Tracking the Deployment of the Integrated Metropolitan ITS Infrastructure in New York, Northern New Jersey, Southwestern Connecticut

FY99 Results

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Part 1 - Background and Purpose

In January 1996, Secretary Peña set a goal of deploying the integrated metropolitan Intelligent Transportation System (ITS) infrastructure in 75¹ of the nation's largest metropolitan areas by 2006:

"I'm setting a national goal: to build an intelligent transportation infrastructure across the United States to save time and lives, and improve the quality of life for Americans. I believe that what we do, we must measure . . . Let us set a very tangible target that will focus our attention . . . I want 75 of our largest metropolitan areas outfitted with a complete intelligent transportation infrastructure in 10 years."²

-- Secretary Peña, 1996

In 1997, the U.S. Department of Transportation initiated an effort to track progress toward fulfillment of this goal by conducting a survey of deployment in the nation's largest metropolitan areas. Traditionally, the product of a transportation infrastructure investment consists of a fixed asset such as a highway, bridge, or public transportation vehicle developed, constructed, or purchased by a single agency. Tracking the level of deployment for such traditional fixed assets can be accomplished by simply counting the number of such assets deployed. Measuring the deployment of the metropolitan ITS infrastructure is more complex because it consists of a set of systems, often deployed by multiple agencies, and integrated through a combination of complex institutional and technical arrangements. In brief, it is often difficult to simply count the number of systems deployed without first devising a measurement approach that captures the essential features of such systems in a consistent fashion across many deployment environments.

In order to track progress toward fulfillment of the Secretary's goal for deployment, the U.S. Department of Transportation ITS Joint Program Office developed the metropolitan ITS deployment tracking methodology. This methodology tracks deployment of the nine components that make up the Metropolitan ITS infrastructure: Freeway Management; Incident Management; Arterial Management; Emergency Management; Transit Management; Electronic Toll Collection; Electronic Fare Payment; Highway-Rail Intersections; and Regional Multimodal Traveler Information. Through a set of indicators tied to the major functions of each component, the level of deployment is tracked for the nation's largest metropolitan areas. In addition, the integration links between agencies operating the infrastructure are also tracked. The details of

¹ Since Secretary Peña's speech, the number of metropolitan areas that DOT will measure has been increased from 75 to 78. However, to maintain reporting consistency across the 10-year goal period, this report considers only the original 75 metropolitan areas.

² Excerpt of a speech delivered by Secretary of Transportation Peña at the Transportation Research Board in Washington, DC on January 10, 1996.

the methodology are explained elsewhere.³

During the summer and fall of 1999, the U.S. DOT undertook a new data collection effort for the purpose of examining ITS deployment progress in the nation's largest metropolitan areas. The New York, Northern New Jersey, Southwestern Connecticut metropolitan area was among the areas surveyed in 1997 and again in 1999. This report presents the results of the 1999 survey efforts and compares the results of the 1997 survey against those observed in 1999. The overall response rate for the surveys administered in the New York, Northern New Jersey, Southwestern Connecticut region was 63% in 1997 and 68% in 1999.

Part 2 contains a summary of the 1999 survey results, and Part 3 provides a comparison of 1999 survey results and the 1997 survey results.

The report also contains a set of appendices containing a map of the survey area, the list of local contacts surveyed along with a status of their response to the survey and a summary of the data collected from the surveys.

Agencies are encouraged to review the data presented in this report for completeness and accuracy and to direct any comments or corrections to the data provided to the contacts listed below:

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³ Additional Resources: "Measuring ITS Deployment and Integration" (Electronic Document Number: 4372). U.S. Department of Transportation, Joint Program Office for Intelligent Transportation Systems, 400 Seventh St., SW (HVH-1), Washington, DC 20590, Phone: 202-366-9536, Fax: 202-366-3302, Web: http://www.its.dot.gov.

Part 2 - Summary 1999 Survey Results

Deployment indicators have been developed for two broad areas of interest: (1) the individual components, including their basic functions and characteristics and (2) integration of components, including how these components work together to provide coordinated regional service. As mentioned earlier, these indicators are expressed as percentages of the possible deployment opportunity and not necessarily what should be deployed based on local needs. Requirements for deployment and integration between each component will vary based on local conditions and cannot be assigned without extensive coordination with individual metropolitan areas.

The following two figures portray the surrogate indicators for each of the nine components in New York, Northern New Jersey, Southwestern Connecticut and the same indicators at the national level. These are judged to be the single best representative of a component and are being used as summary indicator for component. The summary indicators are expressed as a percentage; however, because deployment goals have yet to be established, these indicators should not be read as a comparison of what is deployed versus eventual deployment goals. Instead, they only reflect what is deployed compared to full market saturation (i.e., opportunity for deployment).

Each component indicator was selected to reflect a critical function of the individual components. For example, in the case of Freeway Management, three basic functions were defined: surveillance, traffic control, and information display. The three indicators developed to reflect these functions are: percentage of freeway centerline miles under electronic surveillance (surveillance function), percentage of freeway entrance ramps managed by ramp meters (traffic control function), and percentage of freeway centerline miles covered by permanent VMS, HAR, or in-vehicle signing (information display function). The indicators are surrogates that do not necessarily reflect the full breadth of metropolitan ITS deployment activity.

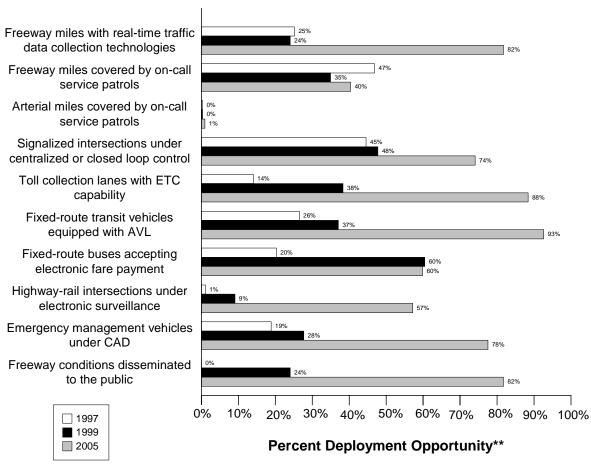
A critical aspect of ITS that provides much of its capability is the integration of individual components to form a unified regional traffic control system. Individual ITS components routinely collect information that is used for purposes internal to that component. For example, the Arterial Management component monitors arterial conditions to revise signal timing and to convey these conditions to travelers through such technologies as variable message signs and highway advisory radio. Other ITS components can make use of this information in formulating their control strategies. For example, Transit Management may alter routes and schedules based on real-time information on arterial traffic conditions, and Freeway Management may alter ramp metering or diversion recommendations based on the same information.

As with the component indicators, definitions for inter- and intra-component integration were developed for each component, and indicators, derived from these definitions, were produced for each component. A total of 34 individual integration indicators was specified and is portrayed in the third figure which follows. Each integration indicator has been assigned a number and an

origin/destination path from one ITS infrastructure component to another. For example, the integration of information from the Freeway Management component to the Regional Multimodal Traveler Information component is identified by the number "10."

New York, Northern New Jersey, Southwestern Connecticut

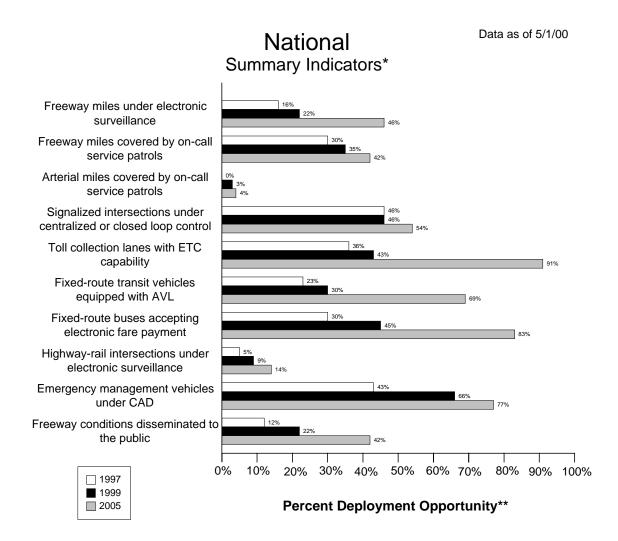
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Summary Indicators*

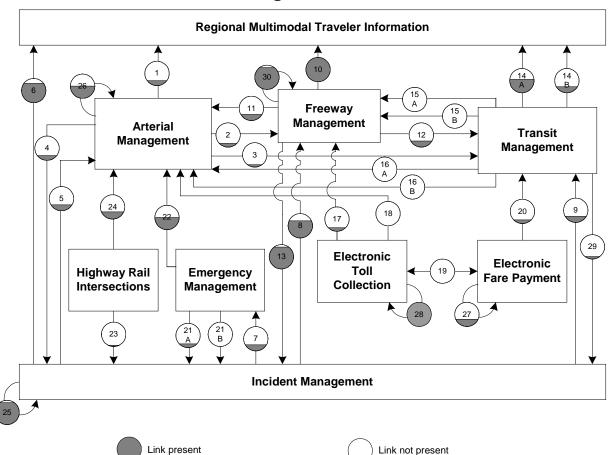
* Indicators are single surrogates that do not necessarily reflect the full breadth of ITS deployment activity.

** Deployment opportunity reflects potential totals that do not necessarily reflect actual need.



* Indicators are single surrogates that do not necessarily reflect the full breadth of ITS deployment activity ** Deployment opportunity reflects potential totals that do not necessarily reflect actual need

New York, Northern New Jersey, Southwestern Connecticut Integration Links



Note: Shading indicates the value of the link. For example a circle half shaded equals 50%

| Link | Description | Link | Description |
|------|----------------------------------|------|---------------------------------|
| 1 | Arterial Management to Regional | 2 | Arterial Management to Freeway |
| | Multimodal Traveler Information | | Management |
| 3 | Arterial Management to Transit | 4 | Arterial Management to Incident |
| | Management | | Management |
| 5 | Incident Management to Arterial | 6 | Incident Management to Regional |
| | Management | | Multimodal Traveler Information |
| 7 | Incident Management to Emergency | 8 | Incident Management to Freeway |
| | Management. | | Management |
| 9 | Incident Management to Transit | 10 | Freeway Management to Regional |
| | Management | | Multimodal Traveler Information |
| 11 | Freeway Management to Arterial | 12 | Freeway Management to Transit |
| | Management | | Management |

| Link | Description | Link | Description |
|------|-------------------------------------|------|--|
| 13 | Freeway Management to Incident | 14a | Transit Management to Regional |
| | Management | | Multimodal Traveler Information |
| | | | (static route information) |
| | | 14b | Transit Management to Regional |
| | | | Multimodal Traveler Information |
| | | | (schedule adherence information) |
| 15a | Transit Management to Freeway | 16a | Transit Management to Arterial |
| | Management | | Management |
| 15b | Transit Management to Freeway | 16b | Transit Management to Arterial |
| | Management (transit vehicle probes) | | Management (transit vehicle probes) |
| 17 | Electronic Toll Collection to | 18 | Electronic Toll Collection to Arterial |
| | Freeway Management (ETC | | Management (ETC equipped probes) |
| | equipped probes) | | |
| 19 | Electronic Fare Payment and | 20 | Electronic Fare Payment to Transit |
| | Electronic Toll Collection | | Management |
| 21a | Emergency Management to Incident | 22 | Emergency Management to Arterial |
| | Management (incident notification) | | Management |
| 21b | Emergency Management to Incident | | |
| | Management (incident clearance) | | |
| 23 | Highway-rail intersections to | 24 | Highway-rail intersections to Arterial |
| | Incident Management (crossing | | Management (crossing status) |
| | status) | | |
| 25 | Incident Management intra | 26 | Arterial Management intra component |
| | component | | |
| 27 | Electronic Fare Payment intra | 28 | Electronic Toll Collection intra |
| | component. | | component |
| 29 | Transit Management to Incident | 30 | Freeway Management intra |
| | Management (incident reporting) | | component |

Part 3 - Detailed 1999 Survey Results

The following figures and tables summarize the complete set of component and integration indicators developed for the New York, Northern New Jersey, Southwestern Connecticut metropolitan area. The figures summarizing the component indicators consist of a bar chart portraying the deployment levels for 1997, 1999, and 2005 accompanied by detailed tables of the data used to calculate each component indicator value (*Num* stands for numerator and *Den* stands for denominator; blank space indicates that no response was received.)

Example: Calculating Component Indicators for Freeway Management

Consider a metropolitan area with 100 miles of freeway and 25 freeway entrance ramps. The area has no ramp meters, 10 freeway miles for which traffic data are collected electronically, and 5 freeway miles, which are covered by highway advisory radio.

The component indicator for electronic surveillance is calculated as (10/100) or 10%.

The component indicator for ramp meter control is calculated as (0/25) or 0%.

The component indicator for HAR coverage is calculated as (5/100) or 5%.

The summary indicator for the metropolitan area is calculated as (10%+0%+5%)/3 = 5%.

The figures summarizing the integration indicators consist of a diagram for each of the nine metropolitan ITS components portraying the integration level for 1999 (*italic*) and 2005 (**bold**), accompanied by tables providing an explanation of the data and calculations performed to develop each integration indicator value for 1999 and 2005. Each diagram portrays the proportion of agencies providing information to a component (e.g., the flow of incident information from Incident Management to Freeway Management) and the proportion of agencies providing information from to other components (e.g., the flow of freeway travel condition information from Freeway Management to Arterial Management).

Example: Calculating Integration between Arterial Management and Regional Multimodal Traveler Information

Consider a metropolitan area with three arterial management agencies. One out of three provides information to the public using a Regional Multimodal Traveler Information Media (e.g., internet, kiosk, pager, etc...). The integration indicator is 1/3 or 33%.

Freeway Management Component Indicators

New York, Northern New Jersey, Southwestern Connecticut Data as of 5/1/00

| | Freeway Management* |
|---|---|
| Freeway miles with real-time traffic data collection technologies | 25% 24% 82% |
| Ramps controlled by ramp meter or miles under lane control (1997 only) | 7% Not Collected in 1999 Not Collected in 2005 |
| Ramps controlled by ramp meters (1999 and 2005) | Not Collected in 1997 4% 0% |
| Miles controlled by lane control (1999 and 2005) | Not Collected in 1997 0% 0% |
| Miles covered by VMS, HAR, or IVS (1997 only) | 49% Not Collected in 1999 Not Collected in 2005 |
| Miles covered by VMS (1999 and 2005) | Not Collected in 1997 51% 81% |
| Miles covered by HAR (1999 and 2005) | Not Collected in 1997 30% 48% |
| Miles covered by IVS (1999 and 2005) | Not Collected in 1997 No Response No Response |
| □ 1997 ■ 1999 □ 2005 | Percent Deployment Opportunity** |

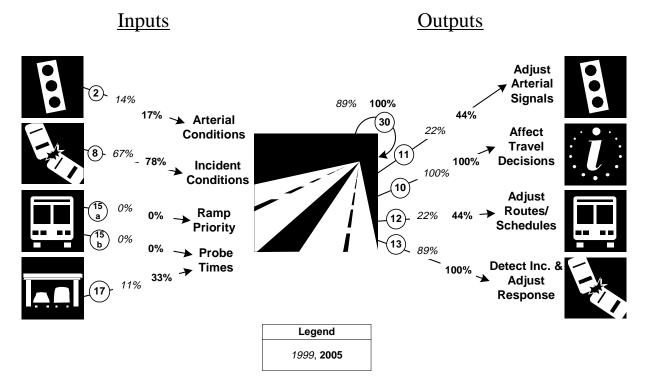
* Indicators are single surrogates that do not necessarily reflect the full breadth of ITS deployment activity. ** Deployment opportunity reflects potential totals that do not necessarily reflect actual need.

| | 1997 | | | 1999 | | | 2005 | | |
|----------------------------|------|------|-----|------|------|-----|------|------|-----|
| Description | Num | Den | % | Num | Den | % | Num | Den | % |
| Freeway centerline miles | 323. | 1286 | 25% | 309 | 1286 | 24% | 1051 | 1286 | 82% |
| are under electronic | 58 | | | | | | | | |
| surveillance for | | | | | | | | | |
| monitoring traffic flow | | | | | | | | | |
| Freeway entrance ramps | 126 | 1850 | 7% | | | | | | |
| are controlled by ramp | | | | | | | | | |
| meters or miles under lane | | | | | | | | | |
| control | | | | | | | | | |

| | 1997 | | | 1999 | | | 2005 | | |
|---|------------|------|-----|------|------|-----|------|------|-----|
| Description | Num | Den | % | Num | Den | % | Num | Den | % |
| Freeway entrance ramps are controlled by ramp meters | | | | 81 | 1850 | 4% | 0 | 1850 | 0% |
| Freeway centerline miles will be controlled by lane control | | | | 0 | 1286 | 0% | 1 | 1286 | 0% |
| Freeway miles are covered by VMS, HAR, or IVS | 634. 28 | 1286 | 49% | | | | | | |
| Freeway miles are covered by VMS | | | | 655 | 1286 | 51% | 1048 | 1286 | 81% |
| Freeway miles are covered by HAR | | | | 385 | 1286 | 30% | 612 | 1286 | 48% |
| Freeway miles are covered by IVS | | | | | 1286 | | | 1286 | |

Freeway Management Integration Indicators

New York, Northern New Jersey, Southwestern Connecticut Freeway Management Integration*



* Indicators are single surrogates that do not necessarily reflect the full breadth of ITS deployment activity

| Link Description | 1999 | 2005 |
|---|--------|--------|
| 2. Arterial Management agencies sending information to Freeway | (5/35) | (6/35) |
| Management | 14% | 17% |
| 8. Incident Management agencies sending information to Freeway | (6/9) | (7/9) |
| Management | 67% | 78% |
| 15a. Transit management agencies with vehicles equipped with | (0/17) | (0/17) |
| ramp meter priority | 0% | 0% |
| 15b. Transit Management agencies with vehicles equipped as | (0/17) | (0/17) |
| probes | 0% | 0% |
| 17. Freeway Management agencies receiving freeway conditions | (1/9) | (3/9) |
| from vehicle probes | 11% | 33% |
| 30. Freeway Management agencies sending information to another | (8/9) | (9/9) |
| Freeway Management agency | 89% | 100% |
| 11. Freeway Management agencies sending information to Arterial | (2/9) | (4/9) |
| Management | 22% | 44% |

| Link Description | 1999 | 2005 |
|---|-------|-------|
| 10. Freeway Management agencies disseminating freeway | (9/9) | (9/9) |
| conditions to the public | 100% | 100% |
| 12. Freeway Management agencies sending freeway conditions to | (2/9) | (4/9) |
| Transit Management | 22% | 44% |
| 13. Freeway Management agencies sending freeway conditions to | (8/9) | (9/9) |
| Incident Management | 89% | 100% |

Incident Management Component Indicators

T

New York, Northern New Jersey, Southwestern Connecticut

Data as of 5/1/00

Freeway and Arterial Incident Management*

| Freeway miles under incident detection algorithms | 24% 25% 71% | |
|---|---|--------------|
| Freeway miles under free cell phone call to a dedicated number | No Response | 100% 100% |
| Freeway miles covered by surveillance cameras | 9% 15% | |
| Freeway miles covered by on-call service patrols | 47% 35% 40% | |
| Arterial miles under incident detection algorithms | 0% 1% 4% | |
| Arterial miles under free cell phone call to a dedicated number | No Response | 100% 100% |
| Arterial miles covered by surveillance cameras | 1 1% 2% 10% | |
| Arterial miles covered by on-call service patrols | 0% 0% 1% | |
| □ 1997 ■ 1999 |)% 10% 20% 30% 40% 50% 60% 70% 80% 90% 10 | 7 00% |
| 2005 | Percent Deployment Opportunity** | |

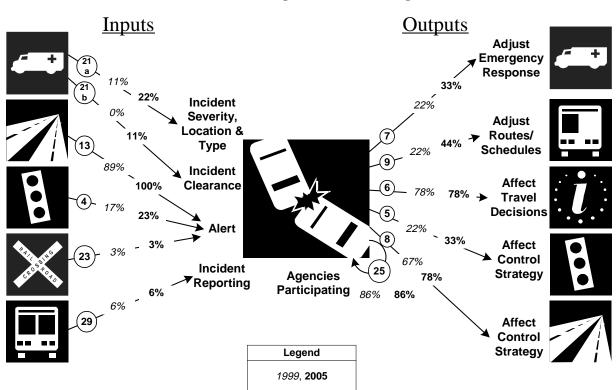
* Indicators are single surrogates that do not necessarily reflect the full breadth of ITS deployment activity. ** Deployment opportunity reflects potential totals that do not necessarily reflect actual need.

| | | 1997 | | 1999 | | | 2005 | | |
|--------------------------|------|------|-----|------|------|------|------|------|------|
| Description | Num | Den | % | Num | Den | % | Num | Den | % |
| Freeway miles are | 314 | 1286 | 24% | 318 | 1286 | 25% | 914 | 1286 | 71% |
| covered by incident | | | | | | | | | |
| detection algorithms | | | | | | | | | |
| Freeway miles are | | 1286 | | 1286 | 1286 | 100% | 1286 | 1286 | 100% |
| covered by free cellular | | | | | | | | | |
| phone calls to a | | | | | | | | | |
| dedicated number | | | | | | | | | |
| Freeway miles are | 196. | 1286 | 15% | 113 | 1286 | 9% | 188 | 1286 | 15% |
| covered by surveillance | 78 | | | | | | | | |
| cameras. | | | | | | | | | |

| | 1997 | | 1999 | | | 2005 | | | |
|--|------|------|------|------|------|------|------|------|------|
| Description | Num | Den | % | Num | Den | % | Num | Den | % |
| Freeway miles are covered by on-call publicly-sponsored service patrol or towing services. | 602 | 1286 | 47% | 449 | 1286 | 35% | 519 | 1286 | 40% |
| Arterial miles are covered by incident detection algorithms | 36 | 7232 | 0% | 93 | 7232 | 1% | 279 | 7232 | 4% |
| Arterial miles are covered by free cellular phone calls to a dedicated number | | 7232 | | 7232 | 7232 | 100% | 7232 | 7232 | 100% |
| Arterial miles are covered by surveillance cameras | 57 | 7232 | 1% | 145 | 7232 | 2% | 700 | 7232 | 10% |
| Arterial miles are covered by on-call publicly-sponsored service patrol or towing services | 24 | 7232 | 0% | 25 | 7232 | 0% | 70 | 7232 | 1% |

Incident Management Integration Indicators

New York, Northern New Jersey, Southwestern Connecticut



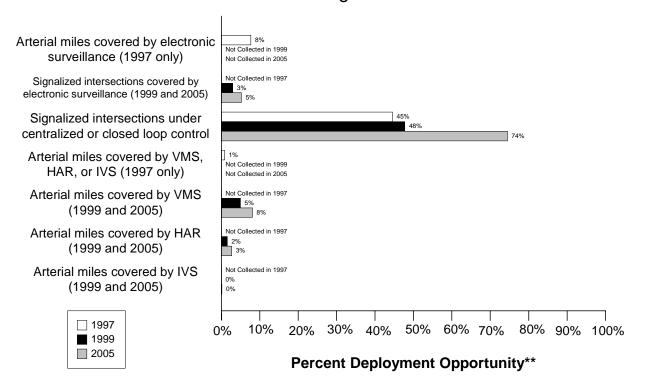
Incident Management Integration*

* Indicators are single surrogates that do not necessarily reflect the full breadth of ITS deployment activity

| Link Description | 1999 | 2005 |
|--|--------|--------|
| 21a. Incident management agencies receiving incident severity from | (1/9) | (2/9) |
| Emergency Management | 11% | 22% |
| 21b. Incident management agencies receiving incident clearance | (0/9) | (1/9) |
| activities from Emergency Management | 0% | 11% |
| 13. Freeway Management agencies sending freeway conditions to | (8/9) | (9/9) |
| Incident Management | 89% | 100% |
| 4. Arterial Management agencies sending arterial conditions to | (6/35) | (8/35) |
| Incident Management | 17% | 23% |
| 23. Arterial Management agencies receive information on highway- | (1/35) | (1/35) |
| rail intersection crossing blockages for the purpose of managing | 3% | 3% |
| incident response | | |
| 29. Transit Management agencies report traffic incidents as part of an | (1/17) | (1/17) |
| organized regional incident management program | 6% | 6% |

| Link Description | 1999 | 2005 |
|---|---------|---------|
| 7. Incident management agencies transfer information describing | (2/9) | (3/9) |
| incident severity, location, and type to Emergency Management | 22% | 33% |
| agencies | | |
| 9. Incident Management agencies transfer information describing | (2/9) | (4/9) |
| incident severity, location, and type to Transit Management agencies | 22% | 44% |
| 6. Incident Management agencies disseminate information describing | (7/9) | (7/9) |
| incident severity, location, and type to the public | 78% | 78% |
| 5. Incident Management agencies transfer information describing | (2/9) | (3/9) |
| incident severity, location, and type to Arterial Management agencies | 22% | 33% |
| 8. Incident Management agencies transfer information describing | (6/9) | (7/9) |
| incident severity, location, and type to Freeway Management agencies | 67% | 78% |
| 25. Police, fire, and EMS agencies participating in a formal incident | (43/50) | (43/50) |
| management plan/team | 86% | 86% |

Arterial Management Component Indicators New York, Northern New Jersey, Southwestern Connecticut



Arterial Management*

* Indicators are single surrogates that do not necessarily reflect the full breadth of ITS deployment activity. ** Deployment opportunity reflects potential totals that do not necessarily reflect actual need.

| | | 1997 1999 | | | 1999 | | | 2005 | |
|--------------------|-----|------------------|----|-----|-------|----|------|-------|----|
| Description | Num | Den | % | Num | Den | % | Num | Den | % |
| Arterial miles | 557 | 7232 | 8% | | | | | | |
| covered by | | | | | | | | | |
| electronic | | | | | | | | | |
| surveillance | | | | | | | | | |
| Signalized | | | | 875 | 29477 | 3% | 1434 | 27448 | 5% |
| intersections are | | | | | | | | | |
| covered by | | | | | | | | | |
| electronic | | | | | | | | | |
| surveillance for | | | | | | | | | |
| monitoring traffic | | | | | | | | | |
| flow | | | | | | | | | |

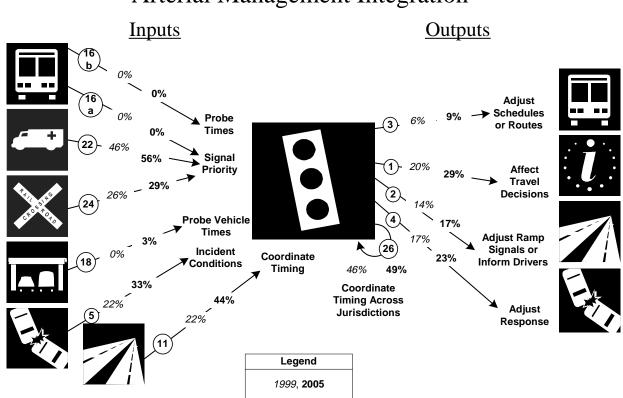
New York, Northern New Jersey, Southwestern Connecticut

Data as of 5/1/00

| | | 1997 | | 1999 | | | 2005 | | |
|---|------|-------|-----|-------|-------|-----|-------|-------|-----|
| Description | Num | Den | % | Num | Den | % | Num | Den | % |
| Signalized intersections are under centralized or closed loop control | 7860 | 17650 | 45% | 14075 | 29477 | 48% | 20436 | 27448 | 74% |
| Arterial miles are covered by VMS, HAR, or IVS | 60 | 7232 | 1% | | | | | | |
| Arterial miles are covered by VMS | | | | 360 | 7232 | 5% | 585 | 7232 | 8% |
| Arterial miles are covered by HAR | | | | 113 | 7232 | 2% | 196 | 7232 | 3% |
| Arterial miles are covered by IVS | | | | 0 | 7232 | 0% | 10 | 7232 | 0% |

Arterial Management Integration Indicators

New York, Northern New Jersey, Southwestern Connecticut



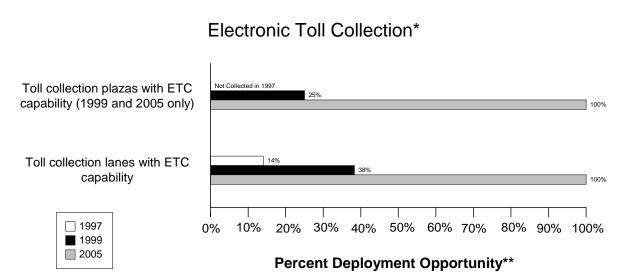
Arterial Management Integration*

* Indicators are single surrogates that do not necessarily reflect the full breadth of ITS deployment activity

| Link Description | 1999 | 2005 |
|---|---------|----------|
| 16a. Transit management agencies with vehicles equipped with traffic | (0/17) | (0/ 17) |
| signal priority | 0% | 0% |
| 16b. Transit Management agencies have vehicles equipped as probes | (0/17) | (0/ 17) |
| on arterials | 0% | 0% |
| 22. Emergency Management agencies have vehicles equipped with | (23/50) | (28/50) |
| traffic signal preemption capability | 46% | 56% |
| 24. Arterial Management agencies have traffic signals within 200 feet | (9/35) | (10/35) |
| of a highway rail intersection with the capability of having their signal | 26% | 29% |
| timing adjusted in response to a train crossing | | |
| 18. Number of Arterial Management agencies receiving information | (0/35) | (1/35) |
| from vehicle probes | 0% | 3% |
| 5. Incident Management agencies transfer information describing | (2/9) | (3/9) |
| incident severity, location, and type to Arterial Management | 22% | 33% |
| 11. Freeway Management agencies transfer freeway travel times, | (2/9) | (4/9) |
| speeds, and conditions to Arterial Management agencies | 22% | 44% |

| Link Description | 1999 | 2005 |
|---|---------|---------|
| 3. Arterial Management agencies transfer arterial travel times, speeds, | (2/35) | (3/35) |
| and conditions to Transit Management | 6% | 9% |
| 1. Arterial Management agencies disseminate arterial travel times, | (7/35) | (10/35) |
| speeds, and conditions to the public | 20% | 29% |
| 2. Arterial Management agencies send traffic condition information to | (5/35) | (6/35) |
| Freeway Management | 14% | 17% |
| 4. Arterial Management agencies transfer arterial travel times, speeds, | (6/35) | (8/35) |
| and conditions to Incident Management | 17% | 23% |
| 26. Arterial Management agencies under cooperative agreement to | (16/35) | (17/35) |
| share traffic signal timing for coordinated response | 46% | 49% |

Electronic Toll Collection Component Indicators New York, Northern New Jersey, Southwestern Connecticut Data as of 5/1/00

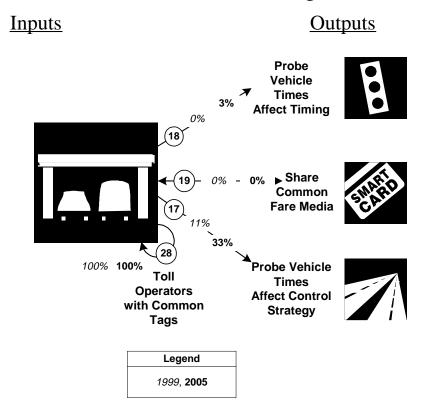


* Indicators are single surrogates that do not necessarily reflect the full breadth of ITS deployment activity. ** Deployment opportunity reflects potential totals that do not necessarily reflect actual need.

| | 1997 | | | | 1999 | | | 2005 | | |
|------------------------|------|-----|-----|-----|------|-----|-----|------|------|--|
| Description | Num | Den | % | Num | Den | % | Num | Den | % | |
| Toll collection plazas | | | | 22 | 88 | 25% | 81 | 81 | 100% | |
| with ETC capability | | | | | | | | | | |
| Toll collection lanes | 138 | 983 | 14% | 415 | 1084 | 38% | 391 | 391 | 100% | |
| with ETC capability | | | | | | | | | | |

Electronic Toll Collection Integration Indicators

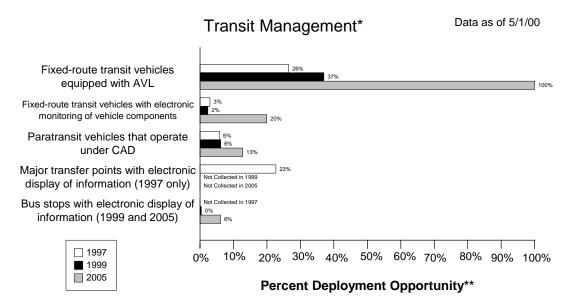
New York, Northern New Jersey, Southwestern Connecticut Electronic Toll Collection Integration*



* Indicators are single surrogates that do not necessarily reflect the full breadth of ITS deployment activity

| Link Description | 1999 | 2005 |
|--|---------|---------|
| 18. Number of Arterial Management agencies receiving information | (0/35) | (1/35) |
| from vehicle probes | 0% | 3% |
| 19. Transit agencies that accept electronic payment through the use of | (0/17) | (0/17) |
| electronic toll collection media | 0% | 0% |
| 17. Freeway Management agencies receiving information from vehicle | (1/9) | (3/9) |
| probes | 11% | 33% |
| 28. Toll operators using common toll tag technology | (18/18) | (18/18) |
| | 100% | 100% |

Transit Management Component Indicators New York, Northern New Jersey, Southwestern Connecticut

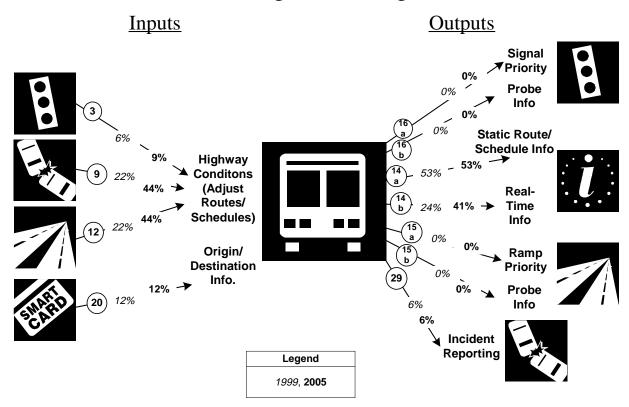


* Indicators are single surrogates that do not necessarily reflect the full breadth of ITS deployment activity. ** Deployment opportunity reflects potential totals that do not necessarily reflect actual need.

| | | 1997 1999 | | | | 2005 | | | |
|---|------|-----------|-----|------|-------|------|------|-----------|------|
| Description | Num | Den | % | Num | Den | % | Num | Den | % |
| Fixed-route transit vehicles are equipped with AVL | 2270 | 8573 | 26% | 2614 | 7056 | 37% | 3032 | 3032 | 100% |
| Fixed-route transit vehicles are equipped with electronic monitoring of vehicle component | 258 | 8551 | 3% | 168 | 7056 | 2% | 606 | 3032 | 20% |
| Paratransit vehicles operate under computer-aided dispatch | 23 | 391 | 6% | 82 | 1328 | 6% | 147 | 1149 | 13% |
| Percent fixed-route transfer locations with electronic display of information | 17 | 75 | 23% | | | | | | |
| Bus stops display information to the public | | | | 160 | 38530 | 0% | 1504 | 2450 0 | 6% |

Transit Management Integration Indicators

New York, Northern New Jersey, Southwestern Connecticut Transit Management Integration*



* Indicators are single surrogates that do not necessarily reflect the full breadth of ITS deployment activity

| Link Description | 1999 | 2005 |
|---|--------|--------|
| 3. Arterial Management agencies transfer arterial travel times, speeds, | (2/35) | (3/35) |
| and conditions to Transit Management | 6% | 9% |
| 9. Incident management agencies transfer information describing | (2/9) | (4/9) |
| incident severity, location, and type to Transit Management | 22% | 44% |
| 12. Freeway Management agencies transfer freeway travel times, | (2/9) | (4/9) |
| speeds, and conditions to Transit Management | 22% | 44% |
| 20. Transit Management agencies using Electronic Fare Payment data in | (2/17) | (2/17) |
| transit service planning | 12% | 12% |
| 16a. Transit Management agencies have vehicles equipped with traffic | (0/17) | (0/17) |
| signal priority capability | 0% | 0% |
| 16b. Transit Management agencies have vehicles equipped as probes on | (0/17) | (0/17) |
| arterials | 0% | 0% |
| 14a. Transit Management agencies disseminate information describing | (9/17) | (9/17) |
| transit routes, schedules, and fares to travelers | 53% | 53% |

| Link Description | 1999 | 2005 |
|--|--------|--------|
| 14b. Transit Management agencies disseminate information describing | (4/17) | (7/17) |
| schedule/route adherence to travelers | 24% | 41% |
| 15a. Transit Management agencies have vehicles equipped with ramp | (0/17) | (0/17) |
| meter priority capability | 0% | 0% |
| 15b. Transit Management agencies have vehicles equipped as probes on | (0/17) | (0/17) |
| freeways | 0% | 0% |
| 29. Transit Management agencies that report traffic incidents as part of | (1/17) | (1/17) |
| an organized regional Incident Management program | 6% | 6% |

Electronic Fare Payment Component Indicators New York, Northern New Jersey, Southwestern Connecticut

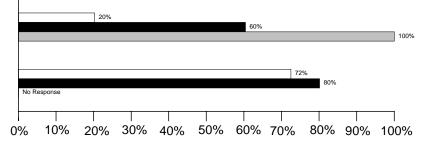
Electronic Fare Payment*

Fixed-Route buses accepting electronic fare payment

Rail transit stations accepting electronic fare payment

1997

19992005



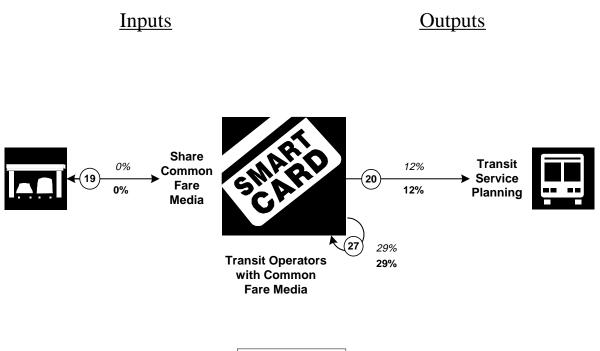
Percent Deployment Opportunity**

* Indicators are single surrogates that do not necessarily reflect the full breadth of ITS deployment activity. ** Deployment opportunity reflects potential totals that do not necessarily reflect actual need.

| | 1997 | | | 1999 | | | 2005 | | |
|----------------------------|------|------|-----|------|------|-----|------|------|------|
| Description | Num | Den | % | Num | Den | % | Num | Den | % |
| Fixed-route transit | 1739 | 8573 | 20% | 4263 | 7056 | 60% | 4263 | 4063 | 100% |
| vehicles that accept | | | | | | | | | |
| electronic payment | | | | | | | | | |
| Rail transit stations that | 469 | 647 | 72% | 468 | 584 | 80% | | 585 | |
| accept electronic | | | | | | | | | |
| payment | | | | | | | | | |

Electronic Fare Payment Integration Indicators

New York, Northern New Jersey, Southwestern Connecticut Electronic Fare Payment Integration*



| Legend | |
|--------|--|
| 1999 | |
| 2005 | |
| | |

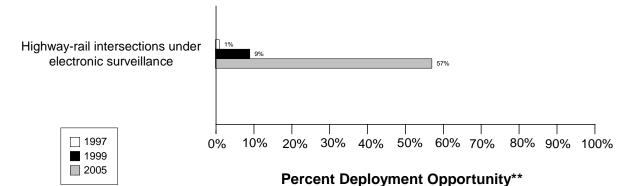
* Indicators are single surrogates that do not necessarily reflect the full breadth of ITS deployment activity

| Link Description | 1999 | 2005 |
|--|--------|--------|
| 19. Transit agencies that accept electronic payment through the use of | (0/17) | (0/17) |
| electronic toll collection media | 0% | 0% |
| 20. Transit Management agencies use Electronic Fare Payment data in | (2/17) | (2/17) |
| transit service planning | 12% | 12% |
| 27. Transit Management agencies that use the same electronic payment | (5/17) | (5/17) |
| system | 29% | 29% |

Highway Rail Intersection Component Indicators New York, Northern New Jersey, Southwestern Connecticut

Highway-Rail Intersections*

Data as of 5/1/00



* Indicators are single surrogates that do not necessarily reflect the full breadth of ITS deployment activity.

** Deployment opportunity reflects potential totals that do not necessarily reflect actual need.

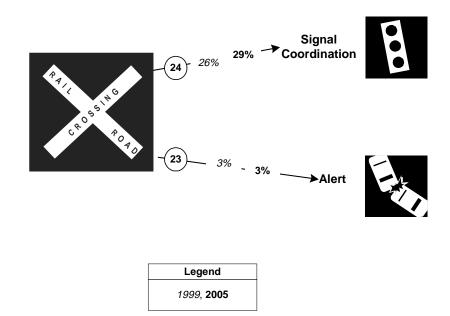
| | 1997 | | | 1999 | | | 2005 | | |
|----------------------------|------|-----|----|------|-----|----|------|-----|-----|
| Description | Num | Den | % | Num | Den | % | Num | Den | % |
| Highway-rail intersections | 4 | 369 | 1% | 7 | 77 | 9% | 44 | 77 | 57% |
| are under electronic | | | | | | | | | |
| surveillance | | | | | | | | | |

Highway Rail Intersection Integration Indicators

New York, Northern New Jersey, Southwestern Connecticut Highway Rail Intersections Integration*

Inputs

<u>Outputs</u>



* Indicators are single surrogates that do not necessarily reflect the full breadth of ITS deployment activity

| Link Description | 1999 | 2005 |
|--|--------|--------|
| 24. Arterial Management agencies with traffic signals within 200 feet of | (9/35) | (10/ |
| a highway rail intersection with the capability of having their signal | 26% | 35) |
| timing adjusted in response to a train crossing | | 29% |
| 23. Arterial Management agencies receive information on highway-rail | (1/35) | (1/35) |
| intersection crossing blockages for the purpose of managing incident | 3% | 3% |
| response | | |

Emergency Management Component Indicators

New York, Northern New Jersey, Southwestern Connecticut

Emergency Management* Emergency Management Vehicles 19% 28% under Compute-Aided Dispatch 79% **Emergency Management vehicles** 0% 1% 3% with on-vehicle navigation capabilities 1997 10% 20% 30% 40% 50% 60% 70% 80% 90% 100% 0% 1999 2005 Percent Deployment Opportunity**

* Indicators are single surrogates that do not necessarily reflect the full breadth of ITS deployment activity.

** Deployment opportunity reflects potential totals that do not necessarily reflect actual need.

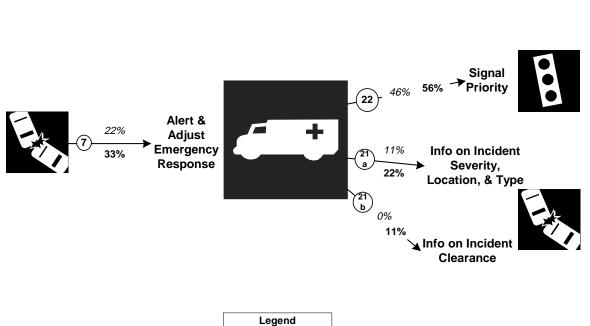
| | 1997 | | | 1999 | | | 2005 | | |
|-------------------------|------|------|-----|------|------|-----|------|------|-----|
| Description | Num | Den | % | Num | Den | % | Num | Den | % |
| Public sector emergency | 556 | 2947 | 19% | 754 | 2721 | 28% | 1909 | 2406 | 79% |
| vehicles that operate | | | | | | | | | |
| under computer-aided | | | | | | | | | |
| dispatch | | | | | | | | | |
| Public sector emergency | 5 | 2947 | 0% | 23 | 2721 | 1% | 63 | 2406 | 3% |
| vehicles that have in- | | | | | | | | | |
| vehicle route guidance | | | | | | | | | |
| capability | | | | | | | | | |

Emergency Management Integration Indicators

<u>Inputs</u>

New York, Northern New Jersey, Southwestern Connecticut Emergency Management Integration*

Outputs



1999, **2005**

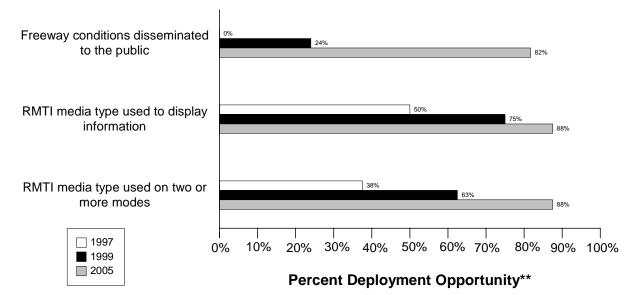
* Indicators are single surrogates that do not necessarily reflect the full breadth of ITS deployment activity

| Link Description | 1999 | 2005 |
|--|-------|-------|
| 7. Freeway Management agencies transfer information describing | (2/9) | (3/9) |
| incident severity, location, and type to Emergency Management agencies | 22% | 33% |
| 22. Emergency Management agencies have vehicles equipped with | (23/ | (28/ |
| traffic signal preemption capability | 50) | 50) |
| | 46% | 56% |
| 21a. Freeway Management agencies receive incident severity, location, | (1/9) | (2/9) |
| and type data from Emergency Management agencies | 11% | 22% |
| 21b. Freeway Management agencies receive incident clearance | (0/9) | (1/9) |
| activities information from Emergency Management agencies | 0% | 11% |

Regional Multimodal Traveler Information Component Indicators New York, Northern New Jersey, Southwestern Connecticut

Data as of 5/1/00

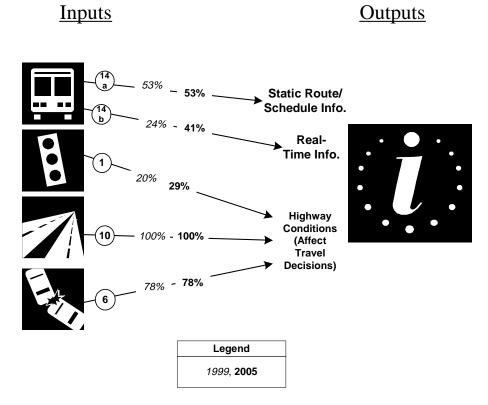
Regional Multimodal Traveler Information*



* Indicators are single surrogates that do not necessarily reflect the full breadth of ITS deployment activity. ** Deployment opportunity reflects potential totals that do not necessarily reflect actual need.

| | 1997 | | | | 1999 | | | 2005 | | |
|------------------------|------|------|-----|-----|------|-----|------|------|-----|--|
| Description | Num | Den | % | Num | Den | % | Num | Den | % | |
| Freeway conditions | 0 | 1286 | 0% | 309 | 1286 | 24% | 1051 | 1286 | 82% | |
| disseminated to | | | | | | | | | | |
| travelers | | | | | | | | | | |
| Possible RMTI media | 4 | 8 | 50% | 6 | 8 | 75% | 7 | 8 | 88% | |
| types are used to | | | | | | | | | | |
| display information to | | | | | | | | | | |
| travelers | | | | | | | | | | |
| Possible RMTI media | 3 | 8 | 38% | 5 | 8 | 63% | 7 | 8 | 88% | |
| are used to display | | | | | | | | | | |
| information on two or | | | | | | | | | | |
| more modes to | | | | | | | | | | |
| travelers | | | | | | | | | | |

Regional Multimodal Traveler Information Integration Indicators New York, Northern New Jersey, Southwestern Connecticut Regional Multimodal Traveler Information Integration*

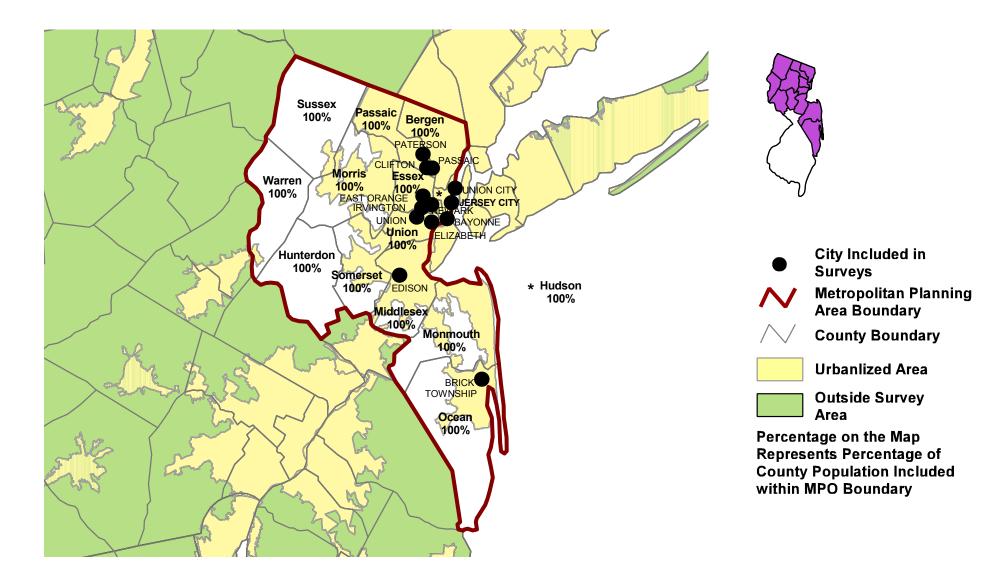


* Indicators are single surrogates that do not necessarily reflect the full breadth of ITS deployment activity

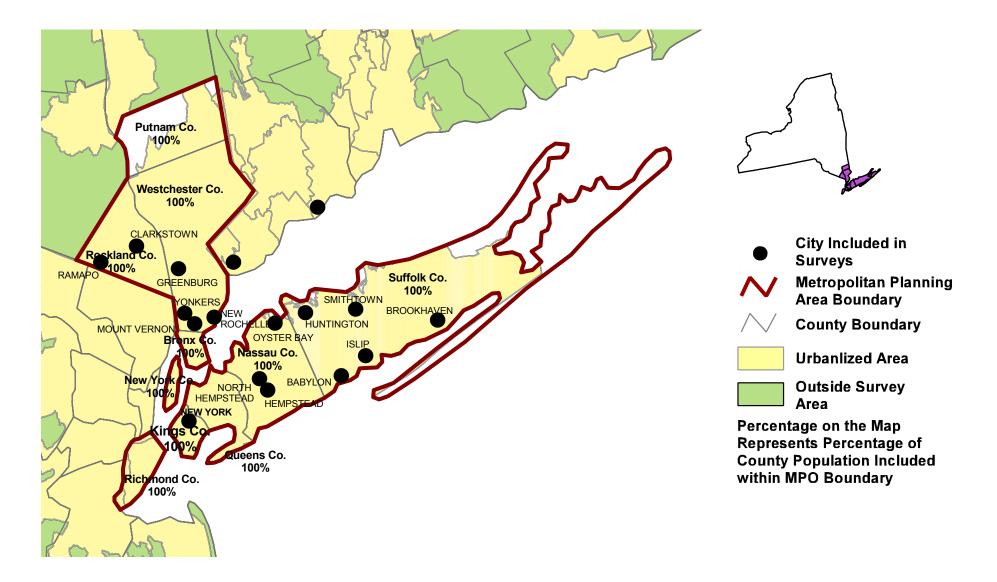
| Link Description | 1999 | 2005 |
|---|--------|--------|
| 14a. Transit Management agencies that disseminate information | (9/17) | (9/17) |
| describing transit routes, schedules, and fares to travelers | 53% | 53% |
| 14b. Transit Management agencies that disseminate information | (4/17) | (7/17) |
| describing schedule/route adherence to travelers | 24% | 41% |
| 1. Arterial Management agencies that disseminate arterial travel times, | (7/35) | (10/ |
| speeds, and conditions to the public | 20% | 35) |
| | | 29% |
| 10. Freeway Management agencies that disseminate freeway travel | (9/9) | (9/9) |
| times, speeds, and conditions to travelers | 100% | 100% |
| 6. Incident Management agencies that disseminate information | (7/9) | (7/9) |
| describing incident severity, location, and type to the public | 78% | 78% |

Appendix A Survey Coverage Area

NORTH JERSEY TRANSPORTATION PLANNING AUTHORITY, NJ



NEW YORK METROPOLITAN TRANSPORTATION COUNCIL, NY



Appendix B Surveyed Agencies

Surveyed Agencies

| Agency Name | Phone | Fax | 199 | 99 | 19 | 97 |
|---|----------------|----------------|------------|------------|------------|------------|
| | | | Out | In | Out | In |
| NEW YORK, NOR | THERN NEW JER | SEY, SOUTHWEST | FERN CONNE | CTICUT | | |
| Arterial Management | | | | | | |
| Warren County | (908) 475-6545 | (908) 475-6566 | 7/29/1999 | 8/16/1999 | 9/16/1997 | 10/14/1997 |
| New Jersey Highway Authority(NJ) | (732) 442-8600 | (732) 293-1106 | 7/29/1999 | 10/12/1999 | 9/15/1997 | 10/7/1997 |
| New York State DOT-Hudson Valley Region 8 | (914) 949-2162 | (914) 949-3533 | 7/29/1999 | 10/13/1999 | 9/16/1997 | 10/1/1997 |
| New York City DOT for Queens County | 718-786-8853 | (212) 442-7790 | 7/29/1999 | 10/19/1999 | 9/24/1997 | |
| New York City DOT | (718) 786-2008 | (718) 937-6807 | 7/29/1999 | 10/13/1999 | 9/16/1997 | 9/25/1997 |
| New Jersey Department of Transportation(NJ) | (973) 770-5115 | (973) 770-5066 | 7/29/1999 | 10/25/1999 | 12/10/1997 | 12/31/1997 |
| Nassau County | (516) 571-4134 | (516) 571-6623 | 7/29/1999 | 9/3/1999 | 9/22/1997 | 10/17/1997 |
| Jersey City(NJ) | (201) 547-4470 | (201) 547-4803 | 7/29/1999 | 10/19/1999 | 9/15/1997 | 10/7/1997 |
| New York State DOT-Long Island Region 10 | (518) 457-1232 | (518) 457-1960 | 11/9/1999 | 11/9/1999 | 12/10/1997 | 12/31/1997 |
| Smithtown Town | (516) 360-7635 | (516) 360-7510 | 7/29/1999 | 9/20/1999 | 9/17/1997 | 9/29/1997 |
| Irvington Township(NJ) | (973) 299-7970 | (973) 334-5588 | 7/29/1999 | | 9/16/1997 | |
| Brookhaven Town | (516) 451-6480 | (516) 451-6256 | 7/29/1999 | | 9/16/1997 | |
| Clarkstown Town | (914) 623-7500 | (914) 624-7585 | 7/29/1999 | | 9/16/1997 | |
| Fairfield Town(CT) | (203) 256-3015 | (203) 256-3080 | 7/29/1999 | 8/5/1999 | 9/16/1997 | 9/22/1997 |
| Greenburgh Town | 914-682-5340 | 914-682-5342 | 7/29/1999 | 9/7/1999 | 9/16/1997 | 10/2/1997 |
| Greenwich Town(CT) | (203) 622-7731 | (203) 622-7831 | 7/29/1999 | 10/12/1999 | 9/16/1997 | |
| Huntington Town | (516) 351-3053 | (516) 351-3066 | 7/29/1999 | | 9/16/1997 | |
| Sussex County(NJ) | (973) 579-0430 | (973) 579-0444 | 7/29/1999 | | 9/16/1997 | |
| Ramapo Town(NJ) | (914) 357-6907 | (914) 357-8197 | 7/29/1999 | 9/27/1999 | 9/22/1997 | |
| Babylon Town | (516) 957-3105 | (516) 957-3115 | 7/29/1999 | 10/25/1999 | 9/15/1997 | 10/7/1997 |
| Union Township(NJ) | (908) 851-5029 | (908) 851-5442 | 7/29/1999 | | 9/16/1997 | |
| Westchester County | (914) 285-4084 | (914) 285-4479 | 7/29/1999 | 9/13/1999 | 9/16/1997 | |
| Hudson County(NJ) | (201) 915-1360 | (201) 433-9590 | 7/29/1999 | 10/19/1999 | | |
| Islip Town | (516) 224-5610 | (516) 224-5243 | 7/29/1999 | | 9/16/1997 | |
| Patterson City(NJ) | 973-881-3999 | 973-881-7924 | 7/29/1999 | | 9/22/1997 | 9/24/1997 |
| Somerset County | (908) 231-7024 | (908) 231-7170 | 7/29/1999 | 8/13/1999 | 9/16/1997 | |
| Bayonne City(NJ) | (201) 858-6070 | (201) 858-6039 | 7/29/1999 | 11/16/1999 | 10/6/1997 | 10/14/1997 |
| Bridgeport City(CT) | (203) 576-7142 | (203) 576-8330 | 7/29/1999 | 8/27/1999 | 9/17/1997 | |
| Clifton City(NJ) | (973) 470-5893 | (973) 470-5806 | 7/29/1999 | 8/6/1999 | 9/22/1997 | 9/26/1997 |
| East Orange City(NJ) | (973) 266-5330 | (973) 266-5367 | 7/29/1999 | 10/12/1999 | 9/16/1997 | |
| Elizabeth City(NJ) | (908) 558-2088 | (908) 527-6588 | 7/29/1999 | 10/21/1999 | 9/16/1997 | 10/10/1997 |
| Mount Vernon City | 914-665-2541 | 914-665-2477 | 7/29/1999 | 10/27/1999 | 9/16/1997 | 10/9/1997 |

