



PROJECT MANAGER
FLYOVER PROJECT CIRCLE F-13
PUBLIC WORKS DEPARTMENT, GOVT. OF DELHI
MUKARBA CHOWK, G. T. KARNAL ROAD,
DELHI - 110033

Ph: 011-27691871, Fax No.: 011-27691971

E-Mail: pmpwddelhif13@gmail.com

F. No. 23(28-I)/PM/FPC/F-13/PWD/2014/

2526



Date: - 17.10.2014

Inspection Note

Sub: - Inspection Note for the work of "Comprehensive Development of Corridor (Outer Ring Road) between Madhuban Chowk to Mukarba Chowk."

Inspected the site of Madhuban Chowk to Mukarba Chowk on 16.10.2014 along with EE, F-131 and Project Manager of M/s. ITD. First, went to the site of Haryana Canal where reinforcement laying for bridge deck on L.H.S. was in progress. It was informed that this will be casted within 3-4 days. On R.H.S., it will be casted after Chhath Puja.

Then, walked down up to Mukarba Chowk and reviewed the status of drain and footpath on L.H.S. EE was directed to prepare a scheme of service road and footpath including green belt on L.H.S., keeping in view the location of present service road and to be discussed with undersigned. There was traffic jam on L.H.S. due to steel girder of DMRC kept on ground near Badli Chowk. Matter was discussed with Dy. Chief Engineer of DMRC and he was requested to readjust the barricading boards so as to smoothen the traffic in this stretch. On L.H.S., RE wall work was in progress. EE was directed to check the GI stirrups and sand being filled regularly.

Then, went to the casting yard at Dheerpur and reviewed the status of spine casting. Also, discussed the various issues cropped up during meeting with the consultants on 15.10.2014.

Then, took the round of casting yard. It was observed that proper plugging in the side shutter of spine segments from where U reinforcement are protruding out needs to be carried out so as to stop the leakage of cement slurry. It was also directed to maintain the U reinforcement, in vertical stitch/lateral stitch, in proper line and level by fixing external straight bars/angles during casting. These minor issues have already been pointed out on number of occasions during earlier inspections and EE was directed to pay more attention on these aspects.

As per the discussion had with the Consultants on 15.10.2014, following methodology/precautions are suggested to be adopted during casting of spine and wing segments and its erection: -

- (1) Since the minor gap between vertical fin of wing and side of spine surface is being observed during erection/alignment of wings, slope of sides of spines, whether erected or to be erected, should be measured segment-wise and slope of vertical fins of corresponding wings, touching these spines surfaces, should be corrected so that vertical fins of wings properly touch spine surface. If the wing has already been casted, it should be rectified by grinding/chipping of vertical fin. If the corresponding wing has not been casted, then as built slope of spine should be considered while placing the stopper shutter of fins of wings.
- (2) If the spines and wings both have not been casted, while casting the spine segments, its as-built dimensions should be recorded i.e. top width of spine segment, side slope of surfaces, lengths of U hooks in vertical and longitudinal directions coming out from surfaces and kept on record. This data should be transferred to the Engineer looking after the wing casting and that Engineer should ensure the slope of vertical fins as per the slope of side surfaces of spine so that during erection, it perfectly