

# 2004 Metropolitan Planning Organization (MPO) Survey

## Strategic Planning for ITS Deployment

**1. Do you have a plan/strategy for implementing ITS in your metropolitan area?**

Is the plan/strategy coordinated with the state?

Is the plan/strategy coordinated with any other MPO?

Is the plan/strategy coordinated with any other city(s) or county(s)?

Does the plan/strategy address coordination of regional operations?

Does the plan/strategy describe general functions and integration between agencies and jurisdictions?

Is the plan/strategy part of your twenty-year transportation plan?

**2a. Does an ongoing forum exist in your metropolitan area for traditional agencies (i.e. freeway management and traffic signal control agencies) to meet to discuss ITS issues?**

**2b. Does an ongoing forum exist in your metropolitan area for non-traditional agencies (i.e. police, fire, medical services, and human resource agencies) to meet to discuss ITS issues?**

**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?**

Yes

Do they exist for Traffic Incident Management?

Do they exist for Highway Traffic Operations?

Do they exist for Signal Coordination (Arterial Operations)?

Do they exist for Special Event Management?

Do they exist for Homeland Security/Emergency Management?

Do they exist for other (please specify): \_\_\_\_\_

No

Don't know

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

Yes

No

Don't know

## Regional ITS Architecture Status

**5. Is your agency involved in a formal effort to develop a regional ITS architecture?**

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. Why not?

There is no such effort under way in our region.

There is such an effort in our region, but we are not involved with it.

Don't Know

**6. If you answered yes to question 5, 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.)**

| Agency  | Lead | Involved |
|---|------|----------|
| 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                             |      |          |
| Toll authority(s)                                       |      |          |
| Airport authority                                       |      |          |
| Freight shippers (private sector)                       |      |          |
| Traveler information service providers (private sector) |      |          |
| FHWA - Federal Lands                                    |      |          |
| Other (please specify): _____                           |      |          |
| Don't know  |      |          |

**7. What is the geographic scope of the regional ITS architecture?**

Encompasses the full MPO boundary

Encompasses part of the MPO boundary

Encompasses entire state

Encompasses a corridor

Don't know

**8. What is the name of the region covered by your Regional ITS?**

\_\_\_\_\_

**9. How long has your agency been involved with the region's ITS architecture development efforts?**

- Less than one year
- One to two years
- Longer than two years
- Don't know
- Not involved

**10. Has a maintenance plan for the regional ITS architecture been developed identifying who, when, and how to update the regional ITS architecture?**

Yes. Who is the lead agency responsible for the regional architecture maintenance activity?

- 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
- Toll authority(s)
- Airport authority
- Freight shippers (private sector)
- Traveler information service providers (private sector)
- FHWA - Federal Lands
- Other (please specify)
- No
- Don't know

## Regional ITS Architecture Development

**11. Was/is Turbo Architecture software tool used for the regional ITS architecture development?**

- Yes
- No
- Don't know

**12. Does your agency use (ITS Deployment Analysis System) IDAS?**

- Yes
- No
- Don't know

**13...Are the stakeholders in your region using the Regional ITS Architecture for ITS project development?**

- Yes
- No
- Don't know

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

Yes

What is the year of the planning document in which the regional ITS architecture is first referenced?

No

Don't know

**15. Has any organization provided you with information concerning regional ITS architecture development activities?**

Yes. Please indicate which organization and check if the information was useful.

| Agency   | Info Received | Info Useful |
|--|---------------|-------------|
| FHWA   |               |             |
| ITS America State Chapter                        |               |             |
| ITS America (national)                           |               |             |
| FTA  |               |             |
| APTA   |               |             |
| ITE  |               |             |
| AASHTO   |               |             |
| APA  |               |             |
| AMPO   |               |             |
| National Association of Regional Councils (NARC) |               |             |
| Other (please specify)                           |               |             |

No

Don't know

**16. Have any members of your staff attended USDOT-sponsored regional and/or National ITS Architecture training courses?**

Yes

No. Why not? (Check all that apply)

We are unaware of the availability of USDOT-sponsored architecture training

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 a year.

We are aware of such training, but it is not a priority to send staff to participate.

Other: \_\_\_\_\_

Don't Know

## Operational Planning

**17. Does your region have a plan/strategy for operational improvements?**

No

Don't know

Yes. Please check all the areas that this plan/strategy focuses on.

Traffic Incident Management

Highway Traffic Operations

Signal Coordination (Arterial Operations)

Special Event Management

Homeland Security/Emergency Management

Other (please specify): \_\_\_\_\_

**17a. Are these plan(s)/strategies a component of the 20-year transportation plan for the area?**

Yes

No

Don't know

**17b. Are these plan(s)/strategies a component of the ITS plan or strategy for the area?**

Yes

No

Don't know

**18. Select the following areas in which transportation planning and operations are linked in your area at the technical or decision level:**

| Area   | Technical Level | Decision Level |
|--|-----------------|----------------|
| Congestion Management                                  |                 |                |
| Institutional Arrangements                             |                 |                |
| Performance Data (sharing, archiving, awareness, etc.) |                 |                |
| Resource Sharing/Funding Project Implementation        |                 |                |
| Other (please specify): _____                          |                 |                |

**19. Does your agency or another agency in your metropolitan area operate a ride sharing/matching program?**

Yes, my agency

Yes, another agency (please specify): \_\_\_\_\_

No

Don't know

## Data Archiving

**20. Has your MPO been an active participant in the development of ITS data archiving?**

- Yes, the MPO leads this effort
- Yes, as a participant
- No, we are aware of it but have not been involved
- No
- Don't know

**21. Have you used ITS archived data in your planning activities?**

- No
- Yes, in which of the following areas did you use ITS archived data?
  - Congestion monitoring
  - Travel demand forecasting
  - Traffic simulation modeling
  - Traffic monitoring system
  - Other (please specify)
- Don't know

## Evaluation

**22. The U.S. DOT is interested in networking with evaluators of Intelligent Transportation Systems (ITS) nationwide. Is there a point of contact in your state for ITS evaluations?**

Yes. Please provide the name, e-mail, and phone number

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- No
- Don't know

**23. The U.S. DOT ITS JPO actively collects data on the benefits and costs of ITS implementations and makes this information available at the following URL: <http://www.benefitcost.its.dot.gov/>. Are you aware of any locally produced and funded evaluations that could be added to this national database?**

Yes. Please provide a point of contact (name, phone number and e-mail) or reference (e.g., URL) for the evaluation report.

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- No
- Don't know

## Cost and Benefits

**24. Does your agency use the ITS Benefits and Cost Database?**

Yes. Are you willing to share experiences using the database, how the database is used, and any other feedback on the database?

Yes, please use the space provided below.

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No

No

Don't know

**25. 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.

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No

**26. 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 and phone number of the benefits information contact if different from respondent. This person will be contacted for the benefits information at a later date.

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No