

2005 Arterial Management Survey

CHARACTERISTICS OF SIGNALIZED INTERSECTIONS

1. **Total number of signalized intersections operated by your agency**
2. **Number of signalized intersections operated by your agency under closed loop or central system control**
3. **Number of signalized intersections operated by your agency within 200 feet of a highway-rail intersection that adjust signal timing in response to train crossing to avoid vehicle entrapment**

Real-time electronic traffic data collection

4. **Total number of signalized intersections with electronic data collection capabilities**

ROADSIDE TECHNOLOGIES TO DISTRIBUTE EN-ROUTE TRAVELER INFORMATION

5. **Total centerline miles covered by Highway Advisory Radio (HAR):**
6. **Total number of permanent Changeable Message Signs (CMS) deployed on arterials:**

HIGHWAY-RAIL INTERSECTIONS

7. **Total number of highway-rail intersections:**
8. **Total number of highway-rail intersections under electronic surveillance:**

METHODS USED TO DISTRIBUTE INFORMATION TO THE PUBLIC

9. Please check all the methods that your agency uses to distribute information to the public.

- Dedicated cable TV:
- Automated telephone system:
- Internet Web sites:
- Pagers or personal data assistants:
- Interactive TV:
- Kiosks:
- E-mail or other direct PC communication:
- In-vehicle navigation systems:
- Facsimile:
- 511 Telephone System:
- Do not distribute information:

10. Please check all the types of information that your agency distributes, or will distribute by 2005, to the public.

- Arterial travel times:
- Arterial travel speeds:
- Incident information:

INTEGRATION

11. Does your agency provide arterial travel time, speed, and condition information in real-time to the following type of agencies?

Agencies involved in highway incident management:

- Yes
- No

Freeway Management Agencies:

- Yes
- No

Arterial Management Agencies:

- Yes
- No

Public Transit Agencies:

- Yes
- No

12. Does your agency receive information on highway-rail intersections crossing blockages for the purpose of managing incident response?

- Yes
- No

13. Does your agency share, in real-time, timing plans with another agency, coordinate changes to timing plans with another agency, and/or turn over control of signals to another agency?

Share timing plans information in real-time:

Yes

No

Coordinate changes to timing plans:

Yes

No

Turn over control of signals:

Yes

No

14. Does your agency receive, in real-time, arterial travel times derived from vehicle probes from any toll collection agency?

Yes

No

No toll collection

TRAFFIC INCIDENT MANAGEMENT

Service Patrols:

15. Total number of arterial miles patrolled by service patrols

16. Total number of vehicles operated

Incident Detection and Verification Methods:

Please provide the miles covered by each of the following incident detection/verification methods:

17. Free cellular phone call to a dedicated phone number other than 911

18. Computer algorithms

19. CCTV

20. Are the CCTV images made available to the public?

Yes

No

Don't know

No CCTV