New York, Northern New Jersey, Southwestern Connecticut

| Agency Name | Phone | Fax | 199 | 99 | 199 | 97 |
|---|----------------|----------------|-----------|------------|-----------|------------|
| | | | Out | In | Out | In |
| New Rochelle City | (914) 235-3859 | (914) 235-3592 | 7/29/1999 | 10/13/1999 | 9/16/1997 | |
| Newark City(NJ) | (973) 733-3969 | (973) 733-4772 | 7/29/1999 | 10/26/1999 | 9/22/1997 | 9/26/1997 |
| Norwalk City(CT) | (203) 854-7791 | 203-857-0143 | 7/29/1999 | 10/12/1999 | 9/22/1997 | 9/29/1997 |
| Passaic City(NJ) | (973) 365-5500 | (973) 472-2639 | 7/29/1999 | | 9/16/1997 | |
| Stamford City(CT) | 203-977-5675 | 203-977-4004 | 7/29/1999 | 11/18/1999 | 9/24/1997 | 10/6/1997 |
| Union City - New Jersey | (201) 348-5771 | (201) 348-5728 | 7/29/1999 | 10/27/1999 | 9/16/1997 | |
| Yonkers City Traffic Engineering Division | (914) 377-6739 | (914) 964-5438 | 7/29/1999 | | 9/16/1997 | |
| Ocean County(NJ) | (732) 929-2130 | (732) 506-5182 | 7/29/1999 | 10/19/1999 | 9/16/1997 | |
| Hunterdon County | (908) 788-1229 | (908) 788-1231 | 7/29/1999 | 8/9/1999 | 9/22/1997 | 9/29/1997 |
| Monmouth County(NJ) | (732) 431-7760 | (732) 431-7765 | 7/29/1999 | | 9/16/1997 | |
| Essex County(NJ) | (973) 226-8500 | (973) 226-7469 | 7/29/1999 | | 9/22/1997 | 9/29/1997 |
| Connecticut Department of Transportation(CT) | (860) 594-2636 | (860) 594-2655 | 7/29/1999 | 10/13/1999 | 9/16/1997 | 11/13/1997 |
| Middlesex County(NJ) | (732) 745-3283 | (732) 937-4585 | 7/29/1999 | 10/12/1999 | 9/16/1997 | 10/14/1997 |
| Bergen County(NJ) | (201) 646-2865 | (201) 646-3584 | 7/29/1999 | 11/17/1999 | 9/16/1997 | |
| Electronic Toll Collection | | | II | I | 1 | |
| Port Authority of NY and NJ/Goethals Bridge | (212) 435-5141 | (212) 435-5502 | 6/30/1999 | 8/30/1999 | 9/15/1997 | |
| Port Authority of NY and NJ/Outerbridge | (212) 435-5141 | (212) 435-5502 | 6/30/1999 | 8/30/1999 | 9/15/1997 | |
| MTA Bridges & Tunnels/Henry Hudson Bridge | (212) 468-8484 | (212) 468-8475 | 6/30/1999 | 8/17/1999 | 9/15/1997 | 10/14/1997 |
| Port Authority of NY and NJ/George Washington | (212) 435-5141 | (212) 435-5502 | 6/30/1999 | 8/30/1999 | 9/15/1997 | |
| Port Authority of NY and NJ/Holland Tunnel | (212) 435-5141 | (212) 435-5502 | 6/30/1999 | 8/30/1999 | 9/15/1997 | |
| New York State Thruway Authority | 518-436-2805 | 518-436-2968 | 8/18/1999 | 9/8/1999 | 9/15/1997 | 2/28/1998 |
| Port Authority of NY and NJ/Bayone Bridge | (212) 435-5141 | (212) 435-5502 | 6/30/1999 | 8/30/1999 | 9/15/1997 | |
| MTA Bridges & Tunnels/Throgs Neck Bridge (I- | (212) 468-8484 | (212) 468-8475 | 6/30/1999 | 8/17/1999 | 9/15/1997 | 10/14/1997 |
| MTA Bridges & Tunnels/Marine Parkway Bridge | (212) 468-8484 | (212) 468-8475 | 6/30/1999 | 8/17/1999 | 9/15/1997 | 10/14/1997 |
| New Jersey Highway Authority(NJ) | (732) 442-8600 | (732) 293-1106 | 6/30/1999 | 7/8/1999 | 9/15/1997 | 10/7/1997 |
| MTA Bridges & Tunnels/Cross Bay Bridge | (212) 468-8484 | (212) 468-8475 | 6/30/1999 | 8/17/1999 | 9/15/1997 | 10/14/1997 |
| MTA Bridges & Tunnels/Brooklyn Battery Tunnel | (212) 468-8484 | (212) 468-8475 | 6/30/1999 | 8/17/1999 | 9/15/1997 | 10/14/1997 |
| MTA Bridges & Tunnels/Queens Midtown | (212) 468-8484 | (212) 468-8475 | 6/30/1999 | 8/17/1999 | 9/15/1997 | 10/14/1997 |
| MTA Bridges & Tunnels/Verrazano-Narrows | (212) 468-8484 | (212) 468-8475 | 6/30/1999 | 8/17/1999 | 9/15/1997 | 10/14/1997 |
| Port Authority of NY and NJ/Lincoln Tunnel | (212) 435-5141 | (212) 435-5502 | 6/30/1999 | 8/30/1999 | 9/15/1997 | |
| MTA Bridges & Tunnels/Bronx-Whitestone | (212) 468-8484 | (212) 468-8475 | 6/30/1999 | 8/17/1999 | 9/15/1997 | 10/14/1997 |
| MTA Bridges & Tunnels/Triborouth Bridge (I- | (212) 468-8484 | (212) 468-8475 | 6/30/1999 | 8/17/1999 | 9/15/1997 | 10/14/1997 |
| New Jersey Turnpike Authority(NJ) | (732) 247-0900 | (732) 247-1434 | 6/30/1999 | 7/1/1999 | 9/15/1997 | 9/24/1997 |
| Emergency Management | | | | | | |
| Amityville Fire District | (516) 957-3105 | (516) 957-3115 | 6/24/1999 | 7/2/1999 | | |
| Amityville Fire District Emergency Medical | (516) 957-3105 | (516) 957-3115 | 6/24/1999 | 7/2/1999 | | |
| Now Vark Northarn Now Jaraov Southwastorn C | | D 2 | | | | |

| Agency Name | Phone | Fax | 199 | 9 | 199 | 7 |
|---|----------------|----------------|-----------|-----------|-----------|-----------|
| | | | Out | In | Out | In |
| Babylon Fire District | (516) 957-3105 | (516) 957-3115 | 6/24/1999 | 7/2/1999 | 9/17/1997 | 10/6/1997 |
| Babylon Fire District Emergency Medical | (516) 957-3105 | (516) 957-3115 | 6/24/1999 | 7/2/1999 | 9/17/1997 | 10/6/1997 |
| Babylon Town Fire Marsha & Hazardous | (516) 957-3105 | (516) 957-3115 | 6/24/1999 | 7/2/1999 | 9/17/1997 | 10/6/1997 |
| Bayonne City Fire Department(NJ) | (201) 856-6008 | (201) 858-6039 | 6/24/1999 | 9/2/1999 | 7/24/1998 | 7/24/1998 |
| Bergen County Emergency Medical | (201) 646-2865 | (201) 646-3584 | 6/24/1999 | | 9/16/1997 | |
| Bridgeport City Emergency Medical | (203) 576-8376 | (203) 576-7154 | 6/24/1999 | 7/6/1999 | 9/17/1997 | 10/6/1997 |
| Bridgeport City Fire Department(CT) | (203) 576-8376 | (203) 576-7154 | 6/24/1999 | 7/6/1999 | 9/17/1997 | 10/6/1997 |
| Bridgeport City Police Department(CT) | (203) 576-8376 | (203) 576-7154 | 6/24/1999 | 7/6/1999 | 9/17/1997 | 10/6/1997 |
| Clifton City Emergency Response (Other)(NJ) | (973) 470-5893 | (973) 470-5806 | 6/24/1999 | | 9/22/1997 | 9/26/1997 |
| Clifton City Fire Department (EMS)(NJ) | 973-470-5801 | 973-470-5844 | 6/24/1999 | 6/25/1999 | 9/22/1997 | 9/26/1997 |
| Clifton City Fire Department(NJ) | 973-470-5803 | 973-470-5844 | 6/24/1999 | 6/25/1999 | 9/22/1997 | 9/26/1997 |
| Clifton City Police Department(NJ) | (973) 470-5893 | (973) 470-5806 | 6/24/1999 | | 9/22/1997 | 9/26/1997 |
| Copiague Fire District | (516) 957-3105 | (516) 957-3115 | 6/24/1999 | 7/2/1999 | | |
| Copiague Fire District Emergency Medical | (516) 957-3105 | (516) 957-3115 | 6/24/1999 | 7/2/1999 | | |
| Deer Park Fire District | (516) 957-3105 | (516) 957-3115 | 6/24/1999 | 7/2/1999 | | |
| Deer Park Fire District Emergency Medical | (516) 957-3105 | (516) 957-3115 | 6/24/1999 | 7/2/1999 | | |
| East Farmingdale Fire District | (516) 957-3105 | (516) 957-3115 | 6/24/1999 | 7/2/1999 | | |
| East Farmingdale Fire District Emergency | (516) 957-3105 | (516) 957-3115 | 6/24/1999 | 7/2/1999 | | |
| Elizabeth City Emergency Medical Services(NJ) | (908) 558-2088 | (908) 527-6588 | 6/24/1999 | 8/12/1999 | 9/17/1997 | 10/6/1997 |
| Elizabeth City Fire Department(NJ) | (908) 820-2806 | 908-994-0991 | 6/24/1999 | 8/3/1999 | 9/17/1997 | 10/6/1997 |
| Elizabeth City Police Department(NJ) | (908) 558-2088 | (908) 527-6588 | 6/24/1999 | 8/12/1999 | 9/17/1997 | 10/6/1997 |
| Greenburgh Town Emergency Medical Services | 914-682-5340 | 914-682-5342 | 6/24/1999 | 7/13/1999 | 9/16/1997 | 10/2/1997 |
| Greenburgh Town Police Department | 914-682-5340 | 914-682-5342 | 6/24/1999 | 7/13/1999 | 9/16/1997 | 10/2/1997 |
| Islip City Fire Department | (516) 581-5656 | (516) 581-2534 | 6/24/1999 | 8/11/1999 | 7/23/1998 | 7/23/1998 |
| Islip City Police Department | (516) 224-5656 | (516) 224-5672 | 6/24/1999 | | 7/24/1998 | 7/24/1998 |
| Jersey City Emergency Medical Services(NJ) | (201) 547-4470 | (201) 547-4803 | 6/24/1999 | | 9/17/1997 | 10/7/1997 |
| King County Sheriff | (212) 247-6188 | (212) 397-0370 | 6/24/1999 | 8/30/1999 | 7/16/1998 | 7/16/1998 |
| Lindenhurst Fire District Emergency Medical(NJ) | (516) 957-3105 | (516) 957-3115 | 6/24/1999 | 7/2/1999 | | |
| Lindenhurst Fire District(NJ) | (516) 957-3105 | (516) 957-3115 | 6/24/1999 | 7/2/1999 | | |
| Monmouth County Sheriff(NJ) | (732) 308-2977 | (732) 294-5965 | 6/24/1999 | 6/25/1999 | 7/24/1998 | 7/24/1998 |
| Morris County Sheriff Department(NJ) | (973) 285-6600 | (973) 285-6842 | 6/24/1999 | | 7/24/1998 | 7/24/1998 |
| Mount Vernon City Emergency Medical Services | (914) 665-2612 | (914) 665-2630 | 7/8/1999 | 8/12/1999 | | |
| Mount Vernon City Fire Department | (914) 665-2612 | (914) 665-2630 | 7/8/1999 | 8/12/1999 | | |
| Mount Vernon City Police Department | 914-665-2300 | 914-665-2496 | 7/8/1999 | 9/17/1999 | | |
| New Jersey Highway Authority(NJ) | (732) 442-8600 | (732) 293-1106 | 6/24/1999 | 8/17/1999 | | |
| New Rochelle Fire Department | (914) 654-2211 | 914-632-2907 | 6/24/1999 | 6/28/1999 | 7/24/1998 | 7/24/1998 |

New York, Northern New Jersey, Southwestern Connecticut

| Agency Name | Phone | Fax | 199 | 99 | 199 | 97 |
|--|----------------|----------------|-----------|------------|------------|------------|
| | | | Out | In | Out | In |
| New York County Sheriff | (212) 247-6188 | (212) 397-0370 | 6/24/1999 | 8/30/1999 | 7/16/1998 | 7/16/1998 |
| Newark City Fire Department(NJ) | 973-733-3660 | 973-733-3662 | 8/11/1999 | | 9/22/1997 | 9/26/1997 |
| North Amityville Fire District | (516) 957-3105 | (516) 957-3115 | 6/24/1999 | 7/2/1999 | | |
| North Amityville Fire District Emergency Medical | (516) 957-3105 | (516) 957-3115 | 6/24/1999 | 7/2/1999 | | |
| North Babylon Fire District | (516) 957-3105 | (516) 957-3115 | 6/24/1999 | 7/2/1999 | | |
| North Babylon Fire District Emergency Medical | (516) 957-3105 | (516) 957-3115 | 6/24/1999 | 7/2/1999 | | |
| North Lindenhurst Fire District Emergency | (516) 957-3105 | (516) 957-3115 | 6/24/1999 | 7/2/1999 | | |
| North Lindenhurst Fire District(NJ) | (516) 957-3105 | (516) 957-3115 | 6/24/1999 | 7/2/1999 | | |
| Norwalk City Fire Department(CT) | 203-866-3312 | 203-857-4411 | 6/24/1999 | 8/27/1999 | 9/16/1997 | 9/29/1997 |
| Norwalk City Police Department(CT) | 203-000-0000 | 203-857-0143 | 6/24/1999 | | 9/16/1997 | 9/29/1997 |
| Queens County Sheriff | (212) 247-6188 | (212) 397-0370 | 6/24/1999 | 8/30/1999 | 7/15/1998 | 7/15/1998 |
| Richmond County Sheriff | (212) 247-6188 | (212) 397-0370 | 6/24/1999 | 8/30/1999 | 7/16/1998 | 7/16/1998 |
| Smithtown Town Emergency Medical Services | (516) 360-7635 | (516) 360-7510 | 6/24/1999 | | 9/16/1997 | 9/29/1997 |
| Smithtown Town Fire Department | (516) 360-7635 | (516) 360-7510 | 6/24/1999 | | 9/16/1997 | 9/29/1997 |
| Suffolk County Emergency Medical Services | (516) 852-4165 | (516) 852-4150 | 6/24/1999 | 7/13/1999 | 9/16/1997 | 12/23/1997 |
| Suffolk County Fire Department | (516) 852-4165 | (516) 852-4150 | 6/24/1999 | 7/13/1999 | 9/16/1997 | 12/23/1997 |
| Sussex County Sheriff | (973) 579-0850 | (973) 579-7884 | 6/24/1999 | 6/25/1999 | 7/24/1998 | 7/24/1998 |
| West Babylon Fire District | (516) 957-3105 | (516) 957-3115 | 6/24/1999 | 7/2/1999 | | |
| West Babylon Fire District Emergency Medical | (516) 957-3105 | (516) 957-3115 | 6/24/1999 | 7/2/1999 | | |
| Wyandanch Fire District | (516) 957-3105 | (516) 957-3115 | 6/24/1999 | 7/2/1999 | | |
| Wyandanch-Wheatley Heights Ambulance | (516) 957-3105 | (516) 957-3115 | 6/24/1999 | 7/2/1999 | | |
| Yonkers Fire Department | (914) 377-7500 | (914) 377-7560 | 6/25/1999 | 6/28/1999 | 7/23/1998 | 7/23/1998 |
| Freeway Management | | | 11 | | I | |
| Connecticut Department of Transportation(CT) | (860) 594-2636 | (860) 594-2655 | 7/29/1999 | 10/10/1999 | 9/15/1997 | 11/13/1997 |
| New York State DOT-Long Island Region 10 | (518) 457-1232 | (518) 457-1960 | 11/9/1999 | 11/9/1999 | 12/10/1997 | 12/31/1997 |
| New York City DOT | (212) 442-7090 | (212) 442-7125 | 7/29/1999 | | 9/15/1997 | 12/31/1997 |
| New Jersey Highway Authority(NJ) | (732) 442-8600 | (732) 293-1106 | 7/29/1999 | 10/10/1999 | 9/15/1997 | 10/7/1997 |
| Palisades Interstate Park Commission | (201) 768-1360 | (201) 767-3842 | 7/29/1999 | 10/4/1999 | 9/15/1997 | 10/2/1997 |
| New Jersey Turnpike Authority(NJ) | (732) 247-0900 | (732) 247-1434 | 7/29/1999 | 8/9/1999 | 9/15/1997 | 9/24/1997 |
| Transcom | (201) 963-4033 | (201) 963-7488 | 7/29/1999 | 10/15/1999 | | |
| Port Authority of New York and New Jersey | (212) 435-5141 | (212) 435-5502 | 7/29/1999 | | 9/15/1997 | 11/13/1997 |
| New York State DOT-Hudson Valley Region 8 | (914) 949-2162 | (914) 949-3533 | 7/29/1999 | 9/17/1999 | 12/10/1997 | 12/31/1997 |
| New York State Thruway Authority | (518) 436-2816 | (518) 436-2968 | 9/8/1999 | 12/9/1999 | 9/15/1997 | 12/31/1997 |
| New Jersey Department of Transportation(NJ) MPO | (973) 770-5115 | (973) 770-5066 | 7/29/1999 | 8/23/1999 | 9/15/1997 | 9/27/1997 |
| South Western Regional Planning Agency(NJ) | (203) 866-5543 | (203) 866-6502 | 7/15/1999 | 9/27/1999 | | |

| Agency Name | Phone | Fax | 199 | 99 | 19 | 97 |
|--|----------------|----------------|------------|------------|------------|------------|
| | | | Out | In | Out | In |
| North Jersey Transportation Planning Authority | (973) 639-8400 | (973) 639-1953 | 7/15/1999 | 9/29/1999 | | |
| Greater Bridgeport Regional Planning | (203) 366-5405 | (203) 366-8437 | 7/15/1999 | 8/2/1999 | | |
| New York Metropolitan Transportation Council | (212) 938-3355 | (212) 938-3295 | 7/15/1999 | | | |
| Transit Management | | | · · · · · | | | |
| Suffolk County | (631) 852-4880 | (631) 852-4873 | 8/9/1999 | 12/15/1999 | 9/18/1997 | 9/26/1997 |
| Suburban Transit Corporation(NJ) | (732) 249-1100 | (732) 249-6527 | 8/9/1999 | | 10/6/1997 | |
| Staten Island Rapid Transit | 718-876-8238 | 718-876-8258 | 11/22/1999 | | 9/18/1997 | 10/7/1997 |
| Village of Spring Valley Bus | (914) 573-5800 | (914) 352-1164 | 8/9/1999 | | 9/18/1997 | |
| Westchester County | (914) 285-5259 | (914) 682-2987 | 8/9/1999 | 9/27/1999 | 9/18/1997 | 10/6/1997 |
| Green Bus Lines | (718) 995-4700 | (718) 995-4712 | 8/9/1999 | 11/22/1999 | 10/16/1997 | 11/19/1997 |
| Queens Surface Corporation | (718) 445-3500 | (718) 445-3992 | 8/9/1999 | | 10/6/1997 | 10/10/1997 |
| Norwalk Transit District/Westport Transit | (203) 853-3338 | (203) 853-6761 | 8/9/1999 | 8/23/1999 | 9/18/1997 | 9/29/1997 |
| New York City Transit Authority | (718) 330-4321 | (718) 596-2146 | 8/9/1999 | 9/13/1999 | 9/18/1997 | 10/7/1997 |
| New York City DOT | (212) 442-7738 | (212) 442-7348 | 8/9/1999 | | 9/18/1997 | 10/14/1997 |
| New York Bus Service | (718) 994-5500 | (718) 994-6927 | 8/9/1999 | | 10/6/1997 | |
| Rockland Coaches Incorporated | (201) 384-2400 | (201) 384-2765 | 8/9/1999 | | 9/18/1997 | 9/22/1997 |
| Clarkstown Mini-Trans | (914) 639-2050 | (914) 634-5456 | 8/9/1999 | 9/7/1999 | 7/2/1997 | 9/18/1997 |
| Academy Lines Incorporated(NJ) | (201) 420-7000 | (201) 420-6051 | 8/9/1999 | | 9/18/1997 | |
| Putnam County Transit | (914) 878-3480 | (914) 878-6721 | 8/9/1999 | 11/23/1999 | 9/18/1997 | 9/22/1997 |
| Stamford Dial-A-Ride(CT) | (203) 977-4049 | (203) 977-4759 | 8/9/1999 | 10/1/1999 | 9/18/1997 | |
| New Jersey Transit Corporation(NJ) | (973) 491-7861 | (973) 491-7837 | 8/9/1999 | 10/5/1999 | 7/2/1997 | 9/18/1997 |
| Command Bus Company | (718) 277-8100 | (718) 277-8210 | 8/9/1999 | 10/7/1999 | 10/6/1997 | 10/7/1997 |
| Connecticut Department of Transportation(CT) | (860) 594-2802 | (860) 594-3406 | 8/9/1999 | | 9/15/1997 | |
| Connecticut Transit-Stamford(CT) | (860) 522-8101 | (860) 247-1810 | 8/9/1999 | 8/20/1999 | 9/17/1997 | 9/23/1997 |
| Hudson Transit Lines Incorporated(NJ) | (201) 529-3666 | (201) 529-0221 | 8/9/1999 | | 9/18/1997 | 1/21/1998 |
| Jamaica Buses | (718) 526-0800 | (718) 739-3361 | 8/9/1999 | 8/26/1999 | 10/6/1997 | 10/8/1997 |
| Liberty Lines Express, Incorporation | (914) 376-6318 | (914) 376-6373 | 8/9/1999 | | 10/6/1997 | 10/16/1997 |
| Metro-North Railroad MTA | (212) 340-2677 | (212) 340-4995 | 8/9/1999 | 11/24/1999 | 9/18/1997 | 9/29/1997 |
| MTA Long Island Bus | (516) 542-0100 | (516) 542-1428 | 8/9/1999 | 9/14/1999 | 9/18/1997 | |
| Monsey New Square Trails(NJ) | (914) 354-7026 | (914) 354-9454 | 8/9/1999 | | 9/18/1997 | |
| Huntington Area Rapid Transit (HART) | 631-427-8822 | 631-427-2421 | 8/9/1999 | 8/20/1999 | 9/18/1997 | |
| Long Beach City | (516) 431-1000 | (516) 431-1389 | 8/9/1999 | 9/16/1999 | 9/18/1997 | 9/22/1997 |

Appendix C Freeway Management Components

| | | Department of tation(CT) | New Jersey [Transpor | Department of tation(NJ) | | ey Highway rity(NJ) | | ey Turnpike rity(NJ) |
|--|------|--------------------------|--------------------------|--------------------------|--------|------------------------|--------|-------------------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| | X | | | | | | N N | L |
| Agency Returned Survey? | Yes | | Yes | | Yes | | Yes | |
| FREEWAY MANAGEMENT SECTION | | | - | | | | | |
| Number of freeway centerline miles that agency owns or maintains | NR | | 306 | | 1,070 | | 61 | |
| Number of freeway centerline miles that is used for planning | NR | | 306 | | NR | | 61 | |
| Number of freeway entrance ramps that agency owns, operates or maintains | NR | | NR | | NR | | 55 | ļ |
| Number of freeway entrance ramps that is used for planning | NR | | NR | | NR | | 55 | |
| Type of facilities used to conduct freeway/incident management activities | | | | | | | | |
| Activities housed in a free-standing dedicated building? | No | | Yes | | No | | No | |
| Activities housed in a building shared with other activities? | No | | Yes | | No | | Yes | |
| Activities conducted in a dedicated control room? | No | | Yes | | Yes | | Yes | |
| Control room contains operator console(s)? | No | | No | | No | | No | |
| Control room contains electronic wall map? | No | | No | | No | | No | |
| Control room contains CCTV display(s)? | No | | No | | No | | No | |
| Activities conducted in a room containing workstations or PCs that manage traffic? | No | | Yes | | No | | Yes | |
| Facilities are electronically linked to other transportation mgt facilities? | No | | No | | No | | Yes | |
| Staffing and hours of operation of freeway/incident management activities | | | | | | | | |
| Number of full-time agency staff members | NR | N/A | 25 | N/A | 12 | N/A | 23 | N/A |
| Number of full time contractor staff members | NR | N/A | NR | N/A | NR | N/A | 0 | N/A |
| Number of part-time agency staff members | NR | N/A | NR | N/A | NR | N/A | NR | N/A |
| Number of part-time contractor staff members | NR | N/A | NR | N/A | NR | N/A | NR | N/A |
| Staffed 24 hours day by agency staff or by others | NR | N/A | NR | N/A | agency | N/A | agency | N/A |
| Staffed during peak hours only by agency staff or by others | NR | N/A | agency | N/A | NR | N/A | NR | N/A |
| Staffed by others during off-peak hours | No | N/A | No | N/A | No | N/A | No | N/A |
| Agency staff perform transportation management as an ancillary duty | No | N/A | No | N/A | No | N/A | No | N/A |
| Agency staff dedicated to transportation management duty | No | N/A | No | N/A | No | N/A | No | N/A |
| Types of operations conducted for freeway/incident management | | | | | | | | |
| Incident detection and management? | No | N/A | Yes | N/A | No | N/A | Yes | N/A |
| This metropolitan area? | No | N/A | Yes | N/A | No | N/A | No | N/A |
| Other metropolitan area? | No | N/A | Yes | N/A | No | N/A | No | N/A |
| Statewide? | No | N/A | Yes | N/A | No | N/A | Yes | N/A |
| Monitoring and troubleshooting status of system components? | No | N/A | Yes | N/A | No | N/A | Yes | N/A |
| Manual override of ramp metering rates at freeway on-ramps? | No | N/A | No | N/A | No | N/A | No | N/A |
| Operating transportation management roadside devices? | No | N/A | Yes | N/A | Yes | N/A | Yes | N/A |
| Radio communications with other agencies? | No | N/A | No | N/A | No | N/A | No | N/A |
| Exchange of electronic data with other agencies such as computer aided dispatch? | No | N/A | No | N/A | Yes | N/A | Yes | N/A |
| Real-Time Traffic Data Collection Technologies | | | | | | | | |

| | | Department of rtation(CT) | | Department of rtation(NJ) | | ey Highway rity(NJ) | | ey Turnpike rity(NJ) |
|---|------|------------------------------|------|------------------------------|------|------------------------|---------|-------------------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Total number of miles under surveillance with real-time data collection tech. | 35 | 40 | 70 | 120 | 12 | 60 | NR | NR |
| Number of Stations with data collection technologies | | | 1 | | | | | |
| Loop detectors | 0 | 0 | 0 | 0 | 0 | 0 | 861 | NR |
| Video imaging detectors | 0 | 0 | 0 | 0 | 0 | 0 | 92 | NR |
| | 0 | 0 | 5 | 35 | - | 16 | 92 0 | 0 |
| Probe readers (elec. toll tags, transit vehicles, other technology) | | - | - | | 1 | | - | |
| Microwave radar | 0 | 0 | 300 | 300 | 0 | 0 | 12 | NR |
| Other (e.g., acoustic detectors) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Number of Miles covered with data collection technologies | | | | | | | | |
| Loop detectors | 0 | 0 | 0 | 0 | 0 | 0 | NR | NR |
| Video imaging detectors | 0 | 0 | 0 | 0 | 0 | 0 | NR | NR |
| Probe readers (elec. toll tags, transit vehicles, other technology) | 0 | 0 | 4 | 70 | 12 | 60 | 0 | 0 |
| Microwave radar | 0 | 0 | 70 | 70 | 0 | 0 | NR | NR |
| Other (e.g., acoustic detectors) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Variable Message Signs (VMS) on Freeways | | | | | | 45 | | |
| Candidate locations for deployment of VMS where VMS has been deployed | 23 | 25 | 34 | 60 | 38 | 45 | 11 | NR |
| Candidate locations for deployment of VMS | 0 | 0 | 34 | 60 | NR | NR | 12 | NR |
| Roadside Technologies used to Distribute Traveler Information | | | | | | | | |
| Total number of miles where information is distributed | 70 | 70 | 70 | 140 | NR | NR | NR | NR |
| Number deployed | | | | | | | | 10 |
| Highway advisory radio | NR | NR | 7 | 14 | 0 | 0 | NR | 13 |
| In-vehicle signing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portable variable message signs | 0 | 0 | 33 | 50 | 0 | 0 | 4 | 2 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| <u>Miles covered</u> | | | | | | | | |
| Highway advisory radio | 70 | 70 | 70 | 140 | 0 | 0 | NR | NR |
| In-vehicle signing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portable variable message signs | 0 | 0 | NR | NR | 0 | 0 | NR | NR |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ramp Meters on Freeways | | | | | | | | |
| Number of entrance ramp meters operated under isolated control | NR | NR | NR | NR | NR | NR | NR | NR |
| Number of entrance ramp meters operated under central control | NR | NR | NR | NR | NR | NR | NR | NR |
| Number of entrance ramp meters that provide preemption for emergency vehicles | NR | NR | NR | NR | NR | NR | NR | NR |
| Number of entrance ramp meters that provide priority for transit vehicles | NR | NR | NR | NR | NR | NR | NR | NR |
| Total number of metered ramps | 0 | 0 | NR | NR | NR | NR | NR | NR |
| Freeway centerline miles under lane control | 0 | 0 | NR | NR | NR | NR | NR | NR |
| Communication Links | | | | ┨────┤ | | | | <u> </u> |
| Freeway centerline miles covered by the following type of communication | | | | | 0 | <u> </u> | | |
| Twisted pair cable | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Coaxial cable | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fiber-optic cable | 0 | 0 | 70 | 70 | 0 | 0 | 0 | 122 |
| Microwave radio | 0 | 0 | 0 | 0 | 0 | 0 | 122 | NR |

| | Connecticut Department of New Jersey Department of Transportation(CT) Transportation(NJ) | | | ey Highway ity(NJ) | New Jersey Turnpike Authority(NJ) | | | |
|--|---|------|------|-----------------------|--------------------------------------|------|------|----------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ITS Standards Used Related to Freeway Management | | | | | | | | |
| ATMS Data Dictionary Sections 1 and 2 (ITE TM 1.01) | No | | Yes | | No | | No | |
| ATMS Data Dictionary Sections 3 and 4 (ITE TM 1.02) | No | | Yes | | No | | No | |
| Message Set for External TMC Communication (ITE-9604-1) | No | | Yes | | No | | No | |
| NTCIP Class B Profile (AASHTO TS 3.3) | No | | Yes | | No | | No | |
| NTCIP Data Collection and Monitoring Devices (AASHTO TS 3.DCM) | No | | Yes | | No | | No | |
| NTCIP Object Definitions for Environmental Sensor Stations (AASHTO TS 3.7) | No | | Yes | | No | | No | |
| NTICP Object Definitions for Dynamic Message Signs (AASHTO TS 3.6) | No | | Yes | | No | | No | |
| NTICP Object Definitions for Highway Advisory Radio (AASHTO TS 3.HAR) | No | | Yes | | No | | No | |
| NTICP Object Definitions for Ramp Meter Control (AASHTO TS 3.RMC) | No | | No | | No | | No | |
| NTICP Object Definitions for Transportation Sensor Systems (AASHTO TS 3.TSS) | No | | Yes | | No | | No | |
| NTICP Object Definitions for Video Camera Control (AASHTO TS 3.VCC) | No | | Yes | | No | | No | |
| Would agency be willing to participate in testing of ITS Standards? | NR | | Yes | | Yes | | No | |
| Have agreements in place with other agencies to use similar hardware | | | | | | | | |
| and software to aid maintenance and interoperability? | NR | | No | | No | | No | |
| INCIDENT MANAGEMENT SECTION | | | | | | | | |
| Use of Service Patrols to Assist in Detection and Response to Incidents | | | | | | | | |
| Publicly operated service patrol vehicles | Yes | | Yes | | No | | No | |
| Privately operated service patrol vehicles operated under public contract | No | | No | | No | | No | |
| Total number of freeway miles patrolled by these services | 40 | 40 | 90 | 120 | NR | NR | 44 | 44 |
| Miles Covered by Methods to Detect and Verify Incidents | | | | | | | | |
| Free cellular phone call to a dedicated phone number other than 911 | NR | NR | NR | NR | NR | NR | 122 | 122 |
| Police patrols | NR | NR | 306 | 306 | NR | NR | 122 | 122 |
| Computer algorithms linked to traffic surveillance equipment | 35 | 40 | 70 | 140 | NR | NR | 44 | 44 |
| CCTV | 35 | 40 | 70 | 140 | NR | NR | 8 | 8 |
| Private sector sources (e.g., Shadow Traffic, SmartRoutes) | NR | NR | NR | NR | NR | NR | 122 | 122 |
| Other (e.g., free cell phone call to an area radio system, etc.) | NR | NR | NR | NR | NR | NR | NR | NR |
| Procedures in place for Freeway Incident Response? | | | | | | | | |
| Working agreement(s)/arrangement(s) with other agencies | No | | Yes | | No | | Yes | |
| Inter-agency incident management admin. team that meets regularly | No | | Yes | | No | | Yes | |
| Major incident response team that responds to major incidents | No | | Yes | | No | | Yes | |
| Set of goals/objectives for incident mgt that has been adopted by agencies in region | No | | No | | No | | No | |
| Central focal point for facilitating the two-way flow of information | | | | | | | | |
| among agencies responding to an incident? | | | | | | | | 1 |
| The central focal point is a Freeway or Traffic Management Center | No | | Yes | | No | | Yes | |
| The central focal point is a Police, Fire or joint dispatch center | No | | No | | No | | No | <u> </u> |
| | | | - | | | | - | |
| The central focal point is another center | No | | No | | No | | No | <u> </u> |
| Methods of Communication Used On-Site at an Incident Police | | | ļ | | | | | ─── |

| | | Department of tation(CT) | , | Department of rtation(NJ) | | ey Highway rity(NJ) | | ey Turnpike prity(NJ) |
|--|------|-----------------------------|------|------------------------------|------|------------------------|----------|--------------------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Two-way radio | No | | Yes | | No | | Yes | |
| 800 MHz trunked radio | No | 1 | Yes | | No | | Yes | |
| Cellular telephone | No | | Yes | | No | | No | |
| Hand-held (i.e., walkie-talkie) | No | | Yes | | No | | Yes | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| | | | | | | | | |
| Two-way radio | No | | No | | No | | Yes | |
| 800 MHz trunked radio | No | 1 | No | | No | | No | - |
| Cellular telephone | No | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | No | + |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| DOT | | | | | | | | |
| Two-way radio | No | | Yes | | No | | Yes | |
| 800 MHz trunked radio | No | | Yes | | No | | No | |
| Cellular telephone | No | 1 | Yes | | No | | Yes | |
| Hand-held (i.e., walkie-talkie) | No | 1 | Yes | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| • • • | 110 | | NO | | NO | | 110 | + |
| <u>Towing</u> | Nie | | Nie | | NI- | | No | |
| Two-way radio | No | | No | | No | | Yes | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | No | | No | | No | | Yes | |
| Hand-held (i.e., walkie-talkie) | No | - | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | - | No | |
| Which police agencies typically respond to incidents on freeways? | N - | | Mar | | NI- | | N | |
| State Police County Police or Sheriff | No | | Yes | | No | | Yes | |
| | No | | No | | No | | No No | |
| City Police Who provides on-site emergency medical response? | No | | No | | No | | INO | |
| Fire | No | | No | | No | | No | |
| Emergency Management Service Agency | No | | Yes | | No | | No | + |
| Private hospital | No | | Yes | | No | | Yes | + |
| Has a multi-agency contact list been developed in area containing the | 110 | | 103 | | NO | | 103 | + |
| names, phone numbers, etc. for the appropriate response personnel? | NR | | Yes | | NR | | Yes | |
| Is the Incident Command System used to manage incident scenes? | NR | | Yes | | NR | | NR | |
| Is there a legal specification by state law or formal agreement as to who | | | | | | | | |
| is "in charge" at the incident scene? | | | | | | | | |
| Specified by state law? | No | | No | | No | | Yes | |
| Formal agreement? | No | | No | | No | | No | |
| Not specified or don't know? | No | | Yes | | No | | No | |
| On-scene command post used to manage activities of responding agencies? | NR | | Yes | | NR | | Yes | |
| Are there communication linkages to a communications traffic/freeway mgt center? | NR | | Yes | | NR | | Yes | |

| | | Department of tation(CT) | | Department of tation(NJ) | New Jerse Author | ey Highway ity(NJ) | | ey Turnpike rity(NJ) |
|--|------|--------------------------|------|--------------------------|---------------------|-----------------------|------|-------------------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Plan developed and adopted by responding agencies for staging and parking | | | | | | | | |
| response vehicles and equip. at incident site that minimizes lane blockage | | | | | | | | |
| and facilitates the re-opening of lanes? | NR | | No | | NR | | Yes | |
| Respondents protected through law or court opinion for liability claims | | | | | | | | |
| for damages to vehicles or cargoes during clearance activities? | NR | | Yes | | NR | | DK | |
| Are overturned tank trucks, which are intact and not leaking, uprighted | | | | | | | | |
| without first off-loading? | NR | | Yes | | NR | | Yes | |
| Does your state or local jurisdiction have a law that requires drivers | | | | | | | | |
| involved in property-damage-only accidents to move the vehicles | | | | | | | | |
| from travel lanes to a safe location to exchange info and wait for police? | NR | | Yes | | NR | | No | |
| Have laws or policies regarding the removal of stalled/abandoned vehicles | | | | | | | | |
| from freeway shoulders? | NR | | Yes | | NR | | Yes | |
| Hours abandoned vehicles are allowed to remain on a freeway shoulder? | NR | | >36 | | NR | | 0-24 | |
| Have policies or procedures for quick removal of vehicles? | NR | | Yes | | NR | | Yes | |
| Is Total Station equipment used to investigate major incidents? | NR | | Yes | | NR | | Yes | |
| Handling of Towing Responses to Incidents | | | | | | | | |
| Formal contract based on qualifications? | No | | Yes | | No | | Yes | |
| Rotation with companies under contract? | No | | Yes | | No | | Yes | |
| Separate lists kept for light and heavy response and for specialty recovery? | NR | | Yes | | NR | | Yes | |
| Rotation list with minimal qualifications? | No | | No | | No | | No | |
| In towing qualifications, do you require towers to be certified under the | | | | | | | | |
| Towing and Recovery Ass. of America's National Drivers Cert. Program? | NR | | DK | | NR | | No | |
| | | | | | | | | |
| | | | | | | | | |
| DK: Don't know | | | | | | | | |
| NR: No Response | | | | | | | | |
| Leg: Legislation or action being planned | | | | | | | | |

| | | State DOT- lley Region 8 | | ate DOT-Long Region 10 | | ate Thruway ority | Palisades In Comm | terstate Park |
|--|-------|-----------------------------|--------|---------------------------|--------|----------------------|----------------------|---------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Aganay Paturnad Sunyay2 | Yes | | Yes | | Voo | | Yes | |
| Agency Returned Survey? FREEWAY MANAGEMENT SECTION | res | | res | | Yes | | res | |
| | 0.574 | | | | 00 | | 24 | |
| Number of freeway centerline miles that agency owns or maintains | 9,574 | | NR | | 83 | | 24 | |
| Number of freeway centerline miles that is used for planning | 9,574 | | NR | | 271 | | 24 | |
| Number of freeway entrance ramps that agency owns, operates or maintains | NR | | 350 | | 224 | | 8 | |
| Number of freeway entrance ramps that is used for planning | NR | | 200 | | 731 | | 8 | |
| Type of facilities used to conduct freeway/incident management activities | | - | | | | | | |
| Activities housed in a free-standing dedicated building? | No | - | No | | No | | No | |
| Activities housed in a building shared with other activities? | Yes | | Yes | | Yes | | Yes | |
| Activities conducted in a dedicated control room? | No | | Yes | | Yes | | No | |
| Control room contains operator console(s)? | No | | No | | Yes | | No | |
| Control room contains electronic wall map? | No | | No | | No | | No | |
| Control room contains CCTV display(s)? | No | | No | | Yes | | No | |
| Activities conducted in a room containing workstations or PCs that manage traffic? | Yes | | Yes | | Yes | | No | |
| Facilities are electronically linked to other transportation mgt facilities? | No | | No | | Yes | | No | |
| Staffing and hours of operation of freeway/incident management activities | | | | | | | | |
| Number of full-time agency staff members | 4 | N/A | 3 | N/A | NR | | 1 | |
| Number of full time contractor staff members | 0 | N/A | NR | N/A | NR | | NR | |
| Number of part-time agency staff members | 0 | N/A | NR | N/A | NR | | NR | |
| Number of part-time contractor staff members | 0 | N/A | NR | N/A | NR | | NR | |
| Staffed 24 hours day by agency staff or by others | NR | N/A | others | N/A | agency | | agency | |
| Staffed during peak hours only by agency staff or by others | NR | N/A | NR | N/A | NR | | NR | |
| Staffed by others during off-peak hours | No | N/A | No | N/A | No | | No | |
| Agency staff perform transportation management as an ancillary duty | Yes | N/A | No | N/A | No | | No | |
| Agency staff dedicated to transportation management duty | Yes | N/A | Yes | N/A | Yes | | No | |
| Types of operations conducted for freeway/incident management | | | | | | | | |
| Incident detection and management? | Yes | N/A | Yes | N/A | Yes | | No | |
| This metropolitan area? | Yes | N/A | Yes | N/A | Yes | | No | |
| Other metropolitan area? | No | N/A | No | N/A | Yes | | No | |
| Statewide? | No | N/A | No | N/A | No | | No | |
| Monitoring and troubleshooting status of system components? | Yes | N/A | Yes | N/A | Yes | | No | |
| Manual override of ramp metering rates at freeway on-ramps? | No | N/A | Yes | N/A | No | | No | |
| Operating transportation management roadside devices? | Yes | N/A | Yes | N/A | Yes | | No | |
| Radio communications with other agencies? | Yes | N/A | No | N/A | Yes | L | Yes | |
| Exchange of electronic data with other agencies such as computer aided dispatch? | No | N/A | No | N/A | Yes | | No | |
| Real-Time Traffic Data Collection Technologies | | 1 | | | | | | |

| | | State DOT- lley Region 8 | | ate DOT-Long Region 10 | New York State Thruway Authority | | | terstate Park nission |
|--|----------|-----------------------------|-----------|---------------------------|-------------------------------------|----------|----------|--------------------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Total number of miles under surveillance with real-time data collection tech. | 0 | 100 | 150 | 195 | 23 | 36 | NR | NR |
| Number of Stations with data collection technologies | | 1 | | | | | | |
| Loop detectors | 0 | 100 | 2,600 | 2,600 | 37 | 82 | 0 | 0 |
| Video imaging detectors | 0 | 0 | 30 | 2,000 NR | 15 | 42 | 0 | 0 |
| | 0 | 35 | 0 | 0 | 15 | 33 | 0 | 0 |
| Probe readers (elec. toll tags, transit vehicles, other technology) | - | | | - | - | | - | - |
| Microwave radar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other (e.g., acoustic detectors) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Number of Miles covered with data collection technologies | | 100 | 100 | 100 | | ND | | 0 |
| Loop detectors | 0 | 100 | 130 | 130 | NR | NR | 0 | 0 |
| Video imaging detectors | 0 | 0 | 20 | NR | NR | NR | 0 | 0 |
| Probe readers (elec. toll tags, transit vehicles, other technology) | 0 | 60 | 0 | 0 | NR | NR | 0 | 0 |
| Microwave radar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other (e.g., acoustic detectors) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Variable Message Signs (VMS) on Freeways | ND | 75 | 450 | 405 | <u> </u> | 20 | ND | ND |
| Candidate locations for deployment of VMS where VMS has been deployed | NR NR | 75 97 | 150 NR | 185 NR | 6 15 | 29 67 | NR NR | NR NR |
| Candidate locations for deployment of VMS Roadside Technologies used to Distribute Traveler Information | NR | 97 | NR | NR | 15 | 67 | NK | NR |
| - | 0 | 100 | 45 | 00 | ND | ND | 0 | 10 |
| Total number of miles where information is distributed | 0 | 100 | 45 | 90 | NR | NR | 0 | 12 |
| Number deployed | | 45 | 4 | 8 | 4.4 | 10 | 0 | 4 |
| Highway advisory radio | 5 | 15 0 | 4 | 8 | 11 0 | 19 0 | 0 | 1 |
| In-vehicle signing Portable variable message signs | 0 | 15 | 0 | 0 | 11 | 0 11 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miles covered | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Highway advisory radio | 0 | 100 | 45 | 90 | NR | NR | 0 | 12 |
| | 0 | 0 | 45 | 90 | 0 | 0 | 0 | 0 |
| In-vehicle signing Portable variable message signs | NR U | NR | 0 | 0 | NR | NR | 0 | 0 |
| Other | 0 | | 0 | 0 | 0 | 0 | 0 | 0 |
| Ramp Meters on Freeways | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Number of entrance ramp meters operated under isolated control | NR | NR | 0 | 0 | NR | NR | NR | NR |
| Number of entrance ramp meters operated under isolated control | NR | NR | 77 | NR | NR | NR | NR | NR |
| Number of entrance ramp meters that provide preemption for emergency vehicles | NR | NR | 0 | NR | NR | NR | NR | NR |
| Number of entrance ramp meters that provide priority for transit vehicles | NR | NR | 4 | NR | NR | NR | NR | NR |
| Total number of metered ramps | NR | NR | 81 | NR | NR | NR | NR | NR |
| Freeway centerline miles under lane control | NR | NR | NR | NR | 0 | 1 | NR | NR |
| Communication Links | INF | | | | 0 | | | INT. |
| Freeway centerline miles covered by the following type of communication | | 1 | | | | | ļ | |
| Twisted pair cable | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Coaxial cable | 0 | 0 | 160 | 40 | 0 | 0 | 0 | 0 |
| Fiber-optic cable | 0 | 0 | 40 | 40 | 4 | 12 | 0 | 0 |
| Microwave radio | 0 | 0 | 40 | 0 | 4 | 0 | 0 | 0 |

| | | State DOT- Illey Region 8 | | ate DOT-Long Region 10 | | tate Thruway | | nterstate Park mission |
|--|------|------------------------------|------|---------------------------|------|--------------|------|---------------------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ITS Standards Used Related to Freeway Management | | | | | | | | |
| ATMS Data Dictionary Sections 1 and 2 (ITE TM 1.01) | No | | No | | No | | No | |
| ATMS Data Dictionary Sections 3 and 4 (ITE TM 1.02) | No | | No | | No | | No | |
| Message Set for External TMC Communication (ITE-9604-1) | No | | No | | Yes | | No | |
| NTCIP Class B Profile (AASHTO TS 3.3) | No | | No | | Yes | | No | |
| NTCIP Data Collection and Monitoring Devices (AASHTO TS 3.DCM) | No | | No | | Yes | | No | |
| NTCIP Object Definitions for Environmental Sensor Stations (AASHTO TS 3.7) | No | | No | | No | | No | |
| NTICP Object Definitions for Dynamic Message Signs (AASHTO TS 3.6) | Yes | | No | | Yes | | No | |
| NTICP Object Definitions for Highway Advisory Radio (AASHTO TS 3.HAR) | No | | No | | Yes | | No | |
| NTICP Object Definitions for Ramp Meter Control (AASHTO TS 3.RMC) | No | | No | | No | | No | |
| NTICP Object Definitions for Transportation Sensor Systems (AASHTO TS 3.TSS) | No | | No | | Yes | | No | |
| NTICP Object Definitions for Video Camera Control (AASHTO TS 3.VCC) | No | | No | | Yes | | No | |
| Would agency be willing to participate in testing of ITS Standards? | Yes | | Yes | | Yes | | NR | |
| Have agreements in place with other agencies to use similar hardware | | | | | | | | |
| and software to aid maintenance and interoperability? | Yes | | No | | Yes | | Yes | |
| INCIDENT MANAGEMENT SECTION | | | | | | | | |
| Use of Service Patrols to Assist in Detection and Response to Incidents | | | | | | | | |
| Publicly operated service patrol vehicles | No | | No | | No | | No | |
| Privately operated service patrol vehicles operated under public contract | Yes | | No | | No | | No | |
| Total number of freeway miles patrolled by these services | 150 | 150 | 125 | 165 | NR | NR | NR | NR |
| Miles Covered by Methods to Detect and Verify Incidents | | | | | | | | |
| Free cellular phone call to a dedicated phone number other than 911 | NR | NR | NR | NR | NR | NR | NR | NR |
| Police patrols | NR | NR | NR | NR | NR | NR | NR | NR |
| Computer algorithms linked to traffic surveillance equipment | NR | NR | 150 | 190 | NR | NR | NR | NR |
| CCTV | NR | NR | NR | NR | NR | NR | NR | NR |
| Private sector sources (e.g., Shadow Traffic, SmartRoutes) | NR | NR | NR | NR | NR | NR | NR | NR |
| Other (e.g., free cell phone call to an area radio system, etc.) | 0 | 0 | NR | NR | NR | NR | NR | NR |
| Procedures in place for Freeway Incident Response? | | | | | | | | |
| Working agreement(s)/arrangement(s) with other agencies | Yes | | Yes | | No | | No | |
| Inter-agency incident management admin. team that meets regularly | Yes | | No | | No | | No | |
| Major incident response team that responds to major incidents | No | | No | | No | | No | |
| Set of goals/objectives for incident mgt that has been adopted by agencies in region | No | | No | | No | | No | |
| Central focal point for facilitating the two-way flow of information | 110 | | 110 | | 110 | | 110 | |
| among agencies responding to an incident? | | | | | | | | <u> </u> |
| The central focal point is a Freeway or Traffic Management Center | No | | No | | No | | No | |
| | No | | Yes | | No | | No | <u> </u> |
| The central focal point is a Police, Fire or joint dispatch center | | | | | - | | - | |
| The central focal point is another center | No | | No | | No | | No | <u> </u> |
| Methods of Communication Used On-Site at an Incident | | | | | | | | <u> </u> |
| <u>Police</u> | | | | | | | | |

| | | State DOT- lley Region 8 | | ate DOT-Long Region 10 | | tate Thruway hority | | nterstate Park mission |
|--|------|-----------------------------|------------|---------------------------|----------|------------------------|----------|---------------------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Two-way radio | Yes | | No | | No | | No | |
| 800 MHz trunked radio | Yes | | No | | No | | No | |
| Cellular telephone | Yes | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | Yes | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Fire | | | | | | | | |
| Two-way radio | Yes | | No | | No | | No | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | No | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | Yes | | No | | No | | No | + |
| Automated data systems (i.e., CAD) | Yes | | No | | No | | No | |
| DOT | | | | | | | | |
| Two-way radio | Yes | | No | | No | | No | |
| 800 MHz trunked radio | No | | No | | No | | No | + |
| Cellular telephone | Yes | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| | 110 | | | | 110 | | 110 | |
| <u>Towing</u> | NI- | | Nie | | NLa | | NI- | |
| Two-way radio | No | | No | | No | | No | |
| 800 MHz trunked radio | Yes | | No | | No | | No | |
| Cellular telephone | Yes | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | - | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Which police agencies typically respond to incidents on freeways? | No | | N | | NL | | N | |
| State Police | Yes | | Yes | | No | | Yes | |
| County Police or Sheriff | Yes | | Yes Yes | | No No | | No No | |
| City Police Who provides on-site emergency medical response? | INO | | res | | INO | | INO | + |
| Fire | Yes | | Yes | | No | | No | |
| Emergency Management Service Agency | Yes | | Yes | | No | | Yes | |
| Private hospital | No | | No | | No | | Yes | |
| Has a multi-agency contact list been developed in area containing the | 110 | | | | 110 | | 103 | + |
| names, phone numbers, etc. for the appropriate response personnel? | No | | No | | NR | | No | |
| Is the Incident Command System used to manage incident scenes? | Yes | | DK | | NR | | Yes | |
| Is there a legal specification by state law or formal agreement as to who | | | 2.1 | | | | | |
| is "in charge" at the incident scene? | | | | | | | | † |
| Specified by state law? | No | | No | | No | | No | |
| Formal agreement? | No | | No | | No | | No | |
| Not specified or don't know? | Yes | | Yes | | No | | Yes | |
| On-scene command post used to manage activities of responding agencies? | Yes | | DK | | NR | | No | |
| Are there communication linkages to a communications traffic/freeway mgt center? | No | | NR | | NR | | NR | |

| | | New York State DOT- Hudson Valley Region 8 Island Region 10 | | 0 | g New York State Thruway Authority | | Palisades Interstate Pa Commission | |
|--|------------|--|------|------|---------------------------------------|------|---------------------------------------|------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Plan developed and adopted by responding agencies for staging and parking | | | | | | | | |
| response vehicles and equip. at incident site that minimizes lane blockage | | | | | | | | |
| and facilitates the re-opening of lanes? | No | | No | | NR | | No | |
| Respondents protected through law or court opinion for liability claims | | | | | | | | |
| for damages to vehicles or cargoes during clearance activities? | DK | | No | | NR | | Yes | |
| Are overturned tank trucks, which are intact and not leaking, uprighted | | | | | | | | |
| without first off-loading? | No | | NR | | NR | | Yes | |
| Does your state or local jurisdiction have a law that requires drivers | | | | | | | | |
| involved in property-damage-only accidents to move the vehicles | | | | | | | | |
| from travel lanes to a safe location to exchange info and wait for police? | NR | | No | | NR | | Yes | |
| Have laws or policies regarding the removal of stalled/abandoned vehicles | | | | | | | | |
| from freeway shoulders? | No | | No | | NR | | Yes | |
| Hours abandoned vehicles are allowed to remain on a freeway shoulder? | >36 | | DK | | NR | | 0-24 | |
| Have policies or procedures for quick removal of vehicles? | No | | No | | NR | | Yes | |
| Is Total Station equipment used to investigate major incidents? | DK | | Yes | | NR | | No | |
| Handling of Towing Responses to Incidents | | | | | | | | |
| Formal contract based on qualifications? | Yes | | Yes | | No | | No | |
| Rotation with companies under contract? | No | | Yes | | No | | Yes | |
| Separate lists kept for light and heavy response and for specialty recovery? | Yes | | NR | | NR | | No | |
| Rotation list with minimal qualifications? | No | | No | | No | | No | |
| In towing qualifications, do you require towers to be certified under the | | | | | | | | |
| Towing and Recovery Ass. of America's National Drivers Cert. Program? | Considered | | DK | | NR | | No | |
| | | | | | | | | |
| | | | | | | | | |
| DK: Don't know | | | | | | | | |
| NR: No Response | | | | | | | | |
| Leg: Legislation or action being planned | | | | | | | | |

| | Tran | Transcom | | als |
|--|------|----------|--------|------|
| | 1999 | 2005 | 1999 | 2005 |
| | | | | |
| Agency Returned Survey? | Yes | | 9 | |
| REEWAY MANAGEMENT SECTION | | | | |
| Number of freeway centerline miles that agency owns or maintains | NR | | 11,118 | |
| Number of freeway centerline miles that is used for planning | NR | | 10,236 | |
| Number of freeway entrance ramps that agency owns, operates or maintains | NR | | 637 | |
| Number of freeway entrance ramps that is used for planning | NR | | 994 | |
| Type of facilities used to conduct freeway/incident management activities | | | | |
| Activities housed in a free-standing dedicated building? | No | | 1 | |
| Activities housed in a building shared with other activities? | No | | 6 | |
| Activities conducted in a dedicated control room? | No | | 5 | |
| Control room contains operator console(s)? | No | | 1 | |
| Control room contains electronic wall map? | No | | 0 | |
| Control room contains CCTV display(s)? | No | | 1 | |
| Activities conducted in a room containing workstations or PCs that manage traffic? | No | | 5 | |
| Facilities are electronically linked to other transportation mgt facilities? | No | | 2 | |
| Staffing and hours of operation of freeway/incident management activities | | | | |
| Number of full-time agency staff members | NR | | 0 | 0 |
| Number of full time contractor staff members | NR | | 0 | 0 |
| Number of part-time agency staff members | NR | | 0 | 0 |
| Number of part-time contractor staff members | NR | | 0 | 0 |
| Staffed 24 hours day by agency staff or by others | NR | | 0 | 0 |
| Staffed during peak hours only by agency staff or by others | NR | | 0 | 0 |
| Staffed by others during off-peak hours | No | | 0 | 0 |
| Agency staff perform transportation management as an ancillary duty | No | | 1 | 1 |
| Agency staff dedicated to transportation management duty | No | | 3 | 3 |
| Types of operations conducted for freeway/incident management | | | | |
| Incident detection and management? | No | | 5 | 5 |
| This metropolitan area? | No | | 4 | 4 |
| Other metropolitan area? | No | | 2 | 2 |
| Statewide? | No | | 2 | 2 |
| Monitoring and troubleshooting status of system components? | No | | 5 | 5 |
| Manual override of ramp metering rates at freeway on-ramps? | No | | 1 | 1 |
| Operating transportation management roadside devices? | No | | 6 | 6 |
| Radio communications with other agencies? | No | | 3 | 3 |
| Exchange of electronic data with other agencies such as computer aided dispatch? | No | | 3 | 3 |

