88
12	BC (SR)	Km	28.38	0	28.38

**Structure Progress Status:-**

Sl. No.	Structure Details:-	Unit	Scope	Completed	Work in progress	Balance	Remarks
1	Major Bridge	Nos	2	0	2	0	75% Achieved
2	Elevated Road	Nos	1	0	1	0	85% Achieved
3	Minor Bridge	Nos	11	8.9	1.1	0	1 no. deleted
4	Box Culvert	Nos	23	20	2	1	2 (Additional)
5	Pipe Culvert	Nos	45	40	5		29(Additional)
6	Vehicular Underpass	Nos	9	3.5	5.5	0	
7	Light Vehicular Underpass	Nos	13	11	1	1	
8	Flyover	Nos	3	0	3	0	75% Achieved
9	ROB	Nos	1	0	1	0	20% Achieved
10	RUB	Nos	1	0	1	0	
11	Drain	Km	28.38	19	2	7.38	

**1. Physical progress Achieved upto 31<sup>st</sup> Mar-2020- 47.02%**

**2. Financial Progress Achieved upto 31<sup>st</sup> Mar-2020- 52.21% (586.65CrS)**

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

Due COVID- 19,Corana effect and Lock down all over the India, complete execution Work shut down from 22<sup>nd</sup> March 2020 to 14<sup>th</sup> April 2020.

## 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 forestland received. Cutting of trees in progress. Ref. no 1594 dated 03 / 05 / 2018 (Jhalawar) &1837-44 dated 22/05/2018(Kota)
2. 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<sup>th</sup> August 2018. Work for shifting of electrical utilities under progress.Work is balance in existing alignment due to presence of structure.
3. 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. Work balance only in stretches having LA related issues.
4. Estimate approved. Material received at site for execution. Survey done with department for finalizing locations of new tower. Land acquisition plan for towers initiated to Authority, who in turn have notified department for compensation report.

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

SI No	Utility	Length/No	Completed	Balance	Present Status/ Remarks
1	Electric Poles	741Nos	733	08	Work balance only in stretches having LA related issues. Payment to owners to be expedited.
2	Water Pipe Line (km)	21 Km	20.175	0.825	Work balance only in existing road alignment only. Payment to land owners to be expedited by concerned authorities.
	Crossings	45 Nos.	45	0	
3	HT Line Crossing	6nos	0	6	Material procured at site. Survey related to crop compensation is completed by concerned authorities. Award approval is awaited from NHAI.
4	Trees	8156 Nos.	7925Nos.	231	Cutting in progress

**Tree Cutting Status:-**

S. No.	District	Category		Nos.	Status			Trees Cut	Balance to be cut	Remarks
					Cutting Permission	Approval Letter No.	Date			
1	Kota	Govt Trees	All	465	Yes	Revenue-III/2018/1837-44	22.05.2018	402	63	
		Private Trees	Fruit	2797	Yes	No.41002/2016-kota/L.A/Ramganjmandi/pkg-2/6243	17.04.2018	2797	0	Disbursement in progress
			Fruitless	1280	Yes			1235	45	
2	Jhalawar	Govt Trees	All	972	Yes	Revenue/18/1594,1861 & 2868	03.05.2018, 25.05.2018 & 06.11.2018	972	0	429 tree cutting approval vide letter no. 2868 dated 06.11.2018
		Private Trees	Fruit	1836	Yes	No.41003/2016-kota/L.A/Jhalawar/pkg-2/6242	17.04.2018	1738	98	Award finalized
			Fruitless	702	Yes			677	25	Disbursement in progress
		Forest		104	yes	F-14()2017/Jhalawar Road/FCA/1998	19.04.2018	104	0	
3	<b>TOTAL</b>			8156				7925	231	97%

1) Total No. of trees increased from 7727 to 8156 Nos. because of 429 trees along existing alignment added between Km.54.000 to 58.740. These trees have been cut.

**Status of Conditions precedent**

a	Provided Performance Security to the Authority	Released on 26.08.2019
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
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 Clearance	Done
i	Forest Land Clearance	Stage –II Clearance obtained
j	Wild Life Clearance	NA

**Status of Railway Approvals**

Proposal Description	Status	Length Impacted	Current Stage	Issues/ Comments
Rail ROB (Ch.44+158)	GAD of ROB Approved CRS obtained	-	Detailed design and drawing Approved by Railways.	Substructure Work in Progress.
RUB (Ch.33+585)	GAD of RUB Approved	-	Detailed design and drawing Approved by Railways. Work permission received on date 02.12.2019	Thrustbed work in progress

**ISSUES OF CONCERN: -**



1. (a) DLC issue from Km-

- **CH: 51+700 to 52+100** :Land payment disbursed. Payment for trees, Boundary wall is pending. Survey done in Nov 2019.

(b) Court Case Chainages : Possession of following chainages is balance because of pending cases in SDM court.

Sr no.	Chainage		Length (M)
	From	To	
1	11+100	11+700	600
2	41+200	41+300	100
	<b>Total</b>		<b>700</b>

1. Disbursement for structures in both the districts Kota & Jhalawar is under progress. Structures in Jhalawar district have been removed. The process of payment in Kota district is very slow. Structures are pending in Kamalpura, Kukdakhurd&Dhingsi village. Because of non-removal of these hindrances the progress of electrical and water line shifting is affected, continuity of work fronts cannot be maintained. After disbursement of payment, it will take at least 4-5 months for physical removal of these hindrance and shifting of utilities. The progress of L.A disbursement in Ramganjmandi (Kota district) is very poor and needs to be expedited in order to maintain the continuity of work fronts. Discontinuity of work stretches is having a direct impact on progress of work.
2. Approval of estimate for shifting of HT crossing done. Material procured at site. Survey related to crop compensation is completed by concerned authorities. Award approval is awaited from NHAI.
3. 3A of missing plots in Jhalawar district is pending, though work has been taken up in the affected stretches.
4. Disbursement of payment of religious structure within PROW is yet to be done (Jhalawar District).
5. **Award of left over structures / trees is pending for payment in Ramganj mandi tehsil (Kota District) &Jhalawar District.**
6. The details of hindrances is attached as **Annexure-I**.

**QUALITY ASSURANCE & LAB MONTHLY PROGRESS REPORT**  
**MONTH OF MARCH -2020**

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
<b>OGL &amp; Cutting soil</b>										
1	Free Swell Index	317	0	317	0	0	0	317	0	317
2	Grain Size Analysis	317	0	317	0	0	0	317	0	317
3	Plasticity Index	317	0	317	0	0	0	317	0	317
4	Max. Dry Density	317	0	317	0	0	0	317	0	317
5	CBR	6	0	6	0	0	0	6	0	6
6	Density of Comp.Layer	6126	143	5983	125	0	125	6251	143	6108
<b>Borrow Area (Embankment &amp; Subgrade)</b>										
1	Free Swell Index	1733	42	1643	65	0	65	1798	42	1708
2	Grain Size Analysis	1733	42	1643	65	0	65	1798	42	1708
3	Plasticity Index	1733	42	1643	65	0	65	1798	42	1708
4	Max. Dry Density	1749	42	1659	68	0	68	1817	42	1727
5	CBR	351	28	324	20	0	20	371	28	344
<b>Earthwork Field test</b>										
1	Density of Comp.Layer (Emb.)	49788	417	45542	2502	7	2509	52290	424	48051
2	Density of Comp.Layer (Sub grade & Earthen shoulder)	7094	65	6934	758	15	773	7852	80	7707
<b>GSB</b>										
1	Sieve Analysis	302	0	299	25	0	25	327	0	324
2	Plasticity Index	299	0	296	25	0	25	324	0	321
3	Max. Dry Density	4	0	4	0	0	0	4	0	4
4	CBR	2	0	2	0	0	0	2	0	2
5	Water Absorption	2	0	2	0	0	0	2	0	2
6	AIV	3	0	3	0	0	0	3	0	3
7	Density of Comp.Layer	880	17	865	152	0	152	1032	17	1017
<b>WMM</b>										
1	Sieve Analysis	6	0	6	12	0	12	18	0	18
2	Plasticity Index	6	0	6	12	0	12	18	0	18
3	Aggregate Impact Value	6	0	6	10	0	10	16	0	16
4	Combined F.I & E.I.	6	0	6	10	0	10	16	0	16
5	Max. Dry Density	0	0	0	0	0	0	0	0	0

