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F. No. 23(29-I)/CPM/F 1/PWD/2015/

2892

Date: - 28-12-15

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 23.12.2015 along with the Superintending Engineer, F-12 and the Project Manager of M/s. Simplex.

Started the inspection from footpath, adjacent to A-2 ramp on R.H.S. This footpath was also earlier inspected by the undersigned. The large number of tiles are having broken edges which should be replaced immediately. It has also been observed that the tiles have not been properly levelled. While fixing the manhole cover over drain, the top of manhole frame/cover should be levelled with respect to the top of kerb stones on both sides so that the same matches with the paver tiles of footpath. The Project Manager of M/s. Simplex was directed to ensure that the footpath work is carried out properly in first place itself, requiring minimum rectification. No damaged tiles should be allowed to be used.

Then, went over the ramp where fixing of APP layer has been started on L.H.S. near P-55. The speed of the fixing of APP layer needs to be expedited. Before fixing of APP layer, deck should be properly cleaned of concrete splatters, cutting of reinforcement and ceiling with epoxy etc. and proper primer should be applied well in advance.

Then, went over the Najafgarh Drain where Service Road Bridge on R.H.S. has been opened to the traffic at concrete surface itself so that erection of portal beams is started. The SE, F-12 was directed to ensure proper sprinkling to avoid dust pollution. It was observed that the fabricated steel girders of portal beams have not been received in complete shape even for one portal. The status of supporting structure for supporting the portal beams during erection was also enquired. Its design should be got vetted from the consultants and should be properly checked with respect to the size of various members and their welding to ensure the same as per approved design.

Then, took the round of the site. The filling in the A-1 ramp has been completed and now vehicles have started reaching from A-1 side ramp over elevated corridor for carrying out various activities. This ramp has been delayed by the agency abnormally.

In the site office, discussed the various activities in detail. The Project Manager of M/s. Simplex showed the shade card of FOSROC for finalisation of colour scheme of anti-carbonation paint. One scheme has already been approved by the E-in-Chief, PWD long ago. Few more combinations were suggested for preparation of samples on priority.

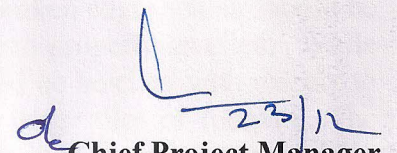
It has also been observed that the agency has not started the underdeck finishing which includes grinding of joints of lateral stitch, repair of grooves at the junction of spine segments, repair around stub of spines where wings have rested, preparation of concrete surface including filling of pin holes before anti-carbonation paint etc. This is a time consuming activity but has not been started till date. The agency informed that they will be starting this activity from the first week of Jan.' 2016.

The other activities of construction of crash barriers, central verge, filling of gap of central verge and crash barrier at the location of deck continuity, APP layer, laying of DBM/BC over the elevated corridor, installation of expansion joints, construction of khurras around the rain water spouts, painting of crash barrier, signages, rain water pipes etc. As already directed earlier, elevated corridor work except nallah portion should be completed by the 31st Jan., 2016. Though, earlier the same was to be completed by 31st Dec.' 2015. The SE, F-12 should take a pier wise/span wise program of all these activities from the agency and monitor the same on daily basis.

It has been observed that the work of approach slab of L.H.S. service road on nallah (A-1 side) has been delayed. It is felt that work is not being carried out with proper advance planning. Ideally, this approach slab should have been casted within a day or so of casting of last deck slab on LHS but even the filling below the approach slab has not been completed. This should be expedited.

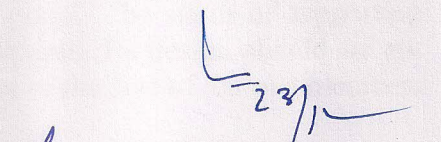
The program of erection of portal beam and longitudinal girder of elevated corridor over nallah portion was also discussed in detail. No detailed program is available with the agency. Even the program submitted by the fabricator M/s. P&R for fabrication and erection has failed. The Project Manager of M/s. Simplex was requested to closely pursue with M/s. P&R for early fabrication and erection of girders.

The work of road, footpath, drains, etc. should also be expedited.


Chief Project Manager
(Flyover) 1, PWD

Copy to:-

- (1) The E-in-Chief (Projects), (Flyover) 1, 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.


Chief Project Manager