New York, Northern New Jersey, Southwestern Connecticut

| | Transcom | | Totals | | |
|---|----------|------|--------|-------|--|
| | 1999 | 2005 | 1999 | 2005 | |
| Total number of miles under surveillance with real-time data collection tech. | 19 | 500 | 309 | 1,051 | |
| Number of Stations with data collection technologies | | | | | |
| Loop detectors | 0 | 0 | 3,498 | 2.782 | |
| Video imaging detectors | 0 | 0 | 137 | 42 | |
| 5 5 | - | - | - | | |
| Probe readers (elec. toll tags, transit vehicles, other technology) | 0 | 0 | 21 | 119 | |
| Microwave radar | 0 | 0 | 312 | 300 | |
| Other (e.g., acoustic detectors) | 0 | 0 | 0 | 0 | |
| Number of Miles covered with data collection technologies | - | | 10.0 | | |
| Loop detectors | 0 | 0 | 130 | 230 | |
| Video imaging detectors | 0 | 0 | 20 | 0 | |
| Probe readers (elec. toll tags, transit vehicles, other technology) | 0 | 0 | 16 | 190 | |
| Microwave radar | 0 | 0 | 70 | 70 | |
| Other (e.g., acoustic detectors) | 0 | 0 | 0 | 0 | |
| /ariable Message Signs (VMS) on Freeways | | | | | |
| Candidate locations for deployment of VMS where VMS has been deployed | NR | NR | 262 | 419 | |
| Candidate locations for deployment of VMS | NR | NR | 61 | 224 | |
| Roadside Technologies used to Distribute Traveler Information | | | | | |
| Total number of miles where information is distributed | 200 | 200 | 385 | 612 | |
| Number deployed | | | | | |
| Highway advisory radio | NR | NR | 27 | 70 | |
| In-vehicle signing | 0 | 0 | 0 | 0 | |
| Portable variable message signs | 0 | 0 | 48 | 78 | |
| Other | 0 | 0 | 0 | 0 | |
| Miles covered | | | | | |
| Highway advisory radio | 200 | 200 | 385 | 612 | |
| In-vehicle signing | 0 | 0 | 0 | 0 | |
| Portable variable message signs | 0 | 0 | 0 | 0 | |
| Other | 0 | 0 | 0 | 0 | |
| Ramp Meters on Freeways | | | | | |
| Number of entrance ramp meters operated under isolated control | NR | NR | 0 | 0 | |
| Number of entrance ramp meters operated under central control | NR | NR | 77 | 0 | |
| Number of entrance ramp meters that provide preemption for emergency vehicles | NR | NR | 0 | 0 | |
| Number of entrance ramp meters that provide priority for transit vehicles | NR | NR | 4 | 0 | |
| Total number of metered ramps | NR | NR | 81 | 0 | |
| Freeway centerline miles under lane control | NR | NR | 0 | 1 | |
| Communication Links | | | , , , | | |
| Freeway centerline miles covered by the following type of communication | | 1 | 1 | | |
| Twisted pair cable | 0 | 0 | 0 | 0 | |
| Coaxial cable | 0 | 0 | 160 | 40 | |
| Fiber-optic cable | 0 | 0 | 114 | 364 | |
| Microwave radio | 0 | 0 | 122 | 0 | |

| | Transcom | | Totals | |
|--|----------|------|--------|------|
| | 1999 | 2005 | 1999 | 2005 |
| Other | 0 | 0 | 0 | 0 |
| ITS Standards Used Related to Freeway Management | | | | |
| ATMS Data Dictionary Sections 1 and 2 (ITE TM 1.01) | No | | 1 | |
| ATMS Data Dictionary Sections 3 and 4 (ITE TM 1.02) | No | | 1 | |
| Message Set for External TMC Communication (ITE-9604-1) | No | | 2 | |
| NTCIP Class B Profile (AASHTO TS 3.3) | No | | 2 | |
| NTCIP Data Collection and Monitoring Devices (AASHTO TS 3.DCM) | No | | 2 | |
| NTCIP Object Definitions for Environmental Sensor Stations (AASHTO TS 3.7) | No | | 1 | |
| NTICP Object Definitions for Dynamic Message Signs (AASHTO TS 3.6) | No | | 3 | |
| NTICP Object Definitions for Highway Advisory Radio (AASHTO TS 3.HAR) | No | | 2 | |
| NTICP Object Definitions for Ramp Meter Control (AASHTO TS 3.RMC) | No | | 0 | |
| NTICP Object Definitions for Transportation Sensor Systems (AASHTO TS 3.TSS) | No | | 2 | |
| NTICP Object Definitions for Video Camera Control (AASHTO TS 3.VCC) | No | | 2 | |
| Would agency be willing to participate in testing of ITS Standards? | NR | | 5 | |
| Have agreements in place with other agencies to use similar hardware | | | | |
| and software to aid maintenance and interoperability? | NR | | 3 | |
| INCIDENT MANAGEMENT SECTION | | | | |
| Use of Service Patrols to Assist in Detection and Response to Incidents | | | | |
| Publicly operated service patrol vehicles | No | | 2 | |
| Privately operated service patrol vehicles operated under public contract | No | | 1 | |
| Total number of freeway miles patrolled by these services | NR | NR | 449 | 519 |
| Miles Covered by Methods to Detect and Verify Incidents | | | | |
| Free cellular phone call to a dedicated phone number other than 911 | NR | NR | 122 | 122 |
| Police patrols | NR | NR | 428 | 428 |
| Computer algorithms linked to traffic surveillance equipment | 19 | 500 | 318 | 914 |
| CCTV | NR | NR | 113 | 188 |
| Private sector sources (e.g., Shadow Traffic, SmartRoutes) | NR | NR | 122 | 122 |
| Other (e.g., free cell phone call to an area radio system, etc.) | NR | NR | 0 | 0 |
| Procedures in place for Freeway Incident Response? | | | | |
| Working agreement(s)/arrangement(s) with other agencies | No | | 4 | |
| Inter-agency incident management admin. team that meets regularly | No | | 3 | |
| Major incident response team that responds to major incidents | No | | 2 | |
| Set of goals/objectives for incident mgt that has been adopted by agencies in region | No | | 0 | |
| Central focal point for facilitating the two-way flow of information | | | | |
| among agencies responding to an incident? | | | | |
| The central focal point is a Freeway or Traffic Management Center | No | | 2 | |
| The central focal point is a Police, Fire or joint dispatch center | No | | 1 | |
| The central focal point is another center | No | | 0 | |
| Methods of Communication Used On-Site at an Incident | | | | |
| | | | | |

| | Tran | scom | Totals | |
|---|----------|------|--------|------|
| | 1999 | 2005 | 1999 | 2005 |
| Two-way radio | No | | 3 | |
| 800 MHz trunked radio | No | | 3 | |
| Cellular telephone | No | | 2 | |
| Hand-held (i.e., walkie-talkie) | No | | 3 | |
| Automated data systems (i.e., CAD) | No | | 0 | |
| Fire | | | | |
| Two-way radio | No | | 2 | |
| 800 MHz trunked radio | No | | 0 | |
| Cellular telephone | No | | 0 | |
| Hand-held (i.e., walkie-talkie) | No | | 1 | |
| Automated data systems (i.e., CAD) | No | | 1 | |
| DOT | | | | |
| Two-way radio | No | | 3 | |
| 800 MHz trunked radio | No | | 1 | |
| Cellular telephone | No | | 3 | |
| Hand-held (i.e., walkie-talkie) | No | | 1 | |
| Automated data systems (i.e., CAD) | No | | 0 | |
| Towing | | | | |
| Two-way radio | No | | 1 | |
| 800 MHz trunked radio | No | | 1 | |
| Cellular telephone | No | | 2 | |
| Hand-held (i.e., walkie-talkie) | No | | 0 | |
| Automated data systems (i.e., CAD) | No | | 0 | |
| Which police agencies typically respond to incidents on freeways? | | | | |
| State Police | No | | 5 | |
| County Police or Sheriff | No | | 2 | |
| City Police | No | | 1 | |
| Nho provides on-site emergency medical response? | | | | |
| Fire | No | | 2 | |
| Emergency Management Service Agency | No | | 4 | |
| Private hospital | No | | 3 | |
| Has a multi-agency contact list been developed in area containing the | | | | |
| names, phone numbers, etc. for the appropriate response personnel? | NR | | 2 | |
| s the Incident Command System used to manage incident scenes? | NR | | 3 | |
| s there a legal specification by state law or formal agreement as to who | | | | |
| is "in charge" at the incident scene? | | | | |
| Specified by state law? | No | | 1 | |
| Formal agreement? | No | | 0 | |
| Not specified or don't know? | No NR | | 4 | |
| On-scene command post used to manage activities of responding agencies? Are there communication linkages to a communications traffic/freeway mgt center? | NR | | 3 | |

| | Transcom | | То | tals |
|--|----------|------|------|------|
| | 1999 | 2005 | 1999 | 2005 |
| Plan developed and adopted by responding agencies for staging and parking | | | | |
| response vehicles and equip. at incident site that minimizes lane blockage | | | | |
| and facilitates the re-opening of lanes? | NR | | 1 | |
| Respondents protected through law or court opinion for liability claims | | | | |
| for damages to vehicles or cargoes during clearance activities? | NR | | 2 | |
| Are overturned tank trucks, which are intact and not leaking, uprighted | | | | |
| without first off-loading? | NR | | 3 | |
| Does your state or local jurisdiction have a law that requires drivers | | | | |
| involved in property-damage-only accidents to move the vehicles | | | | |
| from travel lanes to a safe location to exchange info and wait for police? | NR | | 2 | |
| Have laws or policies regarding the removal of stalled/abandoned vehicles | | | | |
| from freeway shoulders? | NR | | 3 | |
| Hours abandoned vehicles are allowed to remain on a freeway shoulder? | NR | | 0 | |
| Have policies or procedures for quick removal of vehicles? | NR | | 3 | |
| Is Total Station equipment used to investigate major incidents? | NR | | 3 | |
| Handling of Towing Responses to Incidents | | | | |
| Formal contract based on qualifications? | No | | 4 | |
| Rotation with companies under contract? | No | | 4 | |
| Separate lists kept for light and heavy response and for specialty recovery? | NR | | 3 | |
| Rotation list with minimal qualifications? | No | | 0 | |
| In towing qualifications, do you require towers to be certified under the | | | | |
| Towing and Recovery Ass. of America's National Drivers Cert. Program? | NR | | 0 | |
| | | | | |
| | | | | |
| DK: Don't know | | | | |
| NR: No Response | | | | |
| Leg: Legislation or action being planned | | | | |

Appendix D Freeway Management Integration

| | | Department of tation(CT) | f New Jersey Department of Transportation(NJ) | | |
|---|--------------|--------------------------|--|--|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| | | | | | |
| Agency Returned Survey? | Yes | | Yes | | |
| Freeway Management Section | | | | | |
| Agencies your agency provides freeway travel times, speeds, and | | | | | |
| conditions information, share infrastructure or coordinates operation | | | | | |
| Freeway Management Agencies | | | | | |
| Provide Information | short survey | None listed | None listed | New Jersey Highway Authority, New Jersey Turnpike Authority, Port Authority of New York and New Jersey, TRANSCOM | |
| Share Infrastructure | None listed | None listed | None listed | New Jersey Highway Authority, New Jersey Turnpike Authority, Port Authority of New York and New Jersey, TRANSCOM | |

| | | Department of | | |
|------------------------------|--------------|---------------|-------------|---|
| | | tation(CT) | | artment of Transportation(NJ) |
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | | | | |
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| | | | | New Jersey Highway |
| | | | | Authority, New Jersey |
| | | | | Turnpike Authority, Port |
| | | | | Authority of New York and |
| | None listed | None listed | None listed | New Jersey, TRANSCOM |
| Incident Management Agencies | | | | |
| Provide Information | | | | |
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| | | | | New Jersey Highway |
| | | | | Authority, New Jersey |
| | | | | Turnpike Authority, Port Authority of New York and |
| | short survey | None listed | None listed | New Jersey, TRANSCOM |
| Share Infrastructure | Short Survey | | | |
| | | | | |
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| | | | | New Jersey Highway |
| | | | | Authority, New Jersey |
| | | | | Turnpike Authority, Port |
| | | | | Authority of New York and |
| | None listed | None listed | None listed | New Jersey, TRANSCOM |

| | | Department of | | |
|------------------------------|-------------|---------------|-----------------|------------------------------|
| | | rtation(CT) | New Jersey Depa | rtment of Transportation(NJ) |
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | | | | |
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| | | | | New Jersey Highway |
| | | | | Authority, New Jersey |
| | | | | Turnpike Authority, Port |
| | | | | Authority of New York and |
| | None listed | None listed | None listed | New Jersey, TRANSCOM |
| Arterial Management Agencies | | | | |
| Provide Information | | | | |
| | None listed | None listed | None listed | Bergen County, Newark City |
| Share Infrastructure | None listed | None listed | | Dergen County, Newark City |
| Share initiastructure | | | | |
| | | | | |
| | None listed | None listed | None listed | Bergen County, Newark City |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | Bergen County, Newark City |
| Public Transit Operators | | None listed | | |
| Provide Information | | | | |
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| | | | | N N T N |
| | Name Beter | Nama linte d | Name listed | New Jersey Transit |
| | None listed | None listed | None listed | Corporation |

| | | Department of | | |
|--|--------------|---------------|-------------|---|
| | | tation(CT) | Ī | ent of Transportation(NJ) |
| Agency Name Share Infrastructure | 1999 | 2005 | 1999 | 2005 |
| Share intrastructure | | | | |
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| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
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| | | | | New Jersey Transit |
| | None listed | None listed | None listed | Corporation |
| Receiving real-time information via electronic means from others | | | | |
| Incident Management agencies from which your agency receives | | | | |
| incident severity, location, and type information | | | | |
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| | | | | New Jersey Highway |
| | | | | Authority, New Jersey Turnpike Authority, Port |
| | | | | Authority of New York and |
| | short survey | None listed | None listed | New Jersey, TRANSCOM |
| Arterial Management agencies from which your agency receives | | | | |
| arterial travel times, speeds, and conditions | | | | |
| | | | | |
| | | | | |
| Dublis Transition from which and a second second | None listed | None listed | None listed | Newark City |
| Public Transit operators from which your agency receives | | | | |

| | Connecticut Department of | | | | |
|---|---------------------------|-------------|-------------|--|--|
| | Transportation(CT) | | | | |
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| freeway travel times derived from vehicle probes | | | | | |
| Toll Collection agencies from which your agency receives freeway travel | None listed | None listed | None listed | None listed | |
| times derived from vehicles probes | | | | | |
| | None listed | None listed | None listed | Port Authority of NY and NJ, New Jersey Highway Authority, New Jersey Turnpike Authority, MTA Bridges & Tunnels, New York State Thruway Authority | |
| Freeway Incident Management Section | | | | | |
| Agencies your agency provides incident severity, location, and type info. | | | | | |
| and/or shares infrastructure and/or coordinates operation | | | | | |
| Arterial Management Agencies | | | | | |
| Provide Information | None listed | None listed | None listed | Bergen County, Newark City | |
| Share Infrastructure | | | | | |
| | None listed | None listed | None listed | Bergen County, Newark City | |
| Coordinate Operation | None listed | None listed | None listed | Bergen County, Newark City | |
| Emergency Management Agencies | | | | | |

| | Connecticut Department of Transportation(CT) | | New Jersey Department of Transportation(NJ) | |
|--|---|-------------|---|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Provide Information | 1999 | 2005 | 1999 | 2005 |
| | None listed | None listed | None listed | New Jersey Highway Authority, New Jersey State Police |
| Share Infrastructure | None listed | None listed | None listed | New Jersey Highway Authority, New Jersey State Police |
| Coordinate Operation | None listed | None listed | None listed | New Jersey Highway Authority, New Jersey State Police |
| Freeway Management Agencies | | | | |
| Provide Information Share Infrastructure | short survey | None listed | None listed | New Jersey Highway Authority, New Jersey Turnpike Authority, Port Authority of New York and New Jersey, TRANSCOM |
| | None listed | None listed | None listed | New Jersey Highway Authority, New Jersey Turnpike Authority, Port Authority of New York and New Jersey, TRANSCOM |

| | | Connecticut Department of Transportation(CT) | | | |
|---|-------------|---|-------------|--|--|
| | | | | artment of Transportation(NJ) | |
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| Coordinate Operation | | | | | |
| | | | | | |
| | None listed | None listed | None listed | New Jersey Highway Authority, New Jersey Turnpike Authority, Port Authority of New York and New Jersey, TRANSCOM | |
| Public Transit Operators | | | | | |
| Provide Information | | | | | |
| | None listed | None listed | None listed | New Jersey Transit Corporation | |
| Share Infrastructure | | | | | |
| | None listed | None listed | None listed | New Jersey Transit Corporation | |
| Coordinate Operation | | | | | |
| | None listed | None listed | None listed | New Jersey Transit Corporation | |
| Receiving real-time information via electronic means from others | | | | | |
| Emergency Management agencies from which your agency receives | | | | | |
| incident clearance and/or incident severity and type | | | | | |
| Receive Arterial Incident Clearance Information | None listed | None listed | None listed | Mount Vernon City Police Department, New Jersey State Police | |
| | | None Bet | News Refer | Mount Vernon City Police Department, New Jersey State Police | |
| Receive Arterial Incident Severity Information | None listed | None listed | None listed | | |
| Arterial Management agencies from which your agency receives arterial travel times, speeds, and conditions | | | | | |
| anenai u aver umes, speeus, anu conunions | | | | | |
| | None listed | None listed | None listed | Newark City, Bergen Count | |
| Freeway Management agencies from which your agency receives | | | | | |

| | | Department of rtation(CT) | New Jersey Department of Transportation(NJ) | |
|--|-------------|------------------------------|---|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| freeway travel times, speeds, and conditions | | | | |
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| | | | | Name Beterl |
| | None listed | None listed | None listed | None listed |

*short survey: Agency responded using a short survey. The survey did not include names of individual agencies, but only identified whether integration exists.

| | New Jersey Highway Authority(NJ) | | New Jersey Turnpike Authority(NJ) | |
|---|--|-------------|---|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| | 1000 | | | |
| | | | | |
| Agency Returned Survey? | Yes | | Yes | |
| Freeway Management Section | | | | |
| Agencies your agency provides freeway travel times, speeds, and | | | | |
| conditions information, share infrastructure or coordinates operation | | | | |
| Freeway Management Agencies Provide Information | | | | |
| Share Infrastructure | New Jersey Department of Transportation(NJ), TRANSCOM | None listed | Connecticut Department of Transportation, New Jersey Department of Transportation, New Jersey Highway Authority, New York City Department of Transportation, New York State Department of Transportation Region, New York State Thruway Authority, Palisades Interstate Park Commission, Port Authority of New York and New Jersey, TRANSCOM | Connecticut Department of Transportation, New Jersey Department of Transportation, New Jersey Highway Authority, New York City Department of Transportation, New York State Department of Transportation Region, New York State Thruwa Authority, Palisades Interstate Park Commission, Port Authority of New York and New Jersey, TRANSCOM |
| | None listed | None listed | None listed | None listed |

| | New Jersey Highway Authority(NJ) | | New Jersey Turnpike Authority(NJ) | |
|------------------------------|--|-------------|---|---|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | | | | |
| | New Jersey Department of Transportation(NJ), TRANSCOM | | New York City Department of Transportation, New York State Department of Transportation | Connecticut Department of Transportation, New Jersey Department of Transportation, New Jersey Highway Authority, New York City Department of Transportation, New York State Department of Transportation Region, New York State Thruway Authority, Palisades Interstate Park Commission, Port Authority of New York and New Jersey, TRANSCOM |
| Incident Management Agencies | TRANSCOM | None listed | TRAINSCOM | TRANSCOM |
| Provide Information | | | | |
| Share Infrastructure | New Jersey Department of Transportation(NJ), TRANSCOM | | Transportation, New York State Department of Transportation | Connecticut Department of Transportation, New Jersey Department of Transportation, New Jersey Highway Authority, New York City Department of Transportation, New York State Department of Transportation Region, New York State Thruway Authority, Palisades Interstate Park Commission, Port Authority of New York and New Jersey, TRANSCOM |
| | | | | |
| | None listed | None listed | None listed | None listed |

| New Jersey Highway Aut | | way Authority(NJ) | New Jersev Turn | New Jersey Turnpike Authority(NJ) | |
|------------------------------|--|-------------------|---|---|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| Coordinate Operation | | | | | |
| | New Jersey Department of Transportation(NJ), TRANSCOM | None listed | New York City Department of Transportation, New York State Department of Transportation Region, New York State Thruway Authority, Palisades Interstate Park Commission, Port Authority | Connecticut Department of Transportation, New Jersey Department of Transportation, New Jersey Highway Authority, New York City Department of Transportation, New York State Department of Transportation Region, New York State Thruway Authority, Palisades Interstate Park Commission, Port Authority of New York and New Jersey, TRANSCOM | |
| Arterial Management Agencies | | | | | |
| Provide Information | None listed | None listed | New Jersey Department of Transportation | New Jersey Department of Transportation | |
| Share Infrastructure | | | | | |
| Coordinate Operation | None listed | None listed | None listed | None listed | |
| | None listed | None listed | New Jersey Department of Transportation | New Jersey Department of Transportation | |
| Public Transit Operators | | | | | |
| Provide Information | | | | | |
| | None listed | None listed | Academy Lines Incorporated, New Jersey Transit Corporation, Suburban Transit Corporation | Academy Lines Incorporated, Ne Jersey Transit Corporation, Suburban Transit Corporation | |

| | New Jersey Highway Authority(NJ) | | New Jersey Turnpike Authority(NJ) | |
|--|----------------------------------|-------------|---|---|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Share Infrastructure | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | None listed | None listed | None listed | None listed |
| Receiving real-time information via electronic means from others | | | | |
| Incident Management agencies from which your agency receives | | | | |
| incident severity, location, and type information | TRANSCOM | None listed | Connecticut Department of Transportation, New Jersey Department of Transportation, New Jersey Highway Authority, New York City Department of Transportation, New York State Department of Transportation Region, New York State Thruway Authority, Palisades Interstate Park Commission, Port Authority of New York and New Jersey, TRANSCOM | Connecticut Department of Transportation, New Jersey Department of Transportation, New Jersey Highway Authority, New York City Department of Transportation, New York State Department of Transportation Region, New York State Thruway Authority, Palisades Interstate Park Commission, Port Authority of New York and New Jersey, TRANSCOM |
| Arterial Management agencies from which your agency receives | | | | |
| arterial travel times, speeds, and conditions | None listed | None listed | None listed | None listed |
| Public Transit operators from which your agency receives | | | | |

| | New Jersey Highway Authority(NJ) | | New Jersey Turn | pike Authority(NJ) |
|---|----------------------------------|-------------|-----------------|--------------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| freeway travel times derived from vehicle probes | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Toll Collection agencies from which your agency receives freeway travel | | | | |
| times derived from vehicles probes | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Freeway Incident Management Section | | | | |
| Agencies your agency provides incident severity, location, and type info. | | | | |
| and/or shares infrastructure and/or coordinates operation | | | | |
| Arterial Management Agencies | | | | |
| Provide Information | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Emergency Management Agencies | | | | |

| | New Jersey Highway Authority(NJ) | | New Jersey Turnpike Authority(NJ) | |
|-----------------------------|----------------------------------|-------------|--|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Provide Information | None listed | None listed | Bergen County Emergency Medical Services, Elizabeth City Emergency Medical Services, Elizabeth City Fire Department, Jersey City Emergency Medical Services, Lindenhurst Fire District, Lindenhurst Fire District | Bayonne City Fire Department, Bergen County Emergency Medical Services, Elizabeth City Emergency Medical Services, Elizabeth City Fire Department, Jersey City Emergency Medical Services, Lindenhurst Fire District, Lindenhurst Fire District Emergency Medical, New Jersey Highway Authority, Newark City Fire Department |
| Share Infrastructure | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | None listed | None listed | None listed | None listed |
| Freeway Management Agencies | | | | |
| Provide Information | None listed | None listed | Connecticut Department of Transportation, New Jersey Department of Transportation, New Jersey Highway Authority, New York City Department of Transportation, New York State Department of Transportation Region, New York State Thruway Authority, Port Authority of New York and New Jersey, TRANSCOM | Connecticut Department of Transportation, New Jersey Department of Transportation, New Jersey Highway Authority, New York City Department of Transportation, New York State Department of Transportation Region, New York State Thruway Authority, Port Authority of New York and New Jersey, TRANSCOM |
| Share Infrastructure | None listed | None listed | None listed | None listed |

| | New Jersey H | lighway Authority(NJ) | New Jersey Turnpike Authority(NJ) | |
|--|--------------|-----------------------|--|-----------------------------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | | | | |
| | | | | |
| | | | New Jersey Denertment of | New Jersey Department of |
| | | | New Jersey Department of Transportation, New Jersey | Transportation, New Jersey |
| | | | Highway Authority, Port Authority | Highway Authority, Port Authority |
| | | | of New York and New Jersey, | of New York and New Jersey, |
| Public Transit Operators | None listed | None listed | TRANSCOM | TRANSCOM |
| Provide Information | | | | |
| | | | Academy Lines Incorporated, New | Academy Lines Incorporated Nev |
| | | | Jersey Transit Corporation, | Jersey Transit Corporation, |
| | None listed | None listed | Suburban Transit Corporation | Suburban Transit Corporation |
| Share Infrastructure | | | | |
| | | | | |
| | None Refer | Name Refer | Non a Bata d | Niewe Refer |
| Coordinate Operation | None listed | None listed | None listed | None listed |
| Cool dinate Operation | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Receiving real-time information via electronic means from others | | | | |
| Emergency Management agencies from which your agency receives | | | | |
| incident clearance and/or incident severity and type | | | | |
| | | | | |
| Receive Arterial Incident Clearance Information | None listed | None listed | None listed | None listed |
| | | | | |
| | | | | |
| Receive Arterial Incident Severity Information | None listed | None listed | None listed | None listed |
| Arterial Management agencies from which your agency receives | | | | |
| arterial travel times, speeds, and conditions | | | | |
| | None listed | None listed | None listed | None listed |
| Freeway Management agencies from which your agency receives | | | | |

| | New Jersey Highway Authority(NJ) | | New Jersey Turnpike Authority(NJ) | |
|--|----------------------------------|------|---|---|
| gency Name | 1999 | 2005 | 1999 | 2005 |
| freeway travel times, speeds, and conditions | | | | |
| | None listed | | Transportation, New Jersey Department of Transportation, New Jersey Highway Authority, New York City Department of Transportation, New York State Department of Transportation Region, New York State Thruway Authority, Palisades Interstate Park Commission, Port Authority | Connecticut Department of Transportation, New Jersey Department of Transportation, New Jersey Highway Authority, New York City Department of Transportation, New York State Department of Transportation Region, New York State Thruway Authority, Palisades Interstate Park Commission, Port Authority of New York and New Jersey, TRANSCOM |

*short survey: Agency responded using a short survey. The survey did not include names of individual agencies, but only identified whether integration exists.

| | New York State DOT | -Hudson Valley Region 8 | |
|---|--|---|--|
| Agency Name | 1999 | 2005 | |
| | 1000 | 2000 | |
| | | | |
| Agency Returned Survey? | Yes | | |
| Freeway Management Section | | | |
| Agencies your agency provides freeway travel times, speeds, and | | | |
| conditions information, share infrastructure or coordinates operation | | | |
| Freeway Management Agencies | | | |
| | New York State Department of Transportation, New York State DOT- Hudson Valley Region 8 | Connecticut Department of Transportation, New Jersey Department of Transportation, New Jersey Highway Authority, New York City Department of Transportation, New York State Thruway Authority, Palisades Interstate Park Commission, Port Authority of New York and New Jersey, Transcom | |
| Share Infrastructure | New York State Department of Transportation, New York State DOT- Hudson Valley Region 8, New York State Thruway Authority | Connecticut Department of Transportation, New Jersey Department of Transportation, New Jersey Highway Authority, New York City Department of Transportation, Palisades Interstate Park Commission, Port Authority of New York and New Jersey, Transcom | |

| | New York State DOT | -Hudson Valley Region 8 |
|------------------------------|---|--|
| Agency Name | 1999 | 2005 |
| Coordinate Operation | | |
| | | |
| | | |
| | | |
| | | |
| | | Connecticut Department of |
| | | Transportation, New Jersey Departme of Transportation, New Jersey Highwa |
| | New York State Department of | Authority, New York City Department of |
| | Transportation, New York State DOT- | Transportation, Palisades Interstate |
| | Hudson Valley Region 8, New York State Thruway Authority, Transcom | Park Commission, Port Authority of Ne York and New Jersey |
| Incident Management Agencies | | |
| Provide Information | | |
| | | |
| | | |
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| | | |
| | | Connecticut Department of |
| | | Transportation, New Jersey Departme |
| | New York Otata Davisition at af | of Transportation, New Jersey Highwa |
| | New York State Department of Transportation, New York State DOT- | Authority, New York City Department of Transportation, Palisades Interstate |
| | Hudson Valley Region 8, New York | Park Commission, Port Authority of Ne |
| | State Thruway Authority, Transcom | York and New Jersey |
| Share Infrastructure | | |
| | | Connecticut Department of |
| | | Transportation, New Jersey Departme |
| | | of Transportation, New Jersey Highwa |
| | New York State Department of Transportation, New York State DOT- | Authority, New York City Department of Transportation, Palisades Interstate |
| | Hudson Valley Region 8, New York | Park Commission, Port Authority of Ne |
| | State Thruway Authority | York and New Jersey, Transcom |

| | New York State DOT | -Hudson Valley Region 8 | |
|------------------------------|---|--|--|
| Agency Name | 1999 | 2005 | |
| Coordinate Operation | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | Connecticut Department of | |
| | | Transportation, New Jersey Departmer | |
| | | of Transportation, New Jersey Highway | |
| | New York State Department of | Authority, New York City Department of | |
| | Transportation, New York State DOT- Hudson Valley Region 8, New York | Transportation, Palisades Interstate Park Commission, Port Authority of New | |
| | State Thruway Authority | York and New Jersey, Transcom | |
| Arterial Management Agencies | | | |
| Provide Information | | Westchester County, Yonkers City | |
| | Nove Refer | Traffic Engineering Division, White Plains County | |
| Share Infrastructure | None listed | | |
| | | Westsheeter Oswate Mealers Otto | |
| | | Westchester County, Yonkers City Traffic Engineering Division, White | |
| | None listed | Plains County | |
| Coordinate Operation | | | |
| | | Westchester County, Yonkers City | |
| | | Traffic Engineering Division, White | |
| | None listed | Plains County | |
| Public Transit Operators | | | |
| Provide Information | | | |
| | | | |
| | | | |
| | | | |
| | | Metro-North Commuter Railroad, New York City Department of Transportation | |
| | | Putnam County Transit, Rockland | |
| | | Coaches Incorporated, Westchester | |
| | None listed | County Department of Transportation | |

| | New York State DOT-Hudson Valley Region 8 | | |
|--|---|--|--|
| Agency Name | 1999 | 2005 | |
| Share Infrastructure | | | |
| | None listed | Metro-North Commuter Railroad, New York City Department of Transportation, Putnam County Transit, Rockland Coaches Incorporated, Westchester County Department of Transportation | |
| Coordinate Operation | | | |
| Receiving real-time information via electronic means from others | None listed | Metro-North Commuter Railroad, New York City Department of Transportation, Putnam County Transit, Rockland Coaches Incorporated, Westchester County Department of Transportation | |
| Incident Management agencies from which your agency receives | | | |
| incident severity, location, and type information | New York City Department of Transportation, New York State | Connecticut Department of Transportation, New Jersey Department of Transportation, New Jersey Highway | |
| | Department of Transportation Region, New York State Thruway Authority, Transcom | Authority, Palisades Interstate Park Commission, Port Authority of New York and New Jersey | |
| Arterial Management agencies from which your agency receives | | | |
| arterial travel times, speeds, and conditions | None listed | Westchester County, Yonkers City Traffic Engineering Division, White Plains County | |
| Public Transit operators from which your agency receives | | | |

| | New York State D | OT-Hudson Valley Region 8 |
|---|---|--|
| Agency Name | 1999 | 2005 |
| freeway travel times derived from vehicle probes | | |
| | | |
| | | Mater Narth Ormersten Dailer ad Narr |
| | | Metro-North Commuter Railroad, New York City Department of Transportatior |
| | | New York City Transit Authority, |
| | | Westchester County Department of |
| | None listed | Transportation |
| Toll Collection agencies from which your agency receives freeway travel times derived from vehicles probes | | |
| unes derived nom venicles probes | | |
| | | |
| | | |
| | | |
| | | New York State Thruway Authority, |
| | None listed | Transcom Transmit |
| reeway Incident Management Section | | |
| Agencies your agency provides incident severity, location, and type info. | | |
| and/or shares infrastructure and/or coordinates operation | | |
| Arterial Management Agencies | | |
| Provide Information | | |
| | | |
| | | |
| | | New York City Department of Transportation, Westchester County, |
| | New York State Department of | Yonkers City Traffic Engineering |
| | Transportation Region | Division, White Plains County |
| Share Infrastructure | | |
| | | |
| | | New York City Department of |
| | | Transportation, Westchester County, |
| | New York State Department of Transportation Region | Yonkers City Traffic Engineering Division, White Plains County |
| Coordinate Operation | | New York City Department of |
| | | Transportation, Westchester County, |
| | New York State Department of | Yonkers City Traffic Engineering |
| | Transportation Region | Division, White Plains County |
| Emergency Management Agencies | | |

| | New York State DOT-Hudson Valley Region 8 | |
|--|---|---|
| Agency Name | 1999 | 2005 |
| Provide Information | | |
| | None listed | None listed |
| Share Infrastructure | | |
| | None listed | None listed |
| Coordinate Operation | | |
| | None listed | None listed |
| Freeway Management Agencies | | |
| Provide Information Share Infrastructure | New York State DOT-Hudson Valley Region 8, New York State Thruway Authority, Transcom | Connecticut Department of Transportation, New Jersey Department of Transportation, New Jersey Highway Authority, New York City DOT, New York State DOT, Palisades Interstate Park Commission, Port Authority of New York and New Jersey |
| | New York State DOT-Hudson Valley Region 8, New York State Thruway Authority, Transcom | Connecticut Department of Transportation, New Jersey Department of Transportation, New Jersey Highway Authority, New York City DOT, New York State DOT, Palisades Interstate Park Commission, Port Authority of New York and New Jersey |

| | New York State DOT-Hudson Valley Region 8 | | | |
|--|---|--|--|--|
| Agency Name | 1999 | 2005 | | |
| Coordinate Operation | | | | |
| | New York State DOT-Hudson Valley Region 8, New York State Thruway Authority, Transcom | Connecticut Department of Transportation, New Jersey Departmen of Transportation, New Jersey Highway Authority, New York City DOT, New York State DOT, Palisades Interstate Park Commission, Port Authority of New York and New Jersey | | |
| Public Transit Operators | | | | |
| Provide Information | None listed | Metro-North Commuter Railroad, New York City Department of Transportation, Westchester County Department of Transportation | | |
| Share Infrastructure | None listed | Metro-North Commuter Railroad, New York City Department of Transportation Westchester County Department of Transportation | | |
| Coordinate Operation | None listed | Metro-North Commuter Railroad, New York City Department of Transportation Westchester County Department of Transportation | | |
| Receiving real-time information via electronic means from others | | | | |
| Emergency Management agencies from which your agency receives | | | | |
| incident clearance and/or incident severity and type | | | | |
| Receive Arterial Incident Clearance Information | None listed | None listed | | |
| Receive Arterial Incident Severity Information | None listed | None listed | | |
| Arterial Management agencies from which your agency receives | | | | |
| arterial travel times, speeds, and conditions | None listed | Westchester County, Yonkers City Traffic Engineering Division, White Plains County | | |
| Freeway Management agencies from which your agency receives | | | | |

| Agency Name | New York State DOT | New York State DOT-Hudson Valley Region 8 | |
|--|------------------------------------|---|--|
| | 1999 | 2005 | |
| freeway travel times, speeds, and conditions | | | |
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| | | Connecticut Department of | |
| | | Transportation, New Jersey Department | |
| | | of Transportation, New Jersey Highway | |
| | | Authority, New York City Department o | |
| | New York State DOT-Hudson Valley | Transportation, New York State | |
| | Region 8, New York State Thruway | Department of Transportation, Palisade | |
| | Authority, Transcom, I-95 Corridor | Interstate Park Commission, Port | |
| | Coalition | Authority of New York and New Jersey | |

*short survey: Agency responded using a short survey. The survey did not include names of individual agencies, but only identified whether integration exists.

| | New York State DOT-Long Island Region 10 | | |
|---|--|---|--|
| Agency Name | 1999 | 2005 | |
| | 1999 | 2003 | |
| | | | |
| Agency Returned Survey? | Yes | | |
| Freeway Management Section | | | |
| Agencies your agency provides freeway travel times, speeds, and | | | |
| conditions information, share infrastructure or coordinates operation | | | |
| Freeway Management Agencies Provide Information | | | |
| | New York State Department of Transportation, TRANSCOM | New York City Department of Transportation, New York State Department of Transportation Region, Port Authority of New York and New Jersey | |
| Share Infrastructure | None listed | New York City Department of Transportation, TRANSCOM | |

| | New York State DOT-Long Island Region 10 | |
|------------------------------|--|---------------------------------------|
| Agency Name | 1999 | 2005 |
| Coordinate Operation | 1555 | 2000 |
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| | | New York City Department of |
| | TRANSCOM | Transportation |
| Incident Management Agencies | | |
| Provide Information | | |
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| | | |
| | New York State Department of | |
| | Transportation Region, New York | State New York City Department of |
| | Department of Transportation, | Transportation, Port Authority of New |
| | TRANSCOM | York and New Jersey |
| Share Infrastructure | | |
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| | | New York City Department of |
| | None listed | Transportation |

| New York State DOT-Long Island Region 10 | |
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| | 2005 |
| 1000 | 2000 |
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| | New York City Department of |
| | Transportation, New York State |
| None listed | Department of Transportation |
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| None listed | None listed |
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| None listed | None listed |
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| None listed | None listed |
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| None listed | None listed |
| - | 1999 None listed None listed None listed |

| | New York State DOT-Long Island Region 10 | |
|--|--|-------------|
| Agency Name | 1999 | 2005 |
| Share Infrastructure | | |
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| | | |
| | None listed | None listed |
| Coordinate Operation | | |
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| | | |
| | | |
| | | |
| | | |
| | None listed | None listed |
| Receiving real-time information via electronic means from others | | |
| Incident Management agencies from which your agency receives | | |
| incident severity, location, and type information | | |
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| | | |
| | | |
| | None listed | None listed |
| Arterial Management agencies from which your agency receives | | |
| arterial travel times, speeds, and conditions | | |
| | | |
| | | |
| Public Transit operators from which your agency receives | None listed | None listed |
| Public Transit operators from which your agency receives | | |

| | New York State DOT-Long Island Region 10 | |
|---|--|----------------------------------|
| Agency Name | 1999 | 2005 |
| freeway travel times derived from vehicle probes | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | None listed | None listed |
| Toll Collection agencies from which your agency receives freeway travel | | |
| times derived from vehicles probes | | |
| | | |
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| | | Port Authority of NY and NJ, MTA |
| | None listed | Bridges & Tunnels |
| Freeway Incident Management Section | | |
| Agencies your agency provides incident severity, location, and type info. | | |
| and/or shares infrastructure and/or coordinates operation | | |
| Arterial Management Agencies | | |
| Provide Information | | |
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| | | |
| | None listed | None listed |
| Share Infrastructure | | |
| | | |
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| | | |
| | None listed | None listed |
| Coordinate Operation | | |
| | | |
| | | |
| | None listed | None listed |
| Emergency Management Agencies | | |

| | New York State DOT-Long Island Region 10 | |
|-----------------------------|--|-------------|
| Agency Name | 1999 | 2005 |
| Provide Information | | |
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| | | |
| | None listed | None listed |
| Share Infrastructure | | |
| | None listed | None listed |
| Coordinate Operation | | |
| | | |
| | None listed | None listed |
| Freeway Management Agencies | | |
| Provide Information | | |
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| | | |
| | TRANSCOM | None listed |
| Share Infrastructure | | |
| | | |
| | | |
| | | |
| | | |
| | None listed | None listed |

| | New York State DOT-Long Island Region 10 | |
|--|--|-------------|
| Agency Name | 1999 | 2005 |
| Coordinate Operation | 1999 | 2005 |
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| | | |
| | | |
| | None listed | None listed |
| Public Transit Operators | | |
| Provide Information | | |
| | | |
| | None listed | None listed |
| Share Infrastructure | | |
| | | |
| | | |
| | None listed | None listed |
| Coordinate Operation | | |
| | | |
| | None listed | None listed |
| Receiving real-time information via electronic means from others | | |
| Emergency Management agencies from which your agency receives | | |
| incident clearance and/or incident severity and type | | |
| | | |
| | | |
| Receive Arterial Incident Clearance Information | None listed | None listed |
| | | |
| Receive Arterial Incident Severity Information | None listed | None listed |
| Arterial Management agencies from which your agency receives | | |
| arterial travel times, speeds, and conditions | | |
| | | |
| | None listed | None listed |
| Freeway Management agencies from which your agency receives | | |

| Agency Name | New York | New York State DOT-Long Island Region 10 | |
|--|----------|--|--|
| | 1999 | 2005 | |
| freeway travel times, speeds, and conditions | | | |
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| | | New York City Department of | |
| | | Transportation, New York State | |
| | | Department of Transportation Regi | |
| | | Port Authority of New York and New | |
| | TRANSCOM | Jersey | |

*short survey: Agency responded using a short survey. The survey did not include names of individual agencies, but only identified whether integration exists.

| | New York State Thruway Authority | | |
|---|---|--|--|
| A sensy Nome | | | |
| Agency Name | 1999 | 2005 | |
| | | | |
| Agency Returned Survey? | Yes | | |
| Freeway Management Section | | | |
| Agencies your agency provides freeway travel times, speeds, and | | | |
| conditions information, share infrastructure or coordinates operation | | | |
| Freeway Management Agencies | | | |
| Provide Information | | | |
| | New York State DOT-Hudson Valley Region 8, Transcom | New York State DOT-Hudson Valley Region 8, Transcom | |
| Share Infrastructure | | | |
| | New York State DOT-Hudson Valley Region 8, Transcom | New York State DOT-Hudson Valley Region 8, Transcom | |

| | New York State Thruway Authority | |
|--|----------------------------------|----------------------------------|
| Agency Name | 1999 | 2005 |
| Coordinate Operation | 1000 | 2000 |
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| | | |
| | New York State DOT-Hudson Valley | New York State DOT-Hudson Valley |
| | Region 8, Transcom | Region 8, Transcom |
| Incident Management Agencies Provide Information | | |
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| | Transcom | New York State DOT, Transcom |
| Share Infrastructure | | |
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| | Transcom | New York State DOT, Transcom |
| | Transcom | New YOR State DOT, Transcom |

| | Now Vork State | New York State Thruway Authority | |
|-------------------------------------|----------------------------------|----------------------------------|--|
| Agency Name | 1999 | 2005 | |
| Agency Name Coordinate Operation | 1999 | 2005 | |
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| | Transcom | New York State DOT, Transcom | |
| Arterial Management Agencies | | | |
| Provide Information | | | |
| | None listed | None listed | |
| Share Infrastructure | | | |
| | | | |
| | | | |
| | None listed | None listed | |
| Coordinate Operation | | | |
| | | | |
| | New York State DOT-Hudson Valley | New York State DOT-Hudson Valley | |
| | Region 8 | Region 8 | |
| Public Transit Operators | | | |
| Provide Information | | | |
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| | | | |
| | | | |
| | | | |
| | None listed | None listed | |

| | New York Sta | te Thruway Authority |
|--|--------------|----------------------------------|
| Agency Name | 1999 | 2005 |
| Share Infrastructure | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | None listed | None listed |
| Coordinate Operation | | |
| | | |
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| | | |
| | | |
| | | |
| | None listed | None listed |
| Receiving real-time information via electronic means from others Incident Management agencies from which your agency receives | | |
| incident severity, location, and type information | | |
| modern sevency, location, and type minimation | | |
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| | | |
| | Transcom | Transcom |
| Arterial Management agencies from which your agency receives | | |
| arterial travel times, speeds, and conditions | | |
| | | |
| | | New York State DOT-Hudson Valley |
| | None listed | Region 8, Transcom |
| Public Transit operators from which your agency receives | | |

| | New Vork S | State Thruway Authority |
|---|-------------|-------------------------|
| Agency Name | 1999 | 2005 |
| freeway travel times derived from vehicle probes | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | None listed | Transcom |
| Toll Collection agencies from which your agency receives freeway travel | | |
| times derived from vehicles probes | | |
| | | |
| | | |
| | | |
| | | |
| | Transcom | Transcom |
| Freeway Incident Management Section | | |
| Agencies your agency provides incident severity, location, and type info. | | |
| and/or shares infrastructure and/or coordinates operation | | |
| Arterial Management Agencies | | |
| Provide Information | | |
| | | |
| | | |
| | | |
| | | |
| | None listed | None listed |
| Share Infrastructure | | |
| | | |
| | | |
| | | |
| | | |
| | None listed | None listed |
| Coordinate Operation | | |
| | | |
| | None listed | None listed |
| Emergency Management Agencies | | |

| | New York State | Thruway Authority |
|-----------------------------|----------------|-------------------|
| Agency Name | 1999 | 2005 |
| Provide Information | | |
| | | |
| | | |
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| | | |
| | Nama lintad | |
| Share Infrastructure | None listed | None listed |
| | | |
| | None listed | None listed |
| Coordinate Operation | | |
| | None listed | None listed |
| Freeway Management Agencies | | |
| Provide Information | | |
| | | |
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| | | |
| | | |
| | | |
| | | |
| | | |
| Share Infrastructure | None listed | None listed |
| | | |
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| | | |
| | | |
| | None listed | None listed |

| | No Vo | ork State Throwen Authority |
|--|-------------|-----------------------------|
| A sensy Neme | | ork State Thruway Authority |
| Agency Name | 1999 | 2005 |
| Coordinate Operation | | |
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| | | |
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| | | |
| | None listed | None listed |
| Public Transit Operators | | |
| Provide Information | | |
| | | |
| | | |
| Share Infrastructure | None listed | None listed |
| | | |
| | | |
| | None listed | None listed |
| Coordinate Operation | | |
| | | |
| | None listed | None listed |
| Receiving real-time information via electronic means from others | | |
| Emergency Management agencies from which your agency receives | | |
| incident clearance and/or incident severity and type | | |
| | | |
| | | |
| Receive Arterial Incident Clearance Information | None listed | None listed |
| | | |
| Receive Arterial Incident Severity Information | None listed | None listed |
| Arterial Management agencies from which your agency receives | | |
| arterial travel times, speeds, and conditions | | |
| | | |
| | None listed | None listed |
| Freeway Management agencies from which your agency receives | | |

| | New York State Thruway Authority | | |
|--|----------------------------------|-------------|--|
| Agency Name | 1999 | 2005 | |
| freeway travel times, speeds, and conditions | | | |
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| | None listed | None listed | |

*short survey: Agency responded using a short survey. The survey did not include names of individual agencies, but only identified whether integration exists.

| | Palisades Interstat | Palisades Interstate Park Commission | | Transcom | |
|---|---|--------------------------------------|--------------|-------------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| | | | | | |
| | | | | | |
| Agency Returned Survey? | Yes | | Yes | | |
| reeway Management Section | | | | | |
| Agencies your agency provides freeway travel times, speeds, and | | | | | |
| conditions information, share infrastructure or coordinates operation | | | | | |
| Freeway Management Agencies | | | | | |
| Provide Information | New Jersey Department of Transportation(NJ), Port Authority of New York and New Jersey, TRANSCOM | None listed | short survey | None listed | |
| Share Infrastructure | | | | | |
| | None listed | None listed | None listed | None listed | |

| | Palisades Intersta | te Park Commission | Tra | nscom |
|------------------------------|----------------------------|--------------------|--------------|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | | | | |
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| | None listed | None listed | None listed | None listed |
| Incident Management Agencies | | | | |
| Provide Information | | | | |
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| | Port Authority of New York | | | |
| | and New Jersey, | | | |
| | TRANSCOM | None listed | short survey | None listed |
| Share Infrastructure | | | | |
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| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |

| | Palisades Ir | Palisades Interstate Park Commission | | Transcom | |
|------------------------------|--------------|--------------------------------------|------------------|-------------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| Coordinate Operation | | | | | |
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| | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Arterial Management Agencies | | | | | |
| Provide Information | | | | | |
| | None listed | None listed | short survey | None listed | |
| Share Infrastructure | | None listed | Short Survey | None listed | |
| | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Coordinate Operation | | | | | |
| | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Public Transit Operators | | | | | |
| Provide Information | | | | | |
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| | Niews Ref. 1 | Nama Katad | a la conte a com | Name Ket 1 | |
| | None listed | None listed | short survey | None listed | |

| | Palisades Interstat | Palisades Interstate Park Commission | | Transcom | |
|--|--|--------------------------------------|--------------|-------------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| Share Infrastructure | | | | | |
| | | | | | |
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| | | | | | |
| | | | | | |
| | | | | | |
| Coordinate Operation | None listed | None listed | None listed | None listed | |
| | | | | | |
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| | | | | | |
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| | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Receiving real-time information via electronic means from others | | | | | |
| Incident Management agencies from which your agency receives | | | | | |
| incident severity, location, and type information | | | | | |
| | | | | | |
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| | | | | | |
| | | | | | |
| | Port Authority of New York and New Jersey, | | | | |
| | TRANSCOM | None listed | short survey | None listed | |
| Arterial Management agencies from which your agency receives | | | | | |
| arterial travel times, speeds, and conditions | | | | | |
| | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Public Transit operators from which your agency receives | | | | | |

| | Palisades Inte | Palisades Interstate Park Commission | | Transcom | |
|---|----------------|--------------------------------------|---------------|-------------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| freeway travel times derived from vehicle probes | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Toll Collection agencies from which your agency receives freeway travel | None listed | None listed | None listed | None listed | |
| times derived from vehicles probes | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | None listed | None listed | short survey | None listed | |
| Freeway Incident Management Section | | | chief courtey | | |
| Agencies your agency provides incident severity, location, and type info. | | | | | |
| and/or shares infrastructure and/or coordinates operation | | | | | |
| Arterial Management Agencies | | | | | |
| Provide Information | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | None listed | None listed | short survey | None listed | |
| Share Infrastructure | | | 1 | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | 1 | | |
| | None listed | None listed | None listed | None listed | |
| Coordinate Operation | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Emergency Management Agencies | | | None listed | None listed | |

| | Palisades Ir | Palisades Interstate Park Commission | | Transcom | |
|-----------------------------|--------------|--------------------------------------|-----------------|-------------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| Provide Information | | | | | |
| | | | | | |
| | | | | | |
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| | | | | | |
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| | | | | | |
| | | | | | |
| | | | | | |
| | Name Ref. 1 | No Kata d | a ba anti a sum | Name Bat | |
| Share Infrastructure | None listed | None listed | short survey | None listed | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Coordinate Operation | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Freeway Management Agencies | | | | | |
| Provide Information | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | TRANSCOM | None listed | short survey | None listed | |
| Share Infrastructure | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |

| | Palisades In | Palisades Interstate Park Commission | | nscom |
|--|--------------|--------------------------------------|--------------|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Public Transit Operators | | | | |
| Provide Information | | | | |
| | | | | |
| | Name Kated | Name Katad | - In - wt | Name Refer |
| Share Infrastructure | None listed | None listed | short survey | None listed |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Receiving real-time information via electronic means from others | None listed | inone listed | None listed | None listed |
| Emergency Management agencies from which your agency receives | | | | |
| incident clearance and/or incident severity and type | | | | |
| | | | | |
| | | | | |
| Receive Arterial Incident Clearance Information | None listed | None listed | short survey | None listed |
| | | | | |
| Receive Arterial Incident Severity Information | None listed | None listed | None listed | None listed |
| Arterial Management agencies from which your agency receives | | | | |
| arterial travel times, speeds, and conditions | | | | |
| | | | 1 | |
| | None listed | None listed | None listed | None listed |
| Freeway Management agencies from which your agency receives | | | | |

| | Palisades Intersta | Palisades Interstate Park Commission | | |
|--|--------------------|--------------------------------------|-------------|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| freeway travel times, speeds, and conditions | | | | |
| | | | | |
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| | | | | |
| | | | | |
| | TRANSCOM | None listed | None listed | None listed |

*short survey: Agency responded using a short survey. The survey did not include names of individual agencies, but only identified whether integration exists.