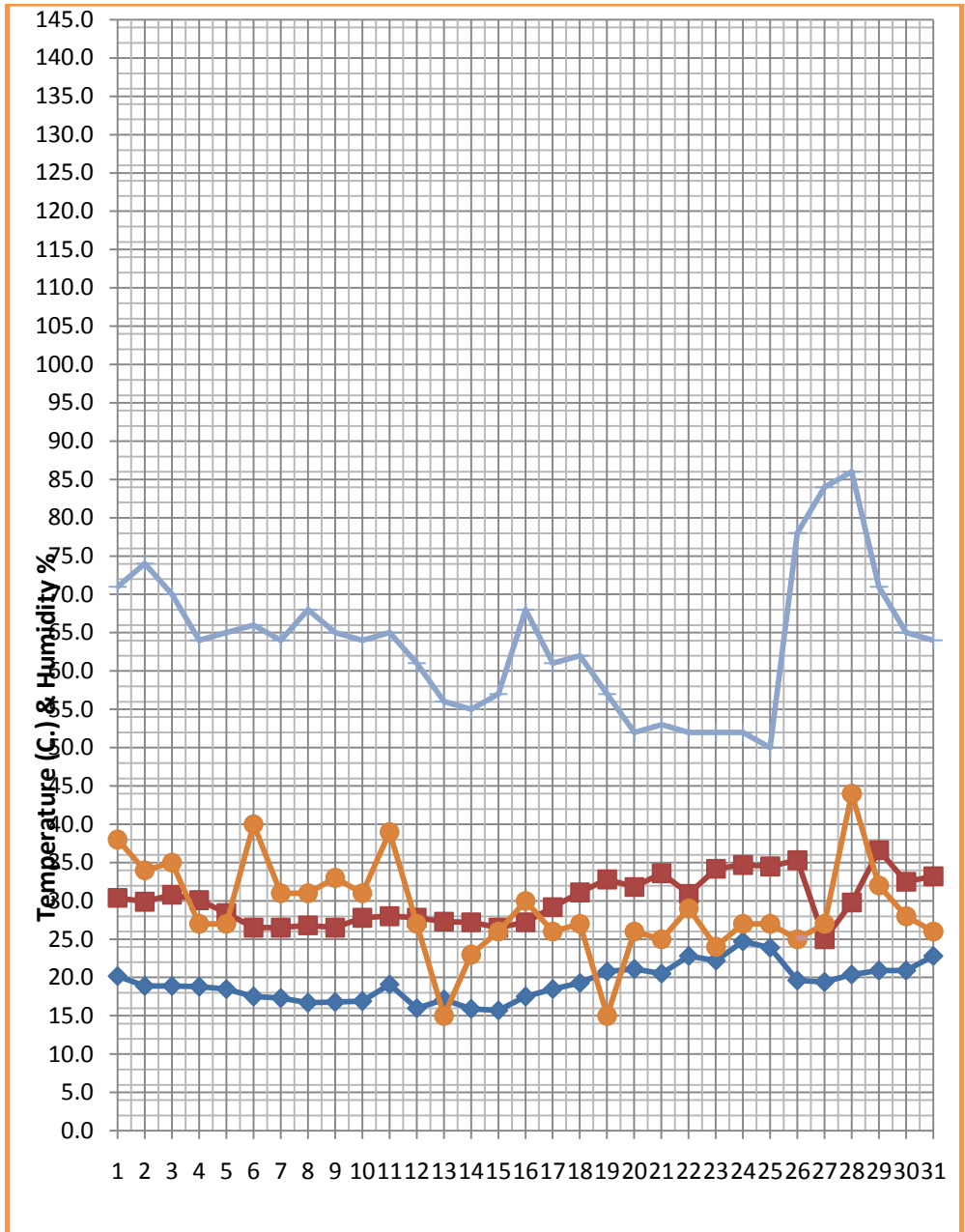
6	Density of Comp.Layer	22	0	22	32	0	32	54	0	54	
7	Water Absorption	0	0	0	0	0	0	0	0	0	
8	Soundness Test	0	0	0	0	0	0	0	0	0	
<b>DBM</b>											
1	Aggregate Impact Value	8	0	8	5	0	5	13	0	13	
2	Flakiness & Elongation	7	0	7	5	0	5	12	0	12	
3	Mix Grading	13	0	13	10	0	10	23	0	23	
4	Individual Grading	15	0	15	0	0	0	15	0	15	
5	Stability of Mix	21	0	21	15	0	15	36	0	36	
6	Binder Content & Grading Mix	7	0	7	15	0	15	22	0	22	
7	Density of Compacted layer	4	0	4	10	0	10	14	0	14	
8	Gmm Test	7	0	7	5	0	5	12	0	12	
<b>PHYSICAL PROPERTIES OF AGGREGATE FOR CONCRETE</b>											
1	Sieve Analysis of CA	1086	0	1030	51	0	51	1137	0	1081	
2	Sieve Analysis of FA	1033	0	977	51	0	51	1084	0	1028	
3	Sieve Analysis of DLC	134	0	133	15	0	15	149	0	148	
4	Sieve Analysis of PQC	176	0	169	13	0	13	189	0	182	
5	Aggregate Impact Value	1126	0	1062	70	0	70	1196	0	1132	
6	Flakiness Index	1126	0	1062	70	0	70	1196	0	1132	
7	Silt Content	309	0	309	0	0	0	309	0	309	
8	Specific Gravity & W A	17	0	17	0	0	0	17	0	17	
<b>Concrete Mix Design (cube sets)</b>											
1	M15	7 Days	40	0	40	0	0	0	40	0	40
		28 Days	68	0	66	0	0	0	68	0	66
2	M20 Kerb	7 Days	16	0	13	3	0	3	19	0	16
		28 Days	20	0	17	6	0	6	26	0	23
	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	67	0	67	0	0	0	67	0	67
		28 Days	108	0	106	0	0	0	108	0	106
4	M30	7 Days	68	0	68	0	0	0	68	0	68
		28 Days	12	0	123	0	0	0	12	0	123
5	M35	7 Days	134	0	132	6	0	6	140	0	138
		28 Days	228	0	225	9	0	9	237	0	234
6	M35 Pile	7 Days	69	0	69	3	0	3	72	0	72
		28 Days	142	0	140	0	0	0	142	0	140

