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