Appendix E Freeway Management Information Collection and Dissemination

| Connecticut Department of Transportation(CT) | | New Jersey Department of Transportation(NJ) | |
|--|------|---|---|
| 1999 | 2005 | 1999 | 2005 |
| | | | |
| Yes | | Yes | |
| | | | |
| | | | |
| | | Emergency/evacuation routes and procedures, | Traffic volumes, Traffic speeds, Lane occupancy Vehicle classification, Probe vehicles, Road conditions, Intermodal (ai |
| NK | NK | Traffic volumes, Route designations (snow emergency, etc.), Weather conditions, Incidents, Current work zones, Scheduled work zones, Emergency/evacuation routes and procedures, | rail, water) connections Traffic volumes, Traffic speeds, Lane occupancy Vehicle classification, Probe vehicles, Road conditions, Intermodal (a |
| | Yes | NR NR | Image: state stat |

| | Connecticut Department of Transportation(CT) | | New Jersey Department of Transportation(NJ) | |
|---|--|------|--|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Transferred to another agency by your agency | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | Route designations (snow | |
| | | | emergency, etc.), | |
| | | | Incidents, Current work | Traffic volumes, Traffic |
| | | | zones, Scheduled work zones, | speeds, Lane occupancy Vehicle classification, |
| | | | Emergency/evacuation | Probe vehicles, Road |
| | | | routes and procedures, | conditions, Weather |
| | NR | NR | Highway operations coordination information | conditions, Intermodal (a rail, water) connections |
| mportance of making information available to the public | | | | , , |
| Ranked High | | | | |
| | | | | |
| | | | | |
| | | | Traffic speeds, Road conc | litions Route designations |
| | | | (snow emergency, etc.), V | |
| | NR | | Incidents, Current work zo | nes, Scheduled work zone |
| Ranked Medium | | | | |
| | | | Probe vehicles, Intermoda | |
| | NR | | connections, Emergency/eprocedures | evacuation routes and |
| Ranked Low | | | procedures | |
| | | | | |
| | | | Traffic volumes, Lane occ classification, Highway op | |
| | NR | | information | |
| Groups that make requests for the data | | | | |
| | | | Universities, State DOT pe | ersonnel, Media (I.e., TV |
| | NR | | stations, radio stations), M Advanced Traveler Inform | |

| A | | ent of Transportation(CT) | New Jersey Department of Transportation(N | |
|--|---------------------------------------|---------------------------|--|--------------------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| What is the data used for? | | | | |
| | | | Traffic analysis, Construct | ion impact determination |
| | NR | | Planning, Roadway impac | |
| Methods used to disseminate freeway information to the public | | | | [|
| Technologies your agency uses to disseminate: | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | Telephone system, | |
| | | | Pagers or personal data | |
| | Bagara ar paragal data | | assistants, E-mail or other direct PC communication. | |
| | Pagers or personal data assistants | NR | Facsimile | Internet Web sites |
| Technologies your agency (through another agency or org.) uses to disseminate: | | | | |
| | | | | |
| | | | | |
| | | | Telephone system, E-mail | |
| | | | or other direct PC | or personal data |
| | NR | NR | communication, Facsimile | assistants, Kiosks |
| Internet web site reporting freeway conditions | | | | |
| | NR | | NR | |
| Telephone system for reporting freeway information to the public | NR | | NR | |
| Organizations your agency sends information for dissemination to the public | | | | |
| | | | | |
| | | | TRANSCOM | |
| | | | NJ TMAs (construction and | d incident data) |
| | | | Media (incident data via te | |
| | | | SmartRoute (construction | and incident data) |
| | | | Metro Traffic (incident via | |
| | NR | | Shadow Traffic (incident v | ia telephone call) |
| Freeway Incident Management Section | | | | |
| Methods used to distribute incident location and severity information | | | | |
| to the public | | | | |

| | Connecticut Departme | Connecticut Department of Transportation(CT) | | New Jersey Department of Transportation(NJ) | |
|--|------------------------------------|--|--|---|--|
| Agency Name | 1999 | 2005 | 1999 2005 | | |
| Technologies your agency uses to disseminate: | | | | | |
| | Pagers or personal data assistants | Kiosks | Telephone system, Internet Web sites, Kiosks | Internet Web sites, Kiosks | |
| Technologies your agency (through another agency or org.) uses to disseminate: | | | | | |
| | NR | NR | Telephone system, Internet Web sites, Kiosks | Internet Web sites, Kiosks, Kiosks | |
| Internet web site reporting incident information | | | | • | |
| | NR | | NR | | |
| Telephone system for reporting incident information to the public | NR | | NR | | |
| Organizations your agency sends information for dissemination to the public | | | TRANSCOM NJ TMAs (construction and incident data) Media (incident data via telephone call) SmartRoute (construction and incident data) Metro Traffic (incident via telephone call) | | |

| | Now Jorsov High | nway Authority(NJ) | New Jersey Turnpike Authority(NJ) | |
|--|--|--------------------|---|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| | | | | |
| Agency Returned Survey? | Yes | | Yes | |
| Freeway Management Section | | | | |
| Data collected, archived, and/or transferred to another agency | | | | |
| Collected by your agency | Traffic volumes, Traffic speeds, Vehicle classification, Current work zones, Scheduled work zones, Emergency/evacuation routes and procedures, | | Traffic volumes, Traffic speeds, Lane occupancy, Vehicle classification, Road conditions, Route designations (snow emergency, etc.), Weather conditions, Incidents, Current work zones, Scheduled work zones, Emergency/evacuation routes and procedures, | Traffic volumes, Traffic speeds, Lane occupancy, Vehicle classification, Probe vehicles, Road conditions, Route designations (snow emergency, etc.), Weather conditions, Incidents, Current work zones, Scheduled work zones, Emergency/evacuation routes and procedures, |
| Archived by your agency | Highway operations coordination information | NR | Highway operations coordination information Traffic volumes, Traffic speeds, Lane occupancy, Vehicle classification, Road conditions, Route designations (snow emergency, etc.), Weather conditions, Incidents, Current work zones, Scheduled work zones, Emergency/evacuation routes and procedures, | Highway operations coordination information Traffic volumes, Road conditions, Route designations (snow |
| | Traffic volumes | NR | Highway operations coordination information | Highway operations coordination information |

| NR State DOT personnel, Fede | | Traffic volumes, Lane occu Ramp queues, Ramp mete rate, Intermodal (air, rail, w Universities, Federal DOT | r preemption's, Metering ater) connections |
|--|--|--|---|
| NR | | Ramp queues, Ramp mete | r preemption's, Metering |
| | | | |
| NR | | Vehicle classification | |
| | | | |
| Scheduled work zones, Em | nergency/evacuation routes | (snow emergency, etc.), W Incidents, Current work zor zones, Emergency/evacua | eather conditions, nes, Scheduled work tion routes and procedure |
| | | | |
| Weather conditions, Incidents, Current work zones, Scheduled work zones | NR | NR | NR |
| 1333 | 2003 | 1999 | 2003 |
| | | New Jersey Turnpike Authority(NJ) 1999 2005 | |
| - | 1999 Weather conditions, Incidents, Current work zones, Scheduled work zones Weather conditions, Incide Scheduled work zones, Err and procedures, Highway of information | Weather conditions, Incidents, Current work zones, Scheduled work zones NR Weather conditions, Incidents, Current work zones, Scheduled work zones, Emergency/evacuation routes and procedures, Highway operations coordination information | 1999 2005 1999 Weather conditions, Incidents, Current work zones, Scheduled work zones NR NR Weather conditions, Incidents, Current work zones, Scheduled work zones, Emergency/evacuation routes and procedures, Highway operations coordination information Traffic speeds, Road condi (snow emergency, etc.), W Incidents, Current work zones, Emergency/evacuation routes and procedures, Highway operations coordination |

| | New Jersey Hig | hway Authority(NJ) | New Jersey Turnpike Authority(NJ) | |
|--|--|--|---|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| What is the data used for? | | | | |
| | Traffic analysis, Construct | tion impact determination, on algorithm development, | | tion impact determination, ct analysis, Dissemination to |
| | Roadway impact analysis | | the public | |
| Methods used to disseminate freeway information to the public | i todanaj impaot analjele | | | |
| Technologies your agency uses to disseminate: | | | | |
| Technologies your agency (through another agency or org.) uses to disseminate: | Internet Web sites, Telephone system Pagers or personal data assistants | NR | Telephone system, Internet Web sites, Cell phone/voice Dedicated cable TV, Kiosks | Telephone system, Internet Web sites Dedicated cable TV, Pagers or personal data assistants, Kiosks, E-mai or other direct PC communication, Cell phone/voice |
| Internet web site reporting freeway conditions | | | | |
| | NR | | www.state.nj.us/turnpike | |
| Telephone system for reporting freeway information to the public | 1-732-PARKWAY | | 800-336-5875 | |
| Organizations your agency sends information for dissemination to the public | Transcom | | Transcom Shadow Traffic Metro Traffic | |
| Freeway Incident Management Section | | | | |
| Methods used to distribute incident location and severity information | | | | |
| Methods used to distribute incluent location and sevenity information | | | | |

| | New Jerse | New Jersey Highway Authority(NJ) | | New Jersey Turnpike Authority(NJ) | |
|--|-----------|----------------------------------|---------------------------------|---|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| Technologies your agency uses to disseminate: | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | il Telephone system, E-ma | |
| | | | or other direct PC | or other direct PC | |
| Technologies your agency (through another agency or org.) uses to disseminate: | NR | NR | communication | communication | |
| rechnologies your agency (through another agency of org.) uses to disseminate. | | | | | |
| | | | | Dedicated cable TV, | |
| | | | | Telephone system, | |
| | | | | Internet Web sites, Page | |
| | | | | or personal data | |
| | | | | assistants, E-mail or othe direct PC communication | |
| | NR | NR | NR | Facsimile | |
| Internet web site reporting incident information | | | | | |
| | NR | | NR | | |
| Telephone system for reporting incident information to the public | NR | | 800-336-5875 | | |
| Organizations your agency sends information for dissemination to the public | | | | | |
| | | | | | |
| | | | | | |
| | | | Transcom | | |
| | NR | | Metro Traffic Shadow Traffic | | |

| | New York State DOT- | New York State DOT-Hudson Valley Region 8 | | New York State DOT-Long Island Region 10 | |
|--|--------------------------|---|--------------------------|--|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| | | | | | |
| gency Returned Survey? | Yes | | Yes | | |
| reeway Management Section | | | | | |
| Data collected, archived, and/or transferred to another agency | | | | | |
| Collected by your agency | | | | | |
| | | | | | |
| | | | | | |
| | | Traffic volumes, Traffic | | | |
| | | speeds, Lane occupancy, | | | |
| | | Vehicle classification, | | | |
| | | Probe vehicles, Road conditions, Route | | | |
| | | designations (snow | | | |
| | | emergency, etc.), Weather | | | |
| | | conditions, Incidents, | | | |
| | | Current work zones, | | | |
| | | Scheduled work zones, | | | |
| | | Intermodal (air, rail, water) | | | |
| | | connections, | | | |
| | Road conditions, Weather | Emergency/evacuation | Traffic volumes, Traffic | | |
| | conditions, Incidents, | routes and procedures, | speeds, Current work | | |
| | Current work zones, | Highway operations | zones, Incidents, | | |
| | Scheduled work zones | coordination information | Scheduled work zones | NR | |
| Archived by your agency | | | | | |
| | | | | | |
| | | | | | |
| | | Traffic volumes, Traffic | | | |
| | | speeds, Lane occupancy, | | | |
| | | Vehicle classification, | | | |
| | | Probe vehicles, Road | | | |
| | | conditions, Route designations (snow | | | |
| | | emergency, etc.), Weather | | | |
| | | conditions, Incidents, | | | |
| | | Current work zones, | | | |
| | | Scheduled work zones, | | | |
| | | Intermodal (air, rail, water) | | | |
| | | connections, | | | |
| | | Emergency/evacuation | Traffic volumes, Traffic | | |
| | Road conditions, Current | routes and procedures, | speeds, Current work | | |
| | work zones, Scheduled | Highway operations | zones, Incidents, | | |
| | work zones | coordination information | Scheduled work zones | NR | |

| | New York State DOT | New York State DOT-Hudson Valley Region 8 | | -Long Island Region 10 |
|---|---|--|------------------------------|------------------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Transferred to another agency by your agency | | | | |
| | | | | |
| | | Traffic volumes, Traffic | | |
| | | speeds, Lane occupancy, | | |
| | | Vehicle classification, | | |
| | | Probe vehicles, Road | | |
| | | conditions, Route | | |
| | | designations (snow | | |
| | | emergency, etc.), Weather | | |
| | | conditions, Incidents, Current work zones, | | |
| | | Scheduled work zones, | | |
| | | Intermodal (air, rail, water) | | |
| | | connections, | | |
| | | Emergency/evacuation | | |
| | | routes and procedures, | Traffic speeds, Current | |
| | Current work zones, | Highway operations coordination information | work zones, Incidents, | |
| mportance of making information available to the public | Scheduled work zones | coordination information | Scheduled work zones | NR |
| Ranked High | | | | |
| rankeu riigit | | | | |
| | Traffic speeds, Road con | ditions, Route designations | | |
| | (snow emergency, etc.), | | | |
| | Incidents, Current work z | | | |
| | zones, Intermodal (air, ra Emergency/evacuation ro | | Traffic speeds, Current wo | rk zanag Ingidanta |
| | Highway operations coord | | Scheduled work zones | irk zones, incluents, |
| Ranked Medium | | | | |
| | | | | |
| | | | | |
| | Traffic volumes, Lane oc | cupancy | NR | |
| Ranked Low | | oupunoy | | |
| | | | | |
| | | | | |
| | Vehicle classification, Pro Ramp meter preemption | bbe vehicles, Ramp queues, | Traffic volumes | |
| Groups that make requests for the data | | | | |
| · · · · · · · · · · · · · · · · · · · | State DOT personnel Ma | edia (I.e., TV stations, radio | Universities, State DOT pe | reannal Madia (La T) |
| | stations), MPOs, Advanc | | stations, radio stations), C | |
| | Systems (ATIS) provi | | Traveler Information Syste | |

| | New York State DOT- | Hudson Valley Region 8 | New York State DOT | -Long Island Region 10 |
|--|---|---|--|------------------------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| What is the data used for? | | | | |
| | | | | |
| Mathada waad ta diagominata fragway information to the mublic | Planning, Dissemination to | the public | Traffic analysis, Planning | , Dissemination to the publi |
| Methods used to disseminate freeway information to the public | | | | |
| Technologies your agency uses to disseminate: | | | | |
| | or personal data | Internet Web sites, Pagers or personal data assistants, Kiosks, E-mail or other direct PC communication, In-vehicle navigation systems, Cell phone/voice, Cell phone/data, Facsimile | Facsimile | Internet Web sites |
| Technologies your agency (through another agency or org.) uses to disseminate: | | | | |
| | Telephone system, Internet Web sites, Pagers or personal data assistants, Kiosks | | Dedicated cable TV, Internet Web sites | NR |
| nternet web site reporting freeway conditions | www.hudsonvalleytraveler. www.dot.state.ny.us | com | www.metrocommute.com | |
| Telephone system for reporting freeway information to the public | Active in Fall 1999 | | NR | |
| Organizations your agency sends information for dissemination to the public | Transcom Metro Networks Smart Route Systems Metro Commute NYS Thruway Authority Westchester County DPW Westchester County DOT NYS Police | | Transcom Metro Traffic Shadow Traffic Cablevision Various Radio Stations | |
| Freeway Incident Management Section | | | | |
| Methods used to distribute incident location and severity information | | | | |
| to the public | | | | |

| | New York State DOT-I | Hudson Valley Region 8 | New York State DOT-Long Island Region 10 | | |
|--|--|------------------------|--|--------------------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| Technologies your agency uses to disseminate: | | | | | |
| | | | | | |
| | Telephone system, | | | | |
| | Internet Web sites, Pagers | ; | | | |
| | or personal data | | | | |
| | assistants, Kiosks, E-mail | | | | |
| | or other direct PC | | | | |
| | communication, Cell | | | | |
| | phone/voice, Cell phone/data, Facsimile | Telephone system | Facsimile | Internet Web sites | |
| Technologies your agency (through another agency or org.) uses to disseminate: | • | relephone system | Facsimile | Internet web sites | |
| | Dedicated cable TV, | | | | |
| | Telephone system, | | | | |
| | Internet Web sites, Pagers | i | | | |
| | or personal data | | | | |
| | assistants, Kiosks, E-mail or other direct PC | | | | |
| | communication, Cell | Dedicated cable TV, | | | |
| | phone/voice, Cell | Telephone system, | Dedicated cable TV, | | |
| | phone/data, Facsimile | Facsimile | Internet Web sites | NR | |
| nternet web site reporting incident information | | • | | • | |
| | I-Travel MDI www.hudsonvalleytraveler.com | | www.metrocommute.co | m | |
| elephone system for reporting incident information to the public | Fall of 1999 | com | NR | | |
| Drganizations your agency sends information for dissemination to the public | | | | | |
| | | | | | |
| | | | | | |
| | | | Transcom | | |
| | Transcom | | Shadow Traffic | | |
| | Metro Networks | | Metro Traffic | | |

| 2005 Yes Traffic Cupancy, speeds, Lane occupancy, Vehicle classification, Ramp Probe vehicles, Ramp queues, Route designations (snow , Weather | Palisades Interstate Park Commission 1999 2005 |
|--|--|
| Traffic Traffic volumes, Traffic cupancy, speeds, Lane occupancy, titon, Vehicle classification, Ramp Probe vehicles, Ramp queues, Route ow designations (snow , Weather emergency, etc.), Weather | |
| Traffic Traffic volumes, Traffic cupancy, speeds, Lane occupancy, titon, Vehicle classification, Ramp Probe vehicles, Ramp queues, Route ow designations (snow , Weather emergency, etc.), Weather | |
| cupancy, speeds, Lane occupancy, tition, Vehicle classification, Ramp Probe vehicles, Ramp queues, Route ow designations (snow , Weather emergency, etc.), Weather | |
| cupancy, speeds, Lane occupancy, tition, Vehicle classification, Ramp Probe vehicles, Ramp queues, Route ow designations (snow , Weather emergency, etc.), Weather | |
| cupancy, speeds, Lane occupancy, tition, Vehicle classification, Ramp Probe vehicles, Ramp queues, Route ow designations (snow , Weather emergency, etc.), Weather | |
| ons Highway operations zones, S | s, Current work Scheduled work |
| rmation coordination information zones Traffic Traffic volumes, Traffic speeds, Vehicle Traffic | NR |
| | bbe classification, Probe ueues, vehicles, Ramp queues, ns (snow Route designations (snow , Weather emergency, etc.), Weather |

| | New York State | Thruway Authority | Palisades Interstate Park Commission | | | |
|---|---|---|--|--|--|--|
| Agency Name | 1999 2005 | | | | | |
| Transferred to another agency by your agency | | | | 2005 | | |
| | Traffic speeds, Probe vehicles, Ramp queues, Route designations (snow emergency, etc.), Weathe conditions, Incidents, Current work zones, Scheduled work zones, Emergency/evacuation routes and procedures, Highway operations coordination information | r emergency, etc.), Weather conditions, Incidents, Current work zones, Scheduled work zones, Emergency/evacuation routes and procedures, Highway operations | NR | NR | | |
| nportance of making information available to the public | | | | | | |
| Ranked High | designations (snow emerg | ent work zones, Scheduled vacuation routes and | Incidents | | | |
| Ranked Medium | internation | | Incidents | | | |
| | NR | | Current work zones, Scheduled work zones | | | |
| Ranked Low | | | | | | |
| | Troffic volumes Mehicles | location | ND | | | |
| Groups that make requests for the data | Traffic volumes, Vehicle c | 100011011 | NR | | | |
| | Universities, State DOT pe stations, radio stations), M Advanced Traveler Inform | IPOs, Consultants, | State DOT personnel, Me stations) | State DOT personnel, Media (I.e., TV stations, rad | | |

| | New York State | Thruway Authority | Palisades Interstate Park Commission | | |
|--|------------------------------|-----------------------------|--|------------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| What is the data used for? | | • | | • | |
| | Traffic analysis, Constructi | on impact determination, | 1999 Planning, Dissemination to Telephone system, Pagers or personal data assistants | | |
| | Planning, Incident detection | n algorithm development, | | | |
| | Roadway impact analysis, | Dissemination to the public | Planning, Dissemination to | the public | |
| lethods used to disseminate freeway information to the public | | | | | |
| Technologies your agency uses to disseminate: | | | | | |
| | | | | | |
| | | | | | |
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| | | | | | |
| | | | | | |
| | | | | | |
| | | | Telephone system, | | |
| | Telephone system, | Telephone system, | | | |
| | | Internet Web sites, Kiosks | | NR | |
| Technologies your agency (through another agency or org.) uses to disseminate: | | | | | |
| | | | | | |
| | | Internet Web sites, Pagers | | | |
| | Pagers or personal data | or personal data | | | |
| | assistants, Kiosks, | assistants, Kiosks, | | | |
| | Facsimile | Facsimile | NR | NR | |
| nternet web site reporting freeway conditions | | | | | |
| | www.thruway.state.ny.us | | ND | | |
| Felephone system for reporting freeway information to the public | 1-800-Thruway | | | | |
| Drganizations your agency sends information for dissemination to the public | 1-800-Thidway | | 201.700.0001 | | |
| riganizations your agency senas mormation for dissemination to the public | | | | | |
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| | | | | | |
| | | | | | |
| | Transcom | | TRANSCOM | | |
| Freeway Incident Management Section | | | | | |
| Methods used to distribute incident location and severity information | | | | | |
| to the public | | | | | |

| | New York | State Thruway Authority | Palisades Interstate Park Commission | | | |
|--|---|-------------------------|--------------------------------------|------|--|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | | |
| Technologies your agency uses to disseminate: | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | NR NR Telephone system, Pagers or personal data assistants NR NR assistants NR NR NR NR NR NR | | | | | |
| | | | | | | |
| | NR | NR | assistants | NR | | |
| Technologies your agency (through another agency or org.) uses to disseminate: | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | NR | NR | NR | NR | | |
| ternet web site reporting incident information | | | | | | |
| | ND | | ND | | | |
| elephone system for reporting incident information to the public | | | | | | |
| rganizations your agency sends information for dissemination to the public | | | 201.700.0001 | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | NR | | Transcom | | | |

| | | Transcom |
|--|------|----------|
| Agency Name | 1999 | 2005 |
| | | |
| Agency Returned Survey? | Yes | |
| Freeway Management Section | | |
| Data collected, archived, and/or transferred to another agency | | |
| Collected by your agency | | |
| | | |
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| | | |
| | NR | NR |
| Archived by your agency | | |
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| | | |
| | NR | NR |

| | Tran | |
|--|------|------|
| Agency Name | 1999 | 2005 |
| Transferred to another agency by your agency | 1333 | 2003 |
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| | | |
| Importance of making information available to the public | NR | NR |
| Ranked High | | |
| | | |
| | | |
| | | |
| | | |
| | NR | |
| Ranked Medium | | |
| | | |
| | | |
| Desked Law | NR | |
| Ranked Low | | |
| | | |
| | | |
| Groups that make requests for the data | NR | |
| | | |
| | | |
| | NR | |

| | Tra | nscom |
|--|---|--|
| Agency Name | 1999 | 2005 |
| What is the data used for? | | |
| | NR | |
| Methods used to disseminate freeway information to the public | | |
| Technologies your agency uses to disseminate: | | |
| | Pagers or personal data assistants, Kiosks | Dedicated cable TV, Telephone system, Internet Web sites, Pagers or personal data assistants, Interactive TV, Kiosks, E-mail or other direct PC communication, In-vehicle navigation systems |
| Technologies your agency (through another agency or org.) uses to disseminate: | | |
| | NR | NR |
| Internet web site reporting freeway conditions | | |
| | NR | |
| Telephone system for reporting freeway information to the public | NR | |
| Organizations your agency sends information for dissemination to the public | | |
| | NR | |
| Freeway Incident Management Section | | |
| Freeway Incident Management Section Methods used to distribute incident location and severity information | | |

| 1999 agers or personal data ssistants, Kiosks | 2005 Dedicated cable TV, Telephone system, Internet Web sites, Pagers or personal data assistants, Interactive TV, Kiosks, E-mail or other direct PC communication, In-vehicle navigation systems |
|---|--|
| | Telephone system, Internet Web sites, Pager or personal data assistants, Interactive TV, Kiosks, E-mail or other direct PC communication, In-vehicle navigation |
| | Telephone system, Internet Web sites, Pager or personal data assistants, Interactive TV Kiosks, E-mail or other direct PC communication In-vehicle navigation |
| | |
| | |
| R | NR |
| | |
| R | |
| R | |
| | |
| R | R |

Appendix F Arterial Management Components

| | Babylo | on Town | Bayonne | e City(NJ) | Bergen County(NJ) | | Bridgepo | rt City(CT) |
|--|--------|---------|---------|------------|-------------------|------|----------|-------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| | | | | | | | | |
| Agency Returned Survey? | Yes | | Yes | | Yes | | Yes | |
| ARTERIAL MANAGEMENT SECTION | | | | | | | | |
| Number of arterial miles that agency owns or maintains | NR | | 130 | | NR | | 150 | |
| Number of arterial miles that is used for planning | NR | | 130 | | NR | | 200 | |
| Number of highway-rail intersections that agency maintains | NR | | 12 | | NR | | 5 | |
| Number of highway-rail intersections that is used for planning | NR | | 0 | | NR | | 0 | |
| Type of facilities used to conduct arterial management activities | | | | | | | | |
| Activities housed in a free-standing dedicated building? | No | | No | | No | | No | |
| Activities housed in a building shared with other activities? | No | | No | | No | | Yes | |
| Activities conducted in a dedicated control room? | No | | No | | No | | Yes | |
| Control room contains operator console(s)? | No | | No | | No | | Yes | |
| Control room contains electronic wall map? | No | | No | | No | | No | |
| Control room contains CCTV display(s)? | No | | No | | No | | Yes | |
| Activities conducted in a room containing workstations or PCs that manage traffic? | No | | Yes | | No | | No | |
| Facilities are electronically linked to other transportation mgt facilities? | No | | No | | No | | Yes | |
| Staffing and hours of operation of arterial management activities | | | | | | | | |
| Number of full-time agency staff members | NR | | NR | | NR | | 8 | |
| Number of full time contractor staff members | NR | | NR | | NR | | 0 | |
| Number of part-time agency staff members | NR | | NR | | NR | | NR | |
| Number of part-time contractor staff members | NR | | NR | | NR | | NR | |
| Staffed 24 hours day by agency staff or by others | NR | | NR | | NR | | NR | |
| Staffed during peak hours only by agency staff or by others | NR | | NR | | NR | | NR | |
| Staffed by others during off-peak hours | No | | No | | No | | No | |
| Agency staff perform transportation management as an ancillary duty | No | | No | | No | | No | |
| Agency staff dedicated to transportation management duty | No | | No | | No | | Yes | |
| Types of operations conducted for arterial management | | | | | | | | |
| Incident detection and management? | No | | No | | No | | Yes | |
| This metropolitan area? | No | | No | | No | | Yes | |
| Other metropolitan area? | No | | No | | No | | No | |
| Monitoring and troubleshooting status of system components? | No | | No | | No | | Yes | |
| Radio communications with other agencies? | No | | No | | No | | Yes | |
| Exchange of electronic data with other agencies such as computer aided dispatch? | No | | No | | No | | No | |
| Manual override of traffic signal timing plans | No | | No | | No | | Yes | |
| Operating transportation mgt roadside devices (e.g., VMS, CCTV, etc.) | No | | No | | No | | Yes | |

| | Babylon Town Bayonne City(NJ) | | | Bergen County(NJ) | | | | | |
|---|-------------------------------|-------------------------|--|-------------------|--|--|---------------------|-------------|--|
| | | on Town | | | 1999 2005 | | Bridgeport City(CT) | | |
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | |
| Describe agency's role in traffic signal control | | county except routes | State ro | utes only | area exce | incorporated pt state and y routes | All roads | s in county | |
| Traffic Signals Operated by Agency | | | | | | | | | |
| Number of signalized intersections operated and owned by agency | 38 | 44 | 115 | 125 | 333 | 350 | 260 | 290 | |
| Number of signalized intersections operated by agency but owned by another | 2 | 3 | 0 | 0 | NR | NR | 470 | 530 | |
| Total number of signalized intersections operated by agency | 40 | 47 | 115 | 125 | 333 | 350 | 730 | 820 | |
| Characteristics of signalized intersections that agency operates | | | | | | | | | |
| Under closed loop or central system control | 32 | 38 | 17 | NR | 262 | 300 | 730 | 820 | |
| Under real-time traffic adaptive control using advanced software | 0 | 0 | 0 | NR | 0 | 0 | 0 | NR | |
| Using SCOOT | No | | No | | No | | No | | |
| Using SCATS | No | | No | | No | | No | | |
| Name of software | 1 | NR | Ν | İR | NR | | NR | | |
| Allow signal preemption for emergency vehicles | 2 | 4 | 5 | NR | 12 | 40 | 26 | 28 | |
| Allow signal priority for transit vehicles | 0 | 0 | 0 | NR | 0 | 0 | 0 | 200 | |
| Within 200 feet of a highway-rail intersection | 0 | 0 | 1 | NR | 0 | 0 | 6 | 6 | |
| Within 200 feet of a highway-rail intersection that adjust signal timing | 0 | 0 | 1 | NR | 8 | 8 | 3 | 3 | |
| Software used to control the signals agency operates | | | | | | | | | |
| Date of last upgrade to traffic signal control system software? | 1 | NR | 19 | 998 | WAPITI 49A 1999 | | 11/98 Y2K patches | | |
| How often do you update signal timing? | ADT's to IT | E Handbook | | as needed tate | 3 years or when construction warrants it | | as needed basis | | |
| Software used and number of signalized intersections under control (1999, 2005) | , i | NR | Peek CL MATS, 0, 27 PEEK SMARTWAYS, 17, 0 PEEK SMARTWAYS, 17, 0 | | Eagle Comtrac, 730, 820 | | | | |
| Controllers used to control signals | | | | | | | | | |
| NEMA | 40 | 47 | 115 | NR | 0 | 0 | 730 | 820 | |
| 170/179 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2070 controller | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

| | | _ | | | Bergen County(NJ) | | | |
|---|----------------|-----------------|-----------------|--------------------|-------------------|------------|------------------|----------------------|
| | Babylo 1999 | on Town 2005 | Bayonne 1999 | e City(NJ) 2005 | Bergen C 1999 | 2005 | Bridgepo 1999 | ort City(CT) 2005 |
| Total number of highway-rail intersections under electronic surveillance | NR | 2005 NR | NR | 2005 NR | NR | 2005 NR | 0 | 2005 |
| Highway-Rail intersection capabilities | INK | | INIX | | INIX | INT | 0 | |
| Video surveillance | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Electronic surveillance other than video | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ability to predict train arrival electronically | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Equipped with electronic traffic violator devices | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | U | 0 | 0 | 0 | 0 | |
| Real-Time Electronic Traffic Data Collection Technologies | NR | NR | NR | NR | NR | 30 | 200 | 500 |
| Total number of signalized intersections covered by electronic surveillance | INK | INK | INR | INK | INR | 30 | 200 | 500 |
| Number of signalized intersections with data collection technologies | 0 | 0 | 0 | 0 | NR | 20 | 200 | 500 |
| Loop detectors | 0 | 0 | 0 | 0 | NR | 20 | | 200 |
| Video detection cameras | 0 | 0 | 0 | 0 | NR 0 | 0 | 85 0 | 200 |
| Probe readers reading toll tags | ÷ | ÷ | - | - | ÷ | Ŧ | - | Ű |
| Probe readers reading license plates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Roadside Technologies used to Distribute Traveler Information | | | | | | | | |
| Number deployed | | | | | | _ | | |
| Highway Advisory Radio | NR | NR | NR | NR | NR | 5 | 12 | 12 |
| In-Vehicle Signing (IVS) | NR | NR | NR | NR | NR | NR | 0 | 0 |
| VMS controlling parking access | NR | NR | NR | NR | NR | NR | 0 | 0 |
| Miles covered | | | | | | | | <u> </u> |
| Highway Advisory Radio | NR | NR | NR | NR | NR | NR | 50 | 50 |
| In-Vehicle Signing (IVS) | NR | NR | NR | NR | NR | NR | NR | NR |
| Variable Message Signs (VMS) on Arterials | | | | | | | | |
| Candidate locations for deployment of VMS where VMS has been deployed | NR | NR | NR | NR | 0 | 14 | NR | NR |
| Candidate locations for deployment of VMS | NR | NR | NR | NR | NR | 19 | NR | NR |
| Communication Technologies | | | | | | | | |
| Signalized intersections communicated with by each type of communication | | | | | | | | |
| Twisted pair cable | 0 | 0 | 17 | 17 | 250 | 300 | 671 | 570 |
| Coaxial cable | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fiber-optic cable | 0 | 0 | NR | 10 | 0 | 0 | 16 | 200 |
| Other (e.g., wireless, dial-up modems, leased lines, etc.) | 0 | 0 | 17 | 27 | 0 | 0 | 43 | 50 |
| Does agency convey information on highway-rail intersection crossing | | | | | | | | |
| status to travelers via roadside media such as VMS or HAR? | No | | No | | No | | No | |
| TS Standards Used Related to Traffic Signal Control | | | | | | | | |
| Advanced Transportation Controller (ATC) Software Application Interface (ITE 9603-1) | No | | No | | No | | No | |
| ATC Physical Cabinet Functional Design (ITE-9603-2) | No | | No | | No | | No | |
| ATC Functionality and Interface Definitions (ITE-9603-3) | No | | No | | No | | No | |
| Natl. Trans. Communications for ITS Protocol (NTCIP) Class B Profile (AASHTO TS 3.3) | No | | No | | No | | No | |
| NTCIP Data Collection and Monitoring Devices (AASHTO TS 3.DCM) | No | | No | | No | | No | |
| NTCIP Object Definitions for Video Camera Control (AASHTO TS 3.VCC) | No | | No | | No | | No | |
| NTCIP Object Definitions for Actuated Traffic Signal Controller Units (AASHTO TS 3.5) | No | | No | | No | | No | |

| | | - | _ | <u> </u> | Bergen County(NJ) | | | |
|---|------|---------|-------------|------------|-------------------|------|------|--------------|
| | | on Town | | e City(NJ) | | | | ort City(CT) |
| Would exercise to units acts in testing of ITO Standards? | 1999 | 2005 | 1999 Xaa | 2005 | 1999 | 2005 | 1999 | 2005 |
| Would agency be willing to participate in testing of ITS Standards? | Yes | | Yes | | NR | | No | |
| Have agreements in place with other agencies to use similar hardware | NI- | | No | | No | | N | ─── |
| and software to aid maintenance and interoperability? INCIDENT MANAGEMENT ON ARTERIAL STREETS | No | | Yes | | Yes | | Yes | |
| | | | | | | | | ─── |
| Receive information on highway-rail intersection crossing blockages for the purpose of managing incident response? | No | | No | | No | | Yes | <u> </u> |
| Use of Service Patrols to Assist in Detection and Response to Incidents | INU | | INO | | INO | | res | + |
| Publicly operated service patrol vehicles | No | | No | | No | | Yes | |
| Privately operated service patrol vehicles operated under public contract | NO | | No | | NO | | No | |
| Total number of arterial miles patrolled by these services | NR | NR | NR | NR | NR | NR | 0 | 50 |
| Miles Covered by Methods to Detect and Verify Incidents | INIK | INFK | INFX | NK. | INK | INIK | U | 00 |
| Free cellular phone call to a dedicated phone number other than 911 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Free cellular phone call to an area radio station | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Police patrols | 500 | 500 | 0 | 0 | 0 | 0 | 200 | 200 |
| Computer algorithms linked to traffic surveillance equipment | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 150 |
| CCTV | 0 | 0 | 0 | 0 | 0 | 0 | 85 | 200 |
| Private sector sources (e.g., Shadow Traffic, Smart Routes) | 0 | 0 | 0 | 0 | 0 | 0 | 200 | 200 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 200 | 200 |
| Procedures in place for Arterial Incident Response? | | Ŭ | ů | <u> </u> | | | 200 | |
| Working agreement(s)/arrangement(s) with other agencies | No | | Yes | | Yes | | Yes | |
| Inter-agency incident management admin. team that meets regularly | Yes | | No | | Yes | | Yes | <u> </u> |
| | | | - | | | | | |
| Major incident response team that responds to major incidents | Yes | | No | | Yes | | Yes | + |
| Set of goals/objectives for incident mgt that has been adopted by agencies in region | No | | No | | No | | Yes | |
| Methods of Communication Used On-Site at an Incident | | | | | | | | <u> </u> |
| Police | | | | | | | | |
| Two-way radio | No | | No | | No | | Yes | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | No | | No | | No | | Yes | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Other | No | | No | | No | | Yes | |
| Fire | | | I | | | | | |
| Two-way radio | No | | No | | No | | Yes | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | No | | No | | No | | No | + |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | <u> </u> |
| Other | No | | No | | No | | Yes | + |

| | Babylo | on Town | Bayonne | e City(NJ) | Bergen C | ounty(NJ) | Bridgepo | ort City(CT) |
|--|--------|---------|---------|------------|----------|-----------|----------|--------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| DOT | | | | | | | | |
| Two-way radio | Yes | | No | | No | | Yes | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | Yes | | No | | No | | Yes | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Other | No | | No | | No | | Yes | |
| Towing | | | | | | | | |
| Two-way radio | No | | No | | No | | No | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | No | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Other | No | | No | | No | | No | |
| Which police agencies typically respond to incidents on arterials? | | | | | - | | | |
| State Police | Yes | | No | | No | | No | 1 |
| County Police or Sheriff | Yes | | No | | No | | Yes | |
| City Police | No | | No | | Yes | | No | |
| Who provides on-site emergency medical response? | | | | | | | | |
| Fire | No | | No | | No | | Yes | |
| Emergency Management Service Agency | No | | No | | No | | No | |
| Private hospital | Yes | | No | | No | | No | |
| Has a multi-agency contact list been developed in area containing the | | | | | | | | |
| names, phone numbers, etc. for the appropriate response personnel? | Yes | | NR | | Yes | | DK | |
| Is the Incident Command System used to manage incident scenes? | DK | | NR | | Yes | | DK | |
| Is there a legal specification by state law or formal agreement as to who | | | | | | | | 1 |
| is "in charge" at the incident scene? | | | | | | | | 1 |
| Specified by state law? | No | | No | | No | | No | |
| Formal agreement? | No | | No | | No | | No | |
| Not specified or don't know? | Yes | | No | | Yes | | Yes | |
| On-scene command post used to manage activities of responding agencies? | DK | | NR | | Yes | | Yes | |
| Are there communication linkages to a communications traffic/freeway mgt center? | NR | | NR | | Yes | | Yes | |
| Plan developed and adopted by responding agencies for staging and parking | | | | | | | | |
| response vehicles and equip. at incident site that minimizes lane blockage | | | | | | | | |
| and facilitates the re-opening of lanes? | DK | | NR | | No | | Yes | |
| Respondents protected through law or court opinion for liability claims | | | | | | | | |
| for damages to vehicles or cargoes during clearance activities? | DK | | NR | | DK | | DK | |
| Are overturned tank trucks, which are intact and not leaking, uprighted | | | | | | | | |
| without first off-loading? | No | | NR | | Yes | | No | |

| | Babylo | on Town | Bayonn | e City(NJ) | Bergen County(NJ) | | Bridgeport City(CT) | |
|--|--------|---------|--------|------------|-------------------|------|---------------------|------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Does your state or local jurisdiction have a law that requires drivers | | | | | | | | |
| involved in property-damage-only accidents to move the vehicles | | | | | | | | |
| from travel lanes to a safe location to exchange info and wait for police? | NR | | NR | | No | | No | |
| Have laws or policies regarding the removal of stalled/abandoned vehicles | | | | | | | | |
| from freeway shoulders? | NR | | NR | | No | | Yes | |
| Hours abandoned vehicles are allowed to remain on a freeway shoulder? | NR | | NR | | DK | | 0-24 | |
| Have policies or procedures for quick removal of vehicles? | NR | | NR | | No | | Yes | |
| s Total Station equipment used to investigate major incidents? | NR | | NR | | NR | | NR | |
| Handling of Towing Responses to Incidents | | | | | | | | |
| Formal contract based on qualifications? | No | | No | | No | | No | |
| Rotation with companies under contract? | No | | No | | Yes | | No | |
| Separate lists kept for light and heavy response and for specialty recovery? | NR | | NR | | NR | | NR | |
| Rotation list with minimal qualifications? | No | | No | | No | | Yes | |
| In towing qualifications, do you require towers to be certified under the | | | | | | | | |
| Towing and Recovery Ass. of America's National Drivers Cert. Program? | DK | | NR | | Yes | | No | |
| | | | | | | | | |
| | | | | | | | | |
| DK: Don't know | | | | | | | | |
| NR: No Response | | | | | | | | |
| eg: Legislation or action being planned | | | | | | | | |

| | Clifton | City(NJ) | | Department of tation(CT) | East Oran | ge City(NJ) | Elizabet | th City(NJ) |
|--|---------|----------|-------|--------------------------|-----------|-------------|----------|-------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Agency Returned Survey? | Yes | | Yes | | Yes | | Yes | |
| ARTERIAL MANAGEMENT SECTION | | | | | | | | |
| Number of arterial miles that agency owns or maintains | NR | 1 | 1,040 | | NR | | NR | |
| Number of arterial miles that is used for planning | NR | | 1,040 | | NR | | NR | |
| Number of highway-rail intersections that agency maintains | 30 | | NR | | NR | | NR | |
| Number of highway-rail intersections that is used for planning | NR | | NR | | NR | | NR | |
| Type of facilities used to conduct arterial management activities | | | | | | | | |
| Activities housed in a free-standing dedicated building? | No | | No | | No | | No | |
| Activities housed in a building shared with other activities? | No | | No | | No | | No | |
| Activities conducted in a dedicated control room? | No | | Yes | | No | | No | |
| Control room contains operator console(s)? | No | | Yes | | No | | No | |
| Control room contains electronic wall map? | No | | Yes | | No | | No | |
| Control room contains CCTV display(s)? | No | | No | | No | | No | |
| Activities conducted in a room containing workstations or PCs that manage traffic? | No | | Yes | | No | | No | |
| Facilities are electronically linked to other transportation mgt facilities? | No | | No | | No | | No | |
| Staffing and hours of operation of arterial management activities | | | | | | | | |
| Number of full-time agency staff members | NR | | 2 | | NR | | NR | |
| Number of full time contractor staff members | NR | | NR | | NR | | NR | |
| Number of part-time agency staff members | NR | | NR | | NR | | NR | |
| Number of part-time contractor staff members | NR | | NR | | NR | | NR | |
| Staffed 24 hours day by agency staff or by others | NR | | NR | | NR | | NR | |
| Staffed during peak hours only by agency staff or by others | NR | | NR | | NR | | NR | |
| Staffed by others during off-peak hours | No | | No | | No | | No | |
| Agency staff perform transportation management as an ancillary duty | No | | No | | No | | No | |
| Agency staff dedicated to transportation management duty | No | | No | | No | | No | |
| Types of operations conducted for arterial management | | | | | | | | |
| Incident detection and management? | No | | No | | No | | No | |
| This metropolitan area? | No | | No | | No | | No | |
| Other metropolitan area? | No | | No | | No | | No | |
| Monitoring and troubleshooting status of system components? | No | | No | | No | | No | |
| Radio communications with other agencies? | No | | Yes | | No | | No | |
| Exchange of electronic data with other agencies such as computer aided dispatch? | No | | No | | No | | No | |
| Manual override of traffic signal timing plans | No | | Yes | | No | | No | |
| Operating transportation mgt roadside devices (e.g., VMS, CCTV, etc.) | No | | No | | No | | No | |

| Clifton | City(NLI) | Connecticut Department of Transportation(CT) | | Fast Orange City(NJ) | | Elizabeth City(NJ) | |
|---------|--|---|---|--|--|---|--|
| | 1 | | | | | | 2005 |
| 1 | NR | | | NR | | Ν | NR |
| | | | | | | | |
| NR | NR | 291 | NR | NR | NR | NR | NR |
| NR | NR | 0 | NR | NR | NR | NR | NR |
| | 155 | 291 | NR | 530 | 540 | 425 | 500 |
| | | - | | | | - | |
| 124 | 155 | 0 | NR | 518 | 528 | 15 | 25 |
| | | - | | | | | 0 |
| | | No | | - | | No | |
| No | | No | | No | | No | |
| 1 | NR | Ν | IR | NR | | NR | |
| 0 | NR | NR | NR | 5 | 9 | 425 | 500 |
| 0 | NR | NR | NR | 0 | NR | 20 | 100 |
| 1 | 1 | NR | NR | 25 | NR | 20 | 25 |
| 1 | 1 | NR | NR | 25 | NR | 20 | 25 |
| | | | | | | | |
| 1 | NR | 8/ | 99 | NR | | NR | |
| 1 | NR | all th | e time | I | NR | NR | |
| 1 | NR | COMPUTRAN, 291, NR | | NR | | NR | |
| | | | | | | | |
| 0 | 0 | 291 | NR | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1999 1999 NR NR 139 124 0 No No No 1 1 1 1 1 1 1 1 1 1 1 1 1 | NR NR NR NR NR NR NR NR 139 155 139 155 124 155 0 NR 124 155 0 NR NR NR | 1999 2005 1999 NR NR All roads in ar NR NR 291 NR NR 291 NR NR 291 NR NR 291 139 155 291 124 155 0 124 155 0 No NR NR No NO NO NR NR NR 0 NR NR 1 1 NR 1 1 NR 0 NR All roads in ar 0 NR NR 1 1 NR 1 1 NR 1 1 NR 0 NR all th 0 0 0 0 0 0 0 0 | 1999 2005 1999 2005 NR All roads in incorporated area All roads in incorporated area NR NR 291 NR NR NR 291 NR NR NR 0 NR 139 155 291 NR 139 155 291 NR 0 NR NR NR 124 155 0 NR 0 NR NR NR 1 1 NR NR 1 1 NR NR 1 1 NR NR 1 1 NR NR NR all the time NR NR COMPUTRAN, 291, NR NR 0 | 1999 2005 1999 2005 1999 NR All roads in incorporated area | 1999 2005 1999 2005 1999 2005 NR All roads in incorporated area NR NR NR NR NR NR 291 NR NR NR NR NR 291 NR NR NR NR NR 0 NR NR NR 139 155 291 NR 530 540 | 1999 2005 1999 2005 1999 2005 1999 NR All roads in incorporated area NR NR NR NR NR NR NR NR 291 NR NR NR NR NR NR NR 291 NR NR NR NR NR NR 0 NR NR NR NR 139 155 291 NR 530 540 425 124 155 0 NR 518 528 15 0 NR NR NR 0 NO NO No No No No NO NO NO 0 NR NR NR 0 NR 20 1 1 NR NR 25 NR 20 1 1 NR NR 25 NR N NR All the time |

| | Clifton | City(NJ) | Connecticut Department of Transportation(CT) | | East Oran | ge City(NJ) | Elizabe | h City(NJ) |
|--|---------|----------|---|------|-----------|-------------|---------|------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Total number of highway-rail intersections under electronic surveillance | NR | NR | NR | NR | NR | NR | NR | NR |
| Highway-Rail intersection capapbilities | | | | | | | | |
| Video surveillance | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Electronic surveillance other than video | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ability to predict train arrival electronically | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Equipped with electronic traffic violator devices | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Real-Time Electronic Traffic Data Collection Technologies | | | | | | | | |
| Total number of signalized intersections covered by electronic surveillance | NR | NR | NR | NR | NR | NR | NR | NR |
| Number of signalized intersections with data collection technologies | | | | | | | | |
| Loop detectors | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Video detection cameras | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Probe readers reading toll tags | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Probe readers reading license plates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Roadside Technologies used to Distribute Traveler Information | - | | | - | - | | | - |
| Number deployed | | | | | | | | |
| Highway Advisory Radio | NR | NR | NR | NR | NR | NR | NR | NR |
| In-Vehicle Signing (IVS) | NR | NR | NR | NR | NR | NR | NR | NR |
| VMS controlling parking access | NR | NR | NR | NR | NR | NR | NR | NR |
| Miles covered | | | | | | | | |
| Highway Advisory Radio | NR | NR | NR | NR | NR | NR | NR | NR |
| In-Vehicle Signing (IVS) | NR | NR | NR | NR | NR | NR | NR | NR |
| Variable Message Signs (VMS) on Arterials | | | | | | | | |
| Candidate locations for deployment of VMS where VMS has been deployed | 10 | NR | NR | 3 | NR | NR | NR | NR |
| Candidate locations for deployment of VMS | 10 | NR | NR | NR | NR | NR | NR | NR |
| Communication Technologies | 10 | | | | | | | |
| Signalized intersections communicated with by each type of communication | | | | | | | | |
| Twisted pair cable | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Coaxial cable | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fiber-optic cable | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other (e.g., wireless, dial-up modems, leased lines, etc.) | 0 | 0 | 291 | 0 | 0 | 0 | 0 | 0 |
| Does agency convey information on highway-rail intersection crossing | 0 | 0 | 231 | 0 | 0 | 0 | 0 | 0 |
| status to travelers via roadside media such as VMS or HAR? | No | | No | | No | | No | |
| ITS Standards Used Related to Traffic Signal Control | INU | | INU | | INU | | NU | |
| Advanced Transportation Controller (ATC) Software Application Interface (ITE 9603-1) | No | | No | | No | | No | |
| Advanced Transportation Controller (ATC) Software Application Interface (TE 9005-1) ATC Physical Cabinet Functional Design (ITE-9603-2) | No | | No | | No | | No | |
| ATC Functionality and Interface Definitions (ITE-9603-3) | No | | No | | No | | No | |
| Natl. Trans. Communications for ITS Protocol (NTCIP) Class B Profile (AASHTO TS 3.3) | NO | | NO | | NO | | NO | |
| Nati. Trans. Communications for TTS Protocol (NTCIP) Class B Profile (AASHTO TS 3.3) NTCIP Data Collection and Monitoring Devices (AASHTO TS 3.DCM) | NO | | NO | | NO | | NO | |
| | NO | | NO | | - | | NO | |
| NTCIP Object Definitions for Video Camera Control (AASHTO TS 3.VCC) | - | | - | | No | | - | |
| NTCIP Object Definitions for Actuated Traffic Signal Controller Units (AASHTO TS 3.5) | No | | No | | No | | No | |

| | | | Connecticut | Department of | | | | |
|--|---------|----------|-------------|---------------|-----------|-------------|----------|------------|
| | Clifton | City(NJ) | | tation(CT) | East Oran | ge City(NJ) | Elizabet | h City(NJ) |
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Would agency be willing to participate in testing of ITS Standards? | NR | | No | | NR | | NR | |
| Have agreements in place with other agencies to use similar hardware | | | | | | | | |
| and software to aid maintenance and interoperability? | NR | | Yes | | NR | | NR | |
| INCIDENT MANAGEMENT ON ARTERIAL STREETS | | | | | | | | |
| Receive information on highway-rail intersection crossing blockages for | | | | | | | | |
| the purpose of managing incident response? | No | | No | | No | | No | |
| Use of Service Patrols to Assist in Detection and Response to Incidents | | | | | | | | |
| Publicly operated service patrol vehicles | No | | No | | No | | No | |
| Privately operated service patrol vehicles operated under public contract | No | | No | | No | | No | |
| Total number of arterial miles patrolled by these services | NR | NR | NR | NR | NR | NR | NR | NR |
| Miles Covered by Methods to Detect and Verify Incidents | | | | | | | | |
| Free cellular phone call to a dedicated phone number other than 911 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Free cellular phone call to an area radio station | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Police patrols | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Computer algorithms linked to traffic surveillance equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CCTV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Private sector sources (e.g., Shadow Traffic, Smart Routes) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Procedures in place for Arterial Incident Response? | | | | | | | | |
| Working agreement(s)/arrangement(s) with other agencies | No | | No | | No | | No | |
| Inter-agency incident management admin. team that meets regularly | No | | No | | No | | No | |
| Major incident response team that responds to major incidents | No | | No | | No | | No | |
| Set of goals/objectives for incident mgt that has been adopted by agencies in region | No | | No | | No | | No | |
| Methods of Communication Used On-Site at an Incident | | | | | | | | |
| Police | | | | | | | | |
| Two-way radio | No | | No | | No | | No | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | No | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Other | No | | No | | No | | No | |
| _Fire | | | | | | | | |
| Two-way radio | No | | No | | No | | No | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | No | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Other | No | | No | | No | | No | |

| | Clifton | City(NJ) | | Department of tation(CT) | East Oran | East Orange City(NJ) | | n City(NJ) |
|--|---------|----------|------|--------------------------|-----------|----------------------|------|------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| DOT | | | | | | | | |
| Two-way radio | No | | No | | No | | No | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | No | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Other | No | | No | | No | | No | |
| Towing | | | | | | | | |
| Two-way radio | No | | No | | No | | No | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | No | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Other | No | | No | | No | | No | |
| Which police agencies typically respond to incidents on arterials? | | | | | | | | |
| State Police | No | | No | | No | | No | |
| County Police or Sheriff | No | | No | | No | | No | |
| City Police | No | | No | | No | | No | |
| Who provides on-site emergency medical response? | | | | | | | | |
| Fire | No | | No | | No | | No | |
| Emergency Management Service Agency | No | | No | | No | | No | |
| Private hospital | No | | No | | No | | No | |
| Has a multi-agency contact list been developed in area containing the | | | | | | | | |
| names, phone numbers, etc. for the appropriate response personnel? | NR | | NR | | NR | | NR | |
| Is the Incident Command System used to manage incident scenes? | NR | | NR | | NR | | NR | |
| Is there a legal specification by state law or formal agreement as to who | | | | | | | | |
| is "in charge" at the incident scene? | | | | | | | | |
| Specified by state law? | No | | No | | No | | No | |
| Formal agreement? | No | | No | | No | | No | |
| Not specified or don't know? | No | | No | | No | | No | |
| On-scene command post used to manage activities of responding agencies? | NR | | NR | | NR | | NR | |
| Are there communication linkages to a communications traffic/freeway mgt center? | NR | | NR | | NR | | NR | |
| Plan developed and adopted by responding agencies for staging and parking | | | | | | | | |
| response vehicles and equip. at incident site that minimizes lane blockage | | | | | | | | |
| and facilitates the re-opening of lanes? | NR | | NR | | NR | | NR | |
| Respondents protected through law or court opinion for liability claims | | | | | | | | |
| for damages to vehicles or cargoes during clearance activities? | NR | | NR | | NR | | NR | |
| Are overturned tank trucks, which are intact and not leaking, uprighted | | | | | | | | |
| without first off-loading? | NR | | NR | | NR | | NR | |

| | Clifton City(NJ) | | | Connecticut Department of Transportation(CT) | | East Orange City(NJ) | | h City(NJ) |
|--|------------------|------|------|---|------|----------------------|------|------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Does your state or local jurisdiction have a law that requires drivers | | | | | | | | |
| involved in property-damage-only accidents to move the vehicles | | | | | | | | |
| from travel lanes to a safe location to exchange info and wait for police? | NR | | NR | | NR | | NR | |
| Have laws or policies regarding the removal of stalled/abandoned vehicles | | | | | | | | |
| from freeway shoulders? | NR | | NR | | NR | | NR | |
| Hours abandoned vehicles are allowed to remain on a freeway shoulder? | NR | | NR | | NR | | NR | |
| Have policies or procedures for quick removal of vehicles? | NR | | NR | | NR | | NR | |
| Is Total Station equipment used to investigate major incidents? | NR | | NR | | NR | | No | |
| Handling of Towing Responses to Incidents | | | | | | | | |
| Formal contract based on qualifications? | No | | No | | No | | No | |
| Rotation with companies under contract? | No | | No | | No | | No | |
| Separate lists kept for light and heavy response and for specialty recovery? | NR | | NR | | NR | | NR | |
| Rotation list with minimal qualifications? | No | | No | | No | | No | |
| In towing qualifications, do you require towers to be certified under the | | | | | | | | 1 |
| Towing and Recovery Ass. of America's National Drivers Cert. Program? | NR | | NR | | NR | | NR | |
| | | | | | | | | |
| | | | | | | | | |
| DK: Don't know | | | | | | | | |
| NR: No Response | | | | | | | | |
| Leg: Legislation or action being planned | | | | | | | | |

| | Fairfield | Town(CT) | Greenbu | ırgh Town | Greenwich | Town(CT) | Hudson C | county(NJ) |
|--|-----------|----------|---------|-----------|-----------|----------|----------|------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Agency Returned Survey? | Yes | | Yes | | Yes | | Yes | |
| | 165 | | 165 | | 165 | | 165 | |
| Number of arterial miles that agency owns or maintains | 60 | | NR | | NR | | 110 | |
| Number of arterial miles that is used for planning | 0 | | NR | | NR | | NR | |
| Number of highway-rail intersections that agency maintains | 3 | | NR | | NR | | 30 | |
| Number of highway-rail intersections that is used for planning | 0 | | NR | | NR | | NR | |
| Type of facilities used to conduct arterial management activities | | | | | | | | |
| Activities housed in a free-standing dedicated building? | Yes | | No | | No | | No | |
| Activities housed in a building shared with other activities? | Yes | | No | | No | | Yes | |
| Activities conducted in a dedicated control room? | Yes | | No | | No | | No | |
| Control room contains operator console(s)? | No | | No | | No | | No | |
| Control room contains electronic wall map? | No | | No | | No | | No | |
| Control room contains CCTV display(s)? | No | | No | | No | | No | |
| Activities conducted in a room containing workstations or PCs that manage traffic? | Yes | | No | | Yes | | Yes | |
| Facilities are electronically linked to other transportation mgt facilities? | Yes | | No | | No | | No | |
| Staffing and hours of operation of arterial management activities | | | | | | | | |
| Number of full-time agency staff members | 8 | | NR | | NR | | 2 | |
| Number of full time contractor staff members | NR | | NR | | NR | | NR | |
| Number of part-time agency staff members | 0 | | NR | | NR | | NR | |
| Number of part-time contractor staff members | NR | | NR | | NR | | NR | |
| Staffed 24 hours day by agency staff or by others | agency | | NR | | NR | | NR | |
| Staffed during peak hours only by agency staff or by others | NR | | NR | | NR | | agency | |
| Staffed by others during off-peak hours | No | | No | | No | | No | |
| Agency staff perform transportation management as an ancillary duty | No | | No | | Yes | | No | |
| Agency staff dedicated to transportation management duty | No | | No | | No | | No | |
| Types of operations conducted for arterial management | | | | | | | | |
| Incident detection and management? | Yes | | No | | No | | No | |
| This metropolitan area? | Yes | | No | | No | | No | |
| Other metropolitan area? | No | | No | | No | | No | |
| Monitoring and troubleshooting status of system components? | Yes | | No | | No | | Yes | |
| Radio communications with other agencies? | No | | No | | No | | No | |
| Exchange of electronic data with other agencies such as computer aided dispatch? | No | | No | | No | | No | |
| Manual override of traffic signal timing plans | Yes | | No | | No | | No | |
| Operating transportation mgt roadside devices (e.g., VMS, CCTV, etc.) | Yes | | No | | No | | No | |

| | | - (0) | | . – | | - (0) | | o |
|---|----------|-----------------------------|------------|-------------------------------|--|--|--------------|--------------------------------|
| | 1 | Town(CT) | Î | irgh Town | | Town(CT) | 1 | County(NJ) |
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Describe agency's role in traffic signal control | State ro | outes only | | nals on state ned roadways | | I roads in county except state routes | | incorporated t state routes |
| Traffic Signals Operated by Agency | | | | | | | | |
| Number of signalized intersections operated and owned by agency | 240 | NR | 50 | 100 | 28 | 43 | 283 | 295 |
| Number of signalized intersections operated by agency but owned by another | 15 | NR | 2 | 2 | 1 | 5 | NR | NR |
| Total number of signalized intersections operated by agency | 255 | NR | 50 | 100 | 29 | 48 | 283 | 295 |
| Characteristics of signalized intersections that agency operates | 200 | | | 100 | 20 | 10 | 200 | |
| Under closed loop or central system control | 85 | 100 | 0 | 100 | 0 | 0 | 85 | 100 |
| Under real-time traffic adaptive control using advanced software | 0 | 0 | NR | NR | 0 | 0 | 0 | NR |
| Using SCOOT | No | Ŭ | No | | No | Ŭ | No | |
| Using SCATS | No | | No | | No | | No | |
| Name of software | - | NR. | - | IR III | NR | | - | NR |
| Allow signal preemption for emergency vehicles | 235 | 250 | 50 | 100 | 29 | 48 | 75 | NR |
| Allow signal priority for transit vehicles | 23 | 23 | NR | NR | 29 | 48 | 0 | NR |
| Within 200 feet of a highway-rail intersection | 7 | 7 | 0 | 0 | 0 | 0 | 10 | NR |
| Within 200 feet of a highway-rail intersection that adjust signal timing | 7 | 7 | NR | NR | 0 | 0 | 10 | NR |
| Software used to control the signals agency operates | | | | | | | | 1 |
| Date of last upgrade to traffic signal control system software? | 1 | NR | no central | software yet | Will be upgr | ading this fall | 19 | 998 |
| How often do you update signal timing? | | nually, adjust propriate | ann | ually | Never H | Have Yet | once | a year |
| Software used and number of signalized intersections under control (1999, 2005) | Tracone | t, 225, NR | ٨ | IR | ARIES, 29, NR ZONE MONITOR III, 24, NR | | BiTrans Quid | cNet 4, 85, NR |
| Controllers used to control signals | | | 1 | | 1 | | 1 | |
| NEMA | 275 | NR | 50 | 100 | 29 | 48 | 180 | NR |
| 170/179 | 0 | 0 | 0 | 0 | 0 | 0 | 103 | NR |
| 2070 controller | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | Fairfield | Town(CT) | Greenbu | urgh Town | Greenwich | n Town(CT) | Hudson (| County(NJ) |
|---|-----------|----------|---------|-----------|-----------|------------|----------|------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Total number of highway-rail intersections under electronic surveillance | NR | NR | NR | NR | 13 | 13 | NR | NR |
| Highway-Rail intersection capapbilities | | | | | | | | |
| Video surveillance | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Electronic surveillance other than video | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ability to predict train arrival electronically | 0 | 0 | 0 | 0 | 13 | 13 | 0 | 0 |
| Equipped with electronic traffic violator devices | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Real-Time Electronic Traffic Data Collection Technologies | | | | | | | | |
| Total number of signalized intersections covered by electronic surveillance | NR | NR | NR | NR | 29 | 48 | NR | NR |
| Number of signalized intersections with data collection technologies | | | | | | | | |
| Loop detectors | 0 | 0 | 0 | 0 | 29 | 48 | 0 | 0 |
| Video detection cameras | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 |
| Probe readers reading toll tags | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Probe readers reading license plates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Roadside Technologies used to Distribute Traveler Information | | | 1 | | | | | |
| Number deployed | | | | | | | | |
| Highway Advisory Radio | 20 | 25 | NR | NR | NR | NR | NR | NR |
| In-Vehicle Signing (IVS) | NR | NR | NR | NR | NR | NR | NR | NR |
| VMS controlling parking access | NR | NR | NR | NR | NR | NR | NR | NR |
| Miles covered | | | | | | | | |
| Highway Advisory Radio | NR | NR | NR | NR | NR | NR | NR | NR |
| In-Vehicle Signing (IVS) | NR | NR | NR | NR | NR | NR | NR | NR |
| Variable Message Signs (VMS) on Arterials | | | | | | | | |
| Candidate locations for deployment of VMS where VMS has been deployed | 72 | NR | NR | NR | NR | NR | NR | NR |
| Candidate locations for deployment of VMS | NR | NR | NR | NR | NR | NR | NR | NR |
| Communication Technologies | | | | | | | | |
| Signalized intersections communicated with by each type of communication | | | | | | | | 1 |
| Twisted pair cable | 60 | NR | 0 | 0 | 20 | 33 | 69 | NR |
| Coaxial cable | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fiber-optic cable | 0 | 0 | NR | 75 | 0 | 5 | 0 | 0 |
| Other (e.g., wireless, dial-up modems, leased lines, etc.) | 85 | 100 | 0 | 25 | 9 | 10 | 16 | 0 |
| Does agency convey information on highway-rail intersection crossing | 00 | 100 | Ŭ | 20 | Ű | 10 | 10 | Ŭ |
| status to travelers via roadside media such as VMS or HAR? | No | | No | | No | | No | |
| TS Standards Used Related to Traffic Signal Control | | | | | | | | |
| Advanced Transportation Controller (ATC) Software Application Interface (ITE 9603-1) | No | | No | | No | | No | |
| ATC Physical Cabinet Functional Design (ITE-9603-2) | No | | No | | No | | No | |
| ATC Functionality and Interface Definitions (ITE-9603-3) | No | | No | | No | | No | |
| Natl. Trans. Communications for ITS Protocol (NTCIP) Class B Profile (AASHTO TS 3.3) | No | | No | | No | | No | |
| NTCIP Data Collection and Monitoring Devices (AASHTO TS 3.DCM) | No | | No | | No | | No | |
| NTCIP Object Definitions for Video Camera Control (AASHTO TS 3.DCM) | No | | No | | No | | No | |
| | - | | - | | - | | | |
| NTCIP Object Definitions for Actuated Traffic Signal Controller Units (AASHTO TS 3.5) | No | | No | | No | | No | |

