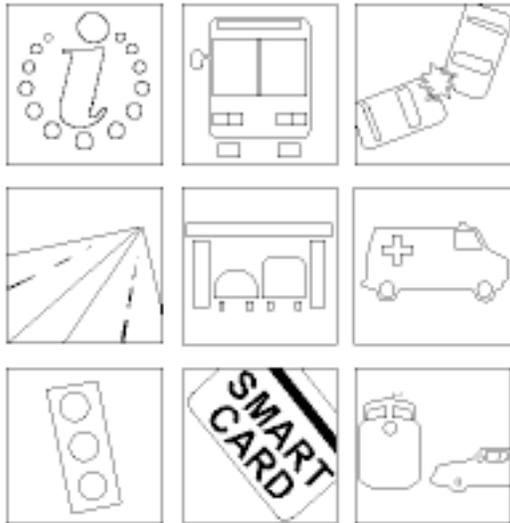




*Metropolitan  
Intelligent Transportation Systems (ITS) Infrastructure  
2000 Emergency Management Survey*



### 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. The information collected by this survey will be used by the U.S. Department of Transportation for ITS program planning, goal setting, performance assessment, and professional capacity building.

This Emergency Management survey contains questions about the type of vehicles you operate and their capabilities. 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. There are also some additional questions concerning incident management 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  
301 Laboratory Road  
Oak Ridge, TN 37830  
or Fax it at: 865-481-2941

Agency name goes here



**1. Fleet characteristics:**

**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
Total number of emergency response vehicles operated.....	<input type="text"/>	<input type="text"/>
Estimated number of emergency response vehicles operated by 2005.....	<input type="text"/>	<input type="text"/>
Total number of emergency response vehicles equipped with on-board navigation capability (i.e., digital map).....	<input type="text"/>	<input type="text"/>
Estimated number of emergency response vehicles equipped with on-board navigation capability by 2005 (i.e., digital map).....	<input type="text"/>	<input type="text"/>
Total number of emergency response vehicles under a computer-aided dispatch system (CAD).....	<input type="text"/>	<input type="text"/>
Estimated number of emergency response vehicles under a computer-aided dispatch system (CAD) by 2005.....	<input type="text"/>	<input type="text"/>
Total number of emergency response vehicles with traffic signal system communications (i.e., signal preemption).....	<input type="text"/>	<input type="text"/>
Estimated number of emergency response vehicles with traffic signal system communications by 2005 (i.e., signal preemption).....	<input type="text"/>	<input type="text"/>

**Verified 1999 data; no change**

**2. Does your agency participate in a formal multi-agency regional program to coordinate management of highway incidents that meets on a regular basis to evaluate and improve coordinated incident response and to address traffic problems as well?**

- No
- Yes

**3. Please indicate the public safety agencies with which your agency exchanges incident information in an automated manner.**

- Local agencies go here
- Other (please specify) \_\_\_\_\_
- Do not exchange automated incident information.



**4. Does your agency send information on incident clearance activities, incident severity, incident location, and/or incident type to another agency in your metropolitan area?**

- No  
 Yes

**5. Has a multi-agency contact list been developed in your area containing the names, phone numbers, pager numbers, and other pertinent information for the appropriate response personnel?**

- No  
 Yes  
 Don't know

**6. Is the Incident Command System (ICS) used to manage incident scenes?**

- No  
 Yes  
 Don't know

**7. Is there a legal specification by state law or formal agreement as to who is "in charge" at the incident scene (Incident Commander)?**

- Specified by state law (if so, who?)  
 Formal agreement (if so, who?)  
 Not specified or don't know



**8. Is the Unified Command System (UCS) used to manage incidents?**

- No  
 Yes  
 Don't know

**9. Has a plan been developed and adopted by responding agencies for staging and parking response vehicles and equipment at an incident site in a manner that minimizes lane blockage and facilitates the re-opening of lanes?**

- No  
 Yes  
 Don't know

**10. Are respondents protected through law or court opinion for liability claims for damages to vehicles or cargoes during clearance activities so long as the removal was not done in a careless or grossly negligent manner?**

- No  
 Yes  
 Don't know  
 Legislation or action being planned

**11. Does your state or local jurisdiction have a law that requires drivers involved in property-damage-only accidents (where vehicles can be driven) to move the vehicles from travel lanes to a safe location to exchange information or wait for police?**

- No  
 Yes  
 Legislation is in progress



**12. Are there any laws or policies regarding the removal of stalled or abandoned vehicles from freeway shoulders in your metropolitan area?**

- No                    **go to question 16**
- Don't know        **go to question 16**
- Yes                    **please briefly describe**

**13. How long are abandoned vehicles allowed to remain on a freeway shoulder (assuming they are not an imminent hazard)?**

- 0 to 4 hours
- 4 to 24 hours
- More than 24 hours (please specify) →
- Don't know

**14. Are there any policies and procedures to facilitate quick removal of vehicles in your metropolitan area?**

- No                    **go to question 18**
- Don't know        **go to question 18**
- Yes                    **please briefly describe the policy or procedures**

**15. Is automated measuring equipment (such as Total Station equipment which uses infrared-based survey equipment for mapping incident scenes) used to investigate (measure and document) major incidents?**

- No                    **go to question 16**
- Don't know        **go to question 16**
- Yes                    **Who operates the equipment?**

**16. How is towing dispatch to incidents handled in your area?**

- Formal contract based on qualifications
- Rotation with companies under contract →
- Rotation list with minimal qualifications
- Don't know
- Other (please describe)

Are separate lists kept for more specialized towing and recovery vehicles? 1. No 2. Yes



**17. In your towing qualifications:**

**Are towers required to be certified under the Towing and Recovery Association of America's National Drivers Certification Program?**

- No  
 Yes  
 Being considered  
 Don't know about program

**Are towers required to communicate with other responders to incidents?**

- No  
 Yes  
 Don't know

**Are towers required to electronically share information with a dispatch center?**

- No  
 Yes  
 Don't know

**QUESTIONS 18 THROUGH 24 RELATE TO THE NATIONAL ITS ARCHITECTURE.**

**18. 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

**19. 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 24**  
 There is such an effort in our region, but we are not involved with it. **Go to question 24**

- Don't know if my agency is involved with architecture development. **Go to question 24**



**20. If you answered yes to question 19, 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

**21. 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

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

- Yes    Number:
- No
- Don't know

**23. 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



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

- No **Go to question 25**
- Don't know **Go to question 25**
- 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"/>

**25. 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.**

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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.

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