HOT MIX ASPHALT – GENERAL CONSTRUCTION REQUIREMENTS – TICKETLESS ASPHALT
(REV 11-25-15)

SUBARTICLE 330-2.1 is deleted and the following substituted:

330-2.1 Minimum QC Requirements: Perform as a minimum, the following activities necessary to maintain process control and meet Specification requirements:

1. Pavement Density: Monitor the pavement temperature with an infrared temperature device so that compaction is completed before the surface temperature of the pavement drops to the extent that effective compaction may not be achieved or the rollers begin to damage the pavement. Monitor the roadway density with either 6 inch diameter roadway cores, a nuclear density gauge, or other density measuring device, at a minimum frequency of once per 1,500 feet of pavement.

2. Mix Temperature: Determine the mix temperature at the roadway for the first five loads and one out of every five loads thereafter.

3. Mix Spread Rate: Monitor the mix spread rate at the beginning of each day’s production, and as needed to control the operations, at a minimum of once per 200 tons placed. When determining the spread rate, use, at a minimum, an average of five truckloads of mix.

4. Pavement Texture: Monitor the pavement texture to minimize pavement segregation. Use density gauges, infrared temperature measurement devices, or roadway cores at the beginning of each day’s production, and as necessary, both at truck exchanges and during normal paving operations.

5. Reporting: Ensure the accuracy of the Quality Control Roadway Reports on the Department’s approved form to reflect the actual surface area of the finished work and be in compliance with the requirements of the Contract Documents.

6. Ticketless Asphalt: Provide a tablet type or similar computer on site with the Paving Operation capable of running the Ticketless Asphalt Inspector Application (either of the following operating systems is confirmed as compatible: Microsoft Windows 7, Microsoft Windows 8, or Microsoft Windows 10). If barcodes are used to deliver the truck ticket information to the paving site, the tablet or computer used must be capable of scanning 2D barcodes. Cameras are not an acceptable scanning device. As trucks unload, use the tablet/computer to either scan the ticket’s barcode into the Ticketless Asphalt Inspector Application or select the truck from the dropdown to download the ticket’s information to the application. Then enter the pertinent information into the application. Use this application to upload the ticket information to the department’s designated database. Also use the Ticketless Asphalt system to generate the Asphalt Roadway – Daily Report of Quality Control.