| | Fairfield | Town(CT) | Greenhu | ırgh Town | Greenwich | Town(CT) | Hudeon | County(NJ) |
|--|-----------|----------|---------|-----------|-----------|----------|--------|------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Would agency be willing to participate in testing of ITS Standards? | No | 2000 | No | 2000 | Yes | 2000 | Yes | 2000 |
| Have agreements in place with other agencies to use similar hardware | | | | | | | | |
| and software to aid maintenance and interoperability? | Yes | | No | | Yes | | No | |
| INCIDENT MANAGEMENT ON ARTERIAL STREETS | | | | | | | | |
| Receive information on highway-rail intersection crossing blockages for | | | | | | | | |
| the purpose of managing incident response? | No | | No | | No | | No | |
| Use of Service Patrols to Assist in Detection and Response to Incidents | | | | | | | | |
| Publicly operated service patrol vehicles | No | | No | | No | | No | |
| Privately operated service patrol vehicles operated under public contract | No | | No | | No | | No | |
| Total number of arterial miles patrolled by these services | NR | NR | NR | NR | NR | NR | NR | NR |
| Miles Covered by Methods to Detect and Verify Incidents | | | | | | | | |
| Free cellular phone call to a dedicated phone number other than 911 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Free cellular phone call to an area radio station | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Police patrols | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Computer algorithms linked to traffic surveillance equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CCTV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Private sector sources (e.g., Shadow Traffic, Smart Routes) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Procedures in place for Arterial Incident Response? | | | | | | | | |
| Working agreement(s)/arrangement(s) with other agencies | No | | No | | No | | No | |
| Inter-agency incident management admin. team that meets regularly | No | | No | | No | | No | |
| Major incident response team that responds to major incidents | No | | No | | No | | No | |
| Set of goals/objectives for incident mgt that has been adopted by agencies in region | No | | No | | No | | No | |
| Methods of Communication Used On-Site at an Incident | | | | | | | | |
| Police | | | | | | | | |
| Two-way radio | No | | No | | No | | No | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | No | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Other | No | | No | | No | | No | |
| Fire | | | | | | | | |
| Two-way radio | No | | No | | No | | No | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | No | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Other | No | | No | | No | | No | |

| | Fairfield | Town(CT) | Greenbu | urgh Town | Greenwich | n Town(CT) | Hudson (| County(NJ) |
|--|-----------|----------|---------|-----------|-----------|------------|----------|------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| DOT | | | | | | | | |
| Two-way radio | No | | No | | No | | No | |
| 800 MHz trunked radio | No | | No | 1 | No | | No | |
| Cellular telephone | No | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Other | No | | No | | No | | No | |
| Towing | | | | | | | | |
| Two-way radio | No | | No | | No | | No | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | No | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Other | No | | No | | No | | No | |
| Which police agencies typically respond to incidents on arterials? | | | | | | | | |
| State Police | No | | No | | No | | No | |
| County Police or Sheriff | No | | No | | No | | No | |
| City Police | No | | No | | No | | No | |
| Who provides on-site emergency medical response? | | | | | | | | |
| Fire | No | | No | 1 | No | | No | |
| Emergency Management Service Agency | No | | No | 1 | No | | No | |
| Private hospital | No | | No | | No | | No | |
| Has a multi-agency contact list been developed in area containing the | | | | | | | | |
| names, phone numbers, etc. for the appropriate response personnel? | NR | | NR | | NR | | NR | |
| Is the Incident Command System used to manage incident scenes? | NR | | NR | | NR | | NR | |
| Is there a legal specification by state law or formal agreement as to who | | | | | | | | |
| is "in charge" at the incident scene? | | | | | | | | |
| Specified by state law? | No | | No | | No | | No | |
| Formal agreement? | No | | No | | No | | No | |
| Not specified or don't know? | No | | No | | No | | No | |
| On-scene command post used to manage activities of responding agencies? | NR | | NR | | NR | | NR | |
| Are there communication linkages to a communications traffic/freeway mgt center? | NR | | NR | | NR | | NR | |
| Plan developed and adopted by responding agencies for staging and parking | | | | | | | | |
| response vehicles and equip. at incident site that minimizes lane blockage | | | | | | | | |
| and facilitates the re-opening of lanes? | NR | | NR | | NR | | NR | |
| Respondents protected through law or court opinion for liability claims | | | | | | | | |
| for damages to vehicles or cargoes during clearance activities? | NR | | NR | | NR | | NR | |
| Are overturned tank trucks, which are intact and not leaking, uprighted | | | | | | | | |
| without first off-loading? | NR | | NR | | NR | | NR | |

| | Fairfield Town(CT) | | Greenbu | Greenburgh Town | | Town(CT) | Hudson (| County(NJ) |
|--|--------------------|------|---------|-----------------|------|----------|----------|------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Does your state or local jurisdiction have a law that requires drivers | | | | | | | | |
| involved in property-damage-only accidents to move the vehicles | | | | | | | | |
| from travel lanes to a safe location to exchange info and wait for police? | NR | | NR | | NR | | NR | |
| Have laws or policies regarding the removal of stalled/abandoned vehicles | | | | | | | | |
| from freeway shoulders? | NR | | NR | | NR | | NR | |
| Hours abandoned vehicles are allowed to remain on a freeway shoulder? | NR | | NR | | NR | | NR | |
| Have policies or procedures for quick removal of vehicles? | NR | | NR | | NR | | NR | |
| Is Total Station equipment used to investigate major incidents? | NR | | No | | DK | | NR | |
| Handling of Towing Responses to Incidents | | | | | | | | |
| Formal contract based on qualifications? | No | | No | | No | | No | |
| Rotation with companies under contract? | No | | No | | No | | No | |
| Separate lists kept for light and heavy response and for specialty recovery? | NR | | NR | | NR | | NR | |
| Rotation list with minimal qualifications? | No | | No | | No | | No | |
| In towing qualifications, do you require towers to be certified under the | | | | | | | | |
| Towing and Recovery Ass. of America's National Drivers Cert. Program? | NR | | NR | | NR | | NR | |
| | | | | | | | | |
| | | | | | | | | |
| DK: Don't know | | | | | | | | |
| NR: No Response | | | | | | | | |
| Leg: Legislation or action being planned | | | | | | | | |

| | Hunterdo | on County | Jersev | City(NJ) | Middlesex | County(NJ) | Mount Ve | ernon City |
|--|----------|-----------|--------|----------|-----------|------------|----------|------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| | | | | | | | | |
| Agency Returned Survey? | Yes | | Yes | | Yes | | Yes | |
| ARTERIAL MANAGEMENT SECTION | | | | | | | | |
| Number of arterial miles that agency owns or maintains | 115 | | NR | | NR | | NR | |
| Number of arterial miles that is used for planning | 75 | | NR | | NR | | NR | |
| Number of highway-rail intersections that agency maintains | 0 | | NR | | 30 | | NR | |
| Number of highway-rail intersections that is used for planning | 0 | | NR | | NR | | NR | |
| Type of facilities used to conduct arterial management activities | | | | | | | | |
| Activities housed in a free-standing dedicated building? | No | | No | | No | | No | |
| Activities housed in a building shared with other activities? | No | | No | | No | | No | |
| Activities conducted in a dedicated control room? | No | | No | | No | | No | |
| Control room contains operator console(s)? | No | | No | | No | | No | |
| Control room contains electronic wall map? | No | | No | | No | | No | |
| Control room contains CCTV display(s)? | No | | No | | No | | No | |
| Activities conducted in a room containing workstations or PCs that manage traffic? | Yes | | No | | No | | No | |
| Facilities are electronically linked to other transportation mgt facilities? | No | | No | | No | | No | |
| Staffing and hours of operation of arterial management activities | | | | | | | | |
| Number of full-time agency staff members | 1 | | NR | | NR | | NR | |
| Number of full time contractor staff members | 0 | | NR | | NR | | NR | |
| Number of part-time agency staff members | 0 | | NR | | NR | | NR | |
| Number of part-time contractor staff members | 0 | | NR | | NR | | NR | |
| Staffed 24 hours day by agency staff or by others | NR | | NR | | NR | | NR | |
| Staffed during peak hours only by agency staff or by others | agency | | NR | | NR | | NR | |
| Staffed by others during off-peak hours | No | | No | | No | | No | |
| Agency staff perform transportation management as an ancillary duty | No | | No | | No | | No | |
| Agency staff dedicated to transportation management duty | No | | No | | No | | No | |
| Types of operations conducted for arterial management | | | | | | | | |
| Incident detection and management? | No | | No | | No | | No | |
| This metropolitan area? | No | | No | | No | | No | |
| Other metropolitan area? | No | | No | | No | | No | |
| Monitoring and troubleshooting status of system components? | Yes | | No | | No | | No | |
| Radio communications with other agencies? | No | | No | | No | | No | |
| Exchange of electronic data with other agencies such as computer aided dispatch? | No | | No | | No | | No | |
| Manual override of traffic signal timing plans | Yes | | No | | No | | No | |
| Operating transportation mgt roadside devices (e.g., VMS, CCTV, etc.) | No | | No | | No | | No | |

| escribe agency's role in traffic signal control | 1999 All roads in | on County 2005 | Jersey 1999 | City(NJ) 2005 | Middlesex 1999 | County(NJ) 2005 | Mount Ve 1999 | ernon City 2005 |
|---|----------------------|----------------------|----------------|---------------|-------------------|-----------------|------------------|--------------------|
| escribe agency's role in traffic signal control | All roads in | | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| escribe agency's role in traffic signal control | | incorporated | | | | | | |
| | | t state routes | Ν | IR | 1 | NR | Ν | R |
| raffic Signals Operated by Agency | | | | | | | | |
| Number of signalized intersections operated and owned by agency | 225 | 240 | NR | NR | NR | NR | NR | NR |
| Number of signalized intersections operated by agency but owned by another | 20 | 25 | NR | NR | NR | NR | NR | NR |
| Total number of signalized intersections operated by agency | 245 | 265 | 253 | 260 | NR | NR | 149 | 149 |
| Characteristics of signalized intersections that agency operates | | | | | | | - | - |
| Jnder closed loop or central system control | 142 | 160 | 253 | 260 | 0 | 25 | 0 | 10 |
| Jnder real-time traffic adaptive control using advanced software | 0 | 0 | 0 | 0 | 0 | 5 | 0 | NR |
| Using SCOOT | No | | No | | No | | No | |
| Using SCATS | No | | No | | No | | No | |
| Name of software | 1 | NR | Ν | IR | NR | | N | R |
| Allow signal preemption for emergency vehicles | 0 | 5 | 6 | 100 | 10 | 20 | 0 | NR |
| Allow signal priority for transit vehicles | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nithin 200 feet of a highway-rail intersection | 5 | 5 | 2 | 2 | 10 | 10 | 0 | 0 |
| Nithin 200 feet of a highway-rail intersection that adjust signal timing | 3 | 3 | 2 | 2 | 10 | 10 | 0 | 0 |
| oftware used to control the signals agency operates | | | | | | | | |
| Date of last upgrade to traffic signal control system software? | 1 | 994 | Ν | IR | 1 | NR | Ν | IR |
| How often do you update signal timing? | sel | ldom | Ν | IR | 1 | NR | Ν | R |
| Software used and number of signalized intersections under control (1999, 2005) | | uickNet, 150, I70 | NR | | NR | | N | R |
| ontrollers used to control signals | | | | | | | | |
| NEMA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 170/179 | 345 | 265 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2070 controller | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | Hunterdo | on County | Jersey | City(NJ) | Middlesex | County(NJ) | Mount V | ernon City |
|---|----------|-----------|--------|----------|-----------|------------|---------|------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Total number of highway-rail intersections under electronic surveillance | NR | NR | NR | NR | NR | NR | 0 | 0 |
| Highway-Rail intersection capapbilities | | | | | | | | |
| Video surveillance | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Electronic surveillance other than video | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ability to predict train arrival electronically | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Equipped with electronic traffic violator devices | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Real-Time Electronic Traffic Data Collection Technologies | | | | | | | | |
| Total number of signalized intersections covered by electronic surveillance | 12 | 30 | NR | NR | NR | NR | NR | NR |
| Number of signalized intersections with data collection technologies | 1 | | 1 | 1 | 1 | | | |
| Loop detectors | 4 | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| Video detection cameras | 8 | 20 | 0 | 0 | 0 | 0 | 0 | 0 |
| Probe readers reading toll tags | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Probe readers reading license plates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Roadside Technologies used to Distribute Traveler Information | | | | | | | | |
| Number deployed | | | | | | | | |
| Highway Advisory Radio | NR | NR | NR | NR | NR | NR | NR | NR |
| In-Vehicle Signing (IVS) | NR | NR | NR | NR | NR | NR | NR | NR |
| VMS controlling parking access | NR | NR | NR | NR | NR | NR | NR | NR |
| Miles covered | | | | | | | | |
| Highway Advisory Radio | NR | NR | 30 | 30 | NR | NR | NR | NR |
| In-Vehicle Signing (IVS) | NR | NR | 0 | 0 | NR | NR | NR | NR |
| Variable Message Signs (VMS) on Arterials | | | - | - | | | | |
| Candidate locations for deployment of VMS where VMS has been deployed | NR | NR | 13 | 13 | NR | NR | 0 | 0 |
| Candidate locations for deployment of VMS | NR | NR | 13 | 13 | NR | NR | 0 | 0 |
| Communication Technologies | | | - | - | | | | - |
| Signalized intersections communicated with by each type of communication | | | | | | | | |
| Twisted pair cable | 130 | 135 | 0 | 0 | 0 | 0 | 0 | 0 |
| Coaxial cable | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fiber-optic cable | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other (e.g., wireless, dial-up modems, leased lines, etc.) | 31 | 50 | 0 | 0 | 0 | 0 | 0 | 0 |
| Does agency convey information on highway-rail intersection crossing | | | - | - | - | - | - | |
| status to travelers via roadside media such as VMS or HAR? | No | | No | | No | | No | |
| ITS Standards Used Related to Traffic Signal Control | | | | | | | | |
| Advanced Transportation Controller (ATC) Software Application Interface (ITE 9603-1) | No | | No | | No | | No | |
| ATC Physical Cabinet Functional Design (ITE-9603-2) | No | | No | | No | | No | |
| ATC Functionality and Interface Definitions (ITE-9603-3) | No | | No | | No | | No | |
| Natl. Trans. Communications for ITS Protocol (NTCIP) Class B Profile (AASHTO TS 3.3) | No | | No | | No | | No | |
| NTCIP Data Collection and Monitoring Devices (AASHTO TS 3.DCM) | No | | No | | No | | No | |
| NTCIP Object Definitions for Video Camera Control (AASHTO TS 3.VCC) | No | | No | | No | | No | |
| NTCIP Object Definitions for Actuated Traffic Signal Controller Units (AASHTO TS 3.500) | No | 1 | No | | No | | No | |

| | Hunterd | on County | Jersey | City(NJ) | Middlesex | County(NJ) | Mount V | ernon City |
|--|---------|-----------|--------|----------|-----------|------------|---------|------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Would agency be willing to participate in testing of ITS Standards? | Yes | | NR | | NR | | NR | |
| Have agreements in place with other agencies to use similar hardware | | | | | | | | |
| and software to aid maintenance and interoperability? | No | | NR | | NR | | NR | |
| NCIDENT MANAGEMENT ON ARTERIAL STREETS | | | | | | | | |
| Receive information on highway-rail intersection crossing blockages for | | | | | | | | |
| the purpose of managing incident response? | No | | No | | No | | No | |
| Use of Service Patrols to Assist in Detection and Response to Incidents | | | | | | | | |
| Publicly operated service patrol vehicles | No | | No | | No | | No | |
| Privately operated service patrol vehicles operated under public contract | No | | No | | No | | No | |
| Total number of arterial miles patrolled by these services | NR | NR | NR | NR | NR | NR | NR | NR |
| Miles Covered by Methods to Detect and Verify Incidents | | | | | | | | |
| Free cellular phone call to a dedicated phone number other than 911 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Free cellular phone call to an area radio station | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Police patrols | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Computer algorithms linked to traffic surveillance equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CCTV | 0 | 0 | 38 | 70 | 0 | 0 | 0 | 0 |
| Private sector sources (e.g., Shadow Traffic, Smart Routes) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Procedures in place for Arterial Incident Response? | | | | | | | | |
| Working agreement(s)/arrangement(s) with other agencies | No | | No | | No | | No | |
| Inter-agency incident management admin. team that meets regularly | No | | No | | No | | No | |
| Major incident response team that responds to major incidents | No | | No | | No | | No | |
| Set of goals/objectives for incident mgt that has been adopted by agencies in region | No | | No | 1 | No | | No | |
| Methods of Communication Used On-Site at an Incident | | | | | | | | |
| Police | | | | | | | | |
| Two-way radio | No | | No | | No | | No | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | No | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | 1 | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | 1 | No | | No | |
| Other | No | 1 | No | | No | | No | |
| Fire | | | | | | | | |
| Two-way radio | No | | No | | No | | No | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | No | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Other | No | | No | | No | | No | |

| | Hunterd | on County | Jersev | City(NJ) | Middlesex County(NJ) | | Mount Vernon City | |
|--|---------|-----------|--------|----------|----------------------|------|-------------------|------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| DOT | | | | | | | | 1 |
| Two-way radio | No | | No | | No | | No | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | No | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Other | No | | No | | No | | No | |
| Towing | | | | | | | | |
| Two-way radio | No | | No | | No | | No | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | No | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Other | No | | No | | No | | No | |
| Which police agencies typically respond to incidents on arterials? | | | | | | | | |
| State Police | No | | No | | No | | No | |
| County Police or Sheriff | No | | No | | No | | No | |
| City Police | No | | No | | No | | No | |
| Who provides on-site emergency medical response? | | | | | | | | |
| Fire | No | | No | | No | | No | |
| Emergency Management Service Agency | No | | No | | No | | No | |
| Private hospital | No | | No | | No | | No | |
| Has a multi-agency contact list been developed in area containing the | | | | | | | | |
| names, phone numbers, etc. for the appropriate response personnel? | NR | | NR | | NR | | NR | |
| Is the Incident Command System used to manage incident scenes? | NR | | NR | | NR | | NR | |
| Is there a legal specification by state law or formal agreement as to who | | | | | | | | |
| is "in charge" at the incident scene? | | | | | | | | |
| Specified by state law? | No | | No | | No | | No | |
| Formal agreement? | No | | No | | No | | No | |
| Not specified or don't know? | No | | No | | No | | No | |
| On-scene command post used to manage activities of responding agencies? | NR | | NR | | NR | | NR | |
| Are there communication linkages to a communications traffic/freeway mgt center? | NR | | NR | | NR | | NR | |
| Plan developed and adopted by responding agencies for staging and parking | | | | | | | | |
| response vehicles and equip. at incident site that minimizes lane blockage | | | | | | | | |
| and facilitates the re-opening of lanes? | NR | | NR | | NR | | NR | |
| Respondents protected through law or court opinion for liability claims | | | | | | | | |
| for damages to vehicles or cargoes during clearance activities? | NR | | NR | | NR | | NR | |
| Are overturned tank trucks, which are intact and not leaking, uprighted | | | | | | | | |
| without first off-loading? | NR | | NR | | NR | | NR | |

| | Hunterd | on County | Jersey | City(NJ) | Middlesex | County(NJ) | Mount Ve | ernon City |
|--|---------|-----------|--------|----------|-----------|------------|----------|------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Does your state or local jurisdiction have a law that requires drivers | | | | | | | | |
| involved in property-damage-only accidents to move the vehicles | | | | | | | | |
| from travel lanes to a safe location to exchange info and wait for police? | NR | | NR | | NR | | NR | |
| Have laws or policies regarding the removal of stalled/abandoned vehicles | | | | | | | | |
| from freeway shoulders? | NR | | NR | | NR | | NR | |
| Hours abandoned vehicles are allowed to remain on a freeway shoulder? | NR | | NR | | NR | | NR | |
| Have policies or procedures for quick removal of vehicles? | NR | | NR | | NR | | NR | |
| Is Total Station equipment used to investigate major incidents? | NR | | NR | | NR | | NR | |
| Handling of Towing Responses to Incidents | | | | | | | | |
| Formal contract based on qualifications? | No | | No | | No | | No | |
| Rotation with companies under contract? | No | | No | | No | | No | |
| Separate lists kept for light and heavy response and for specialty recovery? | NR | | NR | | NR | | NR | |
| Rotation list with minimal qualifications? | No | | No | | No | | No | |
| In towing qualifications, do you require towers to be certified under the | | | | | | | | |
| Towing and Recovery Ass. of America's National Drivers Cert. Program? | NR | | NR | | NR | | NR | |
| | | | | | | | | |
| | | | | | | | | |
| DK: Don't know | | | | | | | | |
| NR: No Response | | | | | | | | |
| Leg: Legislation or action being planned | | | | | | | | |

| | Nassa | u County | | Department of tation(NJ) | New Jersey Highway Authority(NJ) | | New Ro | chelle City |
|--|-------|----------|------|--------------------------|-------------------------------------|------|--------|-------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Agency Returned Survey? | Yes | | Yes | | Yes | | Yes | |
| ARTERIAL MANAGEMENT SECTION | | | | | | | | |
| Number of arterial miles that agency owns or maintains | NR | | NR | | NR | | NR | |
| Number of arterial miles that is used for planning | NR | | NR | | NR | | NR | |
| Number of highway-rail intersections that agency maintains | NR | | NR | | NR | | NR | |
| Number of highway-rail intersections that is used for planning | NR | | NR | | NR | | NR | |
| Type of facilities used to conduct arterial management activities | | | | | | | | |
| Activities housed in a free-standing dedicated building? | No | | No | | No | | No | |
| Activities housed in a building shared with other activities? | Yes | | No | | No | | No | |
| Activities conducted in a dedicated control room? | Yes | | No | | No | | No | |
| Control room contains operator console(s)? | Yes | | No | | No | | No | |
| Control room contains electronic wall map? | Yes | | No | | No | | No | |
| Control room contains CCTV display(s)? | No | | No | | No | | No | |
| Activities conducted in a room containing workstations or PCs that manage traffic? | Yes | | No | | No | | No | |
| Facilities are electronically linked to other transportation mgt facilities? | No | | No | | No | | No | |
| Staffing and hours of operation of arterial management activities | | | | | | | | |
| Number of full-time agency staff members | 2 | | NR | | NR | | NR | |
| Number of full time contractor staff members | 2 | | NR | | NR | | NR | |
| Number of part-time agency staff members | NR | | NR | | NR | | NR | |
| Number of part-time contractor staff members | NR | | NR | | NR | | NR | |
| Staffed 24 hours day by agency staff or by others | NR | | NR | | NR | | NR | |
| Staffed during peak hours only by agency staff or by others | NR | | NR | | NR | | NR | |
| Staffed by others during off-peak hours | No | | No | | No | | No | |
| Agency staff perform transportation management as an ancillary duty | No | | No | | No | | No | |
| Agency staff dedicated to transportation management duty | No | | No | | No | | No | |
| Types of operations conducted for arterial management | | | | | | | | |
| Incident detection and management? | No | | No | | No | | No | |
| This metropolitan area? | No | | No | | No | | No | |
| Other metropolitan area? | No | | No | | No | | No | |
| Monitoring and troubleshooting status of system components? | Yes | | No | | No | | No | |
| Radio communications with other agencies? | No | | No | | No | | No | |
| Exchange of electronic data with other agencies such as computer aided dispatch? | No | | No | | No | | No | |
| Manual override of traffic signal timing plans | No | | No | | No | | No | |
| Operating transportation mgt roadside devices (e.g., VMS, CCTV, etc.) | No | | No | | No | | No | |

| | Nassa | u County | | Department of rtation(NJ) | | ey Highway brity(NJ) | New Roc | chelle City | | |
|---|-------|--------------------------------|------|------------------------------|------|-------------------------|---------|-------------|--|----|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | | |
| Describe agency's role in traffic signal control | | incorporated t state routes | ٩ | ١R | NR | | Ν | IR | | |
| Traffic Signals Operated by Agency | | | | | | | | | | |
| Number of signalized intersections operated and owned by agency | 1,575 | 1,600 | NR | NR | NR | NR | NR | NR | | |
| Number of signalized intersections operated by agency but owned by another | 0 | 0 | NR | NR | NR | NR | NR | NR | | |
| Total number of signalized intersections operated by agency | 1,575 | 1,600 | 163 | 243 | 3 | NR | 0 | NR | | |
| Characteristics of signalized intersections that agency operates | ., | ., | | | - | | - | | | |
| Under closed loop or central system control | 687 | 800 | 163 | 243 | 3 | NR | 0 | NR | | |
| Under real-time traffic adaptive control using advanced software | 0 | 0 | 0 | 0 | 0 | NR | 0 | NR | | |
| Using SCOOT | No | Ŭ | No | Ŭ | No | | No | | | |
| Using SCATS | No | | No | | No | | No | | | |
| Name of software | 1 | NR | NR | | | NR | N | IR | | |
| Allow signal preemption for emergency vehicles | 20 | 25 | 0 | 0 | 0 | NR | 4 | NR | | |
| Allow signal priority for transit vehicles | 0 | 0 | 0 | 0 | 0 | NR | 0 | NR | | |
| Within 200 feet of a highway-rail intersection | 12 | 12 | 0 | 0 | 0 | NR | 0 | NR | | |
| Within 200 feet of a highway-rail intersection that adjust signal timing | 7 | 10 | 0 | 0 | 0 | NR | 0 | NR | | |
| Software used to control the signals agency operates | | | | | | | | | | |
| Date of last upgrade to traffic signal control system software? | 19 | 990 | ١ | NR | 1 | NR | Ν | IR | | |
| How often do you update signal timing? | | ly, based on plaints | 1 | NR | I | NR | Ν | IR | | |
| Software used and number of signalized intersections under control (1999, 2005) | | N MTCS, 687, 300 | NR | | ſ | NR | | NR | | IR |
| Controllers used to control signals | | | | | | | | | | |
| NEMA | 1,575 | 1,600 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 170/179 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 2070 controller | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Technologies Associated with Highway-Rail Intersections | | | | | | | | L | | |

| | Nassa | u County | New Jersey Department of Transportation(NJ) | | New Jersey Highway Authority(NJ) | | New Ro | chelle City |
|---|-------|----------|--|---------------------------------------|-------------------------------------|------|--------|-------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Total number of highway-rail intersections under electronic surveillance | NR | NR | NR | NR | NR | NR | NR | NR |
| Highway-Rail intersection capapbilities | | | | | | | | |
| Video surveillance | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Electronic surveillance other than video | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ability to predict train arrival electronically | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Equipped with electronic traffic violator devices | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Real-Time Electronic Traffic Data Collection Technologies | | | | | | | | |
| Total number of signalized intersections covered by electronic surveillance | 379 | 416 | NR | NR | NR | NR | NR | NR |
| Number of signalized intersections with data collection technologies | | | | | | | | |
| Loop detectors | 379 | 410 | 0 | 0 | 0 | 0 | 0 | 0 |
| Video detection cameras | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| Probe readers reading toll tags | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Probe readers reading license plates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Roadside Technologies used to Distribute Traveler Information | - | - | - | | - | - | | |
| Number deployed | | | | | | | | |
| Highway Advisory Radio | NR | NR | NR | NR | NR | NR | NR | NR |
| In-Vehicle Signing (IVS) | NR | NR | NR | NR | NR | NR | NR | NR |
| VMS controlling parking access | NR | NR | NR | NR | NR | NR | NR | NR |
| Miles covered | | | | | | | | |
| Highway Advisory Radio | NR | NR | 32 | 66 | 6 | NR | NR | NR |
| In-Vehicle Signing (IVS) | NR | NR | 0 | 0 | NR | NR | NR | NR |
| Variable Message Signs (VMS) on Arterials | | | | _ | | | | |
| Candidate locations for deployment of VMS where VMS has been deployed | NR | NR | 10 | 25 | 41 | NR | NR | NR |
| Candidate locations for deployment of VMS | NR | NR | 10 | 25 | NR | NR | NR | NR |
| Communication Technologies | | | | | | | | |
| Signalized intersections communicated with by each type of communication | | | | | | | | |
| Twisted pair cable | 687 | 800 | 0 | 0 | 0 | 0 | 0 | 0 |
| Coaxial cable | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fiber-optic cable | 250 | 750 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other (e.g., wireless, dial-up modems, leased lines, etc.) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Does agency convey information on highway-rail intersection crossing | Ŭ | <u> </u> | | , , , , , , , , , , , , , , , , , , , | 0 | Ŭ | | |
| status to travelers via roadside media such as VMS or HAR? | No | | No | | No | | No | |
| ITS Standards Used Related to Traffic Signal Control | | | | | | | | |
| Advanced Transportation Controller (ATC) Software Application Interface (ITE 9603-1) | No | | No | | No | | No | |
| ATC Physical Cabinet Functional Design (ITE-9603-2) | No | | No | | No | | No | |
| ATC Functionality and Interface Definitions (ITE-9603-3) | No | | No | | No | | No | |
| Natl. Trans. Communications for ITS Protocol (NTCIP) Class B Profile (AASHTO TS 3.3) | No | | No | | No | | No | |
| NTCIP Data Collection and Monitoring Devices (AASHTO TS 3.DCM) | No | | No | | No | | No | |
| NTCIP Object Definitions for Video Camera Control (AASHTO TS 3.VCC) | No | | No | | No | | No | |
| NTCIP Object Definitions for Actuated Traffic Signal Controller Units (AASHTO TS 3.5) | No | | No | | No | | No | |

| | | u County | Transpor | Department of rtation(NJ) | Author | ey Highway rity(NJ) | New Rochelle City | |
|--|------|----------|----------|------------------------------|--------|------------------------|-------------------|------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Would agency be willing to participate in testing of ITS Standards? | Yes | | NR | | NR | | NR | |
| Have agreements in place with other agencies to use similar hardware | | | | | | | | |
| and software to aid maintenance and interoperability? | No | | NR | | NR | | NR | |
| INCIDENT MANAGEMENT ON ARTERIAL STREETS | | | | | | | | |
| Receive information on highway-rail intersection crossing blockages for | | | | | | | | |
| the purpose of managing incident response? | No | | No | | No | | No | |
| Use of Service Patrols to Assist in Detection and Response to Incidents | | | | | | | | |
| Publicly operated service patrol vehicles | No | | No | | No | | No | |
| Privately operated service patrol vehicles operated under public contract | No | | No | | No | | No | |
| Total number of arterial miles patrolled by these services | NR | NR | NR | NR | NR | NR | NR | NR |
| Miles Covered by Methods to Detect and Verify Incidents | - | | - | - | - | - | - | |
| Free cellular phone call to a dedicated phone number other than 911 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Free cellular phone call to an area radio station | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Police patrols | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Computer algorithms linked to traffic surveillance equipment | 0 | 10 | 91 | 125 | 0 | 0 | 0 | 0 |
| CCTV | 0 | 0 | 80 | 115 | 4 | NR | 0 | 0 |
| Private sector sources (e.g., Shadow Traffic, Smart Routes) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Procedures in place for Arterial Incident Response? | | | | | | | | |
| Working agreement(s)/arrangement(s) with other agencies | No | | No | | No | | No | |
| Inter-agency incident management admin. team that meets regularly | No | | No | | No | | No | |
| Major incident response team that responds to major incidents | No | | No | | No | | No | |
| Set of goals/objectives for incident mgt that has been adopted by agencies in region | No | | No | | No | | No | |
| Methods of Communication Used On-Site at an Incident | | | | | | | | |
| Police | | | | | | | | 1 |
| Two-way radio | No | | No | | No | | No | |
| 800 MHz trunked radio | Yes | | No | | No | | No | |
| Cellular telephone | No | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Other | No | | No | | No | | No | |
| Fire | | | | | | | | |
| Two-way radio | No | | No | | No | | No | |
| 800 MHz trunked radio | Yes | | No | | No | | No | |
| Cellular telephone | No | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Other | No | | No | | No | | No | |

| | Nassa | u County | - | Department of tation(NJ) | | ey Highway rity(NJ) | New Ro | chelle City |
|--|-------|----------|------|-----------------------------|------|------------------------|--------|-------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| <u>DOT</u> | | | | | | | | |
| Two-way radio | No | | No | | No | | No | |
| 800 MHz trunked radio | Yes | | No | | No | | No | |
| Cellular telephone | No | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Other | No | | No | | No | | No | |
| Towing | | | | | | | | |
| Two-way radio | No | | No | | No | | No | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | No | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Other | No | | No | | No | | No | |
| Which police agencies typically respond to incidents on arterials? | | | | | | | | |
| State Police | No | | No | | No | | No | |
| County Police or Sheriff | Yes | | No | | No | | No | |
| City Police | No | | No | | No | | No | |
| Who provides on-site emergency medical response? | | | | | | | | |
| Fire | Yes | | No | | No | | No | |
| Emergency Management Service Agency | No | | No | | No | | No | |
| Private hospital | No | | No | | No | | No | |
| Has a multi-agency contact list been developed in area containing the | | | | | | | | |
| names, phone numbers, etc. for the appropriate response personnel? | DK | | NR | | NR | | NR | |
| Is the Incident Command System used to manage incident scenes? | DK | | NR | | NR | | NR | |
| Is there a legal specification by state law or formal agreement as to who | | | | | | | | |
| is "in charge" at the incident scene? | | | | | | | | |
| Specified by state law? | No | | No | | No | | No | |
| Formal agreement? | No | | No | | No | | No | |
| Not specified or don't know? | Yes | | No | | No | | No | |
| On-scene command post used to manage activities of responding agencies? | DK | | NR | | NR | | NR | |
| Are there communication linkages to a communications traffic/freeway mgt center? | NR | | NR | | NR | | NR | |
| Plan developed and adopted by responding agencies for staging and parking | | | | | | | | |
| response vehicles and equip. at incident site that minimizes lane blockage | | | | | | | | |
| and facilitates the re-opening of lanes? | DK | | NR | | NR | | NR | |
| Respondents protected through law or court opinion for liability claims | | | | | | | | |
| for damages to vehicles or cargoes during clearance activities? | DK | | NR | | NR | | NR | |
| Are overturned tank trucks, which are intact and not leaking, uprighted | | | | | | | | |
| without first off-loading? | NR | | NR | | NR | | NR | |

| | Nassa | New Jersey Department of Nassau County Transportation(NJ) | | New Jersey Highway Authority(NJ) | | New Roo | chelle City | |
|--|-------|--|------|-------------------------------------|------|---------|-------------|------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Does your state or local jurisdiction have a law that requires drivers | | | | | | | | |
| involved in property-damage-only accidents to move the vehicles | | | | | | | | |
| from travel lanes to a safe location to exchange info and wait for police? | NR | | NR | | NR | | NR | |
| Have laws or policies regarding the removal of stalled/abandoned vehicles | | | | | | | | |
| from freeway shoulders? | Yes | | NR | | NR | | NR | |
| Hours abandoned vehicles are allowed to remain on a freeway shoulder? | DK | | NR | | NR | | NR | |
| Have policies or procedures for quick removal of vehicles? | NR | | NR | | NR | | NR | |
| Is Total Station equipment used to investigate major incidents? | DK | | NR | | NR | | NR | |
| Handling of Towing Responses to Incidents | | | | | | | | |
| Formal contract based on qualifications? | No | | No | | No | | No | |
| Rotation with companies under contract? | No | | No | | No | | No | |
| Separate lists kept for light and heavy response and for specialty recovery? | NR | | NR | | NR | | NR | |
| Rotation list with minimal qualifications? | No | | No | | No | | No | |
| In towing qualifications, do you require towers to be certified under the | | | | | | | | |
| Towing and Recovery Ass. of America's National Drivers Cert. Program? | DK | | NR | | NR | | NR | |
| | | | | | | | | |
| | | | | | | | | |
| DK: Don't know | | | | | | | | |
| NR: No Response | | | | | | | | |
| Leg: Legislation or action being planned | | | | | | | | |

| | New York | City DOT | | City DOT for County | | State DOT- ley Region 8 | | ate DOT-Long Region 10 |
|--|----------|----------|------|------------------------|------|----------------------------|--------|---------------------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Agency Returned Survey? | Yes | | Yes | | Yes | | Yes | |
| ARTERIAL MANAGEMENT SECTION | | | | | | | | |
| Number of arterial miles that agency owns or maintains | 6,375 | | NR | | NR | | NR | |
| Number of arterial miles that is used for planning | 6,375 | | NR | | NR | | NR | |
| Number of highway-rail intersections that agency maintains | 0 | | 6 | | NR | | 3 | |
| Number of highway-rail intersections that is used for planning | 0 | | NR | | NR | | 3 | |
| Type of facilities used to conduct arterial management activities | | | | | | | | |
| Activities housed in a free-standing dedicated building? | No | | No | | No | | Yes | |
| Activities housed in a building shared with other activities? | No | | No | | No | | Yes | |
| Activities conducted in a dedicated control room? | Yes | | No | | No | | Yes | |
| Control room contains operator console(s)? | Yes | | No | | No | | Yes | |
| Control room contains electronic wall map? | Yes | | No | | No | | Yes | |
| Control room contains CCTV display(s)? | Yes | | No | | No | | Yes | |
| Activities conducted in a room containing workstations or PCs that manage traffic? | No | | No | | No | | Yes | |
| Facilities are electronically linked to other transportation mgt facilities? | No | | No | | No | | No | |
| Staffing and hours of operation of arterial management activities | | | | | | | | |
| Number of full-time agency staff members | 25 | | NR | | NR | | 3 | |
| Number of full time contractor staff members | 50 | | NR | | NR | | 3 | |
| Number of part-time agency staff members | NR | | NR | | NR | | NR | |
| Number of part-time contractor staff members | NR | | NR | | NR | | NR | |
| Staffed 24 hours day by agency staff or by others | agency | | NR | | NR | | others | |
| Staffed during peak hours only by agency staff or by others | NR | | NR | | NR | | NR | |
| Staffed by others during off-peak hours | No | | No | | No | | No | |
| Agency staff perform transportation management as an ancillary duty | No | | No | | No | | No | |
| Agency staff dedicated to transportation management duty | Yes | | No | | No | | Yes | |
| Types of operations conducted for arterial management | | | | | | | | |
| Incident detection and management? | Yes | | No | | No | | Yes | |
| This metropolitan area? | Yes | | No | | No | | Yes | |
| Other metropolitan area? | No | | No | | No | | Yes | |
| Monitoring and troubleshooting status of system components? | Yes | | No | | No | | Yes | |
| Radio communications with other agencies? | No | | No | | No | | No | |
| Exchange of electronic data with other agencies such as computer aided dispatch? | No | | No | | No | | No | |
| Manual override of traffic signal timing plans | Yes | | No | | No | | Yes | |
| Operating transportation mgt roadside devices (e.g., VMS, CCTV, etc.) | Yes | | No | | No | | Yes | |

| | | k City DOT | Queens | New York City DOT for Queens County 1999 2005 | | State DOT- lley Region 8 | Island F | ate DOT-Long Region 10 |
|---|-----------|-------------------------|--------|---|-------|-----------------------------|---|---------------------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Describe agency's role in traffic signal control | All roads | in county | Ν | IR | , | NR | State ro | outes only |
| Traffic Signals Operated by Agency | | | | | | | | |
| Number of signalized intersections operated and owned by agency | 10,800 | 11,800 | NR | NR | NR | NR | 1,200 | 1,300 |
| Number of signalized intersections operated by agency but owned by another | NR | NR | NR | NR | NR | NR | 0 | 0 |
| Total number of signalized intersections operated by agency | 10,800 | 11,800 | 11,650 | 8,200 | 1,000 | 1,200 | 1,200 | 1,300 |
| Characteristics of signalized intersections that agency operates | | , | , | ., | , | ,==== | , | † , |
| Under closed loop or central system control | 6,000 | 8,200 | 6,000 | 8,200 | 100 | 300 | 175 | 1.300 |
| Under real-time traffic adaptive control using advanced software | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 |
| Using SCOOT | No | | No | | No | | No | |
| Using SCATS | No | | No | | No | | No | |
| Name of software | ١ | NR | Ν | İR | NR | | ١ | NR |
| Allow signal preemption for emergency vehicles | 30 | 40 | 12 | 12 | 0 | 0 | 250 | 750 |
| Allow signal priority for transit vehicles | 1 | 5 | 0 | 40 | 0 | 100 | 0 | 100 |
| Within 200 feet of a highway-rail intersection | 0 | 0 | 0 | 0 | NR | NR | 3 | 3 |
| Within 200 feet of a highway-rail intersection that adjust signal timing | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 |
| Software used to control the signals agency operates | | | | | | | | |
| Date of last upgrade to traffic signal control system software? | June 3 | 80, 1999 | N | IR | 1 | NR | Onę | going |
| How often do you update signal timing? | Almo | st Daily | N | IR | 1 | NR | They are on | a 2 year cycle |
| Software used and number of signalized intersections under control (1999, 2005) | | and VxWorks, , 8,200 | Ν | IR | NR | | SCOOT/SCAT/RT, N 100 Closed Loop, 300, 2 NYS ITAP, 850, 0 NYS ITAP Inform, 50 | |
| Controllers used to control signals | | | | | | | | |
| NEMA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 170/179 | 170 | 200 | 0 | 0 | 0 | 0 | 1,210 | 1,300 |
| 2070 controller | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 3000 | 0 | 0 | 0 | 0 | 0 | 0 |

| | New Yor | k City DOT | | City DOT for s County | | State DOT- lley Region 8 | | ate DOT-Long Region 10 |
|---|---------|------------|------|--------------------------|------|-----------------------------|------|---------------------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Total number of highway-rail intersections under electronic surveillance | NR | NR | NR | NR | NR | NR | NR | NR |
| Highway-Rail intersection capapbilities | | | | | | | | |
| Video surveillance | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Electronic surveillance other than video | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ability to predict train arrival electronically | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Equipped with electronic traffic violator devices | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Real-Time Electronic Traffic Data Collection Technologies | | | | | | | | |
| Total number of signalized intersections covered by electronic surveillance | 100 | 300 | NR | NR | NR | NR | 250 | 500 |
| Number of signalized intersections with data collection technologies | | | | | | | | |
| Loop detectors | 90 | 150 | 0 | 0 | 0 | 0 | 250 | 500 |
| Video detection cameras | 10 | 100 | 0 | 0 | 0 | 0 | 0 | 0 |
| Probe readers reading toll tags | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 |
| Probe readers reading license plates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Roadside Technologies used to Distribute Traveler Information | | - | - | | - | | - | - |
| Number deployed | | | | | | | | |
| Highway Advisory Radio | 0 | 3 | NR | NR | NR | NR | NR | NR |
| In-Vehicle Signing (IVS) | 0 | 0 | NR | NR | NR | NR | NR | NR |
| VMS controlling parking access | 0 | 5 | NR | NR | NR | NR | NR | NR |
| Miles covered | • | | | | | | | |
| Highway Advisory Radio | 0 | 10 | 25 | 70 | NR | NR | NR | NR |
| In-Vehicle Signing (IVS) | 0 | 10 | NR | NR | NR | NR | NR | NR |
| Variable Message Signs (VMS) on Arterials | 0 | 10 | | | | | | |
| Candidate locations for deployment of VMS where VMS has been deployed | 22 | 27 | 50 | 80 | 3 | 75 | NR | NR |
| Candidate locations for deployment of VMS | 22 | 27 | 50 | 80 | 17 | 97 | NR | NR |
| Communication Technologies | | 21 | 00 | 00 | | 01 | | |
| Signalized intersections communicated with by each type of communication | | | | | | | | |
| Twisted pair cable | 0 | 0 | 0 | 0 | 0 | 0 | 400 | NR |
| Coaxial cable | 2,700 | 2,700 | 0 | 0 | 0 | 0 | 100 | 100 |
| Fiber-optic cable | 0 | 500 | 0 | 0 | 0 | 0 | 50 | 300 |
| Other (e.g., wireless, dial-up modems, leased lines, etc.) | 3200 | 5010 | 0 | 0 | 0 | 0 | 200 | 900 |
| Does agency convey information on highway-rail intersection crossing | 5200 | 3010 | 0 | 0 | 0 | 0 | 200 | 500 |
| status to travelers via roadside media such as VMS or HAR? | No | | No | | No | | No | |
| ITS Standards Used Related to Traffic Signal Control | INO | | NO | | NO | | NO | |
| Advanced Transportation Controller (ATC) Software Application Interface (ITE 9603-1) | Yes | | No | | No | | No | |
| ATC Physical Cabinet Functional Design (ITE-9603-2) | No | | No | | No | | No | |
| ATC Functionality and Interface Definitions (ITE-9603-3) | Yes | | No | | No | | No | |
| Natl. Trans. Communications for ITS Protocol (NTCIP) Class B Profile (AASHTO TS 3.3) | Yes | | No | | No | | No | |
| NTCIP Data Collection and Monitoring Devices (AASHTO TS 3.0CM) | No | | NO | | No | | No | |
| NTCIP Data Collection and Monitoring Devices (AASHTO TS 3.DCM) NTCIP Object Definitions for Video Camera Control (AASHTO TS 3.VCC) | NO | | NO | | No | | No | |
| | Yes | | NO | | No | | | |
| NTCIP Object Definitions for Actuated Traffic Signal Controller Units (AASHTO TS 3.5) | res | | INO | | INO | | No | |

| | New Yor | k City DOT | | City DOT for s County | New York State DOT- Hudson Valley Region 8 | | | ate DOT-Long Region 10 |
|--|---------|------------|------|--------------------------|---|------|------|---------------------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Would agency be willing to participate in testing of ITS Standards? | Yes | | NR | | NR | | No | |
| Have agreements in place with other agencies to use similar hardware | | | | | | | | |
| and software to aid maintenance and interoperability? | Yes | | NR | | NR | | No | |
| INCIDENT MANAGEMENT ON ARTERIAL STREETS | | | | | | | | |
| Receive information on highway-rail intersection crossing blockages for | | | | | | | | |
| the purpose of managing incident response? | No | | No | | No | | No | |
| Use of Service Patrols to Assist in Detection and Response to Incidents | | | | | | | | |
| Publicly operated service patrol vehicles | No | | Yes | | No | | No | |
| Privately operated service patrol vehicles operated under public contract | No | | No | | No | | No | |
| Total number of arterial miles patrolled by these services | NR | NR | 25 | 70 | NR | NR | NR | NR |
| Miles Covered by Methods to Detect and Verify Incidents | _ | 1 | 1 | ļ | | | 4 | |
| Free cellular phone call to a dedicated phone number other than 911 | 20 | 50 | 0 | 0 | 0 | 0 | 0 | 0 |
| Free cellular phone call to an area radio station | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Police patrols | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Computer algorithms linked to traffic surveillance equipment | 0 | 0 | 0 | 20 | 0 | 100 | 0 | 0 |
| CCTV | 50 | 500 | 5 | 50 | 0 | 25 | 0 | 0 |
| Private sector sources (e.g., Shadow Traffic, Smart Routes) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Procedures in place for Arterial Incident Response? | | | | | | | | |
| Working agreement(s)/arrangement(s) with other agencies | Yes | | No | | No | | No | |
| Inter-agency incident management admin. team that meets regularly | Yes | | No | | No | | No | |
| Major incident response team that responds to major incidents | No | | No | | No | | No | |
| Set of goals/objectives for incident mgt that has been adopted by agencies in region | No | | No | | No | | No | |
| Methods of Communication Used On-Site at an Incident | | | | | | | - | |
| Police | | | | | | | | |
| Two-way radio | Yes | | No | | No | | No | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | No | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | Yes | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Other | No | | No | | No | | No | |
| Fire | | | | | | | | |
| Two-way radio | No | | No | | No | | No | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | No | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Other | No | | No | | No | | No | |

| | New Yor | k City DOT | | City DOT for County | | State DOT- ley Region 8 | | ate DOT-Long Region 10 |
|--|---------|------------|------|------------------------|------|----------------------------|------|---------------------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| DOT | | | | | | | | |
| Two-way radio | Yes | | No | | No | | No | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | Yes | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Other | No | | No | | No | | No | |
| Towing | | | | | | | | |
| Two-way radio | No | | No | | No | | No | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | No | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Other | No | | No | | No | | No | |
| Which police agencies typically respond to incidents on arterials? | | | | | | | | |
| State Police | No | | No | | No | | No | |
| County Police or Sheriff | No | | No | | No | | No | |
| City Police | Yes | | No | | No | | No | |
| Who provides on-site emergency medical response? | | | | | | | | |
| Fire | Yes | | No | | No | | No | |
| Emergency Management Service Agency | No | | No | | No | | No | |
| Private hospital | No | | No | | No | | No | |
| Has a multi-agency contact list been developed in area containing the | | | | | | | | |
| names, phone numbers, etc. for the appropriate response personnel? | Yes | | NR | | NR | | NR | |
| Is the Incident Command System used to manage incident scenes? | DK | | NR | | NR | | NR | |
| Is there a legal specification by state law or formal agreement as to who | | | | | | | | |
| is "in charge" at the incident scene? | | | | | | | | |
| Specified by state law? | No | | No | | No | | No | |
| Formal agreement? | No | | No | | No | | No | |
| Not specified or don't know? | Yes | | No | | No | | No | |
| On-scene command post used to manage activities of responding agencies? | No | | NR | | NR | | NR | |
| Are there communication linkages to a communications traffic/freeway mgt center? | NR | | NR | | NR | | NR | |
| Plan developed and adopted by responding agencies for staging and parking | | | | | | | | |
| response vehicles and equip. at incident site that minimizes lane blockage | | | | | | | | |
| and facilitates the re-opening of lanes? | No | | NR | | NR | | NR | |
| Respondents protected through law or court opinion for liability claims | | | | | | | | |
| for damages to vehicles or cargoes during clearance activities? | DK | | NR | | NR | | NR | |
| Are overturned tank trucks, which are intact and not leaking, uprighted | | | | | | | | |
| without first off-loading? | No | | NR | | NR | | NR | |

| | New Yor | <u>k</u> City DOT | | City DOT for s County | | State DOT- ley Region 8 | | ate DOT-Long Region 10 |
|--|---------|-------------------|------|--------------------------|------|----------------------------|------|---------------------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Does your state or local jurisdiction have a law that requires drivers | | | | | | | | |
| involved in property-damage-only accidents to move the vehicles | | | | | | | | |
| from travel lanes to a safe location to exchange info and wait for police? | No | | NR | | NR | | NR | |
| Have laws or policies regarding the removal of stalled/abandoned vehicles | | | | | | | | |
| from freeway shoulders? | Yes | | NR | | NR | | NR | |
| Hours abandoned vehicles are allowed to remain on a freeway shoulder? | 0-24 | | NR | | NR | | NR | |
| Have policies or procedures for quick removal of vehicles? | Yes | | NR | | NR | | NR | |
| Is Total Station equipment used to investigate major incidents? | No | | NR | | NR | | NR | |
| Handling of Towing Responses to Incidents | | | | | | | | |
| Formal contract based on qualifications? | Yes | | No | | No | | No | |
| Rotation with companies under contract? | No | | No | | No | | No | |
| Separate lists kept for light and heavy response and for specialty recovery? | No | | NR | | NR | | NR | |
| Rotation list with minimal qualifications? | No | | No | | No | | No | |
| In towing qualifications, do you require towers to be certified under the | | | | | | | | |
| Towing and Recovery Ass. of America's National Drivers Cert. Program? | No | | NR | | NR | | NR | |
| | | | | | | | | |
| | | | | | | | | |
| DK: Don't know | | | | | | | | |
| NR: No Response | | | | | | | | |
| Leg: Legislation or action being planned | | | | | | | | |

| | | State DOT- ion 11 | Nowork | City(NJ) | Norwalk | City(CT) | Occar C | County(NJ) |
|--|------|----------------------|--------|----------|---------|----------|---------|------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Agency Returned Survey? | Yes | | Yes | | Yes | | Yes | |
| ARTERIAL MANAGEMENT SECTION | | | | | | | | |
| Number of arterial miles that agency owns or maintains | NR | | NR | | NR | | NR | |
| Number of arterial miles that is used for planning | NR | | NR | | NR | | NR | |
| Number of highway-rail intersections that agency maintains | NR | | NR | | 6 | | 12 | |
| Number of highway-rail intersections that is used for planning | NR | | NR | | NR | | NR | |
| Type of facilities used to conduct arterial management activities | | | | | | | | |
| Activities housed in a free-standing dedicated building? | No | | No | | No | | No | |
| Activities housed in a building shared with other activities? | No | | No | | No | | No | |
| Activities conducted in a dedicated control room? | No | | No | | No | | No | |
| Control room contains operator console(s)? | No | | No | | No | | No | |
| Control room contains electronic wall map? | No | | No | | No | | No | |
| Control room contains CCTV display(s)? | No | | No | | No | | No | |
| Activities conducted in a room containing workstations or PCs that manage traffic? | No | | No | | No | | No | |
| Facilities are electronically linked to other transportation mgt facilities? | No | | No | | No | | No | |
| Staffing and hours of operation of arterial management activities | | | | | | | | |
| Number of full-time agency staff members | NR | | NR | | NR | | NR | |
| Number of full time contractor staff members | NR | | NR | | NR | | NR | |
| Number of part-time agency staff members | NR | | NR | | NR | | NR | |
| Number of part-time contractor staff members | NR | | NR | | NR | | NR | |
| Staffed 24 hours day by agency staff or by others | NR | | NR | | NR | | NR | |
| Staffed during peak hours only by agency staff or by others | NR | | NR | | NR | | NR | |
| Staffed by others during off-peak hours | No | | No | | No | | No | |
| Agency staff perform transportation management as an ancillary duty | No | | No | | No | | No | |
| Agency staff dedicated to transportation management duty | No | | No | | No | | No | |
| Types of operations conducted for arterial management | | | | | | | | |
| Incident detection and management? | No | | No | | No | | No | |
| This metropolitan area? | No | | No | | No | | No | |
| Other metropolitan area? | No | | No | | No | | No | |
| Monitoring and troubleshooting status of system components? | No | | No | | No | | No | |
| Radio communications with other agencies? | No | | No | | No | | No | |
| Exchange of electronic data with other agencies such as computer aided dispatch? | No | | No | | No | | No | |
| Manual override of traffic signal timing plans | No | | No | | No | | No | |
| Operating transportation mgt roadside devices (e.g., VMS, CCTV, etc.) | No | | No | | No | | No | |

| | | State DOT- ion 11 | Newark | City(NJ) | Norwalk | c City(CT) | Ocean C | ounty(NJ) |
|---|------|----------------------|--------|----------|---------|------------|---------|-----------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Describe agency's role in traffic signal control | 1 | NR | ٢ | IR | ٩ | ١R | NR | |
| Traffic Signals Operated by Agency | | | | | | | | |
| Number of signalized intersections operated and owned by agency | NR | NR | NR | NR | NR | NR | NR | NR |
| Number of signalized intersections operated by agency but owned by another | NR | NR | NR | NR | NR | NR | NR | NR |
| Total number of signalized intersections operated by agency | NR | NR | 445 | 455 | 78 | 83 | 313 | 350 |
| Characteristics of signalized intersections that agency operates | | | | | | | | |
| Under closed loop or central system control | NR | NR | 120 | 250 | 63 | 65 | 4 | 64 |
| Under real-time traffic adaptive control using advanced software | NR | NR | 0 | 0 | 0 | 0 | 0 | 0 |
| Using SCOOT | No | | No | Ŭ | No | Ŭ | No | |
| Using SCATS | No | | No | | No | | No | |
| Name of software | | NR | N | NR | N | NR | N | IR |
| Allow signal preemption for emergency vehicles | NR | NR | 0 | 60 | 15 | 16 | 27 | 80 |
| Allow signal priority for transit vehicles | NR | NR | 0 | 60 | 7 | 8 | 0 | 0 |
| Within 200 feet of a highway-rail intersection | NR | NR | 0 | 0 | 2 | 2 | 0 | 0 |
| Within 200 feet of a highway-rail intersection that adjust signal timing | NR | NR | 1 | 20 | 1 | 1 | 0 | 0 |
| Software used to control the signals agency operates | | | | | | | | |
| Date of last upgrade to traffic signal control system software? | ١ | NR | ١ | NR | ٩ | NR | N | IR |
| How often do you update signal timing? | ٦ | NR | ١ | IR | ٢ | NR | N | IR |
| Software used and number of signalized intersections under control (1999, 2005) | 1 | NR | Ν | IR | NR | | N | IR |
| Controllers used to control signals | | | | | | | | |
| NEMA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 170/179 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2070 controller | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Technologies Associated with Highway-Rail Intersections | | | | | | | | 1 |

