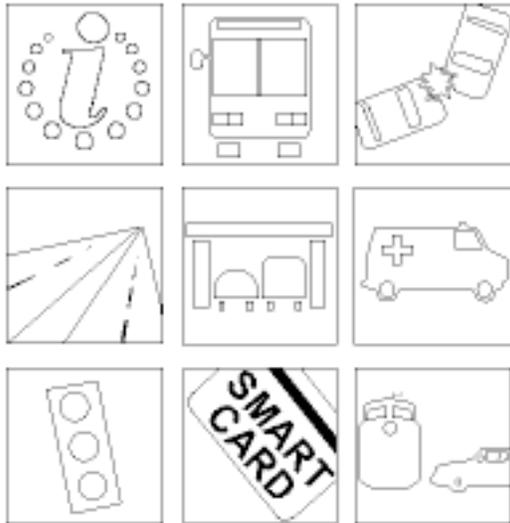




Metropolitan Intelligent Transportation Systems (ITS) Infrastructure 2000 Electronic Toll Collection Survey



What are Intelligent Transportation Systems (ITS)?

The term "intelligent transportation system" means electronics, communications, or information processing used singly or in combination to improve the efficiency or safety of a surface transportation system.

*Transportation Equity Act
for the 21st Century*

This survey is one of several that are being distributed to a selected group of transportation agencies in 78 of the largest metropolitan areas in the United States. It is designed to collect changes made by your metropolitan area in the last year. The information collected by this survey is used by the U.S. Department of Transportation for ITS program planning, goal setting, performance assessment, and professional capacity building.

We are providing the information collected from your agency in 1999 and are asking you to make any changes that reflect conditions in your metropolitan area as of June 2000 as well as any changes to the 2005 estimate provided in 1999 in the space provided. If there are no changes from last year, please indicate so by checking the **"Verified 1999 data; no change"** box.

Results of the 1999 data gathering effort are available at the following web site:
<http://itsdeployment.ed.ornl.gov/its99>. Site reports can be directly viewed or downloaded from the following URL: <http://itsdeployment.ed.ornl.gov/its99/sitereports.html>.

Please address any technical questions concerning this survey to either Jeff Trombly at 865-481-8563 or Juan Noltenius at 865-481-2839.

Thank you for your help.

Please mail the completed survey to:
Angela Ryan
Science Applications International Corporation
301 Laboratory Road
Oak Ridge, TN 37830
Or Fax it at: 865-481-2941

Agency name goes here



Responses for the questions should be limited to the boundary depicted in the enclosed map of your metropolitan area and not for the entire toll system operated by your agency. (NR = No Response)

1. Please review the first two columns containing information your agency provided in 1999. Enter any changes for 2000 in the last two columns or check the box at the bottom if there are no changes.

| | Total in 1999 | 1999 Estimated Total by 2005 | Total in 2000 | 2000 Estimated Total by 2005 |
|--|----------------------|---------------------------------------|----------------------|---------------------------------------|
| Total number of toll collection plazas operated..... | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Total number of toll collection plazas with Electronic Toll Collection (ETC) capabilities..... | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Total number of toll collection lanes..... | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Total number of toll collection lanes with Electronic Toll Collection (ETC) capabilities..... | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

Verified 1999 data; no change

2. Your tags are used by other toll operators in your metropolitan area..... 1999 Response 2000 Response

Please indicate the agency

- Local agencies go here
- Other (please specify) _____
- Other (please specify) _____

3. Your toll tags are used by operators of public transit to pay fares in your metropolitan area..... 1999 Response 2000 Response

Please indicate the agency

- Local agencies go here
- Other (please specify) _____
- Other (please specify) _____



QUESTIONS 4 THROUGH 10 RELATE TO THE NATIONAL ITS ARCHITECTURE.

4. Have any members of your staff attended USDOT-sponsored National ITS Architecture training courses?

- Yes
- No

If not, why not? (check as many as apply)

- We are unaware of the availability USDOT-sponsored architecture training courses.
- We are aware of such training, but have no funding to support staff participation.
- We plan to send a member of our staff to the training courses within the year.
- We are aware of such training, but it is not a priority to send staff to participate.
- Other (please specify) _____

Don't Know

5. Is your agency involved in an organized effort to develop a regional ITS architecture?

- Yes

If yes, what is the status of the regional architecture?

- Our region has a fully developed regional ITS architecture undergoing continuing development and updating.
- Our regional ITS architecture is under initial development

- No

If not, why not?

- There is no such effort under way in our region. **Go to question 10**
- There is such an effort in our region, but we are not involved with it. **Go to question 10**

Don't know if my agency is involved with architecture development. **Go to question 10**

6. If you answered yes to question 5, what other agencies are involved, and which one is the lead for the effort? Check the type(s) of agency involved in the effort (Do not check your own agency type unless there is another agency of your type that is involved with the effort.) Circle the agency that is leading the regional architecture effort (If you are the lead agency, circle your agency type; if it is also checked, we will know that you are the lead and there is another agency of your type involved in the effort.)

- State department of transportation
- County highway authority(s)
- City transportation department(s)
- Transit property(s)
- Rail agency
- MPO
- Fire department(s)
- Local police department(s)
- State police/Highway patrol
- Other emergency services provider(s) (please specify) _____
- Toll authority(s)
- Airport authority
- Other port authority (please specify) _____
- Freight shippers (private sector)
- Traveler information service providers (private sector)
- Other (please specify) _____
- Don't know



7. What is the nature of the regional architecture?

- Encompasses a single county
- Encompasses more than one county
- Encompasses entire state
- Encompasses a corridor
- Don't know

8. Have you attempted to develop project architectures within your regional architecture? If so, how many?

- Yes Number:
- No
- Don't know

9. How long has your agency been involved with the region's architecture development effort?

- Less than one year
- One to two years
- Longer than two years
- Don't know

10. Has any organization provided you with information concerning architecture development activities?

- No **Go to question 11**
- Don't know **Go to question 11**
- Yes **Please indicate which organization and check if the information was useful.**

| Organization | Check if Information Was Received | Check if Information Was Useful |
|--------------------------------------|--------------------------------------|------------------------------------|
| FHWA..... | <input type="checkbox"/> | <input type="checkbox"/> |
| ITS America State Chapter..... | <input type="checkbox"/> | <input type="checkbox"/> |
| FTA..... | <input type="checkbox"/> | <input type="checkbox"/> |
| ITS America (national)..... | <input type="checkbox"/> | <input type="checkbox"/> |
| APTA..... | <input type="checkbox"/> | <input type="checkbox"/> |
| ITE..... | <input type="checkbox"/> | <input type="checkbox"/> |
| AASHTO..... | <input type="checkbox"/> | <input type="checkbox"/> |
| APA..... | <input type="checkbox"/> | <input type="checkbox"/> |
| AMPO..... | <input type="checkbox"/> | <input type="checkbox"/> |
| Other (<i>please specify</i>)..... | <input type="checkbox"/> | <input type="checkbox"/> |

11. 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.its.dot.gov/eval/itsbenefits.htm>

- No
- 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.



If there is anything else you want to tell us about any ITS efforts in your agency, please use this space for that purpose. Also, any comments you wish to make that you think may help us in future efforts to track ITS deployment will be appreciated, either here or in a separate letter.

Your contribution to this effort is greatly appreciated. If you would like to receive a copy of your metropolitan area report and the national summary report, please indicate below. (Circle the number of your answer)

- Yes, send a copy of the reports to me.
- No, do not send a copy of the reports to me.