

PROPOSAL TO STANDARDS COMMITTEE

PROBLEM(S) ENCOUNTERED: The industry is beginning to implement electronic ticketing (e-ticketing) as a result of the 2022 RSP allowing e-ticketing in place of paper and a 2022 memo describing the implementation. However, greater opportunities for e-ticketing adoption exist. Especially with HMA, Concrete Ready Mix, and Aggregate e-ticketing which forms the bulk of highway construction material jobsite delivery. CM Dept is interested in increasing the total number of suppliers and contractors participating in e-ticket material delivery. CM Dept is also interested in increasing the total number of contracts utilizing e-ticketing even for those suppliers and contractors that have already started e-ticketing.

PROPOSED SOLUTION: Implement an e-ticket Incentive RSP for a period of time to encourage adoption and supplement the technology costs associated with implementing and maintaining e-ticketing systems. A new pay item "e-ticket incentive" will be applied on a per ticket basis for all e-tickets furnished and marked delivered in the INDOT e-ticket portal. This incentive is expected to increase the number of suppliers and contractors adopting e-ticketing technology while also increasing the scale of adoption of e-ticketing by suppliers and contractors that have already started e-ticketing with the Department.

APPLICABLE STANDARD SPECIFICATIONS: 106.01(b),

APPLICABLE STANDARD DRAWINGS: N/A

APPLICABLE DESIGN MANUAL SECTION: N/A

APPLICABLE SECTION OF GIFE: 13.19

APPLICABLE RECURRING SPECIAL PROVISIONS: N/A

PAY ITEMS AFFECTED: N/A

APPLICABLE SUB-COMMITTEE ENDORSEMENT: The potential for an e-ticket incentive has been shared with ICI and APAI.

IF APPROVED AS RECURRING SPECIAL PROVISION OR PLAN DETAILS, PROPOSED BASIS FOR USE: Required for all contracts except LPA sponsored contracts.

IMPACT ANALYSIS (attach report):

Submitted By: Joe Novak

Title: State Construction Engineer

Organization: INDOT

Phone Number: 317-501-7805

Date:

IMPACT ANALYSIS REPORT CHECKLIST

*Explain the business case as to why this item should be presented to the Standards Committee for approval.
Answer the following questions with Yes, No or N/A.*

Does this item appear in any other specification sections? No

Will approval of this item affect the Approved Materials List? No

Will this proposal improve:

Construction costs? No

Construction time? Yes

Customer satisfaction? Yes

Congestion/travel time? No

Ride quality? No

Will this proposal reduce operational costs or maintenance effort? No

Will this item improve safety:

For motorists? No

For construction workers? Yes

Will this proposal improve quality for:

Construction procedures/processes? Yes

Asset preservation? No

Design process? No

Will this change provide the contractor more flexibility? Yes

Will this proposal provide clarification for the Contractor and field personnel? Yes

Can this item improve/reduce the number of potential change orders? No

Is this proposal needed for compliance with:

Federal or State regulations? No

AASHTO or other design code? No

Is this item editorial? No

Provide any further information as to why this proposal should be placed on the
Standards Committee meeting Agenda: N/A

REVISION TO SPECIAL PROVISIONS

PROPOSED NEW: 106-C-xxx E-TICKETING INCENTIVE

(Discussion on this Item from May 18, 2023 meeting)

106-C-xxx E-TICKETING INCENTIVE

(Adopted xx-xx-23)

Description

This work shall consist of furnishing an electronic material delivery ticket, e-ticket, and delivering the e-ticket to the Department's e-ticketing portal, MyDOTportal, in accordance with 105.03.

Requirements

The Department will pay an incentive for each e-ticket which is delivered to the Department's e-ticketing portal. The incentive will only apply to e-tickets which are:

- (a) The latter of submitted after June 30, 2023 or the date this provision was added to the contract,
- (b) One of the following material types: Asphalt, Concrete, or Aggregate,
- (c) Marked "Delivered" by Department personnel in MyDOTportal, and
- (d) Utilized as the basis of payment or source document in the final construction record.

The e-ticket furnished and delivered to the Department's e-ticketing portal shall be in accordance with 106.01(b)1. The information provided on each e-ticket furnished shall be in accordance with 106.01(b)2.

Method of Measurement

The e-ticket incentive will be measured by the number of tickets, furnished and delivered to the Department's e-ticketing portal. The Department will provide a report to the Contractor showing the number of delivered tickets per supplier.

Basis of Payment

The e-ticket incentive will be paid for at the contract unit price per each ticket, furnished and delivered to the Department's e-ticketing portal. The unit price for this incentive will be \$2.00 per ticket. The incentive will be applied as a one-time payment on the partial pay estimate after the contract is substantially complete.

Payment will be made under:

Pay Item	Pay Unit Symbol
E-Ticket Incentive.....	EACH

The incentive will not apply to alternate e-ticket systems selected by the Contractor or Supplier that do not furnish and deliver e-tickets to the Department's e-ticketing portal.

COMMENTS AND ACTION

106-C-xxx E-TICKETING INCENTIVE

DISCUSSION:

	<u>Action:</u>
Motion:	
Second:	
Ayes:	<input type="checkbox"/> Passed as Submitted
Nays:	<input type="checkbox"/> Passed as Revised
FHWA Approval:	<input type="checkbox"/> Withdrawn
2024 Standard Specifications Sections referenced and/or affected: 106.01(b) pg 64.	<input type="checkbox"/> 2026 Standard Specifications Revise Pay Items List Notification to Designers if change is <u>not</u> addressed by RSP
Recurring Special Provisions or Plan Details: proposed new	<input type="checkbox"/> Create RSP (No. __) Effective:
Standard Drawing affected: NONE	<input type="checkbox"/> Revise RSP (No. __) Effective:
Design Manual Sections affected: NONE	<input type="checkbox"/> Standard Drawing Effective:
GIFE Sections cross-references: 13.19	<input type="checkbox"/> Create RPD (No. __) Effective:
	<input type="checkbox"/> GIFE Update
	<input type="checkbox"/> Frequency Manual Update
	<input type="checkbox"/> SiteManager Update