7	M35 RE block 7 Days	45	0	45	0	0	0	45	0	45
	28 Days	144	0	144	0	0	0	144	0	144
8	M40 7 Days	72	0	72	3	0	3	75	0	75
	28 Days	115	0	113	0	0	0	115	0	113
9	M45 7 Days	59	0	58	0	0	0	59	0	58
	28 Days	113	0	108	0	0	0	113	0	108
10	M50 7 Days	0	0	0	0	0	0	0	0	0
	28 Days	2	0	2	0	0	0	2	0	2
11	M40 PQC 7 Days	147	0	145	5	0	5	152	0	150
	28 Days	229	0	223	5	0	5	234	0	228
12	M40 PQC Fl. Strength 7 Days	108	0	106	3	0	3	111	0	109
	28 Days	129	0	123	3	0	3	132	0	126
13	DLC 7 Days	79	0	79	22	0	22	101	0	101
14	Grouting	6	0	6	0	0	0	6	0	6
<b>Field Concrete (cube sets)</b>										
1	M15 7 Days	1491	0	1403	312	0	312	1803	0	1715
	28 Days	2242	0	2088	458	0	458	2700	0	2546
2	M20 Kerb 7 Days	78	0	71	30	0	30	108	0	101
	28 Days	108	0	101	18	0	18	126	0	119
3	M25 7 Days	2200	0	1956	432	0	432	2632	0	2388
	28 Days	2926	0	2593	647	0	647	3573	0	3240
4	M30 7 Days	270	0	263	12	0	12	282	0	275
	28 Days	492	0	485	35	0	35	527	0	520
5	M35 7 Days	2412	0	2175	714	0	714	3126	0	2889
	28 Days	5789	0	5288	1506	0	1506	7295	0	6794
6	M35 Pile 7 Days	92	0	86	42	0	42	134	0	128
	28 Days	143	0	135	56	0	56	199	0	191
7	M35 RE block 7 Days	814	0	798	60	0	60	874	0	858
	28 Days	2614	0	2560	42	0	42	2656	0	2602
8	M40 7 Days	128	0	109	154	0	154	282	0	263
	28 Days	105	0	93	210	0	210	315	0	303
9	M45 7 Days	76	0	60	24	0	24	100	0	84

		28 Days	197	0	166	73	0	73	270	0	239
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	447	0	403	38	0	38	485	0	441
		28 Days	415	0	363	15	0	15	430	0	378
12	M40 PQC Flexural Strength	7 Days	465	0	421	38	0	38	503	0	459
		28 Days	433	0	381	15	0	15	448	0	396
13	DLC	7 Days	318	0	308	9	0	9	327	0	317
14	DLC	FDD	675	0	670	25	0	25	700	0	695
<b>Cement</b>											
1	Fineness		124	0	117	11	0	11	135	0	128
2	Consistency		124	0	117	11	0	11	135	0	128
3	Setting Time		124	0	117	11	0	11	135	0	128
4	Soundness		104	0	97	11	0	11	115	0	108
5	Compressive Strength										
	a) 3 Days		220	0	213	24	0	24	244	0	237
	b) 7 Days		218	0	210	24	0	24	242	0	234
	c) 28 Days		232	0	224	18	0	18	250	0	242

### WEATHER REPORT (Month of March-2020)

Sl. No.	Date	Temperature C		Humidity %		Rainfall (mm)	Climate
		Min. Temp. (°C)	Max. Temp. (°C)	Min.	Max.		
1	01-03-20	20.2	30.4	38.0	71.0		Clear
2	02-03-20	18.9	29.9	34.0	74.0		Clear
3	03-03-20	18.9	30.8	35.0	70.0		Clear
4	04-03-20	18.8	30.1	27.0	64.0		Clear
5	05-03-20	18.5	28.4	27.0	65.0		Clear
6	06-03-20	17.5	26.5	40.0	66.0		Clear
7	07-03-20	17.3	26.5	31.0	64.0		Clear
8	08-03-20	16.7	26.8	31.0	68.0		Clear
9	09-03-20	16.8	26.5	33.0	65.0		Clear
10	10-03-20	16.9	27.8	31.0	64.0		Clear
11	11-03-20	19.1	28.0	39.0	65.0		Clear
12	12-03-20	16.0	27.8	27.0	61.0		Clear
13	13-03-20	17.1	27.3	15.0	56.0		Clear
14	14-03-20	15.9	27.2	23.0	55.0		Clear
15	15-03-20	15.7	26.5	26.0	57.0		Clear
16	16-03-20	17.5	27.2	30.0	68.0		Clear
17	17-03-20	18.5	29.2	26.0	61.0		Clear
18	18-03-20	19.3	31.1	27.0	62.0		Clear
19	19-03-20	20.8	32.8	15.0	57.0		Clear
20	20-03-20	21.1	31.8	26.0	52.0		Clear
21	21-03-20	20.5	33.6	25.0	53.0		Clear
22	22-03-20	22.8	30.9	29.0	52.0		Clear
23	23-03-20	22.2	34.2	24.0	52.0		Clear
24	24-03-20	24.7	34.7	27.0	52.0		Clear
25	25-03-20	23.9	34.5	27.0	50.0		Clear
26	26-03-20	19.6	35.3	25.0	78.0	25.2	Rain
27	27-03-20	19.4	25.0	27.0	84.0		Clear
28	28-03-20	20.4	29.8	44.0	86.0		Clear
29	29-03-20	20.9	36.6	32.0	71.0		Clear
30	30-03-20	20.9	32.5	28.0	65.0		Clear
31	31-03-20	22.8	33.2	26.0	64.0		Clear



## 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/Concessionaire/D J/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-179/2018/047	13.06.2018	Submission of Mix Design of Concrete from Ultratech&Mangalam Cement	LASA/Concessionaire/D J/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		
3	PIL/CAMP/DJT/NHAI/2018-04/08	26.04.2018	Submission of Company profile & credential for the D.P. Wires	LASA/Concessionaire/D arah- Jhalawar/IE/2018/191	08.12.2018
4	PIL/CAMP/DJT/NHAI/2018-04/09	26.04.2018	Submission of Company profile & credential for the Shyam, Electrosteel and Premier Steel		
5	PDJHPL/NHAI/DJT/2018/019	12.03.2018	Submission of Company profile & credential for the Rashtriyaspats 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/D J/IE/2018/17 and 58, 59 (10.09.2018)	30.08.2018
7	PIL/CAMP/DJP/N HAI/2018 -04 / 063	21.06.2018	Submission of construction material for testing.		
8	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)		
10	PDJHPL/NHAI/DJT/2018/013	26.02.2018	Submission of Company profile & credential for the Birla Corporation Limited ,Mangalam Cement Limited , Wonder cement Limited . Ultratech cement Limited ,Vadraj cement . Shree cement Limited	LASA/Concessionaire/D J/IE/2018/14	28.08.2018
11	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/D J/IE/2018/016	30.08.2018