| 1999 NR 0 0 0 0 0 0 0 0 NR 0 0 0 0 | on 11 2005 NR 0 0 0 0 0 0 0 NR 0 0 0 0 0 0 0 0 0 0 0 0 0 | Newark 1999 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | City(NJ) 2005 1 0 0 0 0 0 0 0 NR | Norwalk 1999 NR 0 0 0 0 0 0 0 0 NR | City(CT) 2005 NR 0 0 0 0 0 0 0 0 | Ocean C 1999 NR 0 0 0 0 0 0 | ounty(NJ) 2005 NR 0 0 0 0 0 0 |
|--|---|--|--|--|---|---|---|
| NR 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | NR 0 0 0 0 0 0 0 NR | 0 0 0 0 0 0 | 1 0 0 0 0 0 0 | NR 0 0 0 0 0 0 | NR 0 0 0 0 | NR 0 0 0 0 | NR 0 0 0 0 0 0 0 |
| 0 0 0 0 0 0 NR 0 0 | 0 0 0 0 0 0 NR | 0 0 0 0 0 | | 0 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 |
| 0 0 0 0 NR 0 0 | 0 0 0 0 NR | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 0 0 0 0 NR 0 0 | 0 0 0 0 NR | 0 0 0 0 | 0 0 0 0 | 0 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 |
| 0 0 NR 0 0 0 | 0 0 0 NR | 0 0 0 | 0 0 0 | 0 0 0 | 0 | 0 | 0 |
| 0 0 NR 0 0 | 0 0 NR | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 NR 0 0 | 0 NR | 0 | 0 | 0 | ÷ | ÷ | - |
| NR 0 0 | NR | | | - | U | 0 | 0 |
| 0 0 | | NR | NR | NP | | | 0 |
| 0 0 | | NK | NR | | NR | NR | NR |
| 0 | 0 | | | INITA | NK | NK | NR |
| 0 | U | <u>^</u> | 0 | 0 | 0 | 0 | |
| - | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | - | | - | | - | - | 0 |
| - | ÷ | ÷ | ÷ | - | ÷ | ÷ | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | NR |
| | | | | | | | NR |
| NR | NR | NR | NR | NR | NR | NR | NR |
| | | | | | | | |
| NR | NR | NR | NR | NR | NR | NR | NR |
| NR | NR | NR | NR | NR | NR | NR | NR |
| | | | | | | | |
| NR | NR | 10 | 20 | 0 | 4 | NR | NR |
| NR | NR | 10 | 20 | 4 | 4 | NR | NR |
| | | | | | | | |
| | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | |
| No | | No | | No | | No | |
| - | | | | - | | - | |
| No | | No | | No | | No | |
| No | | No | | No | | No | |
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| | | State DOT- ion 11 | Newark | City(NJ) | Norwalk | Citv(CT) | Ocean (| County(NJ) |
|--|------|----------------------|--------|----------|---------|----------|---------|------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Would agency be willing to participate in testing of ITS Standards? | NR | | NR | | NR | | NR | |
| Have agreements in place with other agencies to use similar hardware | | | | | | | | |
| and software to aid maintenance and interoperability? | NR | | NR | | NR | | NR | |
| INCIDENT MANAGEMENT ON ARTERIAL STREETS | | | | | | | | |
| Receive information on highway-rail intersection crossing blockages for | | | | | | | | |
| the purpose of managing incident response? | No | | No | | No | | No | |
| Use of Service Patrols to Assist in Detection and Response to Incidents | | | | | | | | |
| Publicly operated service patrol vehicles | No | | No | | No | | No | |
| Privately operated service patrol vehicles operated under public contract | No | | No | | No | | No | |
| Total number of arterial miles patrolled by these services | NR | NR | NR | NR | NR | NR | NR | NR |
| Miles Covered by Methods to Detect and Verify Incidents | | | | | | | | |
| Free cellular phone call to a dedicated phone number other than 911 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Free cellular phone call to an area radio station | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Police patrols | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Computer algorithms linked to traffic surveillance equipment | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 24 |
| CCTV | 0 | 0 | 0 | 0 | 6 | 10 | 0 | 0 |
| Private sector sources (e.g., Shadow Traffic, Smart Routes) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Procedures in place for Arterial Incident Response? | | | | | | | | |
| Working agreement(s)/arrangement(s) with other agencies | No | | No | | No | | No | |
| Inter-agency incident management admin. team that meets regularly | No | | No | | No | | No | |
| Major incident response team that responds to major incidents | No | | No | | No | | No | |
| Set of goals/objectives for incident mgt that has been adopted by agencies in region | No | | No | | No | | No | |
| Methods of Communication Used On-Site at an Incident | | | | | | | | |
| Police | | | | | | | | |
| Two-way radio | No | | No | | No | | No | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | No | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Other | No | | No | | No | | No | |
| | | | | | | | | |
| Two-way radio | No | | No | | No | | No | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | No | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Other | No | | No | | No | | No | |

| | New York | State DOT- | | | | | | |
|--|----------|------------|--------|----------|---------|----------|---------|------------|
| | | ion 11 | Newark | City(NJ) | Norwalk | City(CT) | Ocean C | County(NJ) |
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| DOT | | | | | | | | |
| Two-way radio | No | | No | | No | | No | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | No | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Other | No | | No | | No | | No | |
| Towing | | | | | | | | |
| Two-way radio | No | | No | | No | | No | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | No | | No | | No | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Other | No | | No | | No | | No | |
| Which police agencies typically respond to incidents on arterials? | | | | | | | | 1 |
| State Police | No | | No | | No | | No | |
| County Police or Sheriff | No | | No | | No | | No | |
| City Police | No | | No | | No | | No | |
| Who provides on-site emergency medical response? | | | | | | | | |
| Fire | No | | No | | No | | No | |
| Emergency Management Service Agency | No | | No | | No | | No | |
| Private hospital | No | | No | | No | | No | |
| Has a multi-agency contact list been developed in area containing the | | | | | | | | |
| names, phone numbers, etc. for the appropriate response personnel? | NR | | NR | | NR | | NR | |
| Is the Incident Command System used to manage incident scenes? | NR | | NR | | NR | | NR | |
| Is there a legal specification by state law or formal agreement as to who | | | | | | | | 1 |
| is "in charge" at the incident scene? | | | | | | | | |
| Specified by state law? | No | | No | | No | | No | |
| Formal agreement? | No | | No | | No | | No | |
| Not specified or don't know? | No | | No | | No | | No | |
| On-scene command post used to manage activities of responding agencies? | NR | | NR | | NR | | NR | |
| Are there communication linkages to a communications traffic/freeway mgt center? | NR | | NR | | NR | | NR | |
| Plan developed and adopted by responding agencies for staging and parking | | | | | | | | |
| response vehicles and equip. at incident site that minimizes lane blockage | | | | | | | | |
| and facilitates the re-opening of lanes? | NR | | NR | | NR | | NR | |
| Respondents protected through law or court opinion for liability claims | | | | | | | | |
| for damages to vehicles or cargoes during clearance activities? | NR | | NR | | NR | | NR | |
| Are overturned tank trucks, which are intact and not leaking, uprighted | | | | | | | | |
| without first off-loading? | NR | | NR | | NR | | NR | |

| | | State DOT- on 11 | Newark | City(NJ) | Norwalk | City(CT) | Ocean C | County(NJ) |
|--|------|---------------------|--------|----------|---------|----------|---------|------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Does your state or local jurisdiction have a law that requires drivers | | | | | | | | |
| involved in property-damage-only accidents to move the vehicles | | | | | | | | |
| from travel lanes to a safe location to exchange info and wait for police? | NR | | NR | | NR | | NR | |
| Have laws or policies regarding the removal of stalled/abandoned vehicles | | | | | | | | |
| from freeway shoulders? | NR | | NR | | NR | | NR | |
| Hours abandoned vehicles are allowed to remain on a freeway shoulder? | NR | | NR | | NR | | NR | |
| Have policies or procedures for quick removal of vehicles? | NR | | NR | | NR | | NR | |
| Is Total Station equipment used to investigate major incidents? | NR | | NR | | NR | | NR | |
| Handling of Towing Responses to Incidents | | | | | | | | |
| Formal contract based on qualifications? | No | | No | | No | | No | |
| Rotation with companies under contract? | No | | No | | No | | No | |
| Separate lists kept for light and heavy response and for specialty recovery? | NR | | NR | | NR | | NR | |
| Rotation list with minimal qualifications? | No | | No | | No | | No | |
| In towing qualifications, do you require towers to be certified under the | | | | | | | | |
| Towing and Recovery Ass. of America's National Drivers Cert. Program? | NR | | NR | | NR | | NR | |
| | | | | | | | | |
| | | | | | | | | |
| DK: Don't know | | | | | | | | |
| NR: No Response | | | | | | | | |
| Leg: Legislation or action being planned | | | | | | | | |

| | Ramapo | Town(NJ) | Smithto | wn Town | Somerse | et County | Stamfor | d City(CT) |
|--|--------|----------|---------|---------|---------|-----------|---------|------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| | | | | | | | | |
| Agency Returned Survey? | Yes | | Yes | | Yes | | Yes | |
| ARTERIAL MANAGEMENT SECTION | | | | | | | | |
| Number of arterial miles that agency owns or maintains | 241 | | NR | | 245 | | NR | |
| Number of arterial miles that is used for planning | 0 | | NR | | 45 | | NR | |
| Number of highway-rail intersections that agency maintains | 0 | | NR | | 0 | | 4 | |
| Number of highway-rail intersections that is used for planning | 0 | | NR | | 39 | | NR | |
| Type of facilities used to conduct arterial management activities | | | | | | | | |
| Activities housed in a free-standing dedicated building? | No | | No | | No | | No | |
| Activities housed in a building shared with other activities? | No | | No | | Yes | | No | |
| Activities conducted in a dedicated control room? | No | | No | | No | | No | |
| Control room contains operator console(s)? | No | | No | | No | | No | |
| Control room contains electronic wall map? | No | | No | | No | | No | |
| Control room contains CCTV display(s)? | No | | No | | No | | No | |
| Activities conducted in a room containing workstations or PCs that manage traffic? | No | | No | | Yes | | No | |
| Facilities are electronically linked to other transportation mgt facilities? | No | | No | | No | | No | |
| Staffing and hours of operation of arterial management activities | | | | | | | | |
| Number of full-time agency staff members | NR | | NR | | 0 | | NR | |
| Number of full time contractor staff members | NR | | NR | | 0 | | NR | |
| Number of part-time agency staff members | NR | | NR | | 2 | | NR | |
| Number of part-time contractor staff members | NR | | NR | | 0 | | NR | |
| Staffed 24 hours day by agency staff or by others | NR | | NR | | NR | | NR | |
| Staffed during peak hours only by agency staff or by others | NR | | NR | | NR | | NR | |
| Staffed by others during off-peak hours | No | | No | | No | | No | |
| Agency staff perform transportation management as an ancillary duty | No | | No | | No | | No | |
| Agency staff dedicated to transportation management duty | No | | No | | No | | No | |
| Types of operations conducted for arterial management | | | | | | | | |
| Incident detection and management? | No | | No | | No | | No | |
| This metropolitan area? | No | | No | | No | | No | |
| Other metropolitan area? | No | | No | | No | | No | |
| Monitoring and troubleshooting status of system components? | No | | No | | Yes | | No | |
| Radio communications with other agencies? | No | | No | | No | | No | |
| Exchange of electronic data with other agencies such as computer aided dispatch? | No | | No | | Yes | | No | |
| Manual override of traffic signal timing plans | No | | No | | Yes | | No | |
| Operating transportation mgt roadside devices (e.g., VMS, CCTV, etc.) | No | | No | | No | | No | |

| | Damana | | Cresitiate | wn Town | Comoro | at Causti | Chamfan | |
|---|--|---|---|--|--|-------------------|---------|--------------------|
| | 1999 | Town(NJ) 2005 | 1999 | 2005 | 1999 | et County 2005 | 1999 | d City(CT) 2005 |
| Describe agency's role in traffic signal control | Operate s roads in the area of and | ignals on all unincorporated villages except routes. | Operate a signals on Maintain sigr road and vehicles p system on | nd maintain town roads. hals on county emergency ore-emption state roads of Smithtown. | | outes only | | NR |
| Traffic Signals Operated by Agency | | | | | | | | |
| Number of signalized intersections operated and owned by agency | NR | NR | 60 | 65 | 100 | 115 | NR | NR |
| Number of signalized intersections operated by agency but owned by another | 0 | 0 | 32 | 37 | 0 | 0 | NR | NR |
| Total number of signalized intersections operated by agency | 19 | 19 | 92 | 102 | 100 | 115 | 180 | 190 |
| Characteristics of signalized intersections that agency operates | | | | | | | | |
| Under closed loop or central system control | 19 | 19 | 7 | 4 | 2 | 5 | 120 | 150 |
| Under real-time traffic adaptive control using advanced software | 0 | 0 | 0 | NR | 0 | 0 | 0 | 0 |
| Using SCOOT | No | | No | | No | | No | - |
| Using SCATS | No | | No | | No | | No | |
| Name of software | | NR | Ν | IR | ١ | IR | ١ | NR |
| Allow signal preemption for emergency vehicles | 19 | 19 | 50 | NR | 2 | 5 | 150 | 150 |
| Allow signal priority for transit vehicles | 0 | 0 | 50 | NR | 0 | 0 | 0 | 5 |
| Within 200 feet of a highway-rail intersection | 0 | 0 | 2 | NR | 2 | 2 | 5 | 5 |
| Within 200 feet of a highway-rail intersection that adjust signal timing | 0 | 0 | 2 | NR | 0 | 0 | 5 | 5 |
| Software used to control the signals agency operates | | | | | | | | |
| Date of last upgrade to traffic signal control system software? | n | one | 19 | 998 | one | year | ١ | NR |
| How often do you update signal timing? | grour | nd loops | as neo | cessary | two | years | ٢ | NR |
| Software used and number of signalized intersections under control (1999, 2005) | | NR | - | tem Software, NR | Peek Closed Loop Mats, 15, 20 PEEK SMARTWAYS, 90, 115 | | ٦ | NR |
| Controllers used to control signals | | | | | | | | |
| NEMA | 0 | 0 | 55 | NR | 0 | 0 | 0 | 0 |
| 170/179 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2070 controller | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 21 | 0 | 100 | 115 | 0 | 0 |

| | Ramapo Town(NJ) Smithtown Town | | | | | | | |
|---|--------------------------------|------------|------------------|------------|------------------|------------|------------|-------------|
| | | | | - | | et County | | rd City(CT) |
| Total number of highway rail interportions under electronic surveillance | 1999 NR | 2005 NR | 1999 2 | 2005 NR | 1999 5 | 2005 25 | 1999 NR | 2005 NR |
| Total number of highway-rail intersections under electronic surveillance | INR | INK | 2 | INF | 5 | 20 | INF | |
| <u>Highway-Rail intersection capapbilities</u> Video surveillance | 0 | 0 | 0 | 0 | 5 | 25 | 0 | 0 |
| Electronic surveillance other than video | 0 | 0 | 0 | 0 | 5 0 | 25 0 | 0 | 0 |
| | | - | | - | | ÷ | ÷ | - |
| Ability to predict train arrival electronically | 0 | 0 | 2 | NR | 0 | 0 | 0 | 0 |
| Equipped with electronic traffic violator devices | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Real-Time Electronic Traffic Data Collection Technologies | | | | | 100 | 115 | | |
| otal number of signalized intersections covered by electronic surveillance | NR | NR | NR | NR | 100 | 115 | NR | NR |
| Number of signalized intersections with data collection technologies | | | | | | | | <u> </u> |
| Loop detectors | 0 | 0 | 0 | 0 | 95 | 90 | 0 | 0 |
| Video detection cameras | 0 | 0 | 0 | 0 | 5 | 25 | 0 | 0 |
| Probe readers reading toll tags | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Probe readers reading license plates | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Roadside Technologies used to Distribute Traveler Information | | | | | | | | |
| Number deployed | | | | | | | | |
| Highway Advisory Radio | NR | NR | NR | NR | NR | NR | NR | NR |
| In-Vehicle Signing (IVS) | NR | NR | NR | NR | NR | NR | NR | NR |
| VMS controlling parking access | NR | NR | NR | NR | NR | NR | NR | NR |
| Miles covered | | | | | | | | |
| Highway Advisory Radio | NR | NR | NR | NR | NR | NR | NR | NR |
| In-Vehicle Signing (IVS) | NR | NR | NR | NR | NR | NR | NR | NR |
| /ariable Message Signs (VMS) on Arterials | | | | | | | | |
| Candidate locations for deployment of VMS where VMS has been deployed | NR | NR | NR | NR | NR | NR | NR | NR |
| Candidate locations for deployment of VMS | NR | NR | NR | NR | NR | NR | NR | NR |
| Communication Technologies | | | | | | | | |
| Signalized intersections communicated with by each type of communication | | | | | | | | 1 |
| Twisted pair cable | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Coaxial cable | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Fiber-optic cable | 0 | 0 | 0 | 0 | 1 | 5 | 0 | 0 |
| Other (e.g., wireless, dial-up modems, leased lines, etc.) | 0 | 0 | 7 | 0 | 1 | 5 | 0 | 0 |
| Does agency convey information on highway-rail intersection crossing | | - | | - | | | - | |
| status to travelers via roadside media such as VMS or HAR? | No | | No | | No | | No | |
| TS Standards Used Related to Traffic Signal Control | | | | | | | | |
| Advanced Transportation Controller (ATC) Software Application Interface (ITE 9603-1) | No | | No | 1 | No | | No | |
| ATC Physical Cabinet Functional Design (ITE-9603-2) | No | | No | | No | | No | |
| ATC Functionality and Interface Definitions (ITE-9603-3) | No | | No | | No | | No | |
| Natl. Trans. Communications for ITS Protocol (NTCIP) Class B Profile (AASHTO TS 3.3) | No | | No | | No | | No | + |
| NTCIP Data Collection and Monitoring Devices (AASHTO TS 3.DCM) | No | | No | | No | | No | + |
| NTCIP Data Collection and Monitoring Devices (AASHTO TS 3.DCM) NTCIP Object Definitions for Video Camera Control (AASHTO TS 3.VCC) | No | | No | | No | | No | |
| NTCIP Object Definitions for Actuated Traffic Signal Controller Units (AASHTO TS 3.VCC) | No | | No | | No | | NO | - |

| | D | | 0 | | 0 | t Court | 01 | |
|--|----------|----------|----------|-----------------|------------|-------------------|----------|--------------------|
| | 1999 | Town(NJ) | 1999 | wn Town 2005 | 1999 | et County 2005 | 1999 | d City(CT) 2005 |
| Would agency be willing to participate in testing of ITS Standards? | Yes | 2005 | Yes | 2005 | Yes | 2005 | NR | 2005 |
| Have agreements in place with other agencies to use similar hardware | Tes | | 165 | - | 165 | | | |
| and software to aid maintenance and interoperability? | No | | Yes | | No | | NR | |
| INCIDENT MANAGEMENT ON ARTERIAL STREETS | NO | | 163 | | INO | | | |
| Receive information on highway-rail intersection crossing blockages for | | | | | | | | |
| the purpose of managing incident response? | No | | No | | Yes | | No | |
| Use of Service Patrols to Assist in Detection and Response to Incidents | 110 | | 110 | | 100 | | 110 | |
| Publicly operated service patrol vehicles | No | | No | | No | | No | |
| Privately operated service patrol vehicles operated under public contract | No | | No | | No | | No | |
| Total number of arterial miles patrolled by these services | NR | NR | NR | NR | NR | NR | NR | NR |
| Miles Covered by Methods to Detect and Verify Incidents | | | | | | | | |
| Free cellular phone call to a dedicated phone number other than 911 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Free cellular phone call to an area radio station | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Police patrols | 241 | 241 | 0 | 0 | 0 | 0 | 0 | 0 |
| Computer algorithms linked to traffic surveillance equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CCTV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Private sector sources (e.g., Shadow Traffic, Smart Routes) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Procedures in place for Arterial Incident Response? | | | | | | | | |
| Working agreement(s)/arrangement(s) with other agencies | No | | No | | Yes | | No | |
| Inter-agency incident management admin. team that meets regularly | No | | No | | No | | No | |
| Major incident response team that responds to major incidents | No | | No | 1 | Yes | | No | |
| Set of goals/objectives for incident mgt that has been adopted by agencies in region | No | | No | | No | | No | |
| Methods of Communication Used On-Site at an Incident | | | 110 | | 110 | | 110 | |
| Police | | | | | | | | |
| | Yes | | No | | Yes | | No | |
| Two-way radio | | | - | | | | - | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | No No | | No | | Yes Yes | | No | |
| Hand-held (i.e., walkie-talkie) | NO | | No No | | Yes | | No No | |
| Automated data systems (i.e., CAD) Other | NO | | NO | | Yes | | NO | |
| | INU | | INU | | res | | INU | |
| <u>Fire</u> | | | | | | | | |
| Two-way radio | Yes | | No | | Yes | | No | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | No | | No | | Yes | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | Yes | | No | |
| Automated data systems (i.e., CAD) | No | | No | | Yes | | No | |
| Other | No | | No | | Yes | | No | |

| | Ramapo | Town(NJ) | Smithto | wn Town | Somerse | et County | Stamfor | d City(CT) |
|--|--------|----------|---------|---------|---------|-----------|---------|------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| DOT | | | | | | | | |
| Two-way radio | No | | No | | Yes | | No | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | No | | No | | Yes | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | Yes | | No | _ |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Other | No | | No | | Yes | | No | |
| Towing | | | | | | | | |
| Two-way radio | No | | No | - | Yes | | No | |
| 800 MHz trunked radio | No | | No | | No | | No | |
| Cellular telephone | No | | No | | Yes | | No | |
| Hand-held (i.e., walkie-talkie) | No | | No | | Yes | | No | |
| Automated data systems (i.e., CAD) | No | | No | | No | | No | |
| Other | No | | No | | No | | No | |
| Nhich police agencies typically respond to incidents on arterials? | | | | | - | | | |
| State Police | Yes | | No | | Yes | | No | |
| County Police or Sheriff | Yes | | No | | No | | No | _ |
| City Police | Yes | | No | | Yes | | No | |
| Nho provides on-site emergency medical response? | | | | | | | | |
| Fire | Yes | | No | - | No | | No | |
| Emergency Management Service Agency | Yes | | No | | Yes | | No | |
| Private hospital | No | | No | | No | | No | |
| Has a multi-agency contact list been developed in area containing the | | | | | | | | |
| names, phone numbers, etc. for the appropriate response personnel? | DK | | NR | | Yes | | NR | |
| Is the Incident Command System used to manage incident scenes? | DK | | NR | | Yes | | NR | |
| s there a legal specification by state law or formal agreement as to who | | | | | | | | |
| is "in charge" at the incident scene? | | | | | | | | |
| Specified by state law? | No | | No | | Yes | | No | |
| Formal agreement? | No | | No | | No | | No | |
| Not specified or don't know? | Yes | | No | | No | | No | |
| On-scene command post used to manage activities of responding agencies? | DK | | NR | | Yes | | NR | |
| Are there communication linkages to a communications traffic/freeway mgt center? | NR | | NR | | Yes | | NR | |
| Plan developed and adopted by responding agencies for staging and parking | | | | | | | | |
| response vehicles and equip. at incident site that minimizes lane blockage | | | | | | | | |
| and facilitates the re-opening of lanes? | DK | | NR | | Yes | | NR | |
| Respondents protected through law or court opinion for liability claims | | | | | | | | |
| for damages to vehicles or cargoes during clearance activities? | DK | | NR | | DK | | NR | |
| Are overturned tank trucks, which are intact and not leaking, uprighted | | | | | | | | |
| without first off-loading? | No | | NR | | No | | NR | |

| | | T (11) | 0.111 | - | | | | |
|--|------|---------------|-------|---------|------|-----------|------|------------|
| | | Town(NJ) | | wn Town | | et County | 1 | d City(CT) |
| Deserveur state er lessi inriedistion have a laur that requires drivers | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Does your state or local jurisdiction have a law that requires drivers | | | | | | | | ╉────── |
| involved in property-damage-only accidents to move the vehicles | N - | | | | ND | | ND | |
| from travel lanes to a safe location to exchange info and wait for police? | No | | NR | | NR | | NR | |
| Have laws or policies regarding the removal of stalled/abandoned vehicles | | | | | | | | |
| from freeway shoulders? | No | | NR | | No | | NR | |
| Hours abandoned vehicles are allowed to remain on a freeway shoulder? | DK | | NR | | DK | | NR | |
| Have policies or procedures for quick removal of vehicles? | Yes | | NR | | No | | NR | |
| Is Total Station equipment used to investigate major incidents? | No | | NR | | Yes | | NR | |
| Handling of Towing Responses to Incidents | | | | | | | | |
| Formal contract based on qualifications? | Yes | | No | | No | | No | |
| Rotation with companies under contract? | No | | No | | Yes | | No | |
| Separate lists kept for light and heavy response and for specialty recovery? | NR | | NR | | Yes | | NR | |
| Rotation list with minimal qualifications? | No | | No | | No | | No | |
| In towing qualifications, do you require towers to be certified under the | | | | | | | | |
| Towing and Recovery Ass. of America's National Drivers Cert. Program? | DK | | NR | | DK | | NR | |
| | | | | | | | | |
| | | | | | | | | |
| DK: Don't know | | | | | | | | |
| NR: No Response | | | | | | | | |
| Leg: Legislation or action being planned | | | | | | | | |

| | Union City | - New Jersey | Warrer | County | Westches | ter County | То | tals |
|--|------------|--------------|--------|--------|----------|------------|-------|------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| | | | | | | | | |
| Agency Returned Survey? | Yes | | Yes | | Yes | | 35 | |
| ARTERIAL MANAGEMENT SECTION | | | | | | | | |
| Number of arterial miles that agency owns or maintains | NR | | NR | | 179 | | 8,645 | |
| Number of arterial miles that is used for planning | NR | | NR | | 20 | | 7,885 | |
| Number of highway-rail intersections that agency maintains | NR | | NR | | 0 | | 141 | |
| Number of highway-rail intersections that is used for planning | NR | | NR | | 0 | | 42 | |
| Type of facilities used to conduct arterial management activities | | | | | | | | |
| Activities housed in a free-standing dedicated building? | No | | No | | No | | 2 | |
| Activities housed in a building shared with other activities? | No | | No | | Yes | | 7 | |
| Activities conducted in a dedicated control room? | No | | No | | Yes | | 7 | |
| Control room contains operator console(s)? | No | | No | | No | | 5 | |
| Control room contains electronic wall map? | No | | No | | Yes | | 5 | |
| Control room contains CCTV display(s)? | No | | No | | No | | 3 | |
| Activities conducted in a room containing workstations or PCs that manage traffic? | No | | No | | Yes | | 10 | |
| Facilities are electronically linked to other transportation mgt facilities? | No | | No | | No | | 2 | |
| Staffing and hours of operation of arterial management activities | | | | | | | | |
| Number of full-time agency staff members | NR | | NR | | NR | | 51 | |
| Number of full time contractor staff members | NR | | NR | | NR | | 55 | |
| Number of part-time agency staff members | NR | | NR | | NR | | 2 | |
| Number of part-time contractor staff members | NR | | NR | | NR | | 0 | |
| Staffed 24 hours day by agency staff or by others | NR | | NR | | NR | | | |
| Staffed during peak hours only by agency staff or by others | NR | | NR | | NR | | 0 | |
| Staffed by others during off-peak hours | No | | No | | No | | 0 | |
| Agency staff perform transportation management as an ancillary duty | No | | No | | Yes | | 2 | |
| Agency staff dedicated to transportation management duty | No | | No | | No | | 3 | |
| Types of operations conducted for arterial management | | | | | | | | |
| Incident detection and management? | No | | No | | No | | 4 | |
| This metropolitan area? | No | | No | | No | | 4 | |
| Other metropolitan area? | No | | No | | No | | 1 | |
| Monitoring and troubleshooting status of system components? | No | | No | | Yes | | 9 | |
| Radio communications with other agencies? | No | | No | | No | | 2 | |
| Exchange of electronic data with other agencies such as computer aided dispatch? | No | | No | | No | | 1 | |
| Manual override of traffic signal timing plans | No | | No | | Yes | | 8 | |
| Operating transportation mgt roadside devices (e.g., VMS, CCTV, etc.) | No | | No | | Yes | | 5 | |

| | Union Citv | - New Jersey | Warrer | n County | Westches | ster County | Totals | |
|---|------------|--------------|----------|------------|---|---|--------|--------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Describe agency's role in traffic signal control | | NR | County r | outes only | on county ro | Traffic Signals ads, scattered nunicipalities. | | |
| Traffic Signals Operated by Agency | | | | | | | | |
| Number of signalized intersections operated and owned by agency | NR | NR | 2 | NR | 65 | 65 | 15,665 | 16,432 |
| Number of signalized intersections operated by agency but owned by another | NR | NR | NR | NR | 0 | NR | 542 | 602 |
| Total number of signalized intersections operated by agency | 150 | NR | 2 | NR | 65 | 65 | 31,702 | 29,376 |
| Characteristics of signalized intersections that agency operates | | | | | | | | |
| Under closed loop or central system control | 0 | NR | 0 | NR | 15 | 36 | 15,741 | 22,257 |
| Under real-time traffic adaptive control using advanced software | 0 | NR | 0 | NR | 0 | 21 | 0 | 126 |
| Using SCOOT | No | | No | | No | | 0 | |
| Using SCATS | No | | No | | No | | 0 | |
| Name of software | | NR | ١ | NR | ١ | NR . | | |
| Allow signal preemption for emergency vehicles | 0 | NR | 0 | NR | 0 | 0 | 1,459 | 2,261 |
| Allow signal priority for transit vehicles | 0 | NR | 0 | NR | 0 | 0 | 130 | 689 |
| Within 200 feet of a highway-rail intersection | 0 | NR | 0 | NR | 0 | 0 | 113 | 80 |
| Within 200 feet of a highway-rail intersection that adjust signal timing | 0 | NR | 0 | NR | 0 | 0 | 109 | 98 |
| Software used to control the signals agency operates | | | | | | | | |
| Date of last upgrade to traffic signal control system software? | l | NR | ١ | NR | 19 | 994 | | |
| How often do you update signal timing? | | NR | ١ | IR | | plaints from orists | | |
| Software used and number of signalized intersections under control (1999, 2005) | | NR | ٦ | IR | Quicknet 4/N 0, NYSDOT TA 32 Modified UTC | iware, 40, 10 AIST or Equal, .36 .PS Firmware, ., 20 CS System Tra- stem, 15, 0 | | |
| Controllers used to control signals | | | | | | | | |
| NEMA | 0 | 0 | 0 | 0 | 33 | 5 | 3,373 | 2,620 |
| 170/179 | 0 | 0 | 0 | 0 | 32 | 60 | 1,860 | 1,825 |
| 2070 controller | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| Other | 0 | 0 | 1 | 0 | 0 | 0 | 122 | 3,115 |

| Union City | - New Jersey | Warren County | | Westchester County | | То | tals |
|------------|--|---|---|---|---|--|--|
| 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| 0 | NR | NR | NR | NR | NR | 20 | 42 |
| | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 0 | 5 | 28 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 15 | 13 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | |
| NR | NR | NR | NR | 15 | 36 | 1,085 | 1,975 |
| | | | | | | | |
| 0 | 0 | 0 | 0 | 15 | 36 | 1,062 | 1,764 |
| 0 | 0 | 0 | 0 | 0 | 0 | 108 | 366 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | - | | - | | - | - | - |
| | | | | | | | |
| NR | NR | NR | NR | NR | NR | 32 | 45 |
| NR | NR | | NR | | NR | - | 0 |
| | | | | | | 0 | 5 |
| | | | | | | • | <u> </u> |
| 0 | NR | NR | NR | NR | NR | 143 | 226 |
| - | | | | | | 0 | 10 |
| Ű | | | | | | • | 10 |
| 0 | NR | NR | NR | 1 | 3 | 232 | 264 |
| - | | | | | - | - | 285 |
| Ű | | | | - | ů | 100 | 200 |
| | | | | | | | |
| 0 | 0 | 0 | 0 | 15 | 15 | 2 319 | 1.870 |
| - | - | - | - | - | - | | 2,801 |
| | | - | - | - | - | | 1.845 |
| ÷ | ÷ | ÷ | ÷ | | - | ÷ | 6.199 |
| | Ű | | | 0 | 21 | 0,000 | 0,100 |
| No | | No | | No | | 0 | |
| 110 | | 110 | | 110 | | 0 | |
| No | | No | | No | | 1 | |
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| | | | | | | - | |
| - | | - | | - | | - | |
| | | - | | - | | | |
| - | | - | | - | | - | |
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| | Union City | - New Jersey | Warre | n County | Westches | ster County | То | tals |
|--|------------|--------------|-------|----------|----------|-------------|------|------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Would agency be willing to participate in testing of ITS Standards? | NR | | No | | Yes | | 11 | |
| Have agreements in place with other agencies to use similar hardware | | | | | | | | |
| and software to aid maintenance and interoperability? | NR | | No | | Yes | | 9 | |
| INCIDENT MANAGEMENT ON ARTERIAL STREETS | | | | | | | | |
| Receive information on highway-rail intersection crossing blockages for | | | | | | | | |
| the purpose of managing incident response? | No | | No | | No | | 2 | |
| Use of Service Patrols to Assist in Detection and Response to Incidents | | | | | | | | |
| Publicly operated service patrol vehicles | No | | No | | No | | 2 | |
| Privately operated service patrol vehicles operated under public contract | No | | No | | No | | 0 | |
| Total number of arterial miles patrolled by these services | NR | NR | NR | NR | NR | NR | 0 | |
| Miles Covered by Methods to Detect and Verify Incidents | | | | | | | | |
| Free cellular phone call to a dedicated phone number other than 911 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 50 |
| Free cellular phone call to an area radio station | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Police patrols | 0 | 0 | 0 | 0 | 0 | 0 | 941 | 941 |
| Computer algorithms linked to traffic surveillance equipment | 0 | 0 | 0 | 0 | 0 | 0 | 143 | 429 |
| CCTV | 0 | 0 | 0 | 0 | 0 | 0 | 268 | 970 |
| Private sector sources (e.g., Shadow Traffic, Smart Routes) | 0 | 0 | 0 | 0 | 0 | 0 | 200 | 200 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 200 | 200 |
| Procedures in place for Arterial Incident Response? | | | | | | | | |
| Working agreement(s)/arrangement(s) with other agencies | No | | No | | No | | 5 | |
| Inter-agency incident management admin. team that meets regularly | No | | No | | No | | 4 | |
| Major incident response team that responds to major incidents | No | | No | | No | | 4 | |
| Set of goals/objectives for incident mgt that has been adopted by agencies in region | No | | No | | No | | 1 | |
| Methods of Communication Used On-Site at an Incident | | | | | 110 | | | |
| Police | | | | | | | | |
| Two-way radio | No | | Yes | | No | | 5 | |
| 800 MHz trunked radio | No | | No | | No | | 1 | |
| Cellular telephone | No | | No | | No | | 2 | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | 2 | |
| Automated data systems (i.e., CAD) | No | | Yes | | No | | 2 | |
| Other | No | | No | | No | | 2 | |
| Fire | | | | | | | | |
| Two-way radio | No | | Yes | | No | | 4 | |
| 800 MHz trunked radio | No | | No | | No | | 1 | |
| Cellular telephone | No | | No | | No | | 1 | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | 1 | |
| Automated data systems (i.e., CAD) | No | | No | | No | | 1 | |
| Other | No | | No | | No | | 2 | |

| | | | | | | | _ | |
|--|------|--------------|------|------|--------------------|------|------|------|
| | | - New Jersey | | | Westchester County | | | tals |
| 207 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| <u>DOT</u> | | - | | - | | | | |
| Two-way radio | No | | Yes | | No | | 5 | |
| 800 MHz trunked radio | No | | No | | No | | 1 | |
| Cellular telephone | No | | Yes | | No | | 5 | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | 1 | |
| Automated data systems (i.e., CAD) | No | | No | | No | | 0 | |
| Other | No | | No | | No | | 2 | |
| <u>Towing</u> | | | | | | | | |
| Two-way radio | No | | No | | No | | 1 | |
| 800 MHz trunked radio | No | | No | | No | | 0 | |
| Cellular telephone | No | | Yes | | No | | 2 | |
| Hand-held (i.e., walkie-talkie) | No | | No | | No | | 1 | |
| Automated data systems (i.e., CAD) | No | | No | | No | | 0 | |
| Other | No | | No | | No | | 0 | |
| Which police agencies typically respond to incidents on arterials? | | | | | | | | |
| State Police | No | | Yes | | No | | 4 | |
| County Police or Sheriff | No | | No | | No | | 4 | |
| City Police | No | | Yes | | No | | 5 | |
| Nho provides on-site emergency medical response? | | | | | | | | |
| Fire | No | | No | | No | | 4 | |
| Emergency Management Service Agency | No | | No | | No | | 2 | |
| Private hospital | No | | No | | No | | 1 | |
| Has a multi-agency contact list been developed in area containing the | | | | | | | | |
| names, phone numbers, etc. for the appropriate response personnel? | NR | | No | | NR | | 4 | |
| s the Incident Command System used to manage incident scenes? | NR | | No | | NR | | 2 | |
| s there a legal specification by state law or formal agreement as to who | | | | | | | | |
| is "in charge" at the incident scene? | | | | | | | | |
| Specified by state law? | No | | Yes | | No | | 2 | |
| Formal agreement? | No | | No | | No | | 0 | |
| Not specified or don't know? | No | | No | | No | | 6 | |
| On-scene command post used to manage activities of responding agencies? | NR | | DK | | NR | | 3 | |
| Are there communication linkages to a communications traffic/freeway mgt center? | NR | | NR | | NR | | 3 | |
| Plan developed and adopted by responding agencies for staging and parking | | | | | | | | |
| response vehicles and equip. at incident site that minimizes lane blockage | | | | | | | | |
| and facilitates the re-opening of lanes? | NR | | DK | | NR | | 2 | |
| Respondents protected through law or court opinion for liability claims | | | | | | | | |
| for damages to vehicles or cargoes during clearance activities? | NR | | DK | | NR | | 0 | |
| Are overturned tank trucks, which are intact and not leaking, uprighted | | | | | | | | |
| without first off-loading? | NR | | NR | | NR | | 1 | |

| | 1 | | | | 1 | | 1 | |
|--|-------------------------|------|---------------|------|--------------------|------|--------|------|
| | | | | | | | | |
| | Union City - New Jersey | | Warren County | | Westchester County | | Totals | |
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Does your state or local jurisdiction have a law that requires drivers | | | | | | | | |
| involved in property-damage-only accidents to move the vehicles | | | | | | | | |
| from travel lanes to a safe location to exchange info and wait for police? | NR | | NR | | NR | | 0 | |
| Have laws or policies regarding the removal of stalled/abandoned vehicles | | | | | | | | |
| from freeway shoulders? | NR | | NR | | NR | | 3 | |
| Hours abandoned vehicles are allowed to remain on a freeway shoulder? | NR | | DK | | NR | | 0 | |
| Have policies or procedures for quick removal of vehicles? | NR | | NR | | NR | | 3 | |
| Is Total Station equipment used to investigate major incidents? | NR | | DK | | NR | | 1 | |
| Handling of Towing Responses to Incidents | | | | | | | | |
| Formal contract based on qualifications? | No | | No | | No | | 2 | |
| Rotation with companies under contract? | No | | No | | No | | 2 | |
| Separate lists kept for light and heavy response and for specialty recovery? | NR | | NR | | NR | | 1 | |
| Rotation list with minimal qualifications? | No | | No | | No | | 1 | |
| In towing qualifications, do you require towers to be certified under the | | | | | | | | |
| Towing and Recovery Ass. of America's National Drivers Cert. Program? | NR | | NR | | NR | | 1 | |
| | | | | | | | | |
| | | | | | | | | |
| DK: Don't know | | | | | | | | |
| NR: No Response | | | | | | | | |
| Leg: Legislation or action being planned | | | | | | | | |

Appendix G Arterial Management Integration

| | Baby | ylon Town | Ba | yonne City(NJ) |
|--|------------------------|------------------------|-------------|----------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Agency Returned Survey? | Yes | | Yes | |
| Arterial Management Section | | | | |
| Arterial Mgt. agencies in metropolitan area with which you share info. | | | | |
| Share Timing Plans Information | | | | |
| | Huntington Town, Islip | | | |
| | Town, Suffolk County | Suffolk County | None listed | None listed |
| Coordinate Changes to Timing Plans | | · · | | |
| | | | | |
| | Huntington Town, Islip | Huntington Town, Islip | | |
| | Town, Suffolk County | Town, Suffolk County | None listed | None listed |
| Turn over Control of Signals | | | | |
| | | | | |
| | Suffolk County | Suffolk County | None listed | None listed |
| Agencies your agency provides arterial travel times, speeds, and | | | | |
| conditions information, share infrastructure or coordinates operation | | | | |
| Freeway Management Agencies | | | | |
| Provide Information | | | | |
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| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
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| | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | None listed | Nama listad | Name Kated | None listed |
| Insident Management Agencies | None listed | None listed | None listed | None listed |
| Incident Management Agencies | | | | |

| | В | Babylon Town | Ba | yonne City(NJ) |
|-----------------------------------|-------------|--------------|-------------|----------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Provide Information | | | | |
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| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Public Transit Operators Agencies | | | | |
| Provide Information | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Arterial Management Agencies | | | | |
| Provide Information | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |

| | B | abylon Town | Ва | yonne City(NJ) |
|---|-------------|-------------|--------------|----------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Receiving real-time information via electronic means from others | | | | |
| Freeway Management agencies from which your agency receives | | | | |
| | | | | |
| | | | | |
| | | | | |
| freeway travel times, speeds, and conditions | None listed | None listed | short survey | None listed |
| Public Transit operators from which your agency receives | | | | |
| | | | | |
| | | | | |
| arterial travel times derived from vehicle probes | None listed | None listed | None listed | None listed |
| Incident Management agencies from which your agency receives | | | | |
| incident clearance and/or incident severity, location, and type information | | | | |
| | | | | |
| | | | | |
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| | | | | |
| | | | | |
| Receive information on Incident Clearance | None listed | None listed | None listed | None listed |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Receive information on Incident Severity, Location, and Type | None listed | None listed | None listed | None listed |
| Toll Collection agencies from which your agency receives arterial travel | | | | |
| | | | | |
| times derived from vehicles probes | None listed | None listed | None listed | None listed |
| Arterial Incident Management Section | | | | |
| Agencies your agency provides incident severity, location, and type info. | | | | |
| and/or shares infrastructure and/or coordinates operation | | | | |
| Emergency Management Agencies | | | | |
| Provide Information | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |

| | В | abylon Town | Bay | onne City(NJ) |
|--|-------------|-------------|--------------|---------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | None listed | None listed | None listed | None listed |
| Freeway Management Agencies | | | | |
| Provide Information | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | None listed |
| | None listed | None listed | None listed | None listed |
| Public Transit Operators | | | | |
| Provide Information | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | None listed | None listed | None listed | None listed |
| Receiving real-time information via electronic means from others | | | | |
| Emergency Management agencies from which your agency receives | | | | |
| arterial incident clearance and/or arterial incident severity | | | | |
| Receive Arterial Incident Clearance Information | None listed | None listed | None listed | None listed |
| Receive Arterial Incident Severity Information | None listed | None listed | None listed | None listed |
| Arterial Management agencies from which your agency receives | | | | |
| | | | | |
| arterial travel times, speeds, and conditions | None listed | None listed | short survey | None listed |
| Freeway Management agencies from which your agency receives | | | | |
| | | | | |
| freeway travel times, speeds, and conditions | None listed | None listed | None listed | None listed |

*short survey: Agency responded using a short survey. The survey did not include names of individual agencies, but only identified whether integration exists.

| | Berg | gen County(NJ) | Brid | geport City(CT) |
|--|-------------|----------------|-------------|-----------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Agency Returned Survey? | Yes | | Yes | |
| Arterial Management Section | | | | |
| Arterial Mgt. agencies in metropolitan area with which you share info. | | | | |
| Share Timing Plans Information | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Changes to Timing Plans | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Turn over Control of Signals | | | | |
| | None listed | None listed | None listed | None listed |
| Agencies your agency provides arterial travel times, speeds, and | | | | |
| <u>conditions information, share infrastructure or coordinates operation</u> | | | | |
| Freeway Management Agencies | | | | |
| Provide Information | | | | |
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| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Incident Management Agencies | | | | |

| | Berg | gen County(NJ) | Bric | Bridgeport City(CT) | | |
|-----------------------------------|--------------|----------------|--------------|---------------------|--|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | | |
| Provide Information | | | | | | |
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| | Niewe Beterd | Nama Katad | Niewe Keterl | Niewe Keterl | | |
| Share Infrastructure | None listed | None listed | None listed | None listed | | |
| Share mindshuckure | | | | | | |
| | | | | | | |
| | | | | | | |
| | None listed | None listed | None listed | None listed | | |
| Coordinate Operation | | | | | | |
| | | | | | | |
| | | | | | | |
| | Niewe Beterd | Nama Katad | Niewe Keterl | Niewe Keterl | | |
| Public Transit Operators Agencies | None listed | None listed | None listed | None listed | | |
| Provide Information | | | | | | |
| | | | | | | |
| | None listed | None listed | None listed | None listed | | |
| Share Infrastructure | | | | | | |
| | | | | | | |
| | None listed | None listed | None listed | None listed | | |
| Coordinate Operation | | | | | | |
| | | | | | | |
| | | | | | | |
| | None listed | None listed | None listed | None listed | | |
| Arterial Management Agencies | | | | | | |
| Provide Information | | | | | | |
| | | | | | | |
| | | | | | | |
| | None listed | None listed | None listed | None listed | | |
| Share Infrastructure | | | | | | |
| | | | | | | |
| | | | | | | |
| | None listed | None listed | None listed | None listed | | |

| | Berg | gen County(NJ) | Brid | geport City(CT) |
|---|--------------|----------------|-------------|-----------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Receiving real-time information via electronic means from others | | | | |
| Freeway Management agencies from which your agency receives | | | | |
| | | | | |
| | | | | |
| | | | | |
| freeway travel times, speeds, and conditions | None listed | None listed | None listed | None listed |
| Public Transit operators from which your agency receives | | | | |
| | | | | |
| | | | | |
| arterial travel times derived from vehicle probes | None listed | None listed | None listed | None listed |
| Incident Management agencies from which your agency receives | | | | None listed |
| incident clearance and/or incident severity, location, and type information | | | | |
| ,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | |
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| | | | | |
| Receive information on Incident Clearance | None listed | None listed | None listed | None listed |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Receive information on Incident Severity, Location, and Type | None listed | None listed | None listed | None listed |
| Toll Collection agencies from which your agency receives arterial travel | | | | |
| | | | | |
| | | | | |
| times derived from vehicles probes | None listed | None listed | None listed | None listed |
| Arterial Incident Management Section | | | | |
| Agencies your agency provides incident severity, location, and type info. | | | | |
| and/or shares infrastructure and/or coordinates operation | | | | |
| Emergency Management Agencies | | | | |
| Provide Information | | | | |
| | Nama lista d | Nama Kata d | None list | Nama Kat-d |
| Share Infrastructure | None listed | None listed | None listed | None listed |
| | None listed | None listed | None listed | None listed |

| | Berg | gen County(NJ) | Brid | Bridgeport City(CT) | |
|--|-------------|----------------|-------------|---------------------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| Coordinate Operation | None listed | None listed | None listed | None listed | |
| Freeway Management Agencies | | | | | |
| Provide Information | | | | | |
| | None listed | None listed | None listed | None listed | |
| Share Infrastructure | None listed | None listed | None listed | None listed | |
| Coordinate Operation | | | | None listed | |
| | None listed | None listed | None listed | None listed | |
| Public Transit Operators | | | | | |
| Provide Information | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Share Infrastructure | | | | | |
| | None listed | None listed | None listed | None listed | |
| Coordinate Operation | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Receiving real-time information via electronic means from others | | | | | |
| Emergency Management agencies from which your agency receives | | | | | |
| arterial incident clearance and/or arterial incident severity | | | | | |
| Receive Arterial Incident Clearance Information | None listed | None listed | None listed | None listed | |
| Receive Arterial Incident Severity Information | None listed | None listed | None listed | None listed | |
| Arterial Management agencies from which your agency receives | | | | | |
| | | | | | |
| arterial travel times, speeds, and conditions | None listed | None listed | None listed | None listed | |
| Freeway Management agencies from which your agency receives | | | | | |
| Theory management ageneres non miner your agency receives | | | | | |
| freeway travel times, speeds, and conditions | None listed | None listed | None listed | None listed | |

*short survey: Agency responded using a short survey. The survey did not include names of individual agencies, but only identified whether integration exists.

| | CI | lifton City(NJ) | Connecticut Depa | rtment of Transportation(CT) |
|--|-------------|----------------------|---------------------|------------------------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Agency Returned Survey? | Yes | | Yes | |
| Arterial Management Section | | | | |
| Arterial Mgt. agencies in metropolitan area with which you share info. | | | | |
| Share Timing Plans Information | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Changes to Timing Plans | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | short survey | None listed |
| Turn over Control of Signals | | | | |
| | None listed | None listed | None listed | None listed |
| Agencies your agency provides arterial travel times, speeds, and | | | | |
| <u>conditions information, share infrastructure or coordinates operation</u> | | | | |
| Freeway Management Agencies | | | | |
| Provide Information | | | | |
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| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | | | | |
| | | Caltrans District 4, | | |
| | None listed | TravInfo | Caltrans District 4 | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | None listed | Caltrans District 4 | Caltrans District 4 | None listed |
| Incident Management Agencies | | | | |

| | Cli | ifton City(NJ) | Connecticut Department of Transportation(CT) | |
|---|------------------|---|--|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Provide Information | | | | |
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| | | Caltrans District 4, | | |
| | Muni | TravInfo | Caltrans District 4 | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | | | | |
| | | | | |
| | Muni | Caltrans District 4 | Caltrans District 4 | None listed |
| Coordinate Operation | | | | |
| | | | | |
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| | N 4 mm | Oslitarian District 4 | Oslitara District 4 | Nama Katad |
| Public Transit Onerators Amonsias | Muni | Caltrans District 4 | Caltrans District 4 | None listed |
| Public Transit Operators Agencies Provide Information | | | | |
| | | Bay Area Rapid Transit District, San Mateo | Santa Clara County | |
| | AC Transit, Muni | County Transit District | Transit | None listed |
| Share Infrastructure | | | | |
| | | | Santa Clara County | |
| | None listed | Muni | Transit | None listed |
| Coordinate Operation | | | | |
| · | | AC Transit, Bay Area | | |
| | | Rapid Transit District, | | |
| | | Muni, San Mateo County | Santa Clara County | |
| | None listed | Transit District | Transit | None listed |
| Arterial Management Agencies | | | | |
| Provide Information | | | | |
| | | | Coltrana District 1 | |
| | | Caltrans District 4, | Caltrans District 4, Fremont City, San Jose | |
| | None listed | TravInfo | City, Santa Clara County | None listed |
| Share Infrastructure | | | eng, cunta olara olaria | |
| | | | Coltropo District 4 | |
| | | | Caltrans District 4, Fremont City, San Jose | |
| | None listed | Caltrans District 4 | City, Santa Clara County | None listed |
| | | | Sity, Sunta Siara Sounty | |

| | CI | lifton City(NJ) | Connecticut Departme | Connecticut Department of Transportation(CT) | |
|---|---------------|---------------------|----------------------------------|--|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| Coordinate Operation | | | | | |
| | | | | | |
| | | | Caltrans District 4, | | |
| | | | Fremont City, San Jose | | |
| | None listed | Caltrans District 4 | City, Santa Clara County | None listed | |
| Receiving real-time information via electronic means from others | | | | | |
| Freeway Management agencies from which your agency receives | | | | | |
| | | | | | |
| | | | | | |
| | | | Caltrans District 4, Silicon | | |
| freeway travel times, speeds, and conditions | None listed | Caltrans District 4 | Valley Partners | None listed | |
| Public Transit operators from which your agency receives | | | | | |
| | | | | | |
| | | | | Santa Clara County | |
| arterial travel times derived from vehicle probes | None listed | None listed | None listed | Santa Clara County Transit | |
| Incident Management agencies from which your agency receives | inorie listeu | | | Tansit | |
| incident management agencies norm which your agency receives | | | | | |
| modelit olearance and of modelit severity, robation, and type mornation | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | Optimum District (| | |
| Receive information on Incident Clearance | None listed | Caltrans District 4 | Caltrans District 4, TravInfo | None listed | |
| | inorie listed | Califans District 4 | Travillio | None listed | |
| | | | | | |
| | | | | | |
| | | | | Oaltana District 4 | |
| Dessive information on Insident Severity Leastion, and Type | None listed | Caltrans District 4 | None listed | Caltrans District 4, TravInfo | |
| Receive information on Incident Severity, Location, and Type Toll Collection agencies from which your agency receives arterial travel | inorie listed | Califans District 4 | | Πανίπο | |
| Ton conection agencies from which your agency receives alterial traver | | | | | |
| | | | | | |
| times derived from vehicles probes | None listed | None listed | None listed | None listed | |
| Arterial Incident Management Section | | | | | |
| Agencies your agency provides incident severity, location, and type info. | | | | | |
| and/or shares infrastructure and/or coordinates operation | | | | | |
| Emergency Management Agencies | | | | | |
| Provide Information | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Share Infrastructure | None listed | None listed | None listed | None listed | |

| | С | lifton City(NJ) | Connecticut Department of Transportation(C | |
|--|-------------|-----------------|--|--------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | None listed | None listed | None listed | None listed |
| Freeway Management Agencies | | | | |
| Provide Information | | | | |
| | None listed | None listed | Caltrans District 4 | None listed |
| Share Infrastructure | None listed | None listed | Caltrans District 4 | None listed |
| Coordinate Operation | None listed | | | |
| | None listed | None listed | Caltrans District 4 | None listed |
| Public Transit Operators | | | | |
| Provide Information | | | | |
| | None listed | None listed | Santa Clara County Transit | None listed |
| Share Infrastructure | | | | |
| | None listed | None listed | Santa Clara County Transit | None listed |
| Coordinate Operation | | | | |
| | None listed | None listed | Santa Clara County Transit | None listed |
| Receiving real-time information via electronic means from others | | | | |
| Emergency Management agencies from which your agency receives | | | | |
| arterial incident clearance and/or arterial incident severity | | | | |
| Receive Arterial Incident Clearance Information | None listed | None listed | None listed | None listed |
| Receive Arterial Incident Severity Information | None listed | None listed | None listed | None listed |
| Arterial Management agencies from which your agency receives | | | | |
| | | | Jose City, Santa Clara County, Silicon Valley | |
| arterial travel times, speeds, and conditions | None listed | None listed | Partners | Fremont City |
| Freeway Management agencies from which your agency receives | | | | |
| freeway travel times, speeds, and conditions | None listed | None listed | Caltrans District 4 | None listed |

*short survey: Agency responded using a short survey. The survey did not include names of individual agencies, but only identified whether integration exists.

