



**Delhi Tourism & Transportation Development Corporation Limited**  
(A Government Undertaking)

**WEEKLY PROGRESS OF SIGNATURE BRIDGE (AS ON 11.09.2015)**

At present, all the foundations except integrated piles of P-23 wells have been completed. The erection work of Pylon is in progress. The pylon bases, the heaviest part L<sub>0</sub>, L<sub>1</sub> and L<sub>2</sub> on upstream as well as downstream side have been placed on the Piers P19.

Foundation P23 consists of 32 integrated piles, out of which 22<sup>nd</sup> and 23<sup>rd</sup> piles are in progress with the help of two boring rigs. Piling work is targeted to be completed by 31.10.2015 and then it will take about 6 months to complete the remaining activities on P23 foundation and superstructure. Thereafter main and cross girders will be placed followed by cast-in-situ slab. Pylon consists of Leg components from L<sub>0</sub> to L<sub>10</sub>, Main body from MB<sub>1</sub> to MB<sub>5</sub> and Glass Façade. So far Segments L<sub>0</sub>, L<sub>1</sub> and L<sub>2</sub> have been erected and on upstream side as well as downstream side.

During the last week, DTTDC completed the concreting in Pile no. 22 on downstream and drilling in 23<sup>rd</sup> pile is in progress. Bore collapsed in 23<sup>rd</sup> as well as 24<sup>th</sup> pile location. Machine has also been shifted to Pile no. 23 on downstream side and Pile no. 24 on upstream side.

Regarding the Pylon erection, preparation of segment L<sub>3</sub> on upstream as well as downstream is in progress.

**A. WORK DONE DURING LAST WEEK i.e. from 05.09.2015 to 11.09.2015**

**1. Foundation P23:**

- a. Concreting in Pile no. 22 on downstream well completed.
- b. Drilling in Pile no. 23 on downstream side in progress.
- c. Machinery Shifted to Pile no. 24 on upstreamside.

**2. Pylon Erection:**

- a. Upstream Side: Preparation for L<sub>3</sub> segment upstream side is in progress
- b. Downstream Side: Preparation for L<sub>3</sub> segment downstream side is in progress

**3. Other activities:**

- a. One main girder on main deck placed in position
- b. 7 Deck slab cast
- c. 15 deck slabs placed in position
- d. One pile for Tower crane foundation
- e. Stressing in upstream side of Tie down .

**B. WORK PLANNED FOR NEXT WEEK i.e. from 12.09.2015 to 18.09.2015**

**1. Foundation P23:**

- a. Drilling in Pile no. 23 on downstream well.
- b. Concreting in Pile no. 23 on downstream well

- c. Drilling in Pile no. 24 on upstream well.
- d. Preparation of stool for placing the machinery in Pile no. 25 on downstream side.

## **2. Pylon Erection:**

- a. Bracing between L2 segments
- b. Downstream side: Bolting of parts of segment L3 on downstream as well as upstream side on ground

## **3. Other activities:**

- a. Casting of 4 Precast slabs
- b. One pile for Tower crane foundation.
- c. 4 cross girders will be placed in position
- d. Preparation for concreting of P1 Portal frame

## **C. BARRIER/ CHALLENGES**

1. Out of sanctioned fund of Rs.1131 Crores for the Project, DTTDC has so far received only 1021.83 Crores. Balance Rs. 109.17 is yet not released by PWD.
2. RPE submitted for an amount of Rs. 1594 Crores is yet not approved.
3. Cement supply to site has been stopped by the supplier due to non-release of their payment by JV. However temporarily 500 begs of cement arranged from other site to cast the slabs
4. Jack of bracing between L2 segments failed due leakage of oil. Company has been directed to bring new Jack instead of repairing it due to its sensitive location
5. Collapse of bore in 23<sup>rd</sup> as well as 24<sup>th</sup> piles