

# 2002 Law Enforcement Survey

1. **Total number of emergency response vehicles operated**
  
2. **Total number of emergency response vehicles equipped with on-board navigation capability (i.e., digital map)**
  
3. **Total number of emergency response vehicles under a computer-aided dispatch system (CAD).**
  
4. **Total number of emergency response vehicles with traffic signal system communications (i.e., signal preemption)**
  
5. **Does your agency participate in a team that meets on a regular basis to evaluate and improve coordinated incident response and to address traffic problems as well?**
  - No
  - Yes
  - Don't know
  
6. **Does your agency participate in a formal multi-agency regional or statewide program to coordinate management of traffic incidents that contains all of the following elements?**
  - Strategic Planning - A mutually agreed to statement of multi-agency program goals and measurable objectives.
  - Program Plan - A multi-year, multi-agency program plan that maps out the process toward meeting program goals, identifying initiatives, tasks and funding sources.
  - Annual Work Plan - A plan of tasks, projects, or initiatives for participating agencies to be done during the current year with funding secured.
  - Yes
  - No
  - Don't know
  
7. **Does your agency participate in a statewide disaster planning program?**
  - Yes
  - No
  - Don't know

8. With what types of agencies does your agency electronically share real-time and/or after-the-fact reporting information on traffic incidents?

Agency	Real-Time Data	After-the-Fact Data
Other Fire/Rescue agencies		
Law enforcement agencies (local)		
Law enforcement agencies (state)		
Transportation agencies (local)		
Transportation agencies (state)		
Other (please specify):		
Do not electronically exchange information		
Do not know		

9. 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?

Yes  
 No  
 Don't know

10. Is an Incident Management (Incident Command) System used on-scene to manage traffic incidents?

Yes, specified by state law  
 Yes, through agreement  
 No  
 Don't know

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

Yes,  
 Who? \_\_\_\_\_  
 No  
 Don't know

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

Yes  
 No  
 Don't Know

**13. 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?**

Yes

No

Legislation or action being planned

Don't know

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

Yes

No

Legislation or action being planned

Don't know

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

No

Don't know

Yes, please describe briefly

**16. 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

**17. Are there any policies and procedures to facilitate quick removal of heavily damaged vehicles and nonhazardous cargoes in your metropolitan area?**

Yes, please briefly describe the policy or procedures

No

Don't know

**18. Is automated measuring equipment (such as Photogrammetry or Total Station equipment) used to investigate (measure and document) major traffic incidents?**

Yes

What type is used?

Who operates the equipment?

No

Don't know

**19. How is towing dispatched 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)

**20. Are separate lists kept for more specialized towing and recovery vehicles (heavy tows or recovery)?**

- Yes
- No
- Don't know

**21. In your towing qualifications, are towers required to be certified under the Towing and Recovery Association of America's National Driver Certification Program?**

- Yes
- No
- Being considered
- Don't know about program

**22. Does your agency operate or manage motorist assistance patrol or service patrol?**

- Yes
  - Number of vehicles
  - Number of freeway centerline miles patrolled by these services
  - Service on peak hours only
  - Service 24 hours a day, 7 days a week
  - Other type of service (please specify)

What types of data communication system are used by these patrols? (check all that apply)

- 2-way radio
- Wireless communications
- Computer
- GPS
- Other (please specify)

- No
- Don't know

**23. What agency usually directs traffic on-scene at major traffic incidents in your area?**

- Law enforcement
- Fire and rescue
- Transportation
- Auxiliary or reserves (Fire or police)

**24. Are on-scene responders to traffic incidents from your agency familiar with standards for traffic control specified in the Manual on Uniform Traffic Control Devices (MUTCD)?**

- Yes
- No
- Don't know
- Don't know about MUTCD NATIONAL ITS STANDARDS

- 25. Please check the ITS standards, or groups of standards, that are used in your operational public safety (fire/rescue) systems. These systems include incident management and mayday/sit surveillance. 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. If no standards are used, skip to question 29.**

**LOCATION REFERENCING**

SAE J2540 - Messages for Handling Strings and Look-Up Tables in ATIS Standards

SAE J2374 - National Location Referencing Information Report

**CENTER-TO-CENTER COMMUNICATIONS**

ITE TM 2.01 - Message Sets for External TMC Communication (MS/ETMCC)

NTCIP 1104 - CORBA Naming Convention

NTCIP 1105 - CORBA Security Service

NTCIP 1106 - CORBA Near-Real Time Data Service

NTCIP 2304 - Application Profile for Data Exchange ASN.1 (DATEX)

NTCIP 2305 - Application Profile for Common Object Request Broker Architecture (CORBA)

NTCIP 2501 - Information Profile for DATEX

NTCIP 2502 - Information Profile for CORBA

**INCIDENT MANAGEMENT**

IEEE P1512.1 - Standard for Traffic Incident Management Message Sets for Use by EMCs

IEEE P1512.2 - Standard for Public Safety IMMS for use by EMCs

IEEE P1512.3 - Standard for Hazardous Material IMMS for use by EMCs

IEEE P1512.a - Standard for Emergency Management Data Dictionary

IEEE P1512-2000 - Std. for Common Incident Management Message Sets (IMMS) for use by EMCs

**TRANSIT**

NTCIP 1400 - TCIP - Framework Document

NTCIP 1401 - TCIP - Common Public Transportation (CPT) Business Area Standard

NTCIP 1402 - TCIP - Incident Management (IM) Business Area Standard

NTCIP 1405 - TCIP - Spatial Representation (SP) Business Area Standard

NTCIP 1406 - TCIP - Onboard (OB) Business Area Standard

IEEE Std 1488-2000 - Trial-Use Std. for Message Set Template for Intelligent Transportation Systems

IEEE Std 1489-1999 - Standard for Data Dictionaries for Intelligent Transportation Systems

ITE TM 1.03 - Standard for Functional Level Traffic Management Data Dictionary (TMDD)

NTCIP 1102 - Base Standard: Octet Encoding Rules (OER)

NTCIP 1201 - Global Object Definitions

NTCIP 1205 - Data Dictionary for Closed Circuit Television (CCTV)

NTCIP 1208 - Object Definitions for Video Switches

NTCIP 1301 - Message Set for Weather Reports

NTCIP 2104 - Subnet Profile for Ethernet

NTCIP 2202 - Internet (TCP/IP and UDP/IP) Transport Profile

NTCIP 2303 - Application Profile for File Transfer Protocol (FTP)

NTCIP 8003 - Profiles - Framework and Classification of Profiles

SAE J2313 - On-Board Land Vehicle Mayday Reporting Interface

SAE J2529 - Rules for Standardizing Street Names and Route IDs

**26. 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

**27. 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
- Who operates the equipment?

**28. 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: \_\_\_\_\_

**29. 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)

**30. 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)

**31. 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
- Design
- Systems integration
- System testing and acceptance

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

- Name
- Affiliation
- Phone
- E-mail

**33. Does your agency receive weather products tailored to your particular requirements?**

- Yes
- No

**34. Is your agency willing to share COST information on ITS-related equipment and projects (i.e., capital and O&M cost, project component breakdown, and brief description)? This information will be used to update the ITS JPO sponsored ITS costs database.**

Yes.

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

No

**35. Is your agency willing to share BENEFITS information from ITS deployments? This information will be used to update the ITS JPO sponsored ITS benefits database.**

Yes.

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

No