Sr. no.	Outgoing Letter NO.	Date of submission	Description	Approval letter no.	Date of approval
12	PDJHPL/NHAI/DJT/2018/020	22.03.2018	Submission of Company profile & credential for Admixture and curing compound ,Kunalconchempvt.ltd.,Grout and joint Sealant ,STPLimited&Chembond Chemicals Ltd.		
13	PIL/CAMP/DJP/N HAI/2018 -04 / 063	21.06.2018	Admixture - PC 100R ( KunallIndustries )		
14	PDJHPL/PIU/CLO-179/2018/095	04.07.2018	DLC Flyash		
15	PDJHPL/PIU/CLO-179/2018/095	04.07.2018	DLC without Flyash		
16	PIL/CAMP/DJP/N HAI/2018 -04 / 063	21.06.2018	GSB ( Julmi PIL Crusher )		
18	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/D J/IE/2018/020 Bitumen& 19 for Emulsion	31.08.2018
19	PIL/CAMP/DJT/NHAI/2018-04/02	26.04.2018	Submission of Company profile & credential for the SGG spun pipes	LASA/Cocessionaire/Darah- Jhalawar/IE/2018/050	07.09.2018
20	PIL/CAMP/DJT/NHAI/2018-04/03	26.04.2018	Submission of Company profile & credential for the TIKIDAN Danosa India	LASA/Concessionaire/Darah- Jhalawar/IE/2018/212	14.12.2018
21	PIL/CAMP/DJT/NHAI/2018-04/04	26.04.2018	Submission of Company profile & credential for the KANTAFLEX India Pvt.ltd. (Elastomeric & Pot bearing)	LASA/Concessionaire/Darah- Jhalawar/IE/2018/206	13.12.2018
22	PIL/CAMP/DJT/NHAI/2018-04/05	26.04.2018	Submission of Company profile & credential for the Dynamic Prestress (I) Pvt Ltd.	LASA/Concessionaire/Darah- Jhalawar/IE/2018/195	08.12.2018
23	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/D J/IE/2018/018	30.08.2018
24	PDJHPL/NHAI/DJT/2018/021	22.03.2018	Submission of Company profile & credential for the Nakoda spun pipes		
25	PDJHPL/NHAI/DJT/2018/022	22.03.2018	Submission of Laboratory profile & credentials for the Star wire INDIA Pvt., Third party, Hind Heat		
26	PDJHPL/PIU/CLO-179/2018/047	21.06.2018	Submission of Gompany Profile &Gredential for source approval of Hercules Bridge Bearings & Bridge Expansion Joints	LASA/Concessionaire/Darah- Jhalawar/IE/2018/003	21.08.2018
27	PDJHPL/PIU/CLO-179/2018/096	04.07.2018	Submission of Company Profile &Gredential for Arihant Prefab	LASA/Concessionaire/Darah- Jhalawar/IE/2018/052	07.09.2018
28	PDJHPL/PIU/CLO-179/2018/100	05.07.2018	Submission of Gompany profile &Gredeniir for M.E. Testing Laboratory	LASA/Concessionaire/Darah- Jhalawar/IE/2018/178	04.12.2018
29	PDJHPL/PIU/CLO-179/2018/101	05.07.2018	Submission of Company Profile & Credential for MarutiBitumin Pvt. Ltd	LASA/Concessionaire/Darah- Jhalawar/IE/2018/054	07.09.2018
30	PDJHPL/PRJ/TEC/CLO-179/2018/ 022	02.06.2018	Submission of profite,Credentials& Basic design report on RE walls	LASA/Concessionaire/Darah- Jhalawar/IE/2018/055	07.09.2018
31	PDJHPL/PIU/D/2018/032	16.04.2018	Submission of Quality assurance Plan		
32	PDJHPL/PIU/CLO-179/2018/043	13.06.2018	Submission of Mix Design of Granular Sub-Base	LASA/Concessionaire/Darah- Jhalawar/IE/2018/155	28.11.2018
33	PDJHPL/PIU/CLO-179/2018/044	13.06.2018	Submission of Summary of OGL test results		
34	PDJHPL/PIU/CLO-179/2018/045	13.06.2018	Submission of Galibration Certificate of Batching Plant & Lab Equipments		
35	PDJHPL/PIU/CLO-179/2018/046	13.06.2018	Submission of Third party test reports of the material related to the project		
36	PDJHPL/PIU/CLO-179/2018/056	18.06.2018	Submission of Petrographic Test Report of Coarse Aggregate		



Sr. no.	Outgoing Letter NO.	Date of submission	Description	Approval letter no.	Date of approval
37	PDJHPL/PIU/CLO-179/2018/108	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		
38	PDJHPL/PIU/CLO-179/2018/110	07.07.2018	Submission of Company Profile & Credential for Earthcon Systems Pvt. Ltd	LASA/Concessionaire/Darah-Jhalawar/IE/2018/049	06.09.2018
39	PDJHPL/PIU/CLO-179/2018/111	07.07.2018	Submission of Construction Design (Geogrid Reinforced Soil Wall)	LASA/Concessionaire/Darah-Jhalawar/IE/2018/063	15.09.2018
40	PDJHPL/PIU/CLO-179/2018/122	10.07.2018	Testing for C & O Value of soil samples of Borrow area No. 1 & 22		
41	PDJHPL/PIU/CLO-179/2018/129	13.07.2018	Submission of Mix-Design	LASA/Concessionaire/Darah-Jhalawar/IE/2018/003	21.08.2018
42	PDJHPL/PIU/CLO-179/2018/133	16.07.2018	Submission of Trial Patch Report of GSB & DLC		
43	PDJHPL/IE/ICO-181/2018/241	28.08.2018	Submission of Company Profile & Credential OF Maruti Rub Plast Pvt. Ltd.	LASA/Concessionaire/Darah-Jhalawar/IE/2018/088	15/10/2018
44	PDJHPL/IE/ICO-181/2018/242	28.08.2018	Submission of Company Profile & Credential Of Tar Products Pvt. Ltd.	LASA/Concessionaire/Darah-Jhalawar/IE/2018/053	07/09/2018
45	PDJHPL/NHAI/DJT/013/2018	28.08.2018	Submission of Company Profile & Credentials for Birla Corporation, Mangalam Cement, Wonder Cement, Ultratech Cement, Vadraj Cement & Shree Cement.	LASA/Concessionaire/Darah-Jhalawar/IE/2018/014	28/08/2018
46	PDJHPL/IE/ICO-181/2018/260	07.09.2018	Submission of Company Profile & Credential Of Sanfield (India) Ltd.	LASA/Concessionaire/Darah-Jhalawar/IE/2018/072	28/09/2018
47	PDJHPL/IE/ICO-181/2018/286	18.09.2018	Submission of Company Profile & Credential for RAMA TMT Bars	LASA/Concessionaire/Darah-Jhalawar/IE/2018/074	28/09/2018
48	PDJHPL/IE/ICO-181/2018/287	18.09.2018	Submission of Company Profile & Credential for SHYAM Steel	LASA/Concessionaire/Darah-Jhalawar/IE/2018/073	28/09/2018
49	PDJHPL/IE/ICO-181/2018/318	29.09.2018	Submission of Company Profile & Credential of Sanfield (India) Ltd.-reg	LASA/Concessionaire/Darah-Jhalawar/IE/2018/078	03.10.2018
50	PDJHPL/IE/ICO-181/2018/348	09.10.2018	Submission of Company Profile & Credentials of Katalinepaints.-reg	LASA/Concessionaire/Darah-Jhalawar/IE/2018/091	15/10/2018
51	PDJHPL/IE/ICO-181/2018/353	10.10.2018	Submission of Third party testing of RE wall concrete block in km. 23+600-reg	LASA/Concessionaire/Darah-Jhalawar/IE/2018/130	13.11.2018
52	PDJHPL/IE/ICO-181/2018/362	12.10.2018	Submission of Company Profile & Credentials of PNT designs Pvt. Ltd.	LASA/Concessionaire/Darah-Jhalawar/IE/2018/126	13.11.2018
53	PDJHPL/IE/ICO-181/2018/367	13.10.2018	Submission of GSB Mix design for approvals	LASA/Concessionaire/Darah-Jhalawar/IE/2018/111	29/10/2018
54	PDJHPL/IE/ICO-181/2018/381	18.10.2018	Submission of Filter media Mix-design – reg	LASA/Concessionaire/Darah-Jhalawar/IE/2018/217	13.11.2018
55	PDJHPL/IE/ICO-181/2018/408	26.10.2018	Submission of Company Profile and Credential of M/s Deevin Seismic Systems Pvt. Ltd. for Expansion Joints- reg	LASA/Concessionaire/Darah-Jhalawar/IE/2018/127	13.11.2018
56	PDJHPL/IE/ICO-181/2018/429	02/11/2018	Submission of DLC Mix Design Confirmatory Reports-reg	LASA/Concessionaire/Darah-Jhalawar/IE/2018/163	03.12.2018
57	PDJHPL/IE/ICO-181/2018/450	17/11/2018	Submission of Company profile & Credentials of M/s Deevin Seismic Systems Pvt. Ltd. for Expansion joints - reg	LASA/Concessionaire/Darah-Jhalawar/IE/2018/199	12.12.2018

