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