1999 Transit Management Survey

The questions in this survey apply to directly operated services your agency provides within the metropolitan planning area boundary depicted on the map on the previous page.

(Map NOT Included Here)

- 1. National Transit Database (NTD) number:
- 2. Please enter the number of vehicles used in revenue service (owned or contracted) by service type.

NOTE: The "1999 Estimated Deployed by 2005" figures and selection information are not included in the companion Excel Spreadsheets.

	1997	1999	Deployed by 2005
Fixed Route Bus	Provided to Surveyee		
Heavy or Rapid Rail	Provided to Surveyee		
Light Rail	Provided to Surveyee		
Demand Responsive	Provided to Surveyee		
Commuter Rail	Provided to Surveyee		
Ferry Boat	Provided to Surveyee		

3. Do you have or plan to have an Automated Vehicle Location (AVL) System? (Circle number of your answer) 1. No, go to question 4

2. Yes

Please provide the following information

- What is the 1999 status? (Circle number of your answer)
 - 1. Operational (Fully operational only)
 - 2. Implementation Phase (If at least a contract has been signed)
 - 3. Planning Phase (A grant has been awarded, local money has been allocated, or an RFP has been issued)

What are/will be the primary and secondary location technologies used?

Circle <u>1999</u> if currently in place Circle <u>2005</u> if in place by 2005

	Primary Technology		Backup Technology	
GPS	1999	2005	1999	2005
Differential GPS	1999	2005	1999	2005
Signpost/Odometer	1999	2005	1999	2005
Dead-Reckoning	1999	2005	1999	2005
LORAN C	1999	2005	1999	2005
Other:	1999	2005	1999	2005

Please indicate the number of vehicles currently equipped with AVL or that will be equipped with AVL by 2005.

NOTE: The "1999 Equipped by 2005" figures and selection information are not included in the companion Excel Spreadsheets.

	Equipped in 1997	Equipped in 1999	Equipped by 2005
Fixed Route Bus	Provided to Surveyee		
Heavy or Rapid Rail	Provided to Surveyee		
Light Rail	Provided to Surveyee		
Demand Responsive	Provided to Surveyee		
Commuter Rail	Provided to Surveyee		
Ferry Boat	Provided to Surveyee		

- 4. Are your motor buses operated as vehicle probes to determine travel times or speeds on freeways? (Circle number of your answer)
 - 1. No, go to question 5
 - 2. Yes

Please answer the following questions:

How many motor buses are equipped to serve as probes?

Is the information collected by the probe vehicle transferred for use in freeway management? (Circle number of your answer)

- 1. No, go to question 5
- 2. Yes

How is the information collected by the probe vehicles transferred for use in freeway management? (Circle all the numbers that apply)

- 1. Transfer between separate computer systems
- 2. A common shared data base is used
- 3. Other (please specify)

5. Are your motor buses operated as vehicle probes to determine travel times or speeds on arterials? (Circle number of your answer)

1. No, go to question 6

2. Yes

Please answer the following questions:

How many motor buses are equipped to serve as probes?

Is the information collected by the probe vehicle transferred for use in arterial management? (Circle number of your answer)

1. No, go to question 6

2. Yes

How is the information collected by the probe vehicles transferred for use in arterial management? (Circle all the numbers that apply)

- 1. Transfer between separate computer systems
- 2. A common shared data base is used
- 3. Other (please specify)

- 6. Do your transit bus operators or dispatchers report traffic incidents (e.g., stalled vehicles, crashes) as part of an organized regional incident management program? (Circle number of your answer)
 - 1. No
 - 2. Yes
- 7. Do you have or plan to have an automated Traveler Information system (e.g., telephone system, Web site, kiosks)? (Circle number of your answer)
 - 1. No, go to question 8
 - 2. Yes

Please provide the following information

- 7a. What is the 1999 status? (Circle number of your answer)
 - 1. Operational (Fully operational only)
 - 2. Implementation Phase (If at least a contract has been signed)
 - 3. Planning Phase (A grant has been awarded, local money has been allocated, or an RFP has been issued)
- 7b. Is the information/will the information be real-time? (Circle number of your answer)
 - 1. Yes
 - 2. No

7c. Which services does/will it apply to?

- 1. Fixed Route
- 2. Heavy Rail
- 3. Light Rail
- 4. Demand Responsive
- 5. Commuter Rail
- 6. Ferry
- 7d. Is it/will it be multi-carrier/multi-modal with highway information? (Circle number of your answer)
 - 1. Yes
 - 2. No
- 7e. Is it/will it be multi-carrier/multi-modal with highway information? (Circle number of your answer)
 - 1. Yes
 - 2. No

7f. Which of the technologies listed below does your agency directly or indirectly (i.e., through another agency or organization) use (or will use by 2005) to disseminate transit routes, schedules, fares, arrival/departure times, or real-time transit schedule adherence information to the public?

Circle <u>1999</u> if the method is currently used Circle <u>2005</u> if the method will be used by 2005

Methods used to disseminate transit routes, schedules, fares,		Youra	agency		Employed by other organization receiving your data			
arrival/departure times, or real-time transit schedule adherence information to the public in 1999 and by 2005 (Circle all that apply)	Transit routes, schedules and fares		Real-time transit schedule adherence or arrival and departure times		Transit routes, schedules and fares		Real-time transit schedule adherence or arrival and departure times	
1. Dedicated cable TV	1999	2005	1999	2005	1999	2005	1999	2005
2. Telephone system	1999	2005	1999	2005	1999	2005	1999	2005
3. Internet Web sites	1999	2005	1999	2005	1999	2005	1999	2005
4. Pagers or personal data assistants	1999	2005	1999	2005	1999	2005	1999	2005
5. Interactive TV	1999	2005	1999	2005	1999	2005	1999	2005
6. Kiosks	1999	2005	1999	2005	1999	2005	1999	2005
7. E-mail or other direct PC communication	1999	2005	1999	2005	1999	2005	1999	2005
8. In-vehicle navigation systems	1999	2005	1999	2005	1999	2005	1999	2005
9. Cell phone/voice	1999	2005	1999	2005	1999	2005	1999	2005
10. Cell phone/data	1999	2005	1999	2005	1999	2005	1999	2005
11. Variable Message Signs (in vehicle)	1999	2005	1999	2005	1999	2005	1999	2005
12. Monitors/VMS (not in vehicle)	1999	2005	1999	2005	1999	2005	1999	2005
13. Audible Enunciators	1999	2005	1999	2005	1999	2005	1999	2005
14. Facsimile	1999	2005	1999	2005	1999	2005	1999	2005
Other (please specify)	1999	2005	1999	2005	1999	2005	1999	2005

- 7g. If your agency or another organization has one or more World Wide Web sites reporting transit routes, schedules and fares, real-time transit schedule adherence, or arrival and departure times, please provide the URLs below:
- 7h. If your agency has one or more telephone systems reporting transit routes, schedules and fares, real-time transit schedule adherence, or arrival and departure times, please provide the number(s) below:
- 7i. Please list below any organization (public or private) to which your agency sends information for dissemination to the public:

7j. Please list the locations where traveler information is or may be displayed to the public:

NOTE: The "1999 Deployed by 2005" figures and selection information are not included in the companion Excel Spreadsheets.

	1997	1999	Deployed by 2005
1. Number of bus stops on fixed transit routes	Provided to		
	Surveyee		
2. Number of bus stops on fixed transit routes	Provided to		
that display traveler information to the public	Surveyee		
3. Number of rail stations	Provided to		
	Surveyee		
4. Number of rail stations that display traveler	Provided to		
information	Surveyee		
5. Number of other locations that display traveler	Provided to		
information to the public (please describe below)	Surveyee		

7k. On how many vehicles is the traveler information system currently available or projected to be available by 2005?

NOTE: The "1999 Available by 2005" figures and selection information are not included in the companion Excel Spreadsheets.

	Available in 1999	Available by 2005
Fixed Route Bus		
Heavy or Rapid Rail		
Light Rail		
Demand Responsive		
Commuter Rail		
Ferry Boat		

8. The following questions concern the deployment of communications technology:

Is your radio system: (Circle number of your answer)

- 1. Digital
- 2. Analog

Is your radio system: (Circle number of your answer)

- 1. Trunked
- 2. Regular

If your radio system is not *digital* and *trunked*, are you planning or implementing an upgrade? (Circle number of your

answer)

1. No, go to question 9

2. Yes

Please answer the following questions:

What is the 1999 status? (Circle number of your answer)

- 1. Digital Operational (Fully operational only)
- 2. Trunked Operational (Fully operational only)
- 3. Implementation Phase (If at least a contract has been signed)
- 4. Planning Phase (A grant has been awarded, local money has been allocated, or an RFP has been issued)

Are you upgrading to: (Circle number of your answer)

- 1. Digital
- 2. Trunked
- 3. Other (please specify)

Please indicate the services that currently use or will use by 2005 *digital* or *trunked* radio system.

Circle <u>1999</u> if the method is currently used Circle <u>2005</u> if the method will be used by 2005

	Digital Only		Trunke	d Only
Fixed Route Bus	1999	2005	1999	2005
Heavy or Rapid Rail	1999	2005	1999	2005
Light Rail	1999	2005	1999	2005
Demand Responsive	1999	2005	1999	2005
Commuter Rail	1999	2005	1999	2005
Ferry Boat	1999	2005	1999	2005

9. Does your agency have or plan to have Automatic Passenger Counters (APCs) at the entry and exit doors? (Registering fareboxes and driver counters are not considered APCs) (Circle number of your answer)

- 1. No, go to question 10
- 2. Yes
 - Please provide the following information:

What is the 1999 status? (Circle number of your answer)

- 1. Operational (Fully operational only)
- 2. Implementation Phase (If at least a contract has been signed)
- 3. Planning Phase (A grant has been awarded, local money has been allocated, or an RFP has been issued)

How does it/will it count passengers? (Circle number of your answer)

- 1. Treadle Mats
- 2. Infrared Beams
- 3. Other (please specify)

What primary and secondary location technologies are currently used or will be used by 2005?

Circle <u>1999</u> if the technology is currently used Circle <u>2005</u> if the technology will be used by 2005

	Primary Technology		Backup Technology	
1. GPS	1999	2005	1999	2005
2. Differential GPS	1999	2005	1999	2005
3. Signpost/Odometer	1999	2005	1999	2005
4. Dead-Reckoning	1999	2005	1999	2005
5. LORAN C	1999	2005	1999	2005
6. Other	1999	2005	1999	2005
7. None	1999	2005	1999	2005

How many vehicles currently have APCs or will have APCs by 2005?

NOTE: The "1999 Available by 2005" figures and selection information are not included in the companion Excel Spreadsheets.

	Available in 1999	Available by 2005
Fixed Route Bus		
Heavy or Rapid Rail		
Light Rail		
Demand Responsive		
Commuter Rail		
Ferry Boat		

10. Does your agency have or plan to have remote real-time monitoring of vehicle components? (Circle number of your answer)

1. No, go to question 11

2. Yes

Please provide the following information:

What is the 1999 status? (Circle number of your answer)

- 1. Operational (Fully operational only)
- 2. Implementation Phase (If at least a contract has been signed)
- 3. Planning Phase (A grant has been awarded, local money has been allocated, or an RFP has been issued)

On how many vehicles is it currently available or projected to be available by 2005?

NOTE: The "1999 Available by 2005" figures and selection information are not included in the companion Excel Spreadsheets.

	Available in 1997	Available in 1999	Available by 2005
Fixed Route Bus	Provided to		
	Surveyee		
Heavy or Rapid Rail	Provided to		
	Surveyee		
Light Rail	Provided to		
	Surveyee		
Demand Responsive	Provided to		
	Surveyee		
Commuter Rail	Provided to		
	Surveyee		
Ferry Boat	Provided to		
	Surveyee		

- 11. Does your agency have or plan to have Computer Assisted Dispatching or Control Software (i.e., software that displays AVL-equipped vehicle locations, vehicle data, and operator data on dispatcher monitors, automated control software for light or heavy rail systems, automated scheduling software for demand responsive service)? (Circle number of your answer)
 - 1. No, go to question 12
 - 2. Yes

Please provide the following information:

What is the 1999 status? (Circle number of your answer)

- 1. Operational (Fully operational only)
- 2. Implementation Phase (If at least a contract has been signed)
- 3. Planning Phase (A grant has been awarded, local money has been allocated, or an RFP has been issued)

On how many vehicles is automated dispatching or control software currently available or projected to be available by 2005?

NOTE: The "1999 Available by 2005" figures and selection information are not included in the companion Excel Spreadsheets.

	Available in 1997	Available in 1999	Available by 2005
Fixed Route Bus	Provided to		
	Surveyee		
Heavy or Rapid Rail	Provided to		
	Surveyee		
Light Rail	Provided to		
	Surveyee		
Demand Responsive	Provided to		
	Surveyee		
Commuter Rail	Provided to		
	Surveyee		
Ferry Boat	Provided to		
	Surveyee		

12. Does your agency currently coordinate or plan to coordinate travel request and vehicle dispatching for multiple agencies? (Circle number of your answer)

- 1. No, go to question 13
- 2. Yes
 - Please provide the following information:

What is the 1999 status? (Circle number of your answer)

- 1. Operational (Fully operational only)
- 2. Implementation Phase (If at least a contract has been signed)
- 3. Planning Phase (A grant has been awarded, local money has been allocated, or an RFP has been issued)
- 13. Is there or will there be a Transportation Management Center (TMC) in the region that controls transit and highway modes? (traffic signals, message signs, incident management, etc.) (Circle number of your answer)
 - 1. No, go to question 14
 - 2. Do not know, go to question 14
 - 3. Yes

Please provide the following information:

What is the 1999 status? (Circle number of your answer)

- 1. Operational (Fully operational only)
- 2. Implementation Phase (If at least a contract has been signed)
- 3. Planning Phase (A grant has been awarded, local money has been allocated, or an RFP has been issued)

Please indicate the modes that the TMC currently controls or will control by 2005

Circle <u>1999</u> if the mode is currently controlled Circle <u>2005</u> if the mode will be controlled by 2005

1. Highways	1999	2005
2. Fixed Route Bus	1999	2005
3. Heavy or Rapid Rail	1999	2005
4. Light Rail	1999	2005
5. Demand Responsive	1999	2005
6. Commuter Rail	1999	2005
7. Ferry Boat	1999	2005
8. Other (please specify)	1999	2005

14. Do/will your agency's vehicles receive priority at traffic signals? (Circle number of your answer)

- 1. No, go to question 15
- 2. Yes

Please provide the following information:

What is the 1999 status? (Circle number of your answer)

- 1. Operational (Fully operational only)
- 2. Implementation Phase (If at least a contract has been signed)
- 3. Planning Phase (A grant has been awarded, local money has been allocated, or an RFP has been issued)

How is/will the priority be granted?

- 1. All the time
- 2. Only when vehicle is _____ minutes late.
- 3. Other (please specify)
- 4. Don't know

How is/will the priority be activated?

- 1. Driver-actuated
- 2. By AVL
- 3. Other (please specify)
- 4. Don't know

Please indicate the number of vehicles that are currently given traffic signal priority or will be given traffic signal priority by 2005.

NOTE: The "1999 Available by 2005" figures and selection information are not included in the companion Excel Spreadsheets.

	Available in 1997	Available in 1999	Available by 2005
Fixed Route Bus	Provided to		
	Surveyee		
Light Rail	Provided to		
	Surveyee		
Demand Responsive	Provided to		
	Surveyee		

15. Are your agency's vehicles equipped or projected to be equipped with ramp meter priority capability? (Circle number of your answer)

- 1. No, go to question 16
- 2. Yes

Please provide the following information:

What is the 1999 status? (Circle number of your answer)

- 1. Operational (Fully operational only)
- 2. Implementation Phase (If at least a contract has been signed)
- 3. Planning Phase (A grant has been awarded, local money has been allocated, or an RFP has been issued)

Please indicate the number of vehicles that are currently given ramp meter priority or will be given ramp meter priority by 2005.

NOTE: The "1999 Available by 2005" figures and selection information are not included in the companion Excel Spreadsheets.

	Available in 1997	Available in 1999	Available by 2005
Fixed Route Bus	Provided to		
	Surveyee		
Demand Responsive	Provided to		
	Surveyee		

- 16. Are your agency's vehicles equipped or projected to be equipped with navigation aids (i.e., in-vehicle map display) to facilitate operations? (Circle number of your answer)
 - 1. No, go to question 17
 - 2. Yes
 - Please provide the following information:

Please indicate the number of vehicles that are currently equipped with navigation aids or will be equipped with navigation aids by 2005.

NOTE: The "1999 Available by 2005" figures and selection information are not included in the companion Excel Spreadsheets.

	Available in 1997	Available in 1999	Available by 2005
1. Fixed Route Bus	Provided to		
	Surveyee		
2. Heavy or Rapid Rail	Provided to		
	Surveyee		
3. Light Rail	Provided to		
	Surveyee		
4. Demand Responsive	Provided to		
	Surveyee		
5. Commuter Rail	Provided to		
	Surveyee		
6. Ferry Boat	Provided to		
	Surveyee		

17. Are you using any ITS standards related to transit management? (Circle number of your answer)

- 1. No, go to question 18
- 2. Don't know, go to question 18
- 3. Yes
 - Please indicate the standards used (Circle all the letters that apply)
 - a. TCIP On Board Objects (TCIP-OB)
 - b. TCIP Traffic Management Objects (TCIP-TM)
 - c. TCIP Common Public Transportation Objects (TCIP-CPT)
 - d. TCIP Passenger Information Objects (TCIP-PI)
 - e. TCIP Incident Management Objects (TCIP-IM)
 - f. TCIP Fare Collection Objects (TCIP-FC)
 - g. TCIP Spatial Representation Objects (TCIP-SP)
 - h. TCIP Control Center Objects (TCIP-CC)
 - i. TCIP Scheduling/Runcutting Objects (TCIP-SCH)
 - j. Send data communication between microcomputer and heavy duty vehicle applications (SAE J1708)
 - k. Other (please specify)

18. Would your agency be willing to participate in the testing of ITS standards related to transit management? (Circle number of your answer)

- 1. No
- 2. Yes

Please provide name and phone number of contact if different from respondent:

NOTE: This information is not included in the companion Excel Spreadsheets.

- 19. Does your agency have any agreements in place with any other agencies or jurisdictions to use similar hardware and software to aid maintenance and interoperability? (Circle number of your answer)
 - 1. No
 - 2. Yes
- 20. Please indicate whether data are (or will be by 2005) <u>collected</u>, <u>archived</u>, and/or <u>transferred</u> to another agency or Information Service Provider (ISP). We also ask you to indicate the importance of making the information available to the public by ranking it <u>High</u>, <u>M</u>edium, or <u>L</u>ow.

Circle <u>1999</u> if currently collected, archived or transferred Circle <u>2005</u> if it will be collected, archived or transferred by 2005 Circle <u>H</u> for High importance, <u>M</u> for Medium importance, and <u>L</u> for Low importance

	Collected by your agency					ferred	•	ortand	
					to another agency by		making information available to the		
	your	agency	your agency		your agency		public		
1. Vehicle time and location	1999	2005	1999	2005	1999	2005	Н	M	L
2. Passenger count	1999	2005	1999	2005	1999	2005	Н	M	L
3. Trip itinerary planning records	1999	2005	1999	2005	1999	2005	Н	M	L
4. Passenger information (e.g., surveys, O/D)	1999	2005	1999	2005	1999	2005	Н	М	L
5. Vehicle monitoring status	1999	2005	1999	2005	1999	2005	Н	М	L
6. Road conditions	1999	2005	1999	2005	1999	2005	Н	М	L
7. Emergency vehicle signal preemption	1999	2005	1999	2005	1999	2005	Н	М	L
8. Transit vehicle signal priority	1999	2005	1999	2005	1999	2005	Н	М	L
9. Route designations (snow emergency, etc.	1999	2005	1999	2005	1999	2005	Н	Μ	L
10. Weather conditions	1999	2005	1999	2005	1999	2005	Н	М	L
11. Incidents	1999	2005	1999	2005	1999	2005	Н	М	L
12. Current roadway work zones for transit	1999	2005	1999	2005	1999	2005	Н	М	L
13. Scheduled roadway work zones for transit	1999	2005	1999	2005	1999	2005	Н	М	L
14. Intermodal (air, rail, water) connections	1999	2005	1999	2005	1999	2005	Н	М	L
15. Emergency/evacuation routes and	1999	2005	1999	2005	1999	2005	н	М	L
procedures	1999	2005	1999	2005	1999	2005	п	IVI	L
16. Highway operations coordination	1999	2005	1999	2005	1999	2005	н	м	1
information	1999	2005	1999	2005	1999	2005		IVI	L
17. Transit operations coordination information	1999	2005	1999	2005	1999	2005	Н	Μ	L
18. Other (please specify)	1999	2005	1999	2005	1999	2005	н	Μ	L

Which of the following groups typically make requests for the data? (Circle all the numbers that apply)

- 1. Universities
- 2. State DOT personnel
- 3. Federal DOT personnel
- 4. Media (e.g., TV stations, radio stations)
- 5. MPOs
- 6. Consultants
- 7. Advanced Traveler Information Systems (ATIS) providers
- 8. Other (please specify)

What are these data used for? (Circle all the numbers that apply)

- 1. Do not know
- 2. Traffic analysis
- 3. Construction impact determination
- 4. Planning
- 5. Incident detection algorithm development
- 6. Roadway impact analysis
- 7. Accident prediction models
- 8. Dissemination to the public
- 9. Other (please specify)

21. Does your agency have or plan to have a fully operational Electronic Fare Payment System (other than registering fareboxes)? (Circle number of your answer)

- 1. No, go to question 24
- 2. Yes
 - Please provide the following information:

What is the 1999 status? (Circle number of your answer)

- 1. Operational (Fully operational only)
- 2. Implementation Phase (If at least a contract has been signed)
- 3. Planning Phase (A grant has been awarded, local money has been allocated, or an RFP has been issued)

How is/will the fare (be) paid? (Circle number of your answer and circle the payment mechanism)

- 1. Stored value card with the fare deducted for each trip
- 2. Billed by the month for trips taken
- 3. Monthly pass
- 4. Other (please specify)

Please indicate the number of vehicles/stations that are equipped with automated payment mechanism or will be equipped with automated payment mechanism by 2005.

	Magn	etic Stripe Re	eaders	Smart Card Readers (with embedded computer chip)			
	Equipped in 1997	Equipped in 1999	Equipped by 2005	Equipped in 1997	Equipped in 1999	Equipped by 2005	
1. Fixed Route Bus	Provided to Surveyee			Provided to Surveyee			
2. Heavy or Rapid Rail	Provided to Surveyee			Provided to Surveyee			
3. Light Rail	Provided to Surveyee			Provided to Surveyee			
4. Demand Responsive	Provided to Surveyee			Provided to Surveyee			
5. Commuter Rail	Provided to Surveyee			Provided to Surveyee			
6. Ferry Boat	Provided to Surveyee			Provided to Surveyee			

NOTE: The "1999 Equipped by 2005" figures and selection information are not included in the companion Excel Spreadsheets.

	Credit Card			Debit Card			
	Equipped in 1997	Equipped in 1999	Equipped by 2005	Equipped in 1997	Equipped in 1999	Equipped by 2005	
1. Fixed Route Bus	Provided to Surveyee			Provided to Surveyee			
2. Heavy or Rapid Rail	Provided to Surveyee			Provided to Surveyee			
3. Light Rail	Provided to Surveyee			Provided to Surveyee			
4. Demand Responsive	Provided to Surveyee			Provided to Surveyee			
5. Commuter Rail	Provided to Surveyee			Provided to Surveyee			
6. Ferry Boat	Provided to Surveyee			Provided to Surveyee			

22. Are there any other transit operators in the region that use the same electronic payment system? (Circle number of your answer)

- 1. No, this does not apply because there are no other transit operators in the region
- 2. No, we do not use the same payment system as other transit operators in the region
- 3. Yes, please provide the name of the transit operator(s):

23. Do you accept electronic payment of transit fares through the use of any electronic toll collection media (i.e., EZ PASS)? (Circle number of your answer)

- 1. No, this does not apply because there are no toll operators in the area
- 2. No, we do not share with toll operators in the area
- 3. Yes, please provide the name of the toll operator(s):
- 24. The following information is used to determine whether your agency is receiving real-time information via electronic means from other groups, agencies, or organizations in your metropolitan area and/or sharing infrastructure (buildings, computer systems, communication lines, etc.) with other groups, agencies, or organizations.
 - Circle <u>1999</u> if currently receiving information
 - Circle 2005 if will receive information by 2005

Please indicate the Freeway Management agencies from which your agency currently receives freeway travel times, speeds, and conditions information or will receive this information by 2005 and/or shares infrastructure or will share infrastructure by 2005.

Freeway Management	Re	ceive	Share		
Treeway Management	Infor	mation	Infrastructure		
Agency 1	1999	2005	1999	2005	
Agency 2	1999	2005	1999	2005	
Agency 3	1999	2005	1999	2005	
	1999 2005		1999	2005	
Agency N	1999 2005		1999	2005	
Other (please specify)	1999	2005	1999	2005	
Other (please specify)	1999	2005	1999	2005	

Please indicate the Arterial Management agencies from which your agency currently receives arterial travel times, speeds, and conditions information or will receive this information by 2005 and/or shares infrastructure or will share infrastructure by 2005.

Arterial Management	Re	ceive	Share Infrastructure		
ArtenarManagement	Infor	mation			
Agency 1	1999	2005	1999	2005	
Agency 2	1999	2005	1999	2005	
Agency 3	1999	2005	1999	2005	
	1999	2005	1999	2005	
Agency N	1999	2005	1999	2005	
Other (please specify)	1999	2005	1999	2005	
Other (please specify)	1999	2005	1999	2005	

Please indicate the Incident Management agencies from which your agency currently receives incident severity, location, and type information or will receive this information by 2005 and/or shares infrastructure or will share infrastructure by 2005.

Incident Management	Receive Information		Share Infrastructure		
Agency 1	1999	2005	1999	2005	
Agency 2	1999	2005	1999	2005	
Agency 3	1999	2005	1999	2005	
	1999	2005	1999	2005	
Agency N	1999	2005	1999	2005	
Other (please specify)	1999	2005	1999	2005	
Other (please specify)	1999	2005	1999	2005	

- 25. If there is anything else you want to tell us about any ITS effort 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.
- 26. 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. (Circle number of your answer)
 - 1. Yes, send a copy of the reports to me.
 - 2. No, do not send a copy of the reports to me.