

INSPECTION NOTE OF SHRI G.N. SHARMA, SECRETARY PWD RAJASTHAN

Date of Inspection 08.07.2016 & 09.07.2016

District Alwar

Accompanied by ACE Zone-II, Jaipur/SE Alwar/EE Dn-I/II Alwar

S No	Name of Work	Observations	Order	Comply By	Time for compliance
1	Sikandra-Bandikui-Alwar-Tijara section of SH-55	i) This road section is under RIDCOR.	i) SE PWD Circle Alwar to take up the matter with RIDCOR & get done the work of patches and fixing of more informatory sign boards.	SE/ EE-II Alwar	7 days
2	Const. of ITI Building at Tijara (WIP)	<u>Work is in progress</u> i) Steel for reinforcement procured at site. ii) Work of boundary wall was in progress using local sand not confirming to specifications. iii) Lab not installed. iv) Work of main building yet not started. v) Inspection book & QC reports not available at site. vi) Ground water was being used for construction. vii) It has been told by the SE/EE that provision of columns has been taken at centre to centre spacing of 8'6" to 9'3" in the plan of the building except administrative block.	i) Reinforcement to be used only after testing from reputed lab. ii) Testing should be done and use of proper sand as per specification be ensured. iii) Lab should be installed immediately. iv) Work of main building should be started as per construction programme. v) Ensure availability of inspection book & QC reports at site. vi) Water shall be used only after testing. vii) (a) Considering the lesser spacing of columns, it is advised to eliminate one column alternately and subject to structural safety & economy of work. (b) Considering the huge quantum of sanction of this work i.e. & Rs 847.00 lacs, it is advised to get the structural designs approved from the SE PWD Circle Alwar, on getting proof checking certificate from MNIT Jaipur.	SE/ EE-II Alwar	15 days
3	Const. of Govt. College Tijara (Plan Work)	i) Improper groove cutting was seen. ii) Joints of granite flooring not found proper iii) Minor cracks observed at some location. iv) Finishing of plaster is not satisfactory at some places.	i) Grooves of proper shape & thickness should be cut again ii) Proper joints of granite flooring should be done. iii) Cracks should be rectified and reported with photographs. iv) Plaster should be rectified to get fine finish as per specifications.	SE/ EE-II Alwar	7 days
4	Const. of Govt. College Tijara (MSDP) (WIP)	i) Steel for reinforcement procured at site. ii) Shuttering material/Plates for columns is not proper. iii) Local sand not confirming to specifications was in use.	i) Testing of steel for reinforcement be got done from reputed lab before its use. ii) Work be executed only after proper shuttering material/plates. iii) Ensure use of proper sand as per specifications.	SE/ EE-II Alwar	7 days

S.A

Development work of Ghoda Pher Circle to Ahinsha Circle to Kati Ghati Km (5/200 to 7/900) (WIP)	<p>DBM & BC has been done in full width from Km. 5/200 to 7/400 & in half width from Km. 7/400 to 7/900</p> <p>i) Rain water accumulated near Kati Ghati in Km. 8.</p> <p>ii) Reverse slope of houses, private farm houses & ramps was seen which may damage newly constructed B/T work.</p>	<p>i) Proper planning for disposal of rain water is required to be ensured urgently.</p> <p>ii) Proper Planning for disposal of rain water and water from local houses may be done, with proper grade & camber of shoulders.</p> <p>iii) Roughometer testing be done for completed surface of DBM & BC. Plantation in median be ensued as per provision & forest clearance be expedited.</p>	SE/ EF-I Alwar	7 days
6 Development work of Ghoda Pher Circle to Ahinsha Circle to Kati Ghati Km (0/0 to 5/200) (WIP)	<p>i) Thickness of Separation membrane below the PQC.</p> <p>ii) Proper construction joints were not provided.</p> <p>iii) Proper Joint cutting in PQC work was not seen in required time.</p> <p>iv) In Km. 1 and 2, electric pole shifting work is in progress but its progress is slow.</p> <p>v) Segregation of mix material noticed in DBM work at chainage 4/200.</p>	<p>i) Thickness of separation membrane shall be 125 micron which is to be checked regularly.</p> <p>ii) Proper joints be provided as per specifications.</p> <p>iii) Joints of CC be cut within 24 hrs of its casting.</p> <p>iv) Utility shifting work be expedited</p> <p>v) Care be taken to minimise the segregation of material & testing of density be done regularly.</p>	SE/ EF-I Alwar	7 days

(G.N. Sharma)
Secretary to Government
Public Works Department

Dated

No PS/PWS/2016/D-I/54085

Copy to the following for kind information/necessary action/compliance :-

- 1 S.A. to Hon'ble Minister, PWD, Rajasthan, Jaipur.
- 2 Sr.D.S. to Chief Secretary, Government of Rajasthan, Jaipur.
- 3 PS to Addl. Chief Secretary, PWD, Government of Rajasthan, Jaipur.
- 4 Chief Engineer & Addl. Secretary, PWD, Rajasthan, Jaipur.
- 5 Chief Engineer (Road/NH/PMGSY/B/SS/QC), PWD, Rajasthan, Jaipur.
- 6 Additional Chief Engineer, PWD, Zone-II Jaipur
- 7 Superintending Engineer, PWD, Circle Alwar/Circle Rural, Jaipur.
- 8 Executive Engineer, PWD, Dn.I/II Alwar/Phulera
- 9 Executive Engineer (Monitoring), Rajasthan, Secretariat, Jaipur.
- 10 System Analyst (Joint Director), PWD to put up on web site.

Secretary to Government
Public Works Department