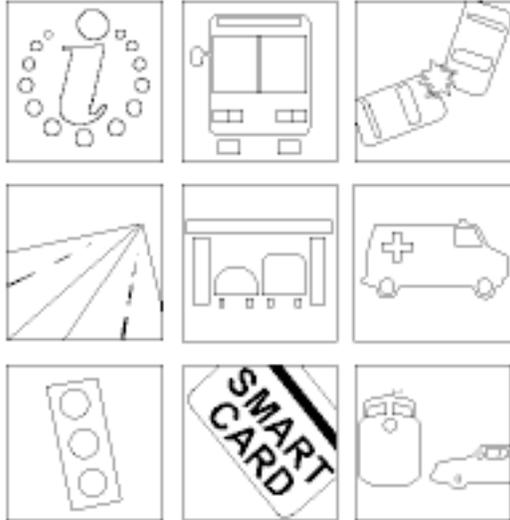




*Metropolitan  
Intelligent Transportation Systems (ITS) Infrastructure  
2000 Metropolitan Planning Organization Survey*



**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. If there are no changes from last year, please indicate so by checking the “**2000 data same as 1999 response**” box. There are also some additional questions that were not asked in 1999.

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  
 P.O. Box 2501  
 Oak Ridge, TN 37831  
 Or fax it at: 865-481-2941



Please examine the map on the previous page and make any changes to the metropolitan transportation planning boundary if necessary. Please review the first column containing information your agency provided in 1999. Enter any changes for 2000 in the second column or check the box at the bottom if there are no changes. (NR = No Response)

	1999 Response	2000 Response
<b>1. An Intelligent Transportation System (ITS) Plan or Strategy exists in your metropolitan area.....</b>	<input type="checkbox"/>	<input type="checkbox"/>
The plan is coordinated with the state.....	<input type="checkbox"/>	<input type="checkbox"/>
The plan is coordinated with any other Metropolitan Planning Organization.....	<input type="checkbox"/>	<input type="checkbox"/>
The plan addresses coordination of regional operations.....	<input type="checkbox"/>	<input type="checkbox"/>
The plan describes general functions and integration between agencies and jurisdictions.....	<input type="checkbox"/>	<input type="checkbox"/>
The ITS plan or strategy is part of your twenty year Transportation Plan.....	<input type="checkbox"/>	<input type="checkbox"/>

	1999 Response	2000 Response
<b>2a. An ongoing forum exists in your metropolitan area for traditional agencies (i.e., freeway management and traffic signal control agencies) to meet to discuss ITS issues.....</b>	<input type="checkbox"/>	<input type="checkbox"/>
<b>2b. An ongoing forum exists in your metropolitan area for non-traditional agencies (i.e., police, fire, medical services, and human resource agencies) to meet and discuss ITS issues.....</b>	<input type="checkbox"/>	<input type="checkbox"/>

*(In 1999, three choices were provided in responding to the above questions; Yes, No and Don't Know.)*

2000 data same as 1999 response

**3. Are there any written agreements that define or establish multi-agency programs, system development, management strategies, operational plans and procedures in your metropolitan area?**

- No            **Go to question 4**
- Don't Know   **Go to question 4**
- Yes            **Please answer the following questions:**

- a. Do they exist for Incident Management?
  - Yes
  - No
- b. Do they exist for Highway Traffic Operations?
  - Yes
  - No
- c. Do they exist for Arterial Operations?
  - Yes
  - No
- d. Do they exist for Special Event Management?
  - Yes
  - No



**4. Are there technology agreements in place in your metropolitan area to use similar hardware, software, databases, protocol, configuration management, and system or regional standards to establish and maintain the ability to electronically share information between agencies?**

- Yes  
 No  
 Don't Know

**QUESTIONS 5 THROUGH 12 RELATE TO THE NATIONAL ITS ARCHITECTURE.**

**5. 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

**6. 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 11**  
 There is such an effort in our region, but we are not involved with it. **Go to question 11**

- Don't know if my agency is involved with architecture development. **Go to question 11**



**7. If you answered yes to question 6, 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

**8. 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

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

- Yes    Number:
- No
- Don't know

**10. 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



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

- No **Go to question 12**
- Don't know **Go to question 12**
- 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"/>

**12. Is the regional ITS architecture referenced in official planning documents, such as the regional transportation plan or the TIP?**

- No
- Yes

If yes, what is the year of the planning document in which the regional ITS architecture is first referenced? \_\_\_\_\_

**13. Does your region have a multi-year strategic plan that focuses on:**

- a. Highway traffic operations and freeway management systems?
  - Yes
  - No
- b. Arterial operations and traffic signal control systems?
  - Yes
  - No
- c. Incident management and emergency services?
  - Yes
  - No
- d. Traveler information?
  - Yes
  - No

If these plans exist, are they a component of the 20 year transportation plan for the region?

- Yes
- No

If these plans exist, are they a component of the ITS Strategy for the region?

- Yes
- No



**14. 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.

**15. Is your agency willing to share information on BENEFITS from ITS deployment?**

- No  
 Yes, please provide name and phone number of the **benefits** 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.**

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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.