| | East Ora | nge City(NJ) | Elizabeth City(NJ) | |
|--|---------------|----------------------------|--------------------|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Agency Returned Survey? | Yes | | Yes | |
| Arterial Management Section | | | | |
| Arterial Mgt. agencies in metropolitan area with which you share info. | | | | |
| Share Timing Plans Information | | | | |
| | | | | |
| | short survey | None listed | None listed | None listed |
| Coordinate Changes to Timing Plans | | | | |
| | | | | |
| | | | | |
| | short survey | None listed | None listed | None listed |
| Turn over Control of Signals | | | | |
| | None listed | None listed | None listed | None listed |
| Agencies your agency provides arterial travel times, speeds, and | | | | |
| conditions information, share infrastructure or coordinates operation | | | | |
| Freeway Management Agencies | | | | |
| Provide Information | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | | | | |
| | | Caltrans District 4, Smart | | |
| | Corridor Team | Corridor Team | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | | Caltrans District 4, Smart | | |
| | None listed | Corridor Team | None listed | None listed |
| Incident Management Agencies | | | | |

| | East Ora | ange City(NJ) | Elizabeth City(NJ) | | |
|-----------------------------------|--|---|--------------------|-------------|--|
| Agency Name | 1999 | 2005 | 1999 2005 | | |
| Provide Information | | | | | |
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| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | None listed | Caltrans District 4 | None listed | None listed | |
| Share Infrastructure | | | | | |
| | | | | | |
| | | | | | |
| | Smart Corridor Team | Caltrans District 4, Smart Corridor Team | None listed | None listed | |
| Coordinate Operation | Smart Comdor Team | | None listed | None listed | |
| | | | | | |
| | | | | | |
| | | Caltrans District 4, Smart | | | |
| | Smart Corridor Team | Corridor Team | None listed | None listed | |
| Public Transit Operators Agencies | | | | | |
| Provide Information | | | | | |
| | Santa Clara County | | | | |
| | Transit | None listed | None listed | None listed | |
| Share Infrastructure | Santa Clara County | Santa Clara County | | | |
| | Santa Clara County Transit | Santa Clara County Transit | None listed | None listed | |
| Coordinate Operation | | | | | |
| | | | | | |
| | | | | | |
| | | Santa Clara County | | | |
| | None listed | Transit | None listed | None listed | |
| Arterial Management Agencies | | | | | |
| Provide Information | | | | | |
| | Caltrans District 4, San Jose City, Campbell City | , | | | |
| | Milpitas City, Los Gatos | , | | | |
| | City | None listed | None listed | None listed | |
| Share Infrastructure | | Caltrans District 4, San | | | |
| | | Jose City, Campbell City, | | | |
| | San Jose City, Campbel | | | | |
| | City, Milpitas City | City | None listed | None listed | |

| | East | Orange City(NJ) | Elizabeth City(NJ) | |
|---|-------------|--------------------------|--------------------|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | | Caltrans District 4, San | | |
| | | Jose City, Santa Clara | | |
| | | County, Campbell City, | | |
| | | Milpitas City, Los Gatos | | |
| | None listed | City | None listed | None listed |
| Receiving real-time information via electronic means from others | | | | |
| Freeway Management agencies from which your agency receives | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| freeway travel times, speeds, and conditions | None listed | None listed | None listed | None listed |
| Public Transit operators from which your agency receives | | | | |
| | | | | |
| | | | | |
| arterial travel times derived from vehicle probes | None listed | None listed | None listed | None listed |
| Incident Management agencies from which your agency receives | | | | |
| incident clearance and/or incident severity, location, and type information | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Receive information on Incident Clearance | None listed | None listed | None listed | None listed |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Possive information on Incident Severity Leastion, and Type | None listed | None listed | None listed | None listed |
| Receive information on Incident Severity, Location, and Type Toll Collection agencies from which your agency receives arterial travel | None listed | | None listed | None listed |
| ron conection agencies from which your agency receives afterial travel | | | | |
| | | | | |
| times derived from vehicles probes | None listed | None listed | None listed | None listed |
| Arterial Incident Management Section | | | | |
| Agencies your agency provides incident severity, location, and type info. | | | | |
| and/or shares infrastructure and/or coordinates operation | | | | |
| Emergency Management Agencies | | | | |
| | | | | |
| Provide Information | | | | |
| | None listed | None listed | abort auriyay | None listed |
| Share Infractructure | None listed | None listed | short survey | |
| Share Infrastructure | None listed | None listed | None listed | None listed |

| | East | Orange City(NJ) | Elizabeth City(NJ) | |
|--|--------------|-----------------|---------------------|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | None listed | None listed | None listed | None listed |
| Freeway Management Agencies | | | | |
| Provide Information | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| Occurring to Occurring | None listed | None listed | None listed | None listed |
| Coordinate Operation | None listed | None listed | None listed | None listed |
| Public Transit Operators | | | | |
| Provide Information | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Receiving real-time information via electronic means from others | | | | |
| Emergency Management agencies from which your agency receives | | | | |
| arterial incident clearance and/or arterial incident severity | Niewe Beterd | None Bated | a la auto a un cara | News Retail |
| Receive Arterial Incident Clearance Information | None listed | None listed | short survey | None listed |
| Receive Arterial Incident Severity Information | None listed | None listed | short survey | None listed |
| Arterial Management agencies from which your agency receives | | | | |
| | News Retail | Norse Bate d | Niewe Beterd | Norra Ratad |
| arterial travel times, speeds, and conditions | None listed | None listed | None listed | None listed |
| Freeway Management agencies from which your agency receives | | | | |
| freeway travel times, speeds, and conditions | None listed | None listed | short survey | None listed |

*short survey: Agency responded using a short survey. The survey did not include names of individual agencies, but only identified whether integration exists.

| | Fairfield | Town(CT) | Greenburgh Town | |
|--|--------------------------|--------------------------|-----------------|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Agency Returned Survey? | Yes | | Yes | |
| Arterial Management Section | | | | |
| Arterial Mgt. agencies in metropolitan area with which you share info. | | | | |
| Share Timing Plans Information | | | | |
| | Connecticut Department | | | |
| | of Transportation(CT) | None listed | None listed | None listed |
| Coordinate Changes to Timing Plans | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Turn over Control of Signals | | | | |
| | None listed | None listed | None listed | None listed |
| Agencies your agency provides arterial travel times, speeds, and | None listed | None listed | None listed | |
| conditions information, share infrastructure or coordinates operation | | | | |
| | | | | |
| Freeway Management Agencies | | | | |
| Provide Information | | | | |
| | | | | |
| | | | | |
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| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | Washington State | Washington State | | |
| | Department of | Department of | | |
| | Transportation Northwest | Transportation Northwest | | |
| | Region, Tacoma Fire | Region, Tacoma Fire | | |
| | Department | Department | None listed | None listed |
| Coordinate Operation | | | | |
| | Washington State | Washington State | | |
| | Department of | Department of | | |
| | Transportation Northwest | Transportation Northwest | | |
| | Region | Region | None listed | None listed |
| Incident Management Agencies | | | | |

| | Fairfield | Town(CT) | Greenburgh Town | |
|-----------------------------------|---|---|-----------------|---|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Provide Information | | | | |
| | | | | |
| | | | | |
| | | | | |
| | Washington State | Washington State | | |
| | Department of | Department of | | |
| | Transportation Northwest | Transportation Northwest | | |
| | | Region, Washington State | | Arizona Department of |
| Share Infrastructure | Patrol | Patrol | None listed | Transportation |
| | Washington State | Washington State | | |
| | Department of Transportation Northwest | Department of Transportation Northwest | | |
| | Region, Washington State | | | |
| | Patrol | Patrol | None listed | None listed |
| Coordinate Operation | Washington State | Washington State | | |
| | Department of Transportation Northwest | Department of Transportation Northwest | | |
| | | Region, Washington State | | |
| | Patrol | Patrol | None listed | None listed |
| Public Transit Operators Agencies | | | | |
| Provide Information | | | | |
| | Pierce Transit, Washington State Ferries | Pierce Transit, Washington State Ferries | None listed | Regional Public Transportation Authority |
| Share Infrastructure | | Washington State Ferries | | |
| | | | | |
| | Washington State Ferries | Washington State Ferries | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | | Pierce Transit, | | |
| | Washington State Ferries | Washington State Ferries | None listed | None listed |
| Arterial Management Agencies | | | | |
| Provide Information | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |

| | Fairfield | Town(CT) | Greenburgh Town | |
|---|--|---|--------------------------|---------------------------|
| Agency Name | 1999 2005 | | 1999 2005 | |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | Name Kated | Niewe Beterd | Nama Katad | Nama Katad |
| Receiving real-time information via electronic means from others | None listed | None listed | None listed | None listed |
| Freeway Management agencies from which your agency receives | | | | |
| reeway management agencies nom which your agency receives | | | | |
| | Washington State | Washington State | | |
| | Department of Transportation Northwest | Department of Transportation Northwest | | |
| | Region, Washington State | | Arizona Department of | Arizona Department of |
| freeway travel times, speeds, and conditions | Patrol | Patrol | Transportation | Transportation |
| Public Transit operators from which your agency receives | | | | |
| ······································ | | | | |
| | | | Regional Public | Regional Public |
| arterial travel times derived from vehicle probes | None listed | None listed | Transportation Authority | Transportation Authority |
| Incident Management agencies from which your agency receives | | | ranoportation rationaly | Transportation / lationty |
| incident clearance and/or incident severity, location, and type information | | | | |
| ,,,,,,,,,,,,,,,,,,,,,,, | | | | |
| | | | | |
| | | | | |
| | Washington State | Washington State | | |
| | Department of | Department of Transportation Northwest | | |
| | Transportation Northwest Region, Washington State | | | Arizona Department of |
| Receive information on Incident Clearance | Patrol | Patrol | None listed | Transportation |
| | | | | |
| | Washington State | Washington State | | |
| | Department of | Department of | | |
| | Transportation Northwest | Transportation Northwest Region, Washington State | | |
| Receive information on Incident Severity, Location, and Type | Patrol | Patrol | None listed | None listed |
| Toll Collection agencies from which your agency receives arterial travel | | | | |
| Ton concerter agencies nom which your agency recertes a tenar haven | | | | |
| | | | | |
| times derived from vehicles probes | None listed | None listed | None listed | None listed |
| Arterial Incident Management Section | | | | |
| Agencies your agency provides incident severity, location, and type info. | | | | |
| and/or shares infrastructure and/or coordinates operation | | | | |
| Emergency Management Agencies | | | | |
| Provide Information | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | None listed | None listed | None listed | None listed |

| | Fai | rfield Town(CT) | Gre | enburgh Town |
|--|-------------|-----------------|-------------|--------------------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | None listed | None listed | None listed | None listed |
| Freeway Management Agencies | | | | |
| Provide Information | | | | |
| | | | | Arizona Department of |
| | None listed | None listed | None listed | Transportation |
| Share Infrastructure | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | None listed | None listed | None listed | None listed |
| Public Transit Operators | | | | |
| Provide Information | | | | |
| | | | | Regional Public |
| | None listed | None listed | None listed | Transportation Authority |
| Share Infrastructure | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Receiving real-time information via electronic means from others | | | | |
| Emergency Management agencies from which your agency receives | | | | |
| arterial incident clearance and/or arterial incident severity | | | | |
| Receive Arterial Incident Clearance Information | None listed | None listed | None listed | None listed |
| Receive Arterial Incident Severity Information | None listed | None listed | None listed | None listed |
| Arterial Management agencies from which your agency receives | | | | |
| | | | | Glendale City, Mesa City |
| | | | | Arizona Department of |
| arterial travel times, speeds, and conditions | None listed | None listed | None listed | Transportation |
| Freeway Management agencies from which your agency receives | | | | |
| | | | | Arizona Department of |
| freeway travel times, speeds, and conditions | None listed | None listed | None listed | Transportation |

*short survey: Agency responded using a short survey. The survey did not include names of individual agencies, but only identified whether integration exists.

| Agency Name 1999 2005 1999 2005 Agency Name Ves | | Greenwich | n Town(CT) | Hudson County(NJ) | |
|--|--|-------------------------|-------------------------|-------------------|-------------|
| Arterial Management Section Image of the metropolitan area with which you share info. Image of the metropolitan area with which you share info. Share Timing Plans Information None listed None listed Short survey None listed Coordinate Changes to Timing Plans Greenwich Town(CT) None listed Short survey None listed Turn over Control of Signals Greenwich Town(CT) None listed None listed None listed Agencies your agency provides arterial travel times, speeds, and conditions information, share infrastructure or coordinates operation Freeway Management Agencies Image of the metropy of the state of the state of the metropy of the state of the metropy of the state | Agency Name | 1999 | 2005 | 1999 | 2005 |
| Atterial Mct. agencies in metropolitan area with which you share info. Image is in metropolitan area with which you share info. Image is information Image is information <th< td=""><td>Agency Returned Survey?</td><td>Yes</td><td></td><td>Yes</td><td></td></th<> | Agency Returned Survey? | Yes | | Yes | |
| Share Timing Plans Information None listed None listed short survey None listed Coordinate Changes to Timing Plans Greenwich Town(CT) None listed short survey None listed Turn over Control of Signals Greenwich Town(CT) None listed None listed None listed Agencies your agency provides arterial travel times, speeds, and Mone listed None listed None listed Agencies your agency provides arterial travel times, speeds, and Mone listed None listed None listed Prowary Management Agencies Imagenent Agencies Imagenent Agencies Imagenetics Imagenetics Provide Information Imagenetics Imagenetics Imagenetics Imagenetics Imagenetics Share Infrastructure Kone listed None listed None listed None listed None listed Share Infrastructure None listed None listed None listed None listed None listed Coordinate Operation None listed None listed None listed None listed None listed | Arterial Management Section | | | | |
| None listed None listed short survey None listed Coordinate Changes to Timing Plans Greenwich Town(CT) None listed short survey None listed Turn over Control of Signals Greenwich Town(CT) None listed None listed None listed Agencies your agency provides arterial travel times, speeds, and Image is the infrastructure or coordinates operation Image is the infrastructure or coordinates operation None listed None listed None listed Freeway Management Agencies Image is the infrastructure or coordinates operation Image is the infrastructure of its the infrastructure Image is the infrastructure of its the infrastructure Image is the infrastructure Image is the infrastructure of its the infrastructure Image is the infrastructure of its | Arterial Mgt. agencies in metropolitan area with which you share info. | | | | |
| Coordinate Changes to Timing Plans Greenwich Town(CT) None listed short survey None listed Turn over Control of Signals None listed None listed None listed None listed Agencies your agency provides arterial travel times, speeds, and Image: Conditions information, share infrastructure or coordinates operation Image: Conditions information information Image: Conditions information | Share Timing Plans Information | | | | |
| Coordinate Changes to Timing Plans Greenwich Town(CT) None listed short survey None listed Turn over Control of Signals None listed None listed None listed None listed Agencies your agency provides arterial travel times, speeds, and Image: Conditions information, share infrastructure or coordinates operation Image: Conditions information information Image: Conditions information | | | | | |
| Greenwich Town(CT) None listed short survey None listed Turn over Control of Signals None listed None listed None listed Agencies your agency provides arterial travel times, speeds, and Image: Conditions information, share infrastructure or coordinates operation Image: Condition information, share infrastructure or coordinates operation Image: Condition information, share infrastructure or coordinates operation Image: Condition information, share infrastructure or coordinates operation Image: Condition information, share infrastructure or coordinates operation Image: Condition information, share infrastructure or coordinates operation Image: Condition information, share infrastructure or coordinates operation Image: Condition information, share infrastructure or coordinates operation Image: Condition information, share infrastructure Image: Condition inform | | None listed | None listed | short survey | None listed |
| Turn over Control of Signals None listed None listed None listed None listed Agencies your agency provides arterial travel times, speeds, and Image: Conditions information, share infrastructure or coordinates operation Image: Conditions information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information information Image: Condit | Coordinate Changes to Timing Plans | | | | |
| Turn over Control of Signals None listed None listed None listed None listed Agencies your agency provides arterial travel times, speeds, and Image: Conditions information, share infrastructure or coordinates operation Image: Conditions information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information information Image: Condit | | | | | |
| Turn over Control of Signals None listed None listed None listed None listed Agencies your agency provides arterial travel times, speeds, and Image: Conditions information, share infrastructure or coordinates operation Image: Conditions information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information Image: Condition information information Image: Condit | | | | | |
| None listed None listed None listed None listed None listed None listed None listed None listed Agencies your agency provides arterial travel times, speeds, and | | Greenwich Town(CT) | None listed | short survey | None listed |
| Agencies your agency provides arterial travel times, speeds, and Image: Ima | Turn over Control of Signals | | | | |
| Agencies your agency provides arterial travel times, speeds, and Image: Ima | | None listed | None listed | None listed | None listed |
| | Agencies your agency provides arterial travel times, speeds, and | | | | |
| Freeway Management Agencies Image: Consecticut Department of Transportation Image: Connecticut Department of Transportation None listed None listed Provide Information Connecticut Department of Transportation(CT) None listed None listed None listed Share Infrastructure None listed None listed None listed None listed None listed Coordinate Operation Minnesota Department of Transportation Minnesota Department of Transportation None listed None listed | | | | | |
| Provide Information Connecticut Department of Transportation(CT) None listed None listed None listed Share Infrastructure None listed None listed None listed None listed None listed Coordinate Operation Minnesota Department of Transportation Minnesota Department of Transportation None listed None listed | | | | | |
| Connecticut Department of Transportation(CT) None listed None listed None listed Share Infrastructure None listed None listed None listed None listed None listed None listed None listed Coordinate Operation None listed None listed None listed Minnesota Department of Transportation Minnesota Department of Transportation None listed None listed | | | | | |
| of Transportation(CT) None listed None listed None listed Share Infrastructure None listed None listed None listed None listed None listed None listed None listed None listed None listed None listed Coordinate Operation Minnesota Department of Transportation Minnesota Department of Transportation None listed None listed None listed | | | | | |
| of Transportation(CT) None listed None listed None listed Share Infrastructure None listed None listed None listed None listed None listed None listed None listed None listed None listed None listed Coordinate Operation Minnesota Department of Transportation Minnesota Department of Transportation None listed None listed None listed | | | | | |
| of Transportation(CT) None listed None listed None listed Share Infrastructure None listed None listed None listed None listed None listed None listed None listed None listed None listed None listed Coordinate Operation Minnesota Department of Transportation Minnesota Department of Transportation None listed None listed None listed | | | | | |
| of Transportation(CT) None listed None listed None listed Share Infrastructure None listed None listed None listed None listed None listed None listed None listed None listed None listed None listed Coordinate Operation Minnesota Department of Transportation Minnesota Department of Transportation None listed None listed None listed | | | | | |
| of Transportation(CT) None listed None listed None listed Share Infrastructure None listed None listed None listed None listed None listed None listed None listed None listed None listed None listed Coordinate Operation Minnesota Department of Transportation Minnesota Department of Transportation None listed None listed None listed | | | | | |
| of Transportation(CT) None listed None listed None listed Share Infrastructure None listed None listed None listed None listed None listed None listed None listed None listed None listed None listed Coordinate Operation Minnesota Department of Transportation Minnesota Department of Transportation None listed None listed None listed | | | | | |
| of Transportation(CT) None listed None listed None listed Share Infrastructure None listed None listed None listed None listed None listed None listed None listed None listed None listed None listed Coordinate Operation Minnesota Department of Transportation Minnesota Department of Transportation None listed None listed None listed | | | | | |
| Share Infrastructure None listed None listed None listed None listed None Operation None listed None listed None listed None listed Minnesota Department of Transportation Minnesota Department of Transportation None listed None listed | | | None listed | None listed | None listed |
| None listed None listed None listed None listed Coordinate Operation Minnesota Department of Transportation Minnesota Department of Transportation None listed None listed | Share Infrastructure | | | None listed | |
| Coordinate Operation Minnesota Department of Transportation Minnesota Department of Transportation None listed | | | | | |
| Coordinate Operation Minnesota Department of Transportation Minnesota Department of Transportation None listed | | | | | |
| Coordinate Operation Minnesota Department of Transportation Minnesota Department of Transportation None listed | | | | | |
| Coordinate Operation Minnesota Department of Transportation Minnesota Department of Transportation None listed | | None listed | None listed | None listed | None listed |
| Minnesota Department of Minnesota Department of Transportation Transportation None listed None listed | Coordinate Operation | | | | |
| Transportation Transportation None listed None listed | ······································ | | | | |
| Transportation Transportation None listed None listed | | Minnopoto Doportmont of | Minnopoto Doportment of | | |
| | | | | None listed | None listed |
| | Incident Management Agencies | Παποροιτατίοπ | | | |

| | Gree | nwich Town(CT) | Hud | Ison County(NJ) |
|-----------------------------------|---------------|----------------|-------------|-----------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Provide Information | | | | |
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| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | | | | |
| | | | | |
| Coordinate Operation | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Public Transit Operators Agencies | | | | |
| Provide Information | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | None listed | | |
| | | | | |
| | | | | |
| | | | | |
| | Metro Transit | Metro Transit | None listed | None listed |
| Arterial Management Agencies | | | | |
| Provide Information | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |

| | Greenwich | n Town(CT) | Hudson County(NJ) | |
|---|----------------|-------------------------|-------------------|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | | Minnesota Department of | | |
| | Transportation | Transportation | None listed | None listed |
| Receiving real-time information via electronic means from others | | | | |
| Freeway Management agencies from which your agency receives | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | Minnesota Department of | NI 11 1 | |
| freeway travel times, speeds, and conditions | Transportation | Transportation | None listed | None listed |
| Public Transit operators from which your agency receives | | | | |
| | | | | |
| | | | | |
| arterial travel times derived from vehicle probes | None listed | None listed | None listed | None listed |
| Incident Management agencies from which your agency receives | | | | |
| incident clearance and/or incident severity, location, and type information | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Receive information on Incident Clearance | None listed | None listed | None listed | None listed |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Receive information on Incident Severity, Location, and Type | None listed | None listed | None listed | None listed |
| Toll Collection agencies from which your agency receives arterial travel | | | | |
| | | | | |
| dense destructions estimates and a | Novo Boto d | Niewe Beterd | Nama Katad | Nama Katad |
| times derived from vehicles probes | None listed | None listed | None listed | None listed |
| Arterial Incident Management Section | | | | |
| Agencies your agency provides incident severity, location, and type info. | | | | |
| and/or shares infrastructure and/or coordinates operation | | | | |
| Emergency Management Agencies | | | | |
| Provide Information | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | None listed | None listed | None listed | None listed |

| | Gree | enwich Town(CT) | Hudson County(NJ) | |
|--|-------------|-----------------|-------------------|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | None listed | None listed | None listed | None listed |
| Freeway Management Agencies | | | | |
| Provide Information | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | None listed | None listed |
| | None listed | None listed | None listed | None listed |
| Public Transit Operators | | | | |
| Provide Information | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Receiving real-time information via electronic means from others | | | | |
| Emergency Management agencies from which your agency receives | | | | |
| arterial incident clearance and/or arterial incident severity | | | | |
| Receive Arterial Incident Clearance Information | None listed | None listed | None listed | None listed |
| Receive Arterial Incident Severity Information | None listed | None listed | None listed | None listed |
| Arterial Management agencies from which your agency receives | | | | |
| | | | | |
| arterial travel times, speeds, and conditions | None listed | None listed | None listed | None listed |
| Freeway Management agencies from which your agency receives | | | | |
| freeway travel times, speeds, and conditions | None listed | None listed | None listed | None listed |

*short survey: Agency responded using a short survey. The survey did not include names of individual agencies, but only identified whether integration exists.

| | Hunterdo | on County | Jersey City(NJ) | | |
|--|--------------------------|--------------------------|-----------------|-------------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| Agency Returned Survey? | Yes | | Yes | | |
| Arterial Management Section | | | | | |
| Arterial Mgt. agencies in metropolitan area with which you share info. | | | | | |
| Share Timing Plans Information | | | | | |
| | New Jersey Department of | New Jersey Department of | | | |
| | Transportation(NJ) | | short survey | None listed | |
| Coordinate Changes to Timing Plans | | | | | |
| | | | | | |
| | New Jersey Department of | New Jersey Department of | | | |
| | Transportation(NJ) | Transportation(NJ) | short survey | None listed | |
| Turn over Control of Signals | | | | | |
| | | New Jersey Department of | | | |
| | Transportation(NJ) | Transportation(NJ) | None listed | None listed | |
| Agencies your agency provides arterial travel times, speeds, and | | | | | |
| conditions information, share infrastructure or coordinates operation | | | | | |
| Freeway Management Agencies | | | | | |
| Provide Information | | | | | |
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| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Share Infrastructure | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Coordinate Operation | | | | | |
| | | | | | |
| | | | | | |
| | Caltrans District 8 | Caltrans District 8 | None listed | None listed | |
| | | | | | |

| Agency Name Provide Information | 1999 | erdon County 2005 | 1999 | ersey City(NJ) 2005 |
|---|---------------------|---------------------|-------------|---------------------|
| Provide Information | | | | |
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| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | | | | |
| | | | | |
| Coordinate Operation | None listed | None listed | None listed | None listed |
| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Public Transit Operators Agencies Provide Information | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| Coordinate Operation | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| Autorial Management Association | None listed | None listed | None listed | None listed |
| Arterial Management Agencies Provide Information | | | | |
| | | | | |
| | | | | |
| | | | | |
| Objects lafes developed | Caltrans District 8 | Caltrans District 8 | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |

| | Hunt | erdon County | Je | Jersey City(NJ) | |
|---|---------------------|---------------------|--------------|-----------------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| Coordinate Operation | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | Caltrans District 8 | Caltrans District 8 | None listed | None listed | |
| Receiving real-time information via electronic means from others | | | | | |
| Freeway Management agencies from which your agency receives | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| freeway travel times, speeds, and conditions | None listed | None listed | short survey | None listed | |
| Public Transit operators from which your agency receives | | None listed | Short Survey | | |
| r abile transic operators non which your agency receives | | | | | |
| | | | | | |
| autorial travel times devived from vehicle probas | None listed | None listed | None listed | None listed | |
| arterial travel times derived from vehicle probes Incident Management agencies from which your agency receives | None listed | None listed | None listed | None listed | |
| incident clearance and/or incident severity, location, and type information | | | | | |
| medent clearance and/or medent seventy, location, and type mormation | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Receive information on Incident Clearance | None listed | None listed | None listed | None listed | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Receive information on Incident Severity, Location, and Type | None listed | None listed | None listed | None listed | |
| Toll Collection agencies from which your agency receives arterial travel | | | | | |
| | | | | | |
| | | | | | |
| times derived from vehicles probes | None listed | None listed | None listed | None listed | |
| Arterial Incident Management Section | | | | | |
| Agencies your agency provides incident severity, location, and type info. | | | | | |
| and/or shares infrastructure and/or coordinates operation | | | | | |
| Emergency Management Agencies | | | | | |
| Provide Information | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Share Infrastructure | None listed | None listed | None listed | None listed | |

| | Hur | nterdon County | Je | Jersey City(NJ) | |
|--|-------------|----------------|-------------|-----------------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| Coordinate Operation | None listed | None listed | None listed | None listed | |
| Freeway Management Agencies | | | | | |
| Provide Information | | | | | |
| | None listed | None listed | None listed | None listed | |
| Share Infrastructure | Nove Reted | Nama Katad | Name Keterl | News Refer | |
| Occurding to Occuration | None listed | None listed | None listed | None listed | |
| Coordinate Operation | None listed | None listed | None listed | None listed | |
| Public Transit Operators | | | | | |
| Provide Information | | | | | |
| | None listed | None listed | None listed | None listed | |
| Share Infrastructure | | | | | |
| | None listed | None listed | None listed | None listed | |
| Coordinate Operation | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Receiving real-time information via electronic means from others | | | | | |
| Emergency Management agencies from which your agency receives | | | | | |
| arterial incident clearance and/or arterial incident severity | | | | | |
| Receive Arterial Incident Clearance Information | None listed | None listed | None listed | None listed | |
| Receive Arterial Incident Severity Information | None listed | None listed | None listed | None listed | |
| Arterial Management agencies from which your agency receives | | | | | |
| | | | | | |
| arterial travel times, speeds, and conditions | None listed | None listed | None listed | None listed | |
| Freeway Management agencies from which your agency receives | | | | | |
| freeway travel times, speeds, and conditions | None listed | None listed | None listed | None listed | |

*short survey: Agency responded using a short survey. The survey did not include names of individual agencies, but only identified whether integration exists.

| | Middl | esex County(NJ) | Мо | unt Vernon City |
|--|--------------|-----------------|-------------|-----------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Agency Returned Survey? | Yes | | Yes | |
| Arterial Management Section | | | | |
| Arterial Mgt. agencies in metropolitan area with which you share info. | | | | |
| Share Timing Plans Information | | | | |
| | | | | |
| | short survey | None listed | None listed | None listed |
| Coordinate Changes to Timing Plans | | | | |
| | | | | |
| | | | | |
| Turn over Central of Circala | short survey | None listed | None listed | None listed |
| Turn over Control of Signals | | | | |
| | None listed | None listed | None listed | None listed |
| Agencies your agency provides arterial travel times, speeds, and | | | | |
| conditions information, share infrastructure or coordinates operation | | | | |
| Freeway Management Agencies | | | | |
| Provide Information | | | | |
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| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Incident Management Agencies | | | | |

| | Middle | esex County(NJ) | Мо | unt Vernon City |
|-----------------------------------|-------------|-----------------|-------------|-----------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Provide Information | | | | |
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| | | | | |
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| | | | | |
| | | | | |
| | | | | |
| Chara Infrastructure | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | | | | |
| Public Transit Operators Agencies | None listed | None listed | None listed | None listed |
| Provide Information | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Arterial Management Agencies | | | | |
| Provide Information | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |

| | Middl | lesex County(NJ) | Мо | Mount Vernon City | |
|---|--------------|------------------|-------------|-------------------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| Coordinate Operation | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Receiving real-time information via electronic means from others | | | | | |
| Freeway Management agencies from which your agency receives | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| freeway travel times, speeds, and conditions | None listed | None listed | None listed | None listed | |
| Public Transit operators from which your agency receives | | | | | |
| | | | | | |
| | | | | | |
| arterial travel times derived from vehicle probes | None listed | None listed | None listed | None listed | |
| Incident Management agencies from which your agency receives | | | | | |
| incident clearance and/or incident severity, location, and type information | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Receive information on Incident Clearance | None listed | None listed | None listed | None listed | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Receive information on Incident Severity, Location, and Type | None listed | None listed | None listed | None listed | |
| Toll Collection agencies from which your agency receives arterial travel | | | | | |
| | | | | | |
| times deviced from which a method | Nama lists d | None list | Nama Bata d | Nama Kata d | |
| times derived from vehicles probes | None listed | None listed | None listed | None listed | |
| Arterial Incident Management Section Agencies your agency provides incident severity, location, and type info. | | | | | |
| | | | | | |
| and/or shares infrastructure and/or coordinates operation | | | | | |
| Emergency Management Agencies | | | | | |
| Provide Information | | | | | |
| | Nono listed | None listed | None listed | None listed | |
| Share Infrastructure | None listed | | | | |
| | None listed | None listed | None listed | None listed | |

| | Midd | lesex County(NJ) | Мо | unt Vernon City |
|--|--------------|------------------|-------------|-----------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | None listed | None listed | None listed | None listed |
| Freeway Management Agencies | | | | |
| Provide Information | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | None listed | None listed | None listed | None listed |
| Public Transit Operators | | | | |
| Provide Information | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Receiving real-time information via electronic means from others | | | | |
| Emergency Management agencies from which your agency receives | | | | |
| arterial incident clearance and/or arterial incident severity | | | | |
| Receive Arterial Incident Clearance Information | None listed | None listed | None listed | None listed |
| Receive Arterial Incident Severity Information | None listed | None listed | None listed | None listed |
| Arterial Management agencies from which your agency receives | | | | |
| | | | | |
| arterial travel times, speeds, and conditions | None listed | None listed | None listed | None listed |
| | | NUTE listed | | |
| Freeway Management agencies from which your agency receives | | | | |
| freeway travel times, speeds, and conditions | None listed | None listed | None listed | None listed |
| neeway uavei unies, speeds, and conditions | inone listed | None listed | None listed | none listed |

| | Na | assau County | New Jersey Department of Transportation(NJ) | | |
|--|-------------|--------------|--|-------------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| Agency Returned Survey? | Yes | | Yes | | |
| Arterial Management Section | | | | | |
| Arterial Mgt. agencies in metropolitan area with which you share info. | | | | | |
| Share Timing Plans Information | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Coordinate Changes to Timing Plans | | | | | |
| | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Turn over Control of Signals | | | | | |
| | None listed | None listed | None listed | None listed | |
| Agencies your agency provides arterial travel times, speeds, and | | | | | |
| conditions information, share infrastructure or coordinates operation | | | | | |
| Freeway Management Agencies | | | | | |
| Provide Information | None listed | None listed | Transportation(NJ), New Jersey Turnpike Authority(NJ), New Jersey Highway Authority(NJ), Port Authority of New Yor and New Jersey, Bergen County Police Department, New York State Police, TRANSCOM | | |
| Share Infrastructure | | | | | |
| | None listed | None listed | None listed | None listed | |
| Coordinate Operation | | | | | |
| | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Incident Management Agencies | | | | | |

| | Na | assau County | New Jersey Department of Transportation(NJ) | |
|-----------------------------------|-------------|--------------|--|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Provide Information | None listed | Nonolistad | New Jersey Highway Authority(NJ), New Jersey Turnpike Authority(NJ), New Jersey Department o Transportation(NJ), Port Authority of New York and New Jersey, New York State Police Department, Bergen County Police Department, TRANSCOM | f |
| Share Infrastructure | None listed | None listed | Department, TRANSCOM | None listed |
| | | | | |
| Coordinate Operation | None listed | None listed | None listed | None listed |
| | None listed | None listed | None listed | None listed |
| Public Transit Operators Agencies | | | | |
| Provide Information | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | None listed | None listed | None listed | None listed |
| Arterial Management Agencies | | | | |
| Provide Information | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | None listed | None listed | None listed | None listed |

| | Nassau | ı County | New Jersey Department of Transportation(NJ) | |
|---|--------------------------|--------------------------|---|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | | | | |
| Dessiving real time information via electronic means from others | None listed | None listed | None listed | None listed |
| Receiving real-time information via electronic means from others Freeway Management agencies from which your agency receives | | | | |
| Freeway management agencies from which your agency receives | | | | |
| | | | | |
| | | | | |
| | New York City Department | New York City Department | | |
| freeway travel times, speeds, and conditions | of Transportation | of Transportation | short survey | None listed |
| Public Transit operators from which your agency receives | | | | |
| | | | | |
| | | | | |
| arterial travel times derived from vehicle probes | None listed | None listed | None listed | None listed |
| Incident Management agencies from which your agency receives | | | | |
| incident clearance and/or incident severity, location, and type information | | | | |
| | | | New Jersey State Police, | |
| | | | New Jersey Turnpike | |
| | | | Authority(NJ), Port | |
| | | | Authority of New York and | |
| | | | New Jersey, TRANSCOM, | |
| | | | New Jersey Highway | |
| Receive information on Incident Clearance | None listed | None listed | Authority(NJ) | None listed |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Receive information on Incident Severity, Location, and Type | None listed | None listed | None listed | None listed |
| Toll Collection agencies from which your agency receives arterial travel | | | | |
| | | | | |
| times derived from vehicles probes | None listed | None listed | None listed | None listed |
| Arterial Incident Management Section | | | | |
| Agencies your agency provides incident severity, location, and type info. | | | | |
| and/or shares infrastructure and/or coordinates operation | | | | |
| Emergency Management Agencies | | | | |
| Provide Information | | | Bergen County Police | |
| | | | Department (NJ), New | |
| | None listed | None listed | Jersey State Police | None listed |
| Share Infrastructure | None listed | None listed | None listed | None listed |

| | Na | Nassau County | | New Jersey Department of Transportation(NJ | |
|--|-------------|---------------|-------------------------|--|--|
| gency Name | 1999 | 2005 | 1999 | 2005 | |
| Coordinate Operation | None listed | None listed | None listed | None listed | |
| reeway Management Agencies | | | | | |
| Provide Information | | | | | |
| | None listed | None listed | short survey | None listed | |
| Share Infrastructure | | | | | |
| | None listed | None listed | None listed | None listed | |
| Coordinate Operation | | | | | |
| | None listed | None listed | None listed | None listed | |
| Public Transit Operators | | | | | |
| Provide Information | | | | | |
| | None listed | None listed | None listed | None listed | |
| Share Infrastructure | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Coordinate Operation | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| ceiving real-time information via electronic means from others | | | | | |
| mergency Management agencies from which your agency receives | | | | | |
| arterial incident clearance and/or arterial incident severity | | | | | |
| Receive Arterial Incident Clearance Information | None listed | None listed | New Jersey State Police | None listed | |
| Receive Arterial Incident Severity Information | None listed | None listed | New Jersey State Police | None listed | |
| rterial Management agencies from which your agency receives | | | | | |
| | | | | | |
| arterial travel times, speeds, and conditions | None listed | None listed | None listed | None listed | |
| | | | | | |
| reeway management agencies nom which your agency receives | | | | | |
| freeway travel times speeds and conditions | None listed | None listed | None listed | None listed | |
| reeway Management agencies from which your agency receives freeway travel times, speeds, and conditions | None listed | None | listed | listed None listed | |

| | New Jersey | Highway Authority(NJ) | Ne | w Rochelle City |
|--|--------------|-----------------------|-------------|-----------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Agency Returned Survey? | Yes | | Yes | |
| Arterial Management Section | | | | |
| Arterial Mgt. agencies in metropolitan area with which you share info. | | | | |
| Share Timing Plans Information | | | | |
| | | | | |
| | short survey | None listed | None listed | None listed |
| Coordinate Changes to Timing Plans | | | | |
| | | | | |
| | | | | |
| Turn over Control of Signals | short survey | None listed | None listed | None listed |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Agencies your agency provides arterial travel times, speeds, and | | | | |
| conditions information, share infrastructure or coordinates operation | | | | |
| Freeway Management Agencies | | | | |
| Provide Information | | | | |
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| | | | | |
| | | | | |
| | | | | |
| | short survey | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Incident Management Agencies | | | | |

| | New Jersey | y Highway Authority(NJ) | Ne | New Rochelle City | |
|-----------------------------------|-------------|-------------------------|-------------|-------------------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| Provide Information | | | | | |
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| | | | | | |
| | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Share Infrastructure | | | | | |
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| | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Coordinate Operation | | | | | |
| | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Public Transit Operators Agencies | | | | | |
| Provide Information | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Share Infrastructure | | | | | |
| | | | | | |
| Occurring to Occurring | None listed | None listed | None listed | None listed | |
| Coordinate Operation | | | | | |
| | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Arterial Management Agencies | | | | | |
| Provide Information | | | | | |
| | | | | | |
| | | | | | |
| | N 1 12 - 4 | Nama Kata d | None list | Nama linta d | |
| Share Infrastructure | None listed | None listed | None listed | None listed | |
| | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| | none iisteu | | | | |

| | New Jersey | Highway Authority(NJ) | Nev | w Rochelle City |
|---|-------------|-----------------------|-------------|-----------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Receiving real-time information via electronic means from others | | | | |
| Freeway Management agencies from which your agency receives | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| freeway travel times, speeds, and conditions | None listed | None listed | None listed | None listed |
| Public Transit operators from which your agency receives | | | | |
| | | | | |
| | | | | |
| arterial travel times derived from vehicle probes | None listed | None listed | None listed | None listed |
| Incident Management agencies from which your agency receives | | | | |
| incident clearance and/or incident severity, location, and type information | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Receive information on Incident Clearance | None listed | None listed | None listed | None listed |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Receive information on Incident Severity, Location, and Type | None listed | None listed | None listed | None listed |
| Toll Collection agencies from which your agency receives arterial travel | | | | |
| | | | | |
| times derived from vahialas probas | Nono listad | None listed | None listed | None listed |
| times derived from vehicles probes Arterial Incident Management Section | None listed | | | |
| Arterial incloent management Section Agencies your agency provides incident severity, location, and type info. | | | | |
| and/or shares infrastructure and/or coordinates operation | | | | |
| | | | | |
| Emergency Management Agencies | | | | |
| Provide Information | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | None listed | | | |
| | None listed | None listed | None listed | None listed |

| | New Jersey | / Highway Authority(NJ) | Nev | w Rochelle City |
|--|--------------|-------------------------|-------------|-----------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | None listed | None listed | None listed | None listed |
| Freeway Management Agencies | | | | |
| Provide Information | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | None listed | None listed | None listed | None listed |
| Coordinate Operation | | None listed | | None listed |
| | None listed | None listed | None listed | None listed |
| Public Transit Operators | | | | |
| Provide Information | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | Novo Botod | Nama Batad | None listed | Nova Batad |
| Receiving real-time information via electronic means from others | None listed | None listed | None listed | None listed |
| Emergency Management agencies from which your agency receives | | | | |
| arterial incident clearance and/or arterial incident severity | | | | |
| Receive Arterial Incident Clearance Information | short survey | None listed | None listed | None listed |
| Receive Arterial Incident Severity Information | short survey | None listed | None listed | None listed |
| Arterial Management agencies from which your agency receives | | | | |
| | | | | |
| arterial travel times, speeds, and conditions | None listed | None listed | None listed | None listed |
| Freeway Management agencies from which your agency receives | | | | |
| | | | | |
| freeway travel times, speeds, and conditions | None listed | None listed | None listed | None listed |

| | New Yo | New York City DOT | | New York City DOT for Queens County | |
|--|----------------------------------|-------------------|---------------|-------------------------------------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| Agency Returned Survey? | Yes | | Yes | | |
| Arterial Management Section | | | | | |
| Arterial Mgt. agencies in metropolitan area with which you share info. | | | | | |
| Share Timing Plans Information | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Coordinate Changes to Timing Plans | | | | | |
| | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Turn over Control of Signals | | | | | |
| | None listed | None listed | None listed | None listed | |
| Agencies your agency provides arterial travel times, speeds, and | | | | | |
| _conditions information, share infrastructure or coordinates operation | | | | | |
| Freeway Management Agencies | | | | | |
| Provide Information | | | | | |
| I Tovide Information | | | | | |
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| | | | | | |
| | | | | | |
| | New York State DOT- Region 11 | None listed | None listed | None listed | |
| Share Infrastructure | | | | | |
| | | | | | |
| | | | | | |
| | New York State DOT- | | | | |
| | Region 11 | TRANSCOM | None listed | None listed | |
| Coordinate Operation | | TRAINSCOW | None listed | None listed | |
| | | | | | |
| | | | | | |
| | New York State DOT- Region 11 | None listed | None listed | None listed | |
| | | | INCOLE INSIEC | | |

| | New Yo | ork City DOT | New York City DOT for Queens County | |
|-----------------------------------|---------------------|----------------------------|-------------------------------------|--------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Provide Information | | | | |
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| | | | | |
| | | | | |
| | | | | |
| | New York State DOT- | Port Authority of New York | | |
| | Region 11 | | short survey | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | | | | |
| | New York State DOT- | | | |
| | Region 11 | Transcom | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | New York State DOT- | Port Authority of New York | | |
| | Region 11 | | None listed | None listed |
| Public Transit Operators Agencies | | | | |
| Provide Information | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Arterial Management Agencies | | | | |
| Provide Information | | | | |
| | | | | |
| | | | | |
| | None Kated | None listed | Nona liatad | Nono listad |
| Share Infrastructure | None listed | None listed | None listed | None listed |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| | None listed | None listed | mone listed | inone listed |

| | New Yo | ork City DOT | New York City DOT for Queens County | |
|---|---------------------|----------------------------|-------------------------------------|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Receiving real-time information via electronic means from others | | | | |
| Freeway Management agencies from which your agency receives | | | | |
| | | | | |
| | | | | |
| | | Port Authority of New York | | |
| | New York State DOT- | and New Jersey, | | |
| freeway travel times, speeds, and conditions | Region 11 | Transcom | None listed | None listed |
| Public Transit operators from which your agency receives | | | | |
| | | | | |
| | | | | |
| arterial travel times derived from vehicle probes | None listed | Green Bus Lines | None listed | None listed |
| Incident Management agencies from which your agency receives | | | | |
| incident clearance and/or incident severity, location, and type information | | | | |
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| | | | | |
| | | | | |
| Receive information on Incident Clearance | None listed | Nonelistad | None listed | Nonelioted |
| Receive information on incident Clearance | None listed | None listed | None listed | None listed |
| | | | | |
| | | | | |
| | | | | |
| | New York State DOT- | | | |
| Receive information on Incident Severity, Location, and Type | Region 11 | None listed | None listed | None listed |
| Toll Collection agencies from which your agency receives arterial travel | | | | |
| | | | | |
| | | | | |
| times derived from vehicles probes | None listed | None listed | None listed | None listed |
| Arterial Incident Management Section | | | | |
| Agencies your agency provides incident severity, location, and type info. | | | | |
| and/or shares infrastructure and/or coordinates operation | | | | |
| Emergency Management Agencies | | | | |
| Provide Information | | | | |
| | | | | |
| | None listed | None listed | short survey | None listed |
| Share Infrastructure | None listed | None listed | None listed | None listed |

| | New Yo | ork City DOT | New York City DOT for Queens County | |
|---|----------------------------------|---|-------------------------------------|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | None listed | None listed | None listed | None listed |
| Freeway Management Agencies | | | | |
| Provide Information | New York State DOT- Region 11 | Port Authority of New York and New Jersey, Transcom | None listed | None listed |
| Share Infrastructure | New York State DOT- Region 11 | None listed | None listed | None listed |
| Coordinate Operation | New York State DOT- Region 11 | Port Authority of New York and New Jersey | | None listed |
| Public Transit Operators | | | | |
| Provide Information | None listed | Green Bus Lines, New York City Transit Authority | None listed | None listed |
| Share Infrastructure | None listed | Green Bus Lines, New York City Transit Authority | | None listed |
| Coordinate Operation | None listed | Green Bus Lines, New York City Transit Authority | None listed | None listed |
| Receiving real-time information via electronic means from others | | | | |
| Emergency Management agencies from which your agency receives | | | | |
| arterial incident clearance and/or arterial incident severity Receive Arterial Incident Clearance Information | New York City Police | None listed | short survey | None listed |
| Receive Arterial Incident Severity Information | New York City Police | | short survey | None listed |
| Arterial Management agencies from which your agency receives | | | , | |
| | | | | |
| arterial travel times, speeds, and conditions | None listed | None listed | None listed | None listed |
| Freeway Management agencies from which your agency receives | | | | |
| freeway travel times, speeds, and conditions | None listed | New York State DOT, Transcom | None listed | None listed |

| | New York State D | OT-Hudson Valley Region 8 | New York State DOT-Long Island Region 10 | |
|--|------------------|---------------------------|---|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Agency Returned Survey? | Yes | | Yes | |
| Arterial Management Section | | | | |
| Arterial Mgt. agencies in metropolitan area with which you share info. | | | | |
| Share Timing Plans Information | | | | |
| | | | | |
| | short survey | None listed | None listed | None listed |
| Coordinate Changes to Timing Plans | | | | |
| | | | | |
| | | Nexe listed | Brookhaven Town, Suffolk County, Nassau County | |
| Turn over Control of Signals | short survey | None listed | County, Nassau County | None listed |
| | | | | |
| | short survey | None listed | None listed | None listed |
| Agencies your agency provides arterial travel times, speeds, and | | | | |
| conditions information, share infrastructure or coordinates operation | | | | |
| Freeway Management Agencies | | | | |
| Provide Information | | | | |
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| | | | | |
| | | | | |
| | short survey | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | New York State | |
| | | | Department of | |
| | | | Transportation, | |
| | None listed | None listed | | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Incident Management Agencies | | | | |

| | New York State D | OT-Hudson Valley Region 8 | New York State | New York State DOT-Long Island Region 10 | |
|-----------------------------------|--------------------|---------------------------|----------------------------------|--|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| Provide Information | | | | | |
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| | also at a constant | Niewe Beterd | Nama Katad | None Refer | |
| Share Infrastructure | short survey | None listed | None listed | None listed | |
| | | | | | |
| | | | New York State | | |
| | | | Department of Transportation, | | |
| | None listed | None listed | TRANSCOM | None listed | |
| Coordinate Operation | | | | | |
| | | | | | |
| | | | | | |
| | N | | | | |
| Public Transit Operators Agencies | None listed | None listed | None listed | None listed | |
| Provide Information | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Share Infrastructure | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Coordinate Operation | | | | | |
| | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Arterial Management Agencies | | | | | |
| Provide Information | | | | | |
| | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Share Infrastructure | | | | | |
| | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |

| | New York State D | OT-Hudson Valley Region 8 | New York State DOT-Long Island Region 10 | |
|---|------------------|---------------------------|--|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Receiving real-time information via electronic means from others | | | | |
| Freeway Management agencies from which your agency receives | | | | |
| | | | | |
| | | | | |
| | | | | |
| freeway travel times, speeds, and conditions | None listed | None listed | None listed | None listed |
| Public Transit operators from which your agency receives | | | | |
| | | | | |
| | | | | |
| arterial travel times derived from vehicle probes | None listed | None listed | None listed | None listed |
| Incident Management agencies from which your agency receives | | | | |
| incident clearance and/or incident severity, location, and type information | | | | |
| molacili olculanec ana/or molacili ocrenty, location, ana type mormation | | | | |
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| | | | | |
| Receive information on Incident Clearance | None listed | None listed | None listed | None listed |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Receive information on Incident Severity, Location, and Type | None listed | None listed | None listed | None listed |
| Toll Collection agencies from which your agency receives arterial travel | | | | |
| | | | | |
| | | | | |
| times derived from vehicles probes | None listed | None listed | None listed | None listed |
| Arterial Incident Management Section | | | | |
| Agencies your agency provides incident severity, location, and type info. | | | | |
| and/or shares infrastructure and/or coordinates operation | | | | |
| Emergency Management Agencies | | | | |
| Provide Information | | | | |
| | | | | |
| | short survey | None listed | None listed | None listed |
| Share Infrastructure | None listed | None listed | None listed | None listed |

| | New York State D | OT-Hudson Valley Region 8 | New York State I | DOT-Long Island Region 10 |
|--|------------------|---------------------------|------------------|---------------------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | None listed | None listed | None listed | None listed |
| Freeway Management Agencies | | | | |
| Provide Information | | | | |
| | short survey | None listed | None listed | None listed |
| Share Infrastructure | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | None listed | None listed | None listed | None listed |
| Public Transit Operators | | | | |
| Provide Information | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Receiving real-time information via electronic means from others | | | | |
| Emergency Management agencies from which your agency receives | | | | |
| arterial incident clearance and/or arterial incident severity | | | | |
| Receive Arterial Incident Clearance Information | short survey | None listed | None listed | None listed |
| Receive Arterial Incident Severity Information | short survey | None listed | None listed | None listed |
| Arterial Management agencies from which your agency receives | | | | |
| | | | | |
| | | | | |
| arterial travel times, speeds, and conditions | None listed | None listed | None listed | None listed |
| Freeway Management agencies from which your agency receives | | | | |
| freeway travel times, speeds, and conditions | None listed | None listed | None listed | None listed |

| | New York | State DOT-Region 11 | Newark City(NJ) | |
|--|-------------|---------------------|-----------------|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Agency Returned Survey? | Yes | | Yes | |
| Arterial Management Section | | | | |
| Arterial Mgt. agencies in metropolitan area with which you share info. | | | | |
| Share Timing Plans Information | | | | |
| | None listed | None listed | short survey | None listed |
| Coordinate Changes to Timing Plans | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Turn over Control of Signals | | | | |
| | None listed | None listed | None listed | None listed |
| Agencies your agency provides arterial travel times, speeds, and | | | | |
| conditions information, share infrastructure or coordinates operation | | | | |
| Freeway Management Agencies | | | | |
| Provide Information | | | | |
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| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | None listed | None listed | | None listed |
| | | | | |
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| | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Incident Management Agencies | | | | |

| | New York | State DOT-Region 11 | Newark City(NJ) | |
|---|---------------|---------------------|-----------------|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Provide Information | | | | |
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| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | | | | |
| | News P. C. J. | Name Ref. 1 | Nama Batul | Name Ref. 1 |
| Coordinate Operation | None listed | None listed | None listed | None listed |
| | | | | |
| | | | | |
| | | | | |
| Dublia Transis Ossuratora Anonaios | None listed | None listed | None listed | None listed |
| Public Transit Operators Agencies Provide Information | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| Coordinate Operation | None listed | None listed | None listed | None listed |
| Cool dinate Operation | | | | |
| | | | | |
| | | | | |
| Autorial Management Assession | None listed | None listed | None listed | None listed |
| Arterial Management Agencies Provide Information | | | | |
| | | | | |
| | | | | |
| | | | | |
| Chara Infractructura | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |

| | New York | State DOT-Region 11 | Ne | ewark City(NJ) |
|---|-------------|---------------------|-------------|----------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Receiving real-time information via electronic means from others | | | | |
| Freeway Management agencies from which your agency receives | | | | |
| | | | | |
| | | | | |
| | | | | |
| freeway travel times, speeds, and conditions | None listed | None listed | None listed | None listed |
| Public Transit operators from which your agency receives | | | | |
| | | | | |
| | | | | |
| arterial travel times derived from vehicle probes | None listed | None listed | None listed | None listed |
| Incident Management agencies from which your agency receives | | | | |
| incident clearance and/or incident severity, location, and type information | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Receive information on Incident Clearance | None listed | None listed | None listed | None listed |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Receive information on Incident Severity, Location, and Type | None listed | None listed | None listed | None listed |
| Toll Collection agencies from which your agency receives arterial travel | | | | |
| | | | | |
| | | | | |
| times derived from vehicles probes | None listed | None listed | None listed | None listed |
| Arterial Incident Management Section | | | | |
| Agencies your agency provides incident severity, location, and type info. | | | | |
| and/or shares infrastructure and/or coordinates operation | | | | |
| Emergency Management Agencies | | | | |
| Provide Information | | | | |
| | Name Ref. 1 | Name Bat 1 | Nama Batul | Nama Rati J |
| Chara Infrastructura | None listed | None listed | None listed | None listed |
| Share Infrastructure | None listed | None listed | None listed | None listed |

| | New York | State DOT-Region 11 | Ne | wark City(NJ) |
|--|--------------|---------------------|-------------|---------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | None listed | None listed | None listed | None listed |
| Freeway Management Agencies | | | | |
| Provide Information | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | None listed | None listed | None listed | None listed |
| Public Transit Operators | None listed | None listed | None listed | None listed |
| Provide Information | | | | |
| Provide miormation | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Receiving real-time information via electronic means from others | | | | |
| Emergency Management agencies from which your agency receives | | | | |
| arterial incident clearance and/or arterial incident severity | | | | |
| Receive Arterial Incident Clearance Information | None listed | None listed | None listed | None listed |
| Receive Arterial Incident Severity Information | None listed | None listed | None listed | None listed |
| Arterial Management agencies from which your agency receives | | | | |
| | | | | |
| arterial travel times, speeds, and conditions | None listed | None listed | None listed | None listed |
| | | | | |
| Freeway Management agencies from which your agency receives | | | | |
| freeway travel times speeds and conditions | None listed | None listed | None listed | None listed |
| freeway travel times, speeds, and conditions | inone listed | inone listed | None listed | ivone listed |

| | Nor | rwalk City(CT) | Oct | ean County(NJ) |
|--|--------------|----------------|--------------|----------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Agency Returned Survey? | Yes | | Yes | |
| Arterial Management Section | | | | |
| Arterial Mgt. agencies in metropolitan area with which you share info. | | | | |
| Share Timing Plans Information | | | | |
| | | | | |
| | short survey | None listed | short survey | None listed |
| Coordinate Changes to Timing Plans | | | | |
| | | | | |
| | | | | |
| Turn avera Octobel of Oliverale | short survey | None listed | short survey | None listed |
| Turn over Control of Signals | | | | |
| | None listed | None listed | short survey | None listed |
| Agencies your agency provides arterial travel times, speeds, and | | | , | |
| conditions information, share infrastructure or coordinates operation | | | | |
| Freeway Management Agencies | | | | |
| Provide Information | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | short survey | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| · · · · · | None listed | None listed | None listed | None listed |
| Incident Management Agencies | | | | |

| Agency Name 1999 2005 1999 2005 Provide Information short survey None listed None listed None listed Share Infrastructure None listed None listed None listed None listed Coordinate Operation None listed None listed None listed None listed Public Transit Operators Agencies None listed None listed None listed None listed Share Infrastructure None listed None listed None listed None listed Share Infrastructure None listed None listed None listed None listed Public Transit Operators Agencies None listed None listed None listed None listed Share Infrastructure None listed None listed None listed None listed Share Infrastructure None listed None listed None listed None listed Coordinate Operation None listed None listed None listed None listed Provide Information Infrastructure None listed None listed None listed Share Infrastructure None listed None listed None listed None listed | | Nc | orwalk City(CT) | Oc | ean County(NJ) |
|---|----------------------|--------------|-----------------|-------------|----------------|
| short survey None listed None listed None listed Share Infrastructure None listed None listed None listed Coordinate Operation None listed None listed None listed Public Transit Operators Agencies None listed None listed None listed Provide Infrastructure None listed None listed None listed Share Infrastructure None listed None listed None listed None listed None listed None listed None listed Share Infrastructure None listed None listed None listed None listed None listed None listed None listed | | | | | |
| Share Infrastructure None listed None listed None listed None listed Coordinate Operation None listed None listed None listed None listed Public Transit Operators Agencies Image: Coordinate Operation Image: Coordinate Operation None listed None listed Provide Information Image: Coordinate Operation Image: Coordinate Operation None listed None listed None listed Share Infrastructure None listed None listed None listed None listed None listed Coordinate Operation None listed None listed None listed None listed None listed Provide Information None listed None listed None listed None listed None listed Share Infrastructure None listed None listed None listed None listed None listed Provide Information Share Infrastructure Image: Short survey None listed None listed None listed | Provide Information | | | | |
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| Share Infrastructure None listed None listed None listed None listed None listed Coordinate Operation None listed None listed None listed None listed None listed Public Transit Operators Agencies None listed None listed None listed None listed None listed Provide Information None listed None listed None listed None listed None listed Share Infrastructure None listed None listed None listed None listed None listed Coordinate Operation None listed None listed None listed None listed None listed Provide Information None listed None listed None listed None listed None listed Provide Information None listed None listed None listed None listed None listed Provide Information infrastructure ishort survey None listed None listed None listed Share Infrastructure infrastructure ishort survey None listed None listed None listed | | | | | |
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| Share Infrastructure None listed None listed None listed None listed Coordinate Operation None listed None listed None listed None listed Public Transit Operators Agencies None listed None listed None listed None listed Provide Information None listed None listed None listed None listed Share Infrastructure None listed None listed None listed None listed Coordinate Operation None listed None listed None listed None listed Share Infrastructure None listed None listed None listed None listed Provide Information None listed None listed None listed None listed Share Infrastructure None listed None listed None listed None listed Provide Information None listed None listed None listed None listed Provide Information Short survey None listed None listed None listed | | | | | |
| Share Infrastructure None listed None listed None listed None listed None listed Coordinate Operation None listed None listed None listed None listed None listed Public Transit Operators Agencies None listed None listed None listed None listed None listed Provide Information None listed None listed None listed None listed None listed Share Infrastructure None listed None listed None listed None listed None listed Coordinate Operation None listed None listed None listed None listed None listed Provide Information None listed None listed None listed None listed None listed Provide Information None listed None listed None listed None listed None listed Provide Information Information Information Information None listed None listed Share Infrastructure Short survey None listed None listed None listed None listed | | short survey | None listed | None listed | None listed |
| Coordinate Operation None listed None listed None listed Public Transit Operators Agencies Image: Coordinate Operation Image: Coordinate Operation Image: Coordinate Operation Share Infrastructure None listed None listed None listed None listed Coordinate Operation None listed None listed None listed None listed Share Infrastructure None listed None listed None listed None listed None listed None listed None listed None listed None listed Provide Information None listed None listed None listed None listed Share Infrastructure None listed None listed None listed None listed | Share Infrastructure | | | | |
| Coordinate Operation None listed None listed None listed Public Transit Operators Agencies Image: Coordinate Operation Image: Coordinate Operation Image: Coordinate Operation Share Infrastructure None listed None listed None listed None listed Coordinate Operation None listed None listed None listed None listed Share Infrastructure None listed None listed None listed None listed Coordinate Operation None listed None listed None listed None listed Provide Information None listed None listed None listed None listed Share Infrastructure None listed None listed None listed None listed Share Infrastructure Short survey None listed None listed None listed | | | | | |
| Coordinate Operation None listed None listed None listed Public Transit Operators Agencies Image: Coordinate Operation Image: Coordinate Operation Image: Coordinate Operation Share Infrastructure None listed None listed None listed None listed Coordinate Operation None listed None listed None listed None listed Share Infrastructure None listed None listed None listed None listed Coordinate Operation None listed None listed None listed None listed Provide Information None listed None listed None listed None listed Share Infrastructure None listed None listed None listed None listed Share Infrastructure Short survey None listed None listed None listed | | | | | |
| Coordinate Operation None listed None listed None listed Public Transit Operators Agencies Image: Coordinate Operation Image: Coordinate Operation Image: Coordinate Operation Share Infrastructure None listed None listed None listed None listed Coordinate Operation None listed None listed None listed None listed Share Infrastructure None listed None listed None listed None listed None listed None listed None listed None listed None listed Provide Information None listed None listed None listed None listed Share Infrastructure None listed None listed None listed None listed | | | | | |
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| Public Transit Operators Agencies Image: Construction Image: | | | | | |
| Public Transit Operators Agencies Image: Construction Image: | | | | | |
| Public Transit Operators Agencies Image: Construction Image: Cons | | | | | |
| Provide Information None None listed None listed None listed Share Infrastructure None listed None listed None listed None listed Coordinate Operation None listed None listed None listed None listed None listed Arterial Management Agencies Image: More Listed None listed None listed None listed None listed Provide Information Image: Short survey None listed None listed None listed None listed Share Infrastructure Image: Short survey None listed None listed None listed None listed | | None listed | None listed | None listed | None listed |
| None listed None listed None listed None listed Share Infrastructure None listed None listed None listed Coordinate Operation None listed None listed None listed None listed None listed None listed None listed Arterial Management Agencies Mone listed None listed None listed Provide Information short survey None listed None listed Share Infrastructure short survey None listed None listed | | | | | |
| Share Infrastructure None listed None listed None listed None listed Coordinate Operation None listed None listed None listed None listed None listed None listed None listed None listed None listed Arterial Management Agencies Image: Coordinate Operation Image: Coordinate Operation Image: Coordinate Operation Image: Coordinate Operation Provide Information Image: Coordinate Operation Image: Coordinate Operation Image: Coordinate Operation Image: Coordinate Operation Share Infrastructure Image: Coordinate Operation Image: Coordinate Operation Image: Coordinate Operation Image: Coordinate Operation | 1 Tovide Information | | | | |
| Share Infrastructure None listed None listed None listed None listed Coordinate Operation None listed None listed None listed None listed None listed None listed None listed None listed None listed Arterial Management Agencies Image: Coordinate Operation Image: Coordinate Operation Image: Coordinate Operation Image: Coordinate Operation Provide Information Image: Coordinate Operation Image: Coordinate Operation Image: Coordinate Operation Image: Coordinate Operation Share Infrastructure Image: Coordinate Operation Image: Coordinate Operation Image: Coordinate Operation Image: Coordinate Operation | | None listed | None listed | None listed | None listed |
| Coordinate Operation None listed None listed None listed None listed Arterial Management Agencies Image: Coordinate Operation Im | Share Infrastructure | | | | |
| Coordinate Operation None listed None listed None listed None listed Arterial Management Agencies Image: Coordinate Operation Im | | | | | |
| Image: None listed None listed None listed None listed None listed Arterial Management Agencies Image: None listed Image: None listed Image: None listed Image: None listed Provide Information short survey None listed None listed None listed Share Infrastructure short survey None listed None listed None listed | Coordinate Operation | None listed | None listed | None listed | None listed |
| Arterial Management Agencies Arterial Management Agencies And the second s | Coordinate Operation | | | | |
| Arterial Management Agencies Arterial Management Agencies And the second s | | | | | |
| Arterial Management Agencies Arterial Management Agencies And the second s | | | | | |
| Provide Information short survey None listed None listed None listed Share Infrastructure Share Infrastructure None listed None listed None listed | | None listed | None listed | None listed | None listed |
| short survey None listed None listed Share Infrastructure Infrastructure Infrastructure | | | | | |
| Share Infrastructure | Flovide information | | | | |
| Share Infrastructure | | | | | |
| Share Infrastructure | | | | | |
| | | short survey | None listed | None listed | None listed |
| | Share intrastructure | | | | |
| | | | | | |
| None listed None listed None listed None listed None listed | | None listed | None listed | None listed | None listed |

| | Nc | orwalk City(CT) | Oc | Ocean County(NJ) | |
|---|--------------|-----------------|--------------|------------------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| Coordinate Operation | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Receiving real-time information via electronic means from others | | | | | |
| Freeway Management agencies from which your agency receives | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| freeway travel times, speeds, and conditions | None listed | None listed | None listed | None listed | |
| Public Transit operators from which your agency receives | | None listed | None listed | | |
| Table Transic operators noni which your agency receives | | | | | |
| | | | | | |
| arterial travel times derived from vehicle probes | None listed | None listed | None listed | None listed | |
| Incident Management agencies from which your agency receives | None listed | None listed | None listed | None listed | |
| incident management agencies norm which your agency receives incident clearance and/or incident severity, location, and type information | | | | | |
| monacht olearande anaron monacht severny, robation, and type monmation | | | | | |
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| | | | | | |
| | | | | | |
| Receive information on Incident Clearance | None listed | None listed | None listed | None listed | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Receive information on Incident Severity, Location, and Type | None listed | None listed | None listed | None listed | |
| Toll Collection agencies from which your agency receives arterial travel | | | | | |
| | | | | | |
| | | | | | |
| times derived from vehicles probes | None listed | None listed | None listed | None listed | |
| Arterial Incident Management Section | | | | | |
| Agencies your agency provides incident severity, location, and type info. | | | | | |
| and/or shares infrastructure and/or coordinates operation | | | | | |
| Emergency Management Agencies | | | | | |
| Provide Information | | | | | |
| | | | | | |
| | short survey | None listed | short survey | None listed | |
| Share Infrastructure | None listed | None listed | None listed | None listed | |

| | No | orwalk City(CT) | Oce | an County(NJ) |
|--|--------------|-----------------|-------------|---------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | None listed | None listed | None listed | None listed |
| Freeway Management Agencies | | | | |
| Provide Information | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | Nene listed | None listed | None listed | Nana listad |
| Coordinate Operation | None listed | None listed | None listed | None listed |
| Coordinate Operation | None listed | None listed | None listed | None listed |
| Public Transit Operators | | | | |
| Provide Information | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Receiving real-time information via electronic means from others | | | | |
| Emergency Management agencies from which your agency receives | | | | |
| arterial incident clearance and/or arterial incident severity | | | | |
| Receive Arterial Incident Clearance Information | short survey | None listed | None listed | None listed |
| Receive Arterial Incident Severity Information | short survey | None listed | None listed | None listed |
| Arterial Management agencies from which your agency receives | | | | |
| | | | | |
| arterial travel times, speeds, and conditions | None listed | None listed | None listed | None listed |
| Freeway Management agencies from which your agency receives | | | | |
| freeway travel times, speeds, and conditions | None listed | None listed | None listed | None listed |

| | Ran | napo Town(NJ) | Smithto | wn Town |
|--|-------------|---------------|--|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Agency Returned Survey? | Yes | | Yes | |
| Arterial Management Section | | | | |
| Arterial Mgt. agencies in metropolitan area with which you share info. | | | | |
| Share Timing Plans Information | None listed | None listed | Smithtown Town, Suffolk County, NYSDOT Region 10 | None listed |
| Coordinate Changes to Timing Plans | | | | |
| | None listed | None listed | Smithtown Town, Suffolk County, NYSDOT Region 10 | None listed |
| Turn over Control of Signals | None listed | None listed | Smithtown Town, Suffolk County, NYSDOT Region 10 | None listed |
| Agencies your agency provides arterial travel times, speeds, and | | | 10 | |
| conditions information, share infrastructure or coordinates operation | | | | |
| Freeway Management Agencies | | | | |
| Provide Information | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | None listed | None listed | None listed | None listed |
| Incident Management Agencies | | | | |

| | Rar | mapo Town(NJ) | Sr | nithtown Town |
|-----------------------------------|-------------|---------------|-------------|---------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Provide Information | | | | |
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| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Public Transit Operators Agencies | | | | |
| Provide Information | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Arterial Management Agencies | | | | |
| Provide Information | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |

| | Ran | napo Town(NJ) | Sn | thtown Town | |
|---|-------------|---------------|-------------|-------------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| Coordinate Operation | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Receiving real-time information via electronic means from others | | | | | |
| Freeway Management agencies from which your agency receives | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| freeway travel times, speeds, and conditions | None listed | None listed | None listed | None listed | |
| Public Transit operators from which your agency receives | | | | | |
| auto transic operatoro nom milon your agency received | | | | | |
| | | | | | |
| arterial travel times derived from vehicle probes | None listed | None listed | None listed | None listed | |
| Incident Management agencies from which your agency receives | | | | | |
| incident clearance and/or incident severity, location, and type information | | | | | |
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| | | | | | |
| Receive information on Incident Clearance | None listed | None listed | None listed | None listed | |
| | | | | | |
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| | | | | | |
| | | | | | |
| Receive information on Incident Severity, Location, and Type | None listed | None listed | None listed | None listed | |
| Toll Collection agencies from which your agency receives arterial travel | | | | | |
| | | | | | |
| | | | | | |
| times derived from vehicles probes | None listed | None listed | None listed | None listed | |
| Arterial Incident Management Section | | | | | |
| Agencies your agency provides incident severity, location, and type info. | | | | | |
| and/or shares infrastructure and/or coordinates operation | | | | | |
| Emergency Management Agencies | | | | | |
| Provide Information | | | | | |
| | | | | | |
| | None listed | None listed | None listed | None listed | |
| Share Infrastructure | None listed | None listed | None listed | None listed | |

| | Ran | napo Town(NJ) | Smithtown Town | |
|--|-------------|---------------|----------------|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | None listed | None listed | None listed | None listed |
| Freeway Management Agencies | | | | |
| Provide Information | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | None listed | None listed | None listed | None listed |
| Coordinate Operation | | None listed | | None listed |
| | None listed | None listed | None listed | None listed |
| Public Transit Operators | | | | |
| Provide Information | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Receiving real-time information via electronic means from others | | | | |
| Emergency Management agencies from which your agency receives | | | | |
| arterial incident clearance and/or arterial incident severity | | | | |
| Receive Arterial Incident Clearance Information | None listed | None listed | None listed | None listed |
| Receive Arterial Incident Severity Information | None listed | None listed | None listed | None listed |
| Arterial Management agencies from which your agency receives | | | | |
| | | | | |
| arterial travel times, speeds, and conditions | None listed | None listed | None listed | None listed |
| Freeway Management agencies from which your agency receives | | | | |
| freeway travel times, speeds, and conditions | None listed | None listed | None listed | None listed |

| | Somers | set County | Stamford City(CT) | |
|--|--------------------------|-------------------|-------------------|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Agency Returned Survey? | Yes | | Yes | |
| Arterial Management Section | | | | |
| Arterial Mgt. agencies in metropolitan area with which you share info. | | | | |
| Share Timing Plans Information | | | | |
| | New Jersey Department of | of | | |
| | Transportation(NJ) | Union County(NJ) | short survey | None listed |
| Coordinate Changes to Timing Plans | | | , | |
| | | Hunterdon County, | | |
| | New Jersey Department of | | | |
| | Transportation(NJ) | Union County(NJ) | short survey | None listed |
| Turn over Control of Signals | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Agencies your agency provides arterial travel times, speeds, and | | | | |
| conditions information, share infrastructure or coordinates operation | | | | |
| Freeway Management Agencies | | | | |
| Provide Information | | | | |
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| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Incident Management Agencies | | | | |
| Incluent management Agencies | | | | |

| | Somerse | Somerset County | | Stamford City(CT) | |
|-----------------------------------|--------------------------|-----------------|-------------|-------------------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| Provide Information | | | | | |
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| | | | | | |
| | New Jersey Department of | | | | |
| | Transportation(NJ) | None listed | None listed | None listed | |
| Share Infrastructure | | | | | |
| | | | | | |
| | | | | | |
| | New Jersey Department of | | | | |
| | Transportation(NJ) | None listed | None listed | None listed | |
| Coordinate Operation | | | | | |
| | | | | | |
| | New Jersey Department of | | | | |
| | | None listed | None listed | None listed | |
| Public Transit Operators Agencies | | | | | |
| Provide Information | | | | | |
| | New Jersey Transit | | | | |
| | | None listed | None listed | None listed | |
| Share Infrastructure | | | | | |
| | New Jersey Transit | | | | |
| | Corporation(NJ) | None listed | None listed | None listed | |
| Coordinate Operation | | | | | |
| | | | | | |
| | New Jersey Transit | | | | |
| | | None listed | None listed | None listed | |
| Arterial Management Agencies | | | | | |
| Provide Information | | | | | |
| | Hunterdon County, | | | | |
| | Middlesex County(NJ), | | | | |
| | New Jersey Department of | | | | |
| | Transportation(NJ) | None listed | None listed | None listed | |
| Share Infrastructure | Hunterdon County, | | | | |
| | Middlesex County(NJ), | | | | |
| | New Jersey Department of | | | | |
| | Transportation(NJ) | None listed | None listed | None listed | |

| | Somerse | et County | Stamford City(CT) | |
|---|--|-------------|-------------------|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | | | | |
| | Hunterdon County, | | | |
| | Middlesex County(NJ), | | | |
| | New Jersey Department of | | | |
| | Transportation(NJ) | None listed | None listed | None listed |
| Receiving real-time information via electronic means from others | | | | |
| Freeway Management agencies from which your agency receives | | | | |
| | | | | |
| | | | | |
| | | | | |
| functions travel times, encode, and conditions | New Jersey Department of Transportation(NJ) | | Nene listed | None listed |
| freeway travel times, speeds, and conditions Public Transit operators from which your agency receives | Transportation(NJ) | None listed | None listed | None listed |
| | | | | |
| | | | | |
| and what to say a dambas of for an analytic to some to a | New Jersey Transit | No Katad | Name Bated | News Rota d |
| arterial travel times derived from vehicle probes | Corporation(NJ) | None listed | None listed | None listed |
| Incident Management agencies from which your agency receives incident clearance and/or incident severity, location, and type information | | | | |
| incident clearance and/or incident seventy, location, and type information | | | | |
| | | | | |
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| | | | | |
| | | | | |
| | New Jersey Department of | | | |
| Receive information on Incident Clearance | | None listed | None listed | None listed |
| | | | | |
| | | | | |
| | | | | |
| | New Jersey Department of | | | |
| Receive information on Incident Severity, Location, and Type | Transportation(NJ) | None listed | None listed | None listed |
| Toll Collection agencies from which your agency receives arterial travel | | | | |
| | | | | |
| | | | | |
| times derived from vehicles probes | None listed | None listed | None listed | None listed |
| Arterial Incident Management Section | | | | |
| Agencies your agency provides incident severity, location, and type info. | | | | |
| and/or shares infrastructure and/or coordinates operation | | | | |
| Emergency Management Agencies | | | | |
| Provide Information | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | Somerset County | None listed | None listed | None listed |

| | Somers | et County | Star | mford City(CT) |
|--|--------------------------|-------------|-------------|----------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | Somerset County | None listed | None listed | None listed |
| Freeway Management Agencies | | | | |
| Provide Information | | | | |
| | New Jersey Department of | f | | |
| | Transportation(NJ) | None listed | None listed | None listed |
| Share Infrastructure | New Jersey Department of | f | | |
| | Transportation(NJ) | None listed | None listed | None listed |
| Coordinate Operation | New Jersey Department of | f | | |
| | Transportation(NJ) | None listed | None listed | None listed |
| Public Transit Operators | | | | |
| Provide Information | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Receiving real-time information via electronic means from others | | | | |
| Emergency Management agencies from which your agency receives | | | | |
| arterial incident clearance and/or arterial incident severity | | | | |
| Receive Arterial Incident Clearance Information | None listed | None listed | None listed | None listed |
| Receive Arterial Incident Severity Information | None listed | None listed | None listed | None listed |
| Arterial Management agencies from which your agency receives | | | | |
| | | | | |
| | | | | |
| arterial travel times, speeds, and conditions | None listed | None listed | None listed | None listed |
| Freeway Management agencies from which your agency receives | | | | |
| | | | | |
| freeway travel times, speeds, and conditions | None listed | None listed | None listed | None listed |

| | Union | City - New Jersey | W | arren County |
|--|--------------|-------------------|-------------|--------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Agency Returned Survey? | Yes | | Yes | |
| Arterial Management Section | | | | |
| Arterial Mgt. agencies in metropolitan area with which you share info. | | | | |
| Share Timing Plans Information | | | | |
| | | | | |
| | short survey | None listed | None listed | None listed |
| Coordinate Changes to Timing Plans | | | | |
| | | | | |
| | | | | |
| | short survey | None listed | None listed | None listed |
| Turn over Control of Signals | | | | |
| | short survey | None listed | None listed | None listed |
| Agencies your agency provides arterial travel times, speeds, and | | | | |
| conditions information, share infrastructure or coordinates operation | | | | |
| Freeway Management Agencies | | | | |
| Provide Information | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Incident Management Agencies | | | | |

| | Union | City - New Jersey | W | arren County |
|---------------------------------------|--------------|-------------------|-------------|--------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Provide Information | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | None Beted | Nama Katad | Non a Katad | Nama Katad |
| Share Infrastructure | None listed | None listed | None listed | None listed |
| Share initiastructure | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | None Beted | Nama Katad | Non a Katad | Nama Katad |
| Public Transit Operators Agencies | None listed | None listed | None listed | None listed |
| Provide Information | | | | |
| | | | | |
| | short survey | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Arterial Management Agencies | | | | |
| Provide Information | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Share Infrastructure | | | | |
| · · · · · · · · · · · · · · · · · · · | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |

| | Union City - New Jersey | | | |
|--|-------------------------|-------------|-------------|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | None listed | None listed |
| Receiving real-time information via electronic means from others | | | | |
| Freeway Management agencies from which your agency receives | | | | |
| | | | | |
| | | | | |
| | | | | |
| freeway travel times, speeds, and conditions | None listed | None listed | None listed | None listed |
| Public Transit operators from which your agency receives | | None listed | | |
| | | | | |
| | | | | |
| autorial travel times devived from vehicle prohes | None listed | None listed | None listed | None listed |
| arterial travel times derived from vehicle probes Incident Management agencies from which your agency receives | None listed | None listed | None listed | None listed |
| incident clearance and/or incident severity, location, and type information | | | | |
| medent clearance and/or medent severity, location, and type miorination | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Receive information on Incident Clearance | short survey | None listed | None listed | None listed |
| | onorcourroy | | | |
| | | | | |
| | | | | |
| | | | | |
| Receive information on Incident Severity, Location, and Type | short survey | None listed | None listed | None listed |
| Toll Collection agencies from which your agency receives arterial travel | onorcourroy | | | |
| ······································ | | | | |
| | | | | |
| times derived from vehicles probes | None listed | None listed | None listed | None listed |
| Arterial Incident Management Section | | | | |
| Agencies your agency provides incident severity, location, and type info. | | | | |
| and/or shares infrastructure and/or coordinates operation | | | | |
| Emergency Management Agencies | | | | |
| Provide Information | | | | |
| | | | | |
| | short survey | None listed | None listed | None listed |
| Share Infrastructure | None listed | None listed | None listed | None listed |

| | Union | City - New Jersey | W | Warren County | | |
|--|-------------|-------------------|-------------|---------------|--|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | | |
| Coordinate Operation | None listed | None listed | None listed | None listed | | |
| Freeway Management Agencies | | | | | | |
| Provide Information | | | | | | |
| | None listed | None listed | None listed | None listed | | |
| Share Infrastructure | None listed | None listed | None listed | None listed | | |
| Coordinate Operation | | | | | | |
| | None listed | None listed | None listed | None listed | | |
| Public Transit Operators | | | | | | |
| Provide Information | | | | | | |
| | None listed | None listed | None listed | None listed | | |
| Share Infrastructure | | | | | | |
| | None listed | None listed | None listed | None listed | | |
| Coordinate Operation | | | | | | |
| | | | | | | |
| | None listed | None listed | None listed | None listed | | |
| Receiving real-time information via electronic means from others | | | | | | |
| Emergency Management agencies from which your agency receives | | | | | | |
| arterial incident clearance and/or arterial incident severity | | | | | | |
| Receive Arterial Incident Clearance Information | None listed | None listed | None listed | None listed | | |
| Receive Arterial Incident Severity Information | None listed | None listed | None listed | None listed | | |
| Arterial Management agencies from which your agency receives | | | | | | |
| | | | | | | |
| arterial travel times, speeds, and conditions | None listed | None listed | None listed | None listed | | |
| Freeway Management agencies from which your agency receives | | | | | | |
| | Nexe listed | News listed | Name listed | None listed | | |
| freeway travel times, speeds, and conditions | None listed | None listed | None listed | None listed | | |

*short survey: Agency responded using a short survey. The survey did not include names of individual agencies, but only identified whether integration exists.

| and a second s | | tchester County |
|---|--------------|---------------------------------|
| Agency Name | 1999 | 2005 |
| gency Returned Survey? | Yes | |
| Arterial Management Section | | |
| Arterial Mgt. agencies in metropolitan area with which you share info. | | |
| Share Timing Plans Information | | |
| | | |
| | None listed | White Plains |
| Coordinate Changes to Timing Plans | | New York State |
| | | Department of |
| | | Transportation Region 8 |
| | None listed | White Plains |
| Turn over Control of Signals | | |
| | None listed | None listed |
| Agencies your agency provides arterial travel times, speeds, and | | |
| conditions information, share infrastructure or coordinates operation | | |
| Freeway Management Agencies | | |
| Provide Information | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | New York State |
| | Norre Bate d | Department of |
| Share Infrastructure | None listed | Transportation Region 8 |
| | | |
| | | |
| | | New York State Department of |
| | None listed | Transportation Region 8 |
| Coordinate Operation | | |
| | | |
| | | New York State |
| | Nama Batad | Department of |
| Incident Management Agencies | None listed | Transportation Region 8 |

| | We | estchester County | | |
|-----------------------------------|-------------|-------------------------|--|--|
| gency Name | 1999 | 2005 | | |
| Provide Information | | | | |
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| | | | | |
| | | New York State | | |
| | | Department of | | |
| | None listed | Transportation Region 8 | | |
| Share Infrastructure | | | | |
| | | | | |
| | | New York State | | |
| | | Department of | | |
| Occurting to Occuration | None listed | Transportation Region 8 | | |
| Coordinate Operation | | | | |
| | | New York State | | |
| | | Department of | | |
| | None listed | Transportation Region 8 | | |
| Public Transit Operators Agencies | | | | |
| Provide Information | | Westchester County | | |
| | | Department of | | |
| | None listed | Transportation | | |
| Share Infrastructure | | Westchester County | | |
| | | Department of | | |
| | None listed | Transportation | | |
| Coordinate Operation | | | | |
| | | | | |
| | | | | |
| | None listed | None listed | | |
| Arterial Management Agencies | | | | |
| Provide Information | | | | |
| | | New York State | | |
| | | Department of | | |
| | | Transportation Region 8 | | |
| Chara Infrastructura | None listed | White Plains City | | |
| Share Infrastructure | | New York State | | |
| | | Department of | | |
| | | Transportation Region 8 | | |
| | None listed | White Plains City | | |

| | Westchester County | | | | |
|---|--------------------|--------------------------|--|--|--|
| Agency Name | 1999 | 2005 | | | |
| Coordinate Operation | | | | | |
| | | New York State | | | |
| | | Department of | | | |
| | | Transportation Region 8, | | | |
| | None listed | White Plains City | | | |
| Receiving real-time information via electronic means from others | | | | | |
| Freeway Management agencies from which your agency receives | | | | | |
| | | | | | |
| | | New York State | | | |
| | | Department of | | | |
| | | Transportation Region 8, | | | |
| freeway travel times, speeds, and conditions | None listed | TRANSCOM | | | |
| Public Transit operators from which your agency receives | | | | | |
| | | | | | |
| | | None listed | | | |
| arterial travel times derived from vehicle probes Incident Management agencies from which your agency receives | None listed | None listed | | | |
| incident management agencies from which your agency receives incident clearance and/or incident severity, location, and type information | | | | | |
| incident clearance and/or incident severity, location, and type information | | | | | |
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| | | | | | |
| Receive information on Incident Clearance | None listed | None listed | | | |
| Receive information on incluent clearance | None listed | None listed | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Receive information on Incident Severity, Location, and Type | None listed | None listed | | | |
| Toll Collection agencies from which your agency receives arterial travel | | | | | |
| | | MTA Bridges & Tunnels, | | | |
| | | New York State Thruway | | | |
| times derived from vehicles probes | None listed | Authority | | | |
| Arterial Incident Management Section | | | | | |
| Agencies your agency provides incident severity, location, and type info. | | | | | |
| and/or shares infrastructure and/or coordinates operation | | | | | |
| Emergency Management Agencies | | | | | |
| Provide Information | | | | | |
| | | | | | |
| | None listed | None listed | | | |
| Share Infrastructure | | None listed | | | |

| | Wes | tchester County |
|--|-------------|-----------------|
| Agency Name | 1999 | 2005 |
| Coordinate Operation | None listed | None listed |
| Freeway Management Agencies | | |
| Provide Information | | |
| | None listed | None listed |
| Share Infrastructure | | |
| | None listed | None listed |
| Coordinate Operation | | |
| | None listed | None listed |
| Public Transit Operators | | |
| Provide Information | | |
| | | |
| | None listed | None listed |
| Share Infrastructure | | |
| | | |
| | None listed | None listed |
| Coordinate Operation | | |
| | | |
| | None listed | None listed |
| Receiving real-time information via electronic means from others | | |
| Emergency Management agencies from which your agency receives | | |
| arterial incident clearance and/or arterial incident severity | | |
| Receive Arterial Incident Clearance Information | None listed | None listed |
| Receive Arterial Incident Severity Information | None listed | None listed |
| Arterial Management agencies from which your agency receives | | |
| | | |
| | | |
| arterial travel times, speeds, and conditions | None listed | None listed |
| Freeway Management agencies from which your agency receives | | |
| | Name Beter | Niewe Keterd |
| freeway travel times, speeds, and conditions | None listed | None listed |

*short survey: Agency responded using a short survey. The survey did not include names of individual agencies, but only identified whether integration exists.

Appendix H Arterial Management Information Collection and Dissemination

| | | | Bay | onne | Bergen | | | | |
|--|------|--------|------|-------|--------|--------|---|--|--|
| | | n Town | | /(NJ) | | ty(NJ) | | rt City(CT) | |
| Agency Name | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | |
| | | | | | | | | | |
| Agency Returned Survey? | Yes | | Yes | | Yes | | Yes | | |
| Arterial Management Section | | | | | | | | | |
| Data collected, archived, and/or transferred to another agency | | | | | | | | | |
| Collected by your agency | | | | | | | Traffic volumes, Traffic speeds, Vehicle classification, Turning | Traffic volumes, Traffic speeds, Vehicle classification, Turning | |
| Archived by your agency | NR | NR | NR | NR | NR | NR | movements, Phasing/cycle lengths | movements, Phasing/cycle lengths | |
| | NR | NR | NR | NR | NR | NR | Traffic volumes, Traffic speeds, Vehicle classification, Turning movements, Phasing/cycle lengths | Traffic volumes, Traffic speeds, Vehicle classification, Turning movements, | |
| Transferred to another agency by your agency | | | | | | | | Phasing/cycle lengths | |
| | NR | NR | NR | NR | NR | NR | NR | NR | |
| Importance of making information available to the public | | | | | | | | | |

| | | _ | Bay | yonne | Bergen | | | | |
|--|----------------|----------------|-------------|-------|--------------|---------|---------------------------|--------------------------------|--|
| Agonov Nomo | Babylo 1999 | n Town 2005 | Cit 1999 | y(NJ) | Cour 1999 | nty(NJ) | Bridge 1999 | eport City(CT) | |
| Agency Name Ranked High | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | |
| Kanked High | | | | | | | | | |
| | | | | | | | | | |
| | NR | | NR | | NR | | NR | | |
| Ranked Medium | | | | | | | | | |
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| | | | | | | | | | |
| Ranked Low | NR | | NR | | NR | | NR | | |
| Rained Low | | | | | | | | | |
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| | | | | | | | Traffic volumes Traffic | speeds, Vehicle classification | |
| | NR | | NR | | NR | | Turning movements, Pl | asing/cycle lengths | |
| Groups that make requests for the data | | | | | | | | | |
| | | | | | | | Oservitanta Davidana | _ | |
| What is the data used for? | NR | | NR | | NR | | Consultants, Developer | 5 | |
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| | | | | | | | | | |
| | NR | | NR | | NR | | Traffic analysis, Constru | uction impact determination | |
| Methods used to disseminate arterial information to the public | | | | | | | | | |

| | | | _ | | | | | | |
|--|--------|---------|------|---------------|------|-----------------|----------|-------------|--|
| | Babylo | on Town | | onne /(NJ) | | rgen ity(NJ) | Bridgeno | rt City(CT) | |
| Agency Name | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | |
| Technologies your agency uses to disseminate: | | | | | | | | | |
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| | | | | | | | | | |
| | NR | NR | NR | NR | NR | NR | NR | NR | |
| Technologies your agency (through another agency or org.) uses to disseminate: | | | | | | | | | |
| | NR | NR | NR | NR | NR | NR | NR | NR | |
| Internet web site reporting arterial conditions | NR | | NR | | NR | | NR | | |
| Telephone system for reporting arterial information to the public | NR | | NR | | NR | | NR | | |
| Organizations your agency sends information for dissemination to the public | NR | | NR | | NR | - | NR | | |
| Arterial Incident Management Section | | | | | | | | | |
| Methods used to distribute incident location and severity information | | | | | | | | | |
| to the public | | | | | | | | | |
| Technologies your agency uses to disseminate: | | | | | | | | | |
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| | | | | | | | | | |
| | NR | | NR | NR | | | NR | NR | |
| Technologies your agency (through another agency or org.) uses to disseminate: | NR | NR | NR | NR | NR | NR | NR | NR | |
| Internet web site reporting incident information | NR | | NR | | NR | | NR | | |
| Telephone system for reporting incident information to the public | NR | | NR | | NR | | NR | | |
| Organizations your agency sends information for dissemination to the public | NR | | NR | | NR | | NR | | |

| | Olither | | Connecticut | Department of | East Orange City(NJ) | | |
|--|---------|------------|-------------|---------------|----------------------|------|--|
| Aronav Nama | | n City(NJ) | | rtation(CT) | | | |
| Agency Name | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | |
| Agency Returned Survey? | | | × | | | | |
| | Yes | | Yes | | Yes | | |
| Arterial Management Section | | | | | | | |
| Data collected, archived, and/or transferred to another agency Collected by your agency | | | | | | | |
| Collected by your agency | | | | | | | |
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| | | | | | | | |
| | NR | NR | NR | NR | NR | NR | |
| Archived by your agency | | | | | | | |
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| | NR | NR | NR | NR | NR | NR | |
| Transferred to another agency by your agency | | | | | | | |
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| | NR | NR | NR | NR | NR | NR | |
| Importance of making information available to the public | | | | | | | |

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| | Clifto | n City(NJ) | Connecticut Transpor | Department of tation(CT) | East Orange City(NJ) | | |
|--|--------|------------|-------------------------|-----------------------------|----------------------|------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | |
| Ranked High | | | | | | • | |
| - | | | | | | | |
| | | | | | | | |
| | NR | | NR | | NR | | |
| Ranked Medium | INR | | INR | | INF | | |
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| | NR | | NR | | NR | | |
| Ranked Low | | | | | | | |
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| | NR | | NR | | NR | | |
| Groups that make requests for the data | | | | | | | |
| | | | | | | | |
| | NR | | NR | | NR | | |
| Vhat is the data used for? | | | | | | | |
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| | NR | | NR | | NR | | |
| lethods used to disseminate arterial information to the public | | | | | | | |

| | Clifte | on City(NJ) | | Department of tation(CT) | East Orange City(NJ) | | |
|--|--------|-------------|--------------------|--------------------------|----------------------|------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | |
| Technologies your agency uses to disseminate: | | | | | | | |
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| | | | | | | | |
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| | | | | | | | |
| | NR | NR | NR | NR | NR | NR | |
| Technologies your agency (through another agency or org.) uses to disseminate: | | | | | | | |
| | NR | NR | NR | NR | NR | NR | |
| ternet web site reporting arterial conditions | NR | NR | | NR | | | |
| elephone system for reporting arterial information to the public | NR | | NR | | NR | | |
| organizations your agency sends information for dissemination to the public | NR | | NR | NR | | NR | |
| rterial Incident Management Section | | | | | | | |
| lethods used to distribute incident location and severity information | | | | | | | |
| to the public | | | | | | | |
| Technologies your agency uses to disseminate: | | | | | | | |
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| | | | | | | | |
| | | | Internet Web | | | | |
| | | | sites, Pagers or | | | | |
| | | | personal data | | | | |
| | NR | NR | assistants, Kiosks | NR | NR | NR | |
| Technologies your agency (through another agency or org.) uses to disseminate: | NR | NR | NR | NR | NR | NR | |
| ternet web site reporting incident information | NR | • | NR | • | NR | | |
| elephone system for reporting incident information to the public | NR | | NR | | NR | | |
| rganizations your agency sends information for dissemination to the public | NR | | NR | | NR | | |

| | | eth City(NJ) | | d Town(CT) |
|--|------|--------------|------|------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| | | | | |
| Agency Returned Survey? | Yes | | Yes | |
| Arterial Management Section | | | | |
| Data collected, archived, and/or transferred to another agency | | | | |
| Collected by your agency | | | | |
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| | | | | |
| | NR | NR | NR | NR |
| Archived by your agency | | | | |
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| | | | | |
| | | | | |
| | NR | NR | NR | NR |
| Transferred to another agency by your agency | | | | |
| Transferred to another agency by your agency | | | | |
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| | | | | |
| | | | | |
| | NR | NR | NR | NR |
| Importance of making information available to the public | | | | |

| | | | Fairfield Town(CT) | | | |
|--|------|-------------|---------------------------|-----------------|--|--|
| | | th City(NJ) | | | | |
| Agency Name | 1999 | 2005 | 1999 | 2005 | | |
| Ranked High | | | | | | |
| | | | | | | |
| | | | | | | |
| | NR | | NR | | | |
| Ranked Medium | | | | | | |
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| | | | | | | |
| | NR | | NR | | | |
| Ranked Low | | | | | | |
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| | NR | | NR | | | |
| Groups that make requests for the data | | | | | | |
| | | | Consultants, Pul | blic | | |
| | NR | | complaints/Rese | earch/Questions | | |
| What is the data used for? | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | Traffic analysis, | Dissemination | | |
| | NR | | the public, Answ Concerns | ering Public | | |
| | INF | | Concerns | | | |

| | Flizabe | eth City(NJ) | Fairfield Town(CT) | | |
|--|-----------------|--------------|--------------------|------|--|
| Agency Name | 1999 2005 | | 1999 | 2005 | |
| Technologies your agency uses to disseminate: | 1555 | 2003 | 1333 | 2003 | |
| Technologies your agency (through another agency or org.) uses to disseminate: | NR | NR | NR | NR | |
| Internet web site reporting arterial conditions | NR | NR | NR | NR | |
| | NR | | NR | | |
| Telephone system for reporting arterial information to the public | NR | | NR | | |
| Organizations your agency sends information for dissemination to the public | NR | | NR | | |
| Arterial Incident Management Section | | | | | |
| Methods used to distribute incident location and severity information | | | | | |
| to the public | | | | | |
| Technologies your agency uses to disseminate: | | | | | |
| | Dedicated | | | | |
| | Dedicated cable | NR | NR | NR | |
| Technologies your agency (through another agency or org.) uses to disseminate: | NR | NR | NR | NR | |
| Internet web site reporting incident information | | | | INF | |
| | NR | | NR | | |
| Telephone system for reporting incident information to the public | NR | | NR | | |
| Organizations your agency sends information for dissemination to the public | NR | | NR | | |

| | | rgh Town | Greenwich Town(CT) | | |
|--|--------------------------|----------|--------------------|------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| | | | | | |
| Agency Returned Survey? | Yes | | Yes | | |
| Arterial Management Section | | | | | |
| Data collected, archived, and/or transferred to another agency | | | | | |
| Collected by your agency | | | | | |
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| | Traffic volumes, Traffic | | | | |
| | | NR | NR | NR | |
| Archived by your agency | | | | | |
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| | NR | NR | NR | NR | |
| Transferred to another agency by your agency | | | | | |
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| | NR | NR | NR | NR | |
| Importance of making information available to the public | | | | | |

H - 11

| | Greent | Greenburgh Town | | |
|--|-------------------------|-------------------------|-------------------------------------|--------------------|
| Agency Name | 1999 | 2005 | 1999 | h Town(CT) 2005 |
| Ranked High | | | | |
| | | | | |
| | Traffic volumes, Traff | ic speeds | Traffic volumes, lengths, Schedu | |
| Ranked Medium | | | | |
| | | | | |
| | | | | |
| | | | [| |
| | | | Emergency vehi preemption, Inci | |
| | NR | | Emergency/evac procedures | cuation routes a |
| Ranked Low | | | procedures | |
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| Groups that make requests for the data | NR | | NR | |
| | | | State DOT pers | onnel, MPOs, |
| What is the data used for? | State DOT personnel | , Consultants, Public | Consultants | |
| what is the data used for? | | | | |
| | | | | |
| | | | Traffic analysis, | Construction |
| | | | impact determin Roadway impac | ation, Planning, |
| | | | Accident predict | ion models, |
| Methods used to disseminate arterial information to the public | Traffic analysis, Disse | emination to the public | Dissemination to | o the public |

| | Greenbu | Greenw | Greenwich Town(CT) | | |
|--|-------------------------|-----------|--------------------|----|--|
| Agency Name | 1999 | 1999 2005 | | | |
| Technologies your agency uses to disseminate: | | | | | |
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| | | | | | |
| | | | | | |
| | NR | NR | NR | NR | |
| Technologies your agency (through another agency or org.) uses to disseminate: | | | | | |
| | NR | NR | NR | NR | |
| nternet web site reporting arterial conditions | NR | NR | | | |
| Telephone system for reporting arterial information to the public | NR | | NR | | |
| Organizations your agency sends information for dissemination to the public | NR | | NR | | |
| Arterial Incident Management Section | | | | | |
| Methods used to distribute incident location and severity information | | | | | |
| to the public | | | | | |
| Technologies your agency uses to disseminate: | | | | | |
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| | | | | | |
| | | | | | |
| | | | | | |
| | Telephone system, E- | | | | |
| | mail or other direct PC | | | | |
| | | NR | NR | NR | |
| Technologies your agency (through another agency or org.) uses to disseminate: | NR | NR | NR | NR | |
| nternet web site reporting incident information | NR | | NR | | |
| Felephone system for reporting incident information to the public | NR | | NR | | |
| Organizations your agency sends information for dissemination to the public | NR | | NR | | |

| | Hudsor | n County(NJ) | Hunterde | on County |
|--|--------|--------------|--|---|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| | | | | |
| Agency Returned Survey? | Yes | | Yes | |
| Arterial Management Section | | | | |
| Data collected, archived, and/or transferred to another agency | | | | |
| Collected by your agency | | | | Traffic volumes, Traffic speeds, Lane occupancy, Route designations (snow emergency, etc.), Current |
| Archived by your agency | NR | NR | work zones, Scheduled work zones | work zones, Scheduled work zones |
| | NR | NR | | Traffic volumes, Traffic speeds, Lane occupancy, Route designations (snow emergency, etc.), Current work zones, Scheduled work zones |
| Transferred to another agency by your agency | NR | NR | emergency, etc.), Current work zones, Scheduled | Route designations (snow emergency, etc.), Current work zones, Scheduled |
| | NR | NR | work zones | work zones |
| Importance of making information available to the public | | | | |

| | Hudson | County(NJ) | Hunterdo | on County |
|--|--------|------------|--|--------------------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Ranked High | | • | | • |
| | | | Traffic volumes, Traffic spe | eds I ane occupancy |
| | | | Route designations (snow | emergency, etc.), Curren |
| | NR | | work zones, Scheduled wo | rk zones |
| Ranked Medium | | | | |
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| Ranked Low | NR | | NR | |
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| | NR | | NR | |
| Groups that make requests for the data | | | | |
| | | | | |
| | NR | | State DOT personnel, MPC | Ds, Consultants, Public |
| Vhat is the data used for? | | | | |
| | | | | |
| | | | | |
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| | | | T (() | |
| | | | Traffic analysis, Constructi Planning, Roadway impact | on impact determination, |
| | NR | | the public, Real Estate Pur | |
| Methods used to disseminate arterial information to the public | | | | |

| | Hudson | County(NJ) | Hur | nterdon County | |
|--|--------|------------|-----------|----------------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| Technologies your agency uses to disseminate: | | | | | |
| Technologies your agency (through another agency or org.) uses to disseminate: | NR | NR | Facsimile | Facsimile | |
| nternet web site reporting arterial conditions | NR | NR | Facsimile | Facsimile | |
| | NR | | NR | | |
| Telephone system for reporting arterial information to the public | NR | | NR | | |
| Organizations your agency sends information for dissemination to the public | NR | | NR | | |
| Arterial Incident Management Section | | | | | |
| Nethods used to distribute incident location and severity information | | | | | |
| to the public | | | | | |
| Technologies your agency uses to disseminate: | | | | | |
| | NR | NR | NR | NR | |
| Technologies your agency (through another agency or org.) uses to disseminate: | NR | NR | NR | NR | |
| nternet web site reporting incident information | NR | | NR | | |
| Felephone system for reporting incident information to the public | NR | | NR | | |
| Organizations your agency sends information for dissemination to the public | NR | | NR | | |

| | Jersey City(NJ) | | Middlesex County(NJ) | | Mount Vernon City | | Nassau County | | |
|--|-----------------|------|----------------------|------|-------------------|------|---------------|------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | |
| | | | | | | | | | |
| gency Returned Survey? | Yes | | Yes | | Yes | | Yes | | |
| Arterial Management Section | | | | | | | | | |
| Data collected, archived, and/or transferred to another agency | | | | | | | | | |
| Collected by your agency | | | | | | | | | |
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| | NR | NR | NR | NR | NR | NR | NR | NR | |
| Archived by your agency | | | | | | | | | |
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| | | | | | | | | | |
| | NR | NR | NR | NR | NR | NR | NR | NR | |
| Transferred to another agency by your agency | | | | | | | | | |
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| | | | | | | | | | |
| | NR | NR | NR | NR | NR | NR | NR | NR | |

| | Jerse | y City(NJ) | Middlesex | County(NJ) | Mount V | ernon City | Nassau | u County |
|--|-------|------------|-----------|------------|---------|------------|---|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Ranked High | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Ranked Medium | NR | | NR | | NR | | Incidents | |
| Ranked Low | NR | | NR | | NR | | Traffic volun speeds, Pha lengths, Roa Weather cou Current worl Scheduled v Emergency/ routes and p | asing/cycle ad condition nditions, k zones, work zones /evacuation |
| Ranked Low | | | | | | | | |
| Groups that make requests for the data | NR | | NR | | NR | | Lane occupa classification movements Emergency signal preen Transit vehic priority, Rou designations emergency, Intermodal (water) conn- Highway op coordination | n, Turning , Queues, vehicle nption, cle signal ute s (snow etc.), (air, rail, ections, erations |
| Groups that make requests for the data | | | | | | | | |
| | NR | | NR | | NR | | Consultants | i |
| What is the data used for? | NR | | NR | | NR | | Traffic analy | veis Planni |

| | Jersey | / City(NJ) | Middlesex | County(NJ) | Mount V | Mount Vernon City | | u County |
|--|--------|------------|-----------|------------|---------|-------------------|------|----------|
| Agency Name | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Technologies your agency uses to disseminate: | | | | | | | | |
| | NR | NR | NR | NR | NR | NR | NR | NR |
| Technologies your agency (through another agency or org.) uses to disseminate: | NR | NR | NR | NR | NR | NR | NR | NR |
| Internet web site reporting arterial conditions | NR | | NR | | NR | | NR | |
| Telephone system for reporting arterial information to the public | NR | | | | NR | | NR | |
| Organizations your agency sends information for dissemination to the public | NR | | NR NR | | | NR | | |
| Arterial Incident Management Section | | | | | | | | |
| Methods used to distribute incident location and severity information | | | | | | | | |
| to the public | | | | | | | | |
| Technologies your agency uses to disseminate: | | | | | | | | |
| | NR | NR | NR | NR | NR | NR | NR | NR |
| Technologies your agency (through another agency or org.) uses to disseminate: | NR | NR | NR | NR | NR | NR | NR | NR |
| Internet web site reporting incident information | NR | | NR | | NR | | NR | |
| Telephone system for reporting incident information to the public | NR | | NR | | NR | | NR | |
| Organizations your agency sends information for dissemination to the public | NR | | NR | | NR | | NR | |

| | New Jerse Transp | y Department of ortation(NJ) | New Jersey Highway Authority(NJ) | | New Rochelle City | |
|--|---------------------|------------------------------|-------------------------------------|------|-------------------|------|
| Agency Name | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| | | | | | | |
| Agency Returned Survey? | Yes | | Yes | | Yes | |
| Arterial Management Section | | | | | | |
| Data collected, archived, and/or transferred to another agency | | | | | | |
| Collected by your agency | | | | | | |
| Archived by your agency | NR | NR | NR | NR | NR | NR |
| | | | | | | |
| Transferred to another agency by your agency | NR | NR | NR | NR | NR | NR |
| Importance of making information available to the public | NR | NR | NR | NR | NR | NR |

| | New Jersey Department of Transportation(NJ) | | New Jersey Highway Authority(NJ) | | New Rochelle City | |
|--|--|------|-------------------------------------|------|-------------------|------|
| Agency Name | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Ranked High | | | | | | • |
| | | | | | | |
| | | | | | | |
| | NR | | NR | | NR | |
| Ranked Medium | | | | | | |
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| | NR | | NR | | NR | |
| Ranked Low | | | | | | |
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| | | | | | | |
| | NR | | NR | | NR | |
| Groups that make requests for the data | INR | | INK | | INK | |
| Stoups that make requests for the data | | | | | | |
| | NR | | NR | | NR | |
| Nhat is the data used for? | | | | | | |
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| | NR | | | | | |
| | | | NR | | NR | |

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| | | New Jersey Department of Transportation(NJ) | | New Jersey Highway Authority(NJ) | | New Rochelle City | |
|--|---|---|---------------------|-------------------------------------|------|-------------------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | |
| Technologies your agency uses to disseminate: | | | | | | | |
| | E-mail or other direct PC communication | Dedicated cable TV, Telephone system, Internet Web sites, Kiosks, E-mail or other direct PC communication | Telephone system | Telephone system | NR | NR | |
| Technologies your agency (through another agency or org.) uses to disseminate: | NR | NR | NR | NR | NR | NR | |
| nternet web site reporting arterial conditions | NR NR | | NR | | | | |
| elephone system for reporting arterial information to the public | | | NR | | NR | | |
| Drganizations your agency sends information for dissemination to the public | NR | | NR | | NR | | |
| Arterial Incident Management Section | | | | | | | |
| Aethods used to distribute incident location and severity information | | | | | | | |
| to the public | | | | | | | |
| Technologies your agency uses to disseminate: | NR | Dedicated cable TV, Telephone system, Internet Web sites, Kiosks, E-mail or other direct PC communication | Telephone system | Telephone system | NR | NR | |
| Technologies your agency (through another agency or org.) uses to disseminate: | NR | NR | NR | NR | NR | NR | |
| nternet web site reporting incident information | NR | 1 | NR | | NR | | |
| elephone system for reporting incident information to the public | NR | | NR | | NR | | |
| Drganizations your agency sends information for dissemination to the public | NR | | NR | | NR | | |

| | | City DOT | New York City DOT for Queens Count | | |
|--|---|---|------------------------------------|------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| | | | | | |
| Agency Returned Survey? | Yes | | Yes | | |
| Arterial Management Section | | | | | |
| Data collected, archived, and/or transferred to another agency | | | | | |
| Collected by your agency | Traffic volumes, Traffic speeds, Turning movements, Phasing/cycle lengths, Emergency vehicle signal preemption, Current work | | | | |
| | zones, Scheduled work | | | | |
| | zones | NR | NR | NR | |
| | | | | | |
| | Phasing/cycle lengths, | | | | |
| | Emergency vehicle signal | | | | |
| Transferred to another agency by your agency | preemption | NR | NR | NR | |
| | Current work zones, | Traffic volumes, Traffic speeds, Turning movements, Current work zones | NR | NR | |
| mportance of making information available to the public | | | | | |

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| | New Y | ork City DOT | New York City DOT | for Queens County |
|--|--|------------------------------|-------------------|-------------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Ranked High | | | | |
| | | | | |
| | Current work zeneo. Cal | hadulad work zanaa | NR | |
| Ranked Medium | Current work zones, Sci | neduled work zones | INK | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | Traffic volumes, Traffic | speeds, Turning movements, | | |
| | Phasing/cycle lengths, E preemption | Emergency vehicle signal | NR | |
| Ranked Low | | | | |
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| | | | | |
| | | | NR | |
| Groups that make requests for the data | NR | | | |
| | | | | |
| What is the data used for? | Universities, State DOT | personnel, Consultants | NR | |
| vnat is the data used for? | | | | |
| | | | | |
| | | | | |
| | | | | |
| | Traffic analysis of the | ation increased data makes (| | |
| | Planning | uction impact determination, | NR | |
| Methods used to disseminate arterial information to the public | | | | |

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| | New York | < City DOT | New York City DC | T for Queens County |
|--|--|--------------------|---|---|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Technologies your agency uses to disseminate: | | | | |
| | Telephone system | Internet Web sites | Telephone system, Internet Web sites, Pagers or personal data assistants, E- mail or other direct PC communication | Dedicated cable TV, Kiosks, In-vehicle navigation systems |
| Technologies your agency (through another agency or org.) uses to disseminate: | NR | NR | NR | NR |
| Internet web site reporting arterial conditions | NR | | NR | |
| Telephone system for reporting arterial information to the public | 1-877-DOT-MOVE | | NR | |
| Organizations your agency sends information for dissemination to the public | Transcom;NYSDOT | | NR | |
| Arterial Incident Management Section | | | | |
| Methods used to distribute incident location and severity information | | | | |
| to the public | | | | |
| Technologies your agency uses to disseminate: | Dedicated cable TV, Telephone system, E-mail or other direct PC communication | Internet Web sites | Pagers or personal data assistants | Dedicated cable TV, Telephone system, Kiosks, E-mail or other direct PC communication, In- vehicle navigation systems |
| Technologies your agency (through another agency or org.) uses to disseminate: | NR | NR | NR | NR |
| Internet web site reporting incident information | NR | | NR | |
| Telephone system for reporting incident information to the public | 1-877-DOT-MOVE | | NR | |
| Organizations your agency sends information for dissemination to the public | NR | | NR | |

| | New York State D | OT-Hudson Valley Region | | | |
|--|------------------|-------------------------|---|------|--|
| | | 8 | New York State DOT-Long Island Region 10 | | |
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| | | | | | |
| Agency Returned Survey? | Yes | | Yes | | |
| Arterial Management Section | | | | | |
| Data collected, archived, and/or transferred to another agency | | | | | |
| Collected by your agency | | | | | |
| | | | | | |
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| | | | | | |
| | | | | | |
| | | | Traffic volumes, Traffic | | |
| | | | speeds, Phasing/cycle | | |
| | | | lengths, Weather | | |
| | | | conditions, Incidents, Current work zones, | | |
| | NR | NR | Scheduled work zones | NR | |
| Archived by your agency | | | | | |
| | | | | | |
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| | | | | | |
| | | | | | |
| | | | Traffic volumes, Traffic | | |
| | | | speeds, Phasing/cycle | | |
| | | | lengths, Incidents, Current | | |
| | NR | NR | work zones, Scheduled work zones | NR | |
| Transferred to another agency by your agency | | | WORK 201163 | | |
| Tunision of to another agency by your agency | | | | | |
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| | | | | | |
| | | | Incidents, Current work | | |
| | | | zones, Scheduled work | | |
| | NR | NR | zones | NR | |
| Importance of making information available to the public | | | | | |

| | New York State DO | Г-Hudson Valley Regio | on | |
|--|-------------------|-----------------------|-------------------------------|----------------------------|
| | | 8 | New York State DOT- | |
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Ranked High | | | | |
| | | | | |
| | | | Traffic speeds, Incidents, C | urrent work zones |
| | NR | | Scheduled work zones | |
| Ranked Medium | | | | |
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| | NR | | NR | |
| Ranked Low | | | | |
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| | | | Traffic volumes, Phasing/cy | cle lengths, Weather/ |
| | NR | | conditions | |
| Groups that make requests for the data | | | | |
| | | | Universities, Media (I.e., T) | / stations, radio stations |
| What is the data used for? | NR | | Consultants | |
| what is the data used for? | | | | |
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| | NR | | Traffic analysis, Planning, I | Dissemination to the pub |
| Methods used to disseminate arterial information to the public | | | | |

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| | New York State DOT | -Hudson Valley Region | New York State DOT-Long Island Region 10 | | |
|--|---|--|---|--------------------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| Technologies your agency uses to disseminate: | | | | | |
| | | Dedicated cable TV, Telephone system, Internet Web sites, Pagers or personal data assistants, Interactive TV, Kiosks, E-mail or other direct | | | |
| | NR | PC communication | Facsimile | Internet Web sites | |
| Technologies your agency (through another agency or org.) uses to disseminate: | NR | NR | Dedicated cable TV, Internet Web sites | NR | |
| nternet web site reporting arterial conditions | NR | | www.metrocommute.co | m | |
| Felephone system for reporting arterial information to the public | | | NR | | |
| Drganizations your agency sends information for dissemination to the public | | | Shadow Traffic | | |
| Arterial Incident Management Section | | | | | |
| Nethods used to distribute incident location and severity information | | | | | |
| to the public | | | | | |
| Technologies your agency uses to disseminate: | Telephone system, Internet Web sites, E- mail or other direct PC communication | Dedicated cable TV, Telephone system, Pagers or personal data assistants, Interactive TV, Kiosks, E-mail or other direct PC communication | NR | NR | |
| Technologies your agency (through another agency or org.) uses to disseminate: | NR | NR | NR | NR | |
| nternet web site reporting incident information | NR | 1 | NR | | |
| elephone system for reporting incident information to the public | NR | | NR | | |
| Drganizations your agency sends information for dissemination to the public | NR | | NR | | |

| | New York St | ate DOT-Region 11 | Newark City(NJ) | | Norwalk City(CT) | |
|--|-------------|-------------------|-----------------|------|------------------|------|
| Agency Name | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| | | | | | | |
| Agency Returned Survey? | Yes | | Yes | | Yes | |
| Arterial Management Section | | | | | | |
| Data collected, archived, and/or transferred to another agency | | | | | | |
| Collected by your agency | | | | | | |
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| | NR | NR | NR | NR | NR | NR |
| Archived by your agency | | | | | | |
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| Transformed to another agona, buyaur agona, | NR | NR | NR | NR | NR | NR |
| Transferred to another agency by your agency | | | | | | |
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| | | | | | | |
| | NR | NR | NR | NR | NR | NR |
| mportance of making information available to the public | אויו | | INFN | | INFX | INEX |

| | New York State DOT-Region 11 | Newark City(NJ) | Norwalk City(CT) |
|--|------------------------------|-----------------|------------------|
| Agency Name | 1999 2005 | 1999 2005 | 1999 2005 |
| Agency Name Ranked High | | | |
| | | | |
| | | | |
| | NR | NR | NR |
| Ranked Medium | | | |
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| | | | |
| | NR | NR | NR |
| Ranked Low | | | |
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| Groups that make requests for the data | NR | NR | NR |
| noups that make requests for the data | | | |
| | NR | NR | NR |
| Vhat is the data used for? | | | |
| | | | |
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| | | | |
| | | | |
| | | | |
| | NR | NR | NR |
| Aethods used to disseminate arterial information to the public | | | |

H - 29

| | New York S | tate DOT-Region 11 | Newa | 'k City(NJ) | Norwa | alk City(CT) | |
|--|------------|--------------------|----------|-------------|----------|--|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | |
| Technologies your agency uses to disseminate: | | | | | | | |
| | NR | NR | NR | NR | NR | Dedicated cable TV, Telephone system, Internet Web sites, Kiosks | |
| Technologies your agency (through another agency or org.) uses to disseminate: | NR | NR | NR | NR | NR | NR | |
| nternet web site reporting arterial conditions | NR | | NR | | NR | | |
| Telephone system for reporting arterial information to the public | NR | | NR | | NR | | |
| Organizations your agency sends information for dissemination to the public | NR | | NR | NR | | | |
| Arterial Incident Management Section | | | | | | | |
| Methods used to distribute incident location and severity information | | | | | | | |
| to the public | | | | | | | |
| Technologies your agency uses to disseminate: | NR | NR | NR | NR | NR | Dedicated cable TV, Telephone system, Internet Web sites, Kiosks | |
| Technologies your agency (through another agency or org.) uses to disseminate: | NR | NR | NR | NR | NR | NR | |
| nternet web site reporting incident information | | INF | | | | INIX | |
| | NR | | NR | | NR | | |
| Telephone system for reporting incident information to the public Organizations your agency sends information for dissemination to the public | NR NR | | NR NR | | NR NR | | |

| | Ