

Metropolitan Intelligent Transportation Systems (ITS) Infrastructure 2010 Electronic Toll Collection Survey

Chicago-Naperville-Joliet, IL-IN-WI

Instructions

This questionnaire will be completed by toll collection agencies. The results of this survey will be used to establish the extent of ITS deployment, to track deployment progress, and to report deployment status to Congress and other interested bodies.

Your participation is very important to ensuring a complete and accurate tracking of ITS deployment in the United States. Thank you for your assistance with this survey effort. Your cooperation is greatly appreciated.

Electronic Toll Collection Facilities

1. Total number of toll collection plazas operated:
2. Total number of toll collection plazas with Electronic Toll Collection (ETC) capabilities:
3. Total number of toll collection lanes operated:
4. Total number of toll collection lanes with Electronic Toll Collection (ETC) capabilities:
5. For non-commercial passenger vehicles, how much does your agency charge by mile on your toll roads (only include fixed-rate charges)?
6. Is there a discount for ETC use?
- Yes, please describe:
- No
7. Your agency's approximate total number of ETC customer accounts:
8. How does your agency process its customer accounts? (Check all that apply)
- Agency staff processes customer accounts in-house
- The agency uses a bank to process customer accounts
- The agency contracts out the processing of customer accounts to a private (non-bank) firm
- Other (please specify):

Technology

9. Is your transponder technology proprietary or non-proprietary?
- Proprietary
- Non-proprietary
10. What is the cost per transponder to your agency?
11. In the next 2-3 years, does your agency have plans to...
- | | Yes | No | Don't Know |
|---|--------------------------|--------------------------|-------------------------------------|
| a. Change to a different transponder technology? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b. Switch to a different single-transponder reader? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c. Switch to a multi-transponder reader? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Integration

12. Are your tags used by any other toll operators in your metropolitan area?
- Yes
- No
- No other toll operators in my metropolitan area
13. Are your tags used by other toll operators in your state?
- Yes
- No
- No other toll operators in my state

14. Are your tags used by other states?

Yes, what states?

IPASS is interoperable with EZPASS We are members of the Inter Agency Group.

No

Congestion Pricing

15. Does your agency currently use congestion pricing (e.g., strategies that set the price of a toll to rise and fall to reduce congestion)?

Yes

No, do you plan to use a congestion pricing strategy in the next few years?

Yes

No

16. Does your agency use High Occupancy Toll (HOT) lanes?

Yes

No

ITS Funding

17. Does your agency have a separate budget for ITS?

Yes, please indicate whether you track the budget separately for each of the following categories: (Check all that apply)

ITS Deployments

ITS Operations and Maintenance

Traffic Management or Operations Center

Other (please specify): see other surveys

Do not track categories separately

No

ITS Purchase Decisions

18. Please rate the importance of each of the following factors to your agency's decision to purchase ITS technologies:

<i>Factor</i>	<i>Not at all Important</i>	<i>Not very Important</i>	<i>Neutral</i>	<i>Somewhat Important</i>	<i>Very Important</i>
Price of equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Public/constituent's Involvement	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Funding/grant availability	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mobility benefits (e.g., to address congestion)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Safety benefits	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Environmental benefits	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Integration with other agencies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Integration with your current technologies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Already used by other agencies	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (please specify): maintainability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

19. Does your agency have any plans to invest in new ITS technology or to expand current ITS coverage in 2010 through 2013?

Yes (Check all that apply)

Invest in new ITS, please describe:

Weigh in motion, rtms coverage and increased granularity of data, video incident detection system,type II DMS deployment, ramp queue detection deployment expansion, ramp queue detection signal interconnect system, intellidrive device deployment- cooperative multi-state effort to secure funding for demo deployment, CCTV

Expand current ITS coverage

No

Additional Comments

20. Please use the space below to provide any additional comments regarding your agency's deployment, operations or maintenance of ITS. (Please be as specific as possible when commenting on particular ITS technologies.)

Maintenance is a challenge considering rapid system growth and expansion of ITS, ever changing technology, and realistic budgeting of funds to place maintenance on a preventive, proactive basis rather than being reactive. Functionality must guide deployment of ITS on the Tollway. Lack of consultant and contractor knowledge and understanding of ITS systems is a formidable challenge to rapid, successful deployment.