Sr. no.	Outgoing Letter NO.	Date of submission	Description	Approval letter no.	Date of approval
58	PDJHPL/IE/ICO-181/2018/451	17/11/2018	Submission of third party test report of construction materials-reg		
59	PDJHPL/IE/ICO-181/2018/452	17/11/2018	Submission of Company profile & Credential of JK Lakshmi Cement Ltd-reg	LASA/Concessionaire/D arah -Jhalawar/IE/2018/148	26/11/2018
60	PDJHPL/IE/ICO-181/2018/453	17/11/2018	Submission of company Profile & Credentials of Supreme Bitumen India Pvt. Ltd.	LASA/Concessionaire/D arah -Jhalawar/IE/2018/162	03.12.2018
61	PDJHPL/IE/ICO-181/2018/454	17/11/2018	Resubmission of Company Profile & Credentials of M/s Hind Heat Treatment & Testing House-reg	LASA/Concessionaire/D arah -Jhalawar/IE/2018/158	30.11.2018
62	PDJHPL/IE/ICO-181/2018/455	17/11/2018	Submission of Company Profile & Credentials of M/s Yash Enterprises-reg	LASA/Concessionaire/D arah -Jhalawar/IE/2018/177	04.12.2018
63	PDJHPL/IE/ICO-181/2018/460	20/11/2018	Submission of Company Profile & Credentials of M/s Electrotherm India Ltd. -	LASA/Concessionaire/D arah -Jhalawar/IE/2018/190	08.12.2018
64	PDJHPL/IE/ICO-181/2018/461	20/11/2018	Submission of Mix Design of WMM-reg	LASA/Concessionaire/D arah -Jhalawar/IE/2018/152	27/11/2018
66	PDJHPL/IE/ICO-181/2018/473	22/11/2018	Submission of Concrete Mix Design Done only with Wonder & Ultratech Cement-reg	LASA/Concessionaire/D arah -Jhalawar/IE/2018/211	15.12.2018
67	PDJHPL/IE/ICO-181/2018/475	22/11/2018	Submission of Concrete Mix Design Using Fly ash with Wonder & Ultratech Cements-reg		
68	PDJHPL/IE/ICO-181/2018/479	23/11/2018	Submission of PQC M-40 Design Using Fly ash with Ultratech Cement-reg	LASA/Concessionaire/D arah -Jhalawar/IE/2018/176	04.12.2018
69	PDJHPL/IE/ICO-181/2018/480	23/11/2018	Submission of Company Profile & Credentials of M/s KunalConchem Pvt. Ltd.-reg	LASA/Concessionaire/D arah -Jhalawar/IE/2018/147	26/11/2018
70	PDJHPL/IE/ICO-181/2018/510	30/11/2018	Submission of PQC M-40 Design with Ultratech Cement.		
71	PDJHPL/IE/ICO-181/2018/511	30/11/2018	Submission of Company Profile & Credentials of M/s. Normat India Pvt.Ltd	LASA/Concessionaire/D arah -Jhalawar/IE/2018/207	13/12/2018
72	PDJHPL/IE/ICO-181/2018/521	03/12/2018	Submission of Julmi Crusher Aggregate Test Reports-reg	LASA/Concessionaire/D arah -Jhalawar/IE/2018/196	10/12/2018
73	PDJHPL/IE/ICO-181/2018/522	03/12/2018	Submission of Fine Aggregate Test Report of Kalisindh River-reg	LASA/Concessionaire/D arah -Jhalawar/IE/2018/197	10/12/2018
74	PDJHPL/IC/ICO-181/2018/542	08/12/2018	Submission of company profile & credential of M/s HI-TECH Engineering Solutions - reg		
75	PDJHPL/IC/ICO-181/2018/599	21/12/2018	Submission of Test Report of Spun pipes for NP-4 pipe - reg	LASA/Concessionaire/D arah -Jhalawar/IE/2018/226	24/12/2018
76	PDJHPL/IC/ICO-181/2018/620	31/12/2018	Submission of Inspection Report of Elastomeric Bearing Testing (KANTAFLEX) - reg	LASA/Concessionaire/D arah -Jhalawar/IE/2018/247	04.01.2019
77	PDJHPL/IC/ICO-181/2018/626	02/01/2019	Submission of Chemical Composition Test Report of Steel.	LASA/Concessionaire/D arah -Jhalawar/IE/2018/288	24/01/2019
78	PDJHPL/IC/ICO-181/2019/638	05/01/2019	Submission of PQC (M-40) Mix Design with Ultratech Cement.	LASA/Concessionaire/D arah -Jhalawar/IE/2018/252	11/01/2019
79	PDJHPL/IC/ICO-181/2019/639	05/01/2019	Submission of PQC (M-40) Mix Design using Flyash with Ultratech Cement.	LASA/Concessionaire/D arah -Jhalawar/IE/2018/250	10/01/2019
80	PDJHPL/IC/ICO-181/2019/643	07/01/2019	Submission of Company Profile and Credentials of Molecule ConchemPvt.Ltd	LASA/Concessionaire/D arah -Jhalawar/IE/2018/273	21.01.2019

Sr. no.	Outgoing Letter NO.	Date of submission	Description	Approval letter no.	Date of approval
81	PDJHPL/IC/ICO-181/2019/653	10/01/2019	Submission of Test Report of T.M.T Bars from Electrotherm (India) Ltd.	LASA/Concessionaire/Darah-Jhalawar/IE/2019/297	04/02/2019
82	PDJHPL/IC/ICO-181/2019/665	15/01/2019	Submission of Third Party Test Report of Reinforcement Steel (Hind Heat Treatment)	LASA/Concessionaire/Darah-Jhalawar/IE/2019/292	28/01/2019
83	PDJHPL/IC/ICO-181/2019/666	15/01/2019	Review of Mix Design of PQC (M-40) with Ultratech Cement & Unirock Plasticizers.		
84	PDJHPL/IC/ICO-181/2019/672	16/01/2019	Review of Mix Design of PQC (M-40) with Ultratech Cement, Flyash & Unirock Plasticizers.		
85	PDJHPL/IC/ICO-181/2019/685	21/01/2019	Submission of Company Profile and Credentials of Choksey Chemicals Pvt. Ltd.	LASA/Concessionaire/Darah-Jhalawar/IE/2019/289	28/01/2019
86	PDJHPL/IC/ICO-181/2019/686	21/01/2019	Submission of Company Profile and Credentials of J.K Cement Ltd.	LASA/Concessionaire/Darah-Jhalawar/IE/2019/290	28/01/2019
87	PDJHPL/IC/ICO-181/2019/713	31/01/2019	Submission of Test Report of POT/ PTFE Bearings for Flyover+Major Bridge 47+650 to 48+150 (Dynamic Prestress Pvt. Ltd).	LASA/Concessionaire/Darah-Jhalawar/IE/2019/304	06/02/2019
88	PDJHPL/IC/ICO-181/2019/732	06/02/2019	Submission of PQC Trial patch Report from Ch.28+400 to 28+147(LHS) - reg		
89	PDJHPL/IC/ICO-181/2019/753	12/02/2019	Submission of Company Profile & Credentials of Ooms Avenhorn Holding India Pvt. Ltd. & Ooms Polymer Modified Bitumen Pvt. Ltd.-reg	LASA/Concessionaire/Darah-Jhalawar/IE/2019/307	18/02/2019
90	PDJHPL/IC/ICO-181/2019/761	14/02/2019	Submission of Company Profile & Credential of Unirock Chemicals Pvt. Ltd.-reg	LASA/Concessionaire/Darah-Jhalawar/IE/2019/308	18/02/2019
91	PDJHPL/IC/ICO-181/2019/788	20/02/2019	Submission of Company Profile & Credential of MSP Group for procurement of Dowel Bars - reg		
92	PDJHPL/IC/ICO-181/2019/798	25/02/2019	Submission of Company Profile & Credential of M/s Sika India - reg	LASA/NHAI/Darah-Jhalawar/IE/2019/350	16.03.2019
93	PDJHPL/IC/ICO-181/2019/804	26/02/2019	Submission of Company Profile & Credential of M/s STP Ltd - reg	LASA/NHAI/Darah-Jhalawar/IE/2019/351	16.03.2019
94	PDJHPL/IC/ICO-181/2019/812	28/02/2019	Submission of Company Profile & Credential of MSP steel & Power Ltd - reg.		
95	PDJHPL/IC/ICO-181/2019/833	07/03/2019	Submission of Company Profile & Credential of Chembond Chemicals - reg	LASA/Concessionaire/Darah-Jhalawar/IE/2019/352	16.03.2019
96	PDJHPL/IC/ICO-181/2019/962	23/04/2019	Submission of Company Profile & Credential of Fortune Ltd -reg		
97	PDJHPL/IC/ICO-181/2019/967	25/04/2019	Submission of Company Profile & Credential of Balajee Loha Ltd -reg		
98	PDJHPL/IC/ICO-181/2019/1018	09/05/2019	Submission of Company Profile & Credential of Essar Steel -reg		
99	PDJHPL/IC/ICO-181/2019/1019	09/05/2019	Submission of Company Profile & Credential of Bostik Pvt Ltd -reg	LASA/Concessionaire/Darah-Jhalawar/IE/2019/415	16/05/2019
100	PDJHPL/IC/ICO-181/2019/1031	11/05/2019	Submission of Methodology of Pile Load Test of Routine Pile @ 57+127 (MJB)		
101	PDJHPL/IC/ICO-181/2019/1048	16/05/2019	Submission of Methodology of Pile Load Test of Routine Pile @ 36+070 (MJB)	LASA/Concessionaire/Darah-Jhalawar/IE/2019/429	24/05/2019
102	PDJHPL/IC/ICO-181/2019/1074	25/05/2019	Submission of Plate Load Test Report Conducted at 36+070 (MJB) & 58+128 (Flyover).		
103	PDJHPL/IC/ICO-181/2019/1083	28/05/2019	Submission of Initial Load Test Report Conducted on Test Pile .		
104	PDJHPL/IC/ICO-181/2019/1088	30/05/2019	Submission of Company Profile & Credential of Nuvoco Vistas Corp. Ltd - reg	LASA/Concessionaire/Darah-Jhalawar/IE/2019/583	27/09/2019

Sr. no.	Outgoing Letter NO.	Date of submission	Description	Approval letter no.	Date of approval
105	PDJHPL/IC/ICO-181/2019/1098	03/06/2019	Submission of Kerb (M-20) with Ultratech Cement without Flyash.	LASA/Concessionaire/Darah-Jhalawar/IE/2019/446	10/06/2019
106	PDJHPL/IC/ICO-181/2019/1099	03/06/2019	Submission of SPT Test Report for Ch.36+070 (MJB)		
107	PDJHPL/IC/ICO-181/2019/1100	03/06/2019	Submission of Bore Log Test Report @ 36+070 (MJB) & 58+128 (Flyover).		
108	PDJHPL/IC/ICO-181/2019/1189	30/06/2019	Submission of Company Profile & Credential of STECOL (Essar TMT Brand)		
109	PDJHPL/IC/ICO-181/2019/1369	07/09/2019	Submission of Company Profile & Credential of VADOL Corporation	LASA/Concessionaire/Darah-Jhalawar/IE/2019/587	28/09/2019
110	PDJHPL/IC/ICO-181/2019/1379	10/09/2019	Change in Company name Deevin Engineering Consulting group to DECG International.	LASA/Concessionaire/Darah-Jhalawar/IE/2019/596	05/10/2019
110	PDJHPL/IC/ICO-181/2019/1402	18/09/2019	Submission of Company Profile & Credential of J Sons Engg Corporation	LASA/Concessionaire/Darah-Jhalawar/IE/2019/594	03/10/2019
111	PDJHPL/IC/ICO-181/2019/1437	30/09/2019	Submission of Company Profile & Credential of Shree Cement Limited	LASA/Concessionaire/Darah-Jhalawar/IE/2019/595	04/10/2019
112	PDJHPL/IC/ICO-181/2019/1564	21/11/2019	Submission of Inspection Report of Elastomeric Bearing Testing (KANTAFLEX India Pvt. Limited) for MJB 36+070	LASA/Concessionaire/Darah-Jhalawar/IE/2019/666	27/11/2019
113	PDJHPL/IC/ICO-181/2019/1574	23/11/2019	Submission of Company Profile & Credential of Electrosteel Steels Limited	LASA/Concessionaire/Darah-Jhalawar/IE/2019/671	29/11/2019
114	PDJHPL/IC/ICO-181/2019/1605	30/11/2019	Submission of company profile & credential of M/s Sika India Pvt. Ltd.	LASA/Concessionaire/Darah-Jhalawar/IE/2019/699	12/12/2019
115	PDJHPL/IC/ICO-181/2019/1619	05/12/2019	Submission of Plate Load Test Report of BC (53+700).		
116	PDJHPL/IC/ICO-181/2019/1620	05/12/2019	Submission of Plate Load Test Report of VUP (Km 54+550).		
117	PDJHPL/IC/ICO-181/2019/1621	05/12/2019	Submission of Inspection Test Report of POT/ PTFE Bearing (Dynamic Prestress) of Elevated @ Km 47+830 & MJB @ Km 57+127.	LASA/Concessionaire/Darah-Jhalawar/IE/2019/700	12/12/2019
118	PDJHPL/IC/ICO-181/2019/1654	14/12/2019	Submission of Company Profile and Credential of M/s BASF India Limited (for Admixture).	LASA/Concessionaire/Darah-Jhalawar/IE/2020/719	02/01/2020
119	PDJHPL/IC/ICO-181/2019/1665	17/12/2019	Submission of Factory Visit and TMT inspection Test Report of M/s Electrosteel Steels Limited for TMT Bars and Third Party Test Report.		
120	PDJHPL/IC/ICO-181/2019/1684	21/12/2019	Submission of Test Report of Strands of DP Wires.		
121	PDJHPL/IC/ICO-181/2019/1698	26/12/2019	Submission of Inspection Test Report of POT/ PTFE Bearing (Dynamic Prestress) of Flyover @ Km 46+957, Km 50+095, Km 58+128.	LASA/NHAI/Darah-Jhalawar/IE/2020/798	20/02/2020
122	PDJHPL/IC/ICO-181/2019/1700	26/12/2019	Submission of High Strain Dynamic Pile Load Test Report of MJB @ Km 36+070.		
123	PDJHPL/IC/ICO-181/2019/1743	08/01/2020	Submission of Mix Design of DBM with VG-40 Grade.		
124	PDJHPL/IC/ICO-181/2019/1745	08/01/2020	Submission of Concrete Mix design with Nuvoco Cement & Sika Admixture & Without Flyash.		
125	PDJHPL/IC/ICO-181/2019/1753	11/01/2020	Submission of Test Report of Core Sample of Retaining Wall Raft.	LASA/Concessionaire/Darah-Jhalawar/IE/2020/754	22/01/2020
126	PIL/PRJ/TECH/ODO-189/2020/1755	11/01/2020	Submission of Company Profile & Credential of HMM Infra Ltd.		

<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>
127	PDJHPL/IC/ICO-181/2020/1766	16/01/2020	Submission of Company Profile & Credential of GOEL TMT.		
128	PDJHPL/IC/ICO-181/2020/1770	17/01/2020	Submission of Test Report of Steel of MJB @ Ch 57+127, LVUP @ Ch 23+065.	LASA/NHAI/Darah-Jhalawar/IE/2020/766	30/01/2020
129	PDJHPL/IC/ICO-181/2020/1799	30/01/2020	Submission of Plate Load Test Report of ROB @ 44+158.		
130	PDJHPL/IC/ICO-181/2020/1810	30/01/2020	Submission of Environmental Monitoring Test Report for the year 2020.	LASA/Concessionaire/Darah-Jhalawar/IE/2020/754	05/02/2020
	PDJHPL/IC/ICO-181/2020/1842	07/02/2020	Submission of Company Profile & Credential of TATA Steel Ltd for Procurement of LRPC Strands		
	PDJHPL/IC/ICO-181/2020/1886	19/02/2020	Submission of Independent Laboratory Test Reports of Geogrid of Strata Geosystems (India) Pvt. Ltd		

## 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	Approved (13 Nos)
				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	Approved (11 Nos)
				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	
			R1-20 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	
				PDJHPL/PIU/CLO-179/2018/388	18.10.2018	NIL	
				PDJHPL/PIU/CLO-179/2018/463	20.11.2018	NIL	
				PDJHPL/IC/ICO-181/2019/1349	03.09.2019	NIL	
3	Minor Bridge	11	R0-10 Nos.	PDJHPL/PIU/D/016/2018	27.02.2018	NIL	Approved (08 Nos)
				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/IE/ICO-181/2018/317	29.09.2018	NIL	
			Compliance	PDJHPL/IE/ICO-181/2018/487	23.11.2018	NIL	
				PDJHPL/IE/ICO-181/2018/488	26.11.2018	NIL	
				PDJHPL/IC/ICO-181/2018/562	11.12.2018	NIL	
				PDJHPL/IC/ICO-181/2018/582	17.12.2018	NIL	
			R1 – 01 Nos	PDJHPL/IC/ICO-181/2018/816	01.03.2019		
				PDJHPL/IC/ICO-181/2019/1298	13.08.2019		Approved
				PDJHPL/IC/ICO-181/2019/1349	03.09.2019		Approved
4	Major Bridge	2	R0-02 Nos	PDJHPL/PIU/D/034/2018	19.04.2018	NIL	
			R1-03Nos	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		Approved
				PDJHPL/IE/ICO-181/2018/272	12.09.2018		Approved
				PDJHPL/HO/DJT/IE/578/2018	15.12.2018	1 set	Approved
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	Approved
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	Approved (06 Nos)

S.No	Type of Structure	Scope in Nos	No. of Drawing Submitted	Vide Letter No.	Date	Proof Check	Remarks
			R1-06 Nos	Letter No- 041 (IIT Certified Copy) (Letter -158 date- 28.07.2018)	12.06.2018	1 set	
				(Letter -188 date- 08.08.2018)	08.08.2018		
			R2-04 Nos.	PDJHPL/IC/ICO-181/583	17.12.2018		
				PDJHPL/IC/ICO-181/632	03.01.2019		
7	LVUP	13	R0-13 Nos	PDJHPL/PIU/D/016/2018	27.02.2018	NIL	Approved ( 12 Nos)
				PDJHPL/PIU/CLO-179/2018/067	22.06.2018	NIL	
			R1-06 Nos	PDJHPL/PIU/CLO-179/2018/067	22.06.2018	NIL	
				PDJHPL/IC/ICO-181/2019/811	28/02/2019		
8	FlyOver	3	R0-03Nos	PDJHPL/PIU/D/034/2018	19.04.2018	1 set	Approved (01 Nos)
			R1-03 Nos	PDJHPL/PIU/CLO-179/2018/115	09.07.2018	NIL	
			R2-03 Nos	PDJHPL/IC/ICO-181/2018/431	03.11.2018	2 set	
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	Approved
				PDJHPL/IC/ICO-181/2018/550	10.12.2018	2 set	
			R2-02 Nos	PDJHPL/IC/ICO-181/2019/1570	22.11.2019	02 set	Approved
10	RUB	1	R1-01 Nos	PDJHPL/PIU/TEC/CLO- 179/2018/019 Hard Copy of Trecing Paper Drawing	31.05.2018	1 set	Approved
1	Plan & Profile	48.88 Km	R0-01 Nos	PDJHPL/PIU/CLO-179/2018/106	06.07.2018	NIL	
				PDJHPL/IC/ICO-181/2018/364	12.10.2018	NIL	
			R1-01 Nos	PDJHPL/IC/ICO-181/2018/474	22.11.2018	NIL	
				PDJHPL/HO/DJT/IE/001/2019	07.01.2019	NIL	
				PDJHPL/HO/DJT/IE/007/2019	19.01.2019		Approved upto 48.88 Km
2	TOLL PLAZA		R0-01 Nos	PDJHPL/IC/ICO-181/2018/316	29.09.2018		Approved
3	POT/PTEFE Bearing		46+950, 50+095, 58+128	PDJHPL/IC/ICO-181/2018/430	03.11.2018		Approved
	Pin, Free, Metallic guided Bearing		57+127	PDJHPL/IC/ICO-181/2019/1465	11.10.2019		Approved
	Elastomeric Bearing		30+078, 41+102, 49+330	PDJHPL/IC/ICO-181/1511	02.11.2019		Approved
	Strip Seal Expansion Joint		12+125, 15+725, 19+965, 25+100, 27+025, 30+075, 36+070, 41+095, 49+330, 54+550,	PDJHPL/IC/ICO-181/2019/1714, PDJHPL/IC/ICO-181/2019/1715,  PDJHPL/IC/ICO-181/2020/1767	30/12/2019  16/01/2020		
				PDJHPL/IC/ICO-181/2020/1777	18/01/2020		Approved

S.No	Type of Structure	Scope in Nos	No. of Drawing Submitted	Vide Letter No.	Date	Proof Check	Remarks
			47+830,				
	Signage Plan		48.88 Km	PDJHPL/IC/ICO-181/2019/1699	26/12/2019		
	Junction Drawing		48.88 Km	PDJHPL/IC/ICO-181/2019/1618	05/12/2019		
	Friction Slab Drawing			PDJHPL/IC/ICO-181/2019/1671	18/12/2019		Approved
4	Pavement Design			PDJHPL/HO/DJT/IE/008/2019	19.01.2019		Approved
5	RE wall		VUP (12+125) & 12+450 (LVUP)	PDJHPL/IC/ICO-181/2018/658	12/01/2019		
			LVUP (15+725)	PDJHPL/PIU/CLO-189/2018/200	11/08/18		
			LVUP (17+353)	PDJHPL/PIU/CLO-189/2018/201	11/08/18		
			VUP (19+970)	PDJHPL/IC/ICO-181/2018/659	12/01/2019		
			LVUP (21+183)	PDJHPL/IC/ICO-181/2018/660	12/01/2019		
			LVUP (23+065)	PDJHPL/IC/ICO-181/2018/661	12/01/2019		
			LVUP (23+687)	PDJHPL/IC/ICO-181/2018/662	12/01/2019		
			LVUP (24+547) & VUP (25+100)	PDJHPL/PIU/CLO-189/2018/202	11/08/18		
			LVUP (27+029)	PDJHPL/PIU/CLO-189/2018/203	11/08/18		
			LVUP (37+050)	PDJHPL/PIU/CLO-189/2018/204	11/08/18		
			LVUP (38+545)	PDJHPL/PIU/CLO-189/2018/205	11/08/18		
			ROB (44+158) (R0)	PDJHPL/PIU/CLO-189/2019/1164	21/05/2019		
			LVUP (42+258)	PDJHPL/PIU/CLO-189/2018/537	07/12/2018		Approved
			VUP (49+330) (R0)	PDJHPL/IE/ICO-181/2018/534	07/12/2018		
			VUP (49+330) (R1)	PDJHPL/IE/ICO-181/2018/603	24/12/2018		
			VUP (49+330) (R2)	PDJHPL/IC/ICO-181/2019/760	14/02/2019		Approved
			Flyover (50+099) (R0)	PDJHPL/IE/ICO-181/2018/535	07/12/2018		Approved
			Flyover (50+099) (R1)	PDJHPL/IE/ICO-181/2018/602	24/12/2018		
			Flyover (50+099) (R2)	PDJHPL/IC/ICO-181/2019/759	14/02/2019		
			LVUP (51+762)	PDJHPL/OC/ICO-179/2019/1001	03/05/2019		Approved
			VUP (41+102) & LVUP (41+465) (R0)	PDJHPL/IE/ICO-181/2018/536	07/12/2018		Approved
			VUP (41+102) & LVUP (41+465) (R1)	PDJHPL/IC/ICO-181/2019/719	01/02/2019		
			LVUP (42+263) (R0)	PDJHPL/IE/ICO-181/2018/537	07/12/2018		



S.No	Type of Structure	Scope in Nos	No. of Drawing Submitted	Vide Letter No.	Date	Proof Check	Remarks
			LVUP (42+263) (R1)	PDJHPL/IC/ICO-181/2019/720			Approved
			LVUP (45+875) (R0)	PDJHPL/IC/ICO-189/2019/1000	03/05/2019		Approved
			Design & Drawing for Sandy Soil	PDJHPL/IE/ICO-181/2018/548	10/12/2018		

## Mobilization of Manpower

Name of the Employee		Designation		Department
P.Gangadhar		General Manager (EPC)		Technical
Milind	Pande	Project Incharge		Technical
Atul	Mishra	Sr. Project Manager		Technical
Shubhash	Kumar	Sr.Manager		Mechanical
Praveen	Kahar	Manager		Liasion
Balram Singh	Shekhawat	Manager		Liasion
Bhagwan	Jha	Manager		Purchase
Subhash	Singh	Dy. Project Manager		Technical (Highway)
Ranjay Kumar	Anju	Dy. Project Manager		Planning & Billing
Ramesh Chandra	Barad	Dy. Manager (HR & Admin)		HR & Admin
Mahesh	Pandey	Dy. Project Manager		Highway
SajjanLal	Sharma	Dy. Project Manager		Structure
Bal Krishna	Rath	Dy. Project Manager		Structure
Kuldeepsingh	Shivnathsingh	Sr.Surveyor		Survey
Ravi Kishore Pandey	DinanathPandey	Sr.Accountant		Finance & Accounts
Dayanand	Prakash	Engineer		Health & Safety
Rajesh	Raval	Dy. Project Manager		QA/QC
<b>HR &amp; ADMIN DEPARTMENT</b>				
Sr. Executive	2	Nos		HR & Admin
Sr.Officer(S & V)	1	Nos		HR & Admin
Executive	2	Nos		HR & Admin
Jr.Executive	2	Nos		HR & Admin
Security violation	2	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. Engineer	1	Nos		QA/QC
Lab Asst.	1	Nos		QA/QC
Sr.Lab Technician	2	Nos		QA/QC
Lab Technician	7	Nos		QA/QC
Jr.Lab Technician	1	Nos		QA/QC
Engineer	3	Nos		QA/QC
Jr.Engineer	3	Nos		QA/QC
<b>HIGHWAY DEPARTMENT</b>				
Sr. Engineer	3	Nos		Highway
Engineer	3	Nos		Highway
Asst. Engineer	8	Nos		Highway
Jr.Engineer	6	Nos		Highway
Engineer Trainee	2	Nos		Highway
Jr. Supervisor	1	Nos		Highway
Supervisor	11	Nos		Highway
<b>STRUCTURE DEPARTMENT</b>				
Sr. Engineer	5	Nos		Structure
Engineer	6	Nos		Structure
Asst. Engineer	4	Nos		Structure
Jr.Engineer	4	Nos		Structure
Engineer Trainee	1	Nos		Structure
Sr.Supervisor	6	Nos		Structure
Supervisor	3	Nos		Structure
Jr.Supervisor	3	Nos		Structure
<b>SURVEY DEPARTMENT</b>				

Name of the Employee		Designation		Department
Sr. Surveyor	1	Nos		Survey
Surveyor	10	Nos		Survey
Jr.Surveyor	4	Nos		Survey
<b>STORE DEPARTMENT</b>				
Jr. Executive	5	Nos		Store
Executive	8	Nos		Store
<b>WEIGH BRIDGE</b>				
Jr.Executive	13	Nos		Weigh Bridge
<b>PURCHASE DEPARTMENT</b>				
Dy.Manager	1	Nos		Purchase
Sr.Executive	1	Nos		Purchase
Executive	1	Nos		Purchase
<b>HEALTH &amp; SAFETY DEPARTMENT</b>				
Sr.Executive	1	Nos		Health & Safety
Engineer	1	Nos		Health & Safety
Executive	1	Nos		Health & Safety
<b>IT DEPARTMENT</b>				
Sr.Executive	1			IT
Executive	1			IT
<b>MECHANICAL DEPARTMENT</b>				
Sr.Supervisor	1	Nos		Mechanical
Sr. Engineer	3	Nos		Mechanical
Engineer	1	Nos		Mechanical
Asst. Engineer	3	Nos		Mechanical
Executive	1	Nos		Mechanical
Asst. Mechanic	3	Nos		Mechanical
Fitter	1	Nos		Mechanical
Tyre Fitter	4	Nos		Mechanical
Jr.Engineer	2	Nos		Mechanical
Jr.Executive	3	Nos		Mechanical
Engineer Trainee	1	Nos		Mechanical
Supervisor	6	Nos		Mechanical
Driver	69	Nos		Mechanical
Computer Operator	1	Nos		Mechanical
Operator / Helper/ Mechanic	105	Nos		Mechanical
<b>SPV DEPARTMENT</b>				
Dy.Manager	1	Nos		SPV
Sr.Executive	1	Nos		SPV
Executive	1	Nos		SPV

## Mobilization of Resources (Plant and Machineries)

S.No	Name of Machinery	TOTAL	Remarks
1	Excavator	30	
2	Hywa/Tipper	138	
3	Soil Compactor	15	
4	Dozer	0	
5	Water Tanker	21	
6	Diesel Dispenser	6	
7	Grader	14	
8	Loader	10	
9	Back Hoe	6	
10	Transit Mixer	21	
11	Crusher	3	
12	Concrete Batching Plant	5	
13	Weigh Bridge	7	
14	WMM Plant	1	
15	Hydra Crane	8	
16	Hot Mix Plant	1	
17	Concrete Pump	2	
18	Sand Classifier	2	
19	Tractor	11	
20	Tower Light	9	
21	DG Set	17	
22	Light Vehicle	34	
23	Trailer	4	
24	JCB	7	
25	Boom Placer	2	
26	Tandem Roller	4	
27	Baby Roller	2	
28	Mobile Service Van	2	
29	DLC Paver	3	
30	Automatic PQC Paver	1	
31	Kerb Paver	2	
32	Chilling Plant	1	
33	Bus	1	
34	Fork Lift	3	
35	Block Casting Machine	1	
36	Ambulance Van	1	
	<b>Total</b>	<b>395</b>	

**Site Progress Photo**



**Subgrade Top Layer at 36+700**



**Subgrade 1st Layer at 38+300 to 38+400**



**Subgrade 1st Layer at 21+500 to 21+740 LHS**



**Subgrade 1<sup>st</sup> Layer 22+100 to 22+300 RHS**



**Emb Layer at Ch 26+600 to 26+780 (RHS) SR**



**GSB Top Layer at 38+290 to 38+480 SR**



**GSB Top at Ch 33+000 to 33+300 LHS**



**WMM 1st Layer at Ch 23+820 to 24+000 SR (RHS)**





**DLC Layer at Ch 33+000 to 33+450 (LHS)**



**PQC Top at Ch 36+470 to 36+860 LHS**



**Girder Erection work at Elevated @ Ch 47+830**



**Reinforcement steel & shuttering of slab at ch 47+830 Elevated**



**Curing of intermediate diaphragm of VUP at ch 15+725**



**Abutment shaft of VUP at Ch 19+965**



**Pile load test on test pile of ROB at ch 44+158**



**Reinforcement work of slab of LVUP at ch 23+065 (BHS)**

