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F. No. 23(29-I)/CPM/F 1/PWD/2016/ 928

Date: - 12-4-16

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 Project on 12.04.2016 along with the Superintending Engineer, F-12 and Project Manager of M/s. Simplex.

First, went to the Najafgarh Drain to review the erection work. Four longitudinal girders have been erected over Najafgarh Drain in last two spans. The SE, F-12 has informed that he is not allowing further erection of fresh girders as lot of other works like fixing of bracings etc. are pending in other spans which are being ignored by M/s. Simplex and M/s. P&R. The Project Manager of M/s. Simplex was directed to expedite the completion of balance activities and start the erection work on priority.

Then, went over the deck through A-2 ramp, where the concreting around two expansion joints has been done. It was directed to properly finish the concrete surface and ensure its perfect level so as to have a jerk free movement over the expansion joints.

The status of repair of road surface of elevated corridor on R.H.S. between A-2 ramp and Najafgarh Drain was also enquired and the SE, F-12 informed that rectification will be carried out after fixing of expansion joints. It should be ensured that the rectification should not cause any jerk at the location of expansion joints.

The status of repair of crash barrier/central verge by grinding/surface preparation was also enquired. It is felt that number of gangs deployed are less as at number of locations rectification of side crash barrier and central verge is needed. During earlier inspections, it was directed to prepare a list of deficiencies over deck and under deck and got them attended from one end to the other under close monitoring by PWD officials.

A sample of central verge painting was prepared but surface was having number of pin holes and rough surface which is not acceptable. It was directed to prepare the surface properly after filling the pin holes and smoothening the rough surface so that it is not visible after painting.

Then, went over the deck through A-1 ramp where the SE, F-12 showed the sample of filling of gap between central verge and road surface. Still, it was noticed that though at some locations, the gap was properly filled but at other locations, gap was still there. It was directed to properly fill the gap so that there is no ingress of water. Simply sparing the bituminous material will not fill the gap.

In this stretch, between A-1 ramp and Najafgarh Drain also, at number of locations, repair of crash barrier and central verge with respect to the line and level is required but no labour was seen doing any work. The undersigned has emphasized on number of times to deploy more number of gangs at different locations to carry out these activities in a faster manner.

The crash barrier of deck slab was being casted over Najafgarh Drain. It was directed to maintain proper line and level of fascia panels before casting of side crash barriers.

For a long time, it has been directed to start the activity of side kerb channel in the line of rain water spout and also prepare the sample of kerb channel along central verge but no such activity has been started by the agency.

Preparation of kerb channels, painting of side crash barriers after proper repair etc. are very time consuming activities and should be taken up by the agency in full swing as work has already been delayed very badly.

The SE, F-12 was also directed to drive through the area where BC has already been laid to identify location, if any, causing any type of jerk and requiring rectification.

It was noticed that at number of locations, lot of malba was lying on the road surface/ green belts which should be got removed on priority and punitive action as per agreement provisions, should be taken against the agency for not removing the same. During the inspection by Engineer-in-Chief, PWD on 09.04.2016, he also emphasized to keep the project site free of malba and dust and all sincere efforts should be made in this direction.

In the site office, reviewed the other important items. The SE, F-12 was also directed to write to the agency for submitting as-built drawings. He was also directed to take up the matter with the consultant for preparation of Maintenance Manual.

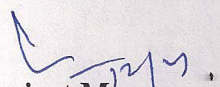
The SE, F-12 was also directed to ensure that all the documents related to the work like test reports, MPRs, videos etc., as per agreement provisions, are complete. He was also directed to supply a CD of final architectural and structural drawings, workshop drawings, design calculations etc. of entire project to the O/o Engineer-in-Chief, Pr. Chief Engineer (Projects) and Chief Project Manager, F-1, PWD.

It was again emphasised that the SE, F-12 should ensure that all the deficiencies, over deck and below deck are got rectified in a systematic manner from one end to the other under close supervision. The sample span of under deck finishing should also be repaired on priority. The under deck finishing involves grinding of stitch concrete joints, rectification of grooves at joints of spine segments, rectification/filling/finishing of joints of horizontal/vertical fins of wing segment with sides of spine segment, filling of smaller holes, etc. All these activities should be got carried out immediately and monitored span by span. The SE, F-12 was directed to see the sample prepared in the span P-2_P-3 in the stretch from Madhuban Chowk to Mukarba Chowk.

The agency has not placed the order of steel work and suspenders for FOB despite repeated persuasion. It should be expedited.

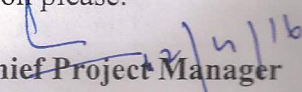
The SE, F-12 was also directed to call the tender for horticulture work immediately.

The agency was also directed to complete the other activities like footpaths, drains etc. on priority.


d Chief Project Manager
(Flyover) 1, PWD

Copy to:-

- (1) The Engineer-in-Chief, PWD, 12th Floor, MSO Building, I.P. Estate, New Delhi for kind information please.
- (2) The Pr. Chief Engineer (Projects), PWD, 9th Floor, MSO Building, I.P. Estate, New Delhi for kind information please.
- (3) The OSD (PWD) to Minister, O/o of the Minister, Power, PWD, Health, Industries & Home, GNCTD, A-Wing, 7th Level, Delhi Secretariat, I.P. Extension, New Delhi-110002 for kind information please.
- (4) The Superintending Engineer, F-12, PWD for information & necessary action please.


d Chief Project Manager
12/4/16