

Nebraska Department of Transportation E-Ticketing

Glossary:

Term	Description
Application Programming Interface (API)	A way for the Producer's (or Supplier's) load-out/materials handling system to communicate with the NDOT E-Ticketing Portal.
Authorized user key	A unique credential provided to the material supplier for their secure submission of ticket data
Connectivity	1. The ability to connect from the material producer/supplier to the NDOT E-Ticketing Portal for the purpose of transmitting material records for the purpose of producing an E-Ticket. The ability to connect can be any feasible digital/electronic means to transmit the material records.
	2. The ability to connect from the NDOT E-Ticketing Portal to a smart device located near the material load's point of delivery for the purpose of receiving an E-Ticket.
Document-of-Record	A document that certifies the represented material records are accurate.
E-Ticket	Digital representation of a Material ticket.
Load	An individual delivery of a material (typically but not necessary a bulk load) to a specific project.
Material record	Distinct information pertaining to the material being delivered that is represented by a material ticket. A material record may be a numerical value, word or phrase and may be printed text for paper documents or digital data records for E-Tickets. The material record will represent a unit of measure, ratio, percentage, product name, material type or kind, descriptive text or other similar information about the material being delivered.
Material Ticket	A paper ticket or E-Ticket that is the document-of-record that represents a load of material delivered to a project. Material tickets provide "materials records" for load characteristics including project identification, quantity, type and/or description, date/time of delivery and delivery vehicle identification. Material tickets may also be required to include "material records" that represent physical or other aspects of the material being delivered.
NDOT	Nebraska Department of Transportation
NDOT E-Ticketing Portal	A web-based platform that collects (allows for the transmission of) digital material record from a material producer into a single user interface for the purpose of producing an E-Ticket.

Service Level Agreement (SLA)	An SLA outlines the expected standards for service, data security, and data availability for users of the NDOT E-Ticketing Portal. If integration Option 2 or Option 3 (<i>above</i>) are chosen, the supplier/producer or their 3rd party vendor takes responsibility for ensuring data availability and providing support for the integration.
Test of the ability to transmit materials records	This process involves the material producer/supplier and contractor sharing test data with the NDOT E-Ticketing Portal to ensure the readiness of the data connection for live projects. The goal is to confirm the presence of all correct data and ensure the seamless flow of information from the plant to the NDOT Portal in a timely manner. This test ensures that the system is fully prepared for real-world material record transmission.