
Supplemental Technical Specification for

ELECTRONIC MATERIAL TICKET (E-TICKET) FOR ASPHALT PAVING

SCDOT Designation: SC-M-409 (07/25)

1.1 Description

This work shall consist of providing electronic material tickets (e-tickets) for certified weights of all asphalt mixtures (HMA, WMA, SMA, etc.) delivered to the project site.

1.2 Referenced Documents

1.2.1 SCDOT Standard Specifications

1.2.2 Division 300 and Division 400 for all asphalt mixtures

1.3 Equipment

The Department's e-ticketing software is a web-based portal and mobile application (EDOT) provided by HaulHub.

The Contractor (or its Supplier) will be required to establish a live connection to the Department's e-ticketing software. At the Contractor's discretion, this live connection may be made by providing a direct integration to the plant's ticketing system, or by utilizing an API connection through a third-party e-ticketing vendor.

1.4 Electronic Delivery and E-Ticket Requirements

Upon receiving Notice to Proceed from the RCE, but no later than 14 days prior to providing material to the project, the Contractor must conduct a test of its (or its Supplier's) integration with the Department's e-ticketing portal; this test must be conducted for each Contractor/Supplier approved to provide asphalt material to the project. This test will involve generating at least five (5) calibrated e-tickets. Once the RCE confirms that all test e-tickets were delivered to the Department's portal, the test e-tickets shall be voided with the reason "Calibration Testing".

Uptime reliability of the material supplier's delivery system shall be 99.5% over any 30-day rolling period. Uptime is defined as the ability to transmit e-tickets into the Department's e-ticketing portal no more than 10 minutes from when the e-ticket was created.

E-Tickets shall contain the following data/information:

- Date
- Ticket Number
- SCDOT Contract/File Number
- SCDOT Contract/File Description
- Name of Contractor
- Name of Supplier
- Name of Plant/Scale
- Name of Weighmaster
- Mixture Type
- SCDOT Job Mix Number
- Unique Truck Identification Number
- Ticketed Time
- Gross Weight of the Loaded Truck (TONS)

- Tare Weight of the Truck (TONS)
- Net Weight of the Asphalt Mixture (TONS)
- Cumulative Daily Total (TONS)

All weights provided on e-tickets shall be accurate to 0.01 TONS.

Loads delivered without a corresponding e-ticket may be rejected. For circumstances beyond the Contractor's control, and the discretion of the RCE, paper tickets may be permitted until the end of the paving session/shift.

Loads with an e-ticket missing any of the required information may be rejected.

Loads with e-tickets received in the Department's e-ticketing portal after the 10-minute maximum uptime may be rejected.

E-Tickets shall not be re-issued without prior approval from the RCE. Loads with a re-issued e-ticket without prior approval from the RCE may be rejected.

1.5 Measurement

No direct measurements will be made for electronic material ticketing.

1.6 Payment

No additional compensation will be made for providing electronic material tickets, and all costs shall be considered incidental to the weighted material being provided.