

STATE**OF****TENNESSEE**

August 21, 2023
(Rev. 12-20-23)

January 1, 2021

SPECIAL PROVISION**REGARDING****ELECTRONIC TICKET DELIVERY SYSTEM****FOR AGGREGATE****Description**

This work shall consist of the use of an Electronic Ticket Delivery System (e-ticketing) for certified weights of aggregate delivered to the project site.

Construction Requirements

Provide electronic Certified Public Weigher e-tickets for each load of aggregates that are delivered to the project. E-tickets shall be automatically generated using a combined software and hardware fleet management system or an e-ticketing delivery system. Fully integrate the e-ticketing system with the load read out scale system used to weigh the material being delivered.

The system shall be capable of maintaining the data offline due to loss of power or connectivity.

Provide real time continuous ticketing system access to the Department for the duration of the project using a web based application. E-ticketing delivery system shall be identified and access granted after an agreement has been reached between the Contractor and Department. Provide on-site technical assistance for the e-ticketing system at the Pre-Construction Meeting and as needed throughout the project to operate the system. Do not deliver any aggregate to the project that will use the e-ticketing system before an agreement has been reached. Notify the Department before delivering and stockpiling aggregate to be used on the project site.

The e-ticketing system shall allow individual certified e-tickets and generate daily summary sheets to be exported as PDF files by the Department. The system shall be designed so data inputs cannot be altered by either the Contractor or the Department. The Department shall have the ability to make notes on each e-ticket for documentation (e.g., comments, rejection of load). At the end of each shift, generate a shift summary sheet of the e-tickets and make available to the Engineer within 24 hours of the materials being placed. The e-ticket and summary sheet shall list all the required information in tabular form and be digitally signed by a Certified Public Weigher. Any loads in excess of the legal weight limit shall be rejected and no payment will be issued.

The certified e-tickets for aggregates shall be accessible real time at any point prior to, during or after placement of the material. The certified e-tickets and shift summary sheets shall include the following:

1. Material Type, Item Description
2. Project Number, County, Route
3. Date
4. Ticket number
5. Gross weight of the loaded truck
6. Tare weight of the truck
7. Net weight of material to be paid
8. Running daily total for the material
9. Truck number
10. Truck legal limit
11. Time loaded
12. Time offloaded
13. Engineer Comments (if applicable)

Method of Measurement

Utilize an electronic ticket delivery system (e-ticketing) for aggregate as specified. If any e-tickets or the shift summary sheets are not available to the Engineer, payment may be withheld for the items of work on the monthly estimate.

Basis of Payment

The Department will not directly pay for the electronic ticket delivery system (e-ticketing) separately. The contract unit prices for the materials that e-tickets are required to be used shall be full compensation for all activities, including materials, equipment, labor, and any incidentals to complete the work as specified.