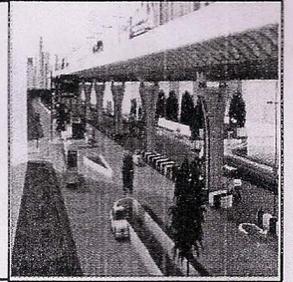


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Date: - 9-7-14

#### Inspection Note

**Sub: - Inspection Note for the work of "Comprehensive Development of Corridor (Outer Ring Road) between VIKASPURI to Meera Bagh."**

Inspected the site of Vikaspuri to Meerabagh along with EE, F-132 & Project Manager of M/s. Simplex today i.e. on 09.07.2014. Spines of 7<sup>th</sup> span on the A-2 side were being erected. However, erection of cantilever frame for wing erection has not been started till date. Project Manager of M/s. Simplex informed that they will be starting the erection of cantilever frame within a day or so. The drain work on A-2 also needs to be expedited. Drain work at other location was also in progress but needs to be expedited.

Then went to the casting yard and reviewed the issue of RE wall work when the representative of M/s. REIPL was also present. In the latest revised drawings issued by M/s. LTR, provision of retaining wall below RE wall panel has been shown which is normally is not done. EE, F-132 discussed the issue with Mr. Ganeshan of LTR who also agreed that the same is not required. The location of special RE wall panels and their pattern was also discussed and decided.

The progress of spine segment casting was discussed with Project Manager of M/s. Simplex and it was informed that still the output from four bed is 2-3 segments per bed whereas the requirement is of 4. It was directed to enhance the labour immediately. After detailed discussions, it also emerged that side shuttering for diaphragm segments needs to be increased as there are six soffits for casting of diaphragm segments but only 3 sets of side shutter are there.

Then took the round of casting yard and it was observed that in few segments, spalling of concrete from sides/shear key has occurred during de-shuttering of the sides of spine segments. At one or two locations, minor honeycombing in few segments was observed and it was directed to do the nipple grouting immediately.

After taking the round, it was felt that the system of quality assurance in spine casting needs to be reviewed and enhanced. Accordingly, following direction were issued: -