2002 Electronic Toll Collection Survey

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

4. Total number of toll collection lanes with Electronic Toll Collection (ETC) capabilities

5. Are your tags used by other toll operators in your metropolitan area?

6. Please check the ITS standards that are used in your operational electronic toll collection systems. The U.S. DOT ITS Standards Program recognizes that there may be other ITS standards surveys being conducted by other entities. If this is the case, please pardon any overlap; however, your input to these surveys will help the U.S. DOT ITS Standards Program better serve your needs and requirements. These are toll/fee collection systems. If no standards are used, skip to the question
   IEEE P1556 - Security/Privacy of Vehicle/RS Communications including Smart Card Communications
   IEEE Std 1455-1999 - Standard for Message Sets for Vehicle/Roadside Communications
   IEEE Std 1488-2000 - Trial-Use Standard for Message Set Template for Intelligent Transportation Systems
   IEEE Std 1489-1999 - Standard for Data Dictionaries for Intelligent Transportation Systems

7. What factors helped your agency decide to use ITS standards? Please pick top three factors
   Options offered in the standards
   Products employ standards
   Regional architecture document requirements
   Additional funding provided
   Integration opportunities
   Consultant or integrator’s recommendation
8. For ITS standards that are used in operational systems, what level of detail was specified in the procurement specification document(s)?
   Brief statement such as "Devices must be NTCIP compliant" was used. Please list the project name(s) that included this statement

   A detailed write up of the specification and options from the standard was developed by: Please list project name(s) next to each option
   Agency (in-house)
   Consultant
   Systems integrator

9. If you are using ITS standards, do you feel that using the standards helped with the integration needs for your agency? Please list project name(s) next to each option
   Absolutely
   Somewhat
   Not exactly

10. If no ITS standards are currently used, what factors will ensure that your agency uses ITS standards? Please pick top three factors (if standards are used check no. 1 on the first option and move on to next question).
   We are already committed to using standards
   Vendors providing products that use ITS standards
   Standards being accepted by the ITS community and being used in deployments
   Training and technical support being provided to my agency
   My agency being involved with standards development
   Additional funding being provided to use the standards
   Standards use enables interoperability of systems
   Other (please specify)

11. What tool, resource, or support mechanism was or would be most helpful for implementing the standards? Please pick top three.
   Training courses
   Standards documents
   Workshops Standards
   Web site
   Standards forum
   Reference implementation
   E-mail bulletins
   Resource documents (i.e. user guides and reference notebooks)
   Testing tools
   Case studies of other similar projects that used standards successfully
   Other (please specify)
Technical assistance. Again, please pick top three

Colleagues (who have deployed standards)
ITS Specialist
Consultants
Other (please specify)

12. If plans for using ITS standards are underway in projects, at what stage will these deployment projects be in the spring of 2002? Please list project name(s) next to each option.

- Transportation Improvement Plan
- Procurement specification
- Systems integration
- System testing and acceptance

13. Who can we contact in your agency regarding ITS standards?

Name:
Affiliation:
Phone:
E-mail:

14. Does your agency participate in a statewide disaster planning program?

- Yes
- No
- Don’t Know

15. Is your agency willing to share COST information on ITS-related equipment (i.e., capital and O&M cost, and brief equipment description)? This information will be used to update the ITS JPO sponsored ITS unit cost database. This database provides ITS cost data for ITS implementation and is accessible at the following URL: http://www.benefitcost.its.dot.gov/.

Yes, please provide name and phone number of the cost information contact if different from respondent. This person will be contacted for the cost information at a later date.

- No

16. Is your agency willing to share BENEFITS information from ITS deployment?

Yes, please provide name and phone number of the benefits information contact if different from respondent. This person will be contacted for the benefits information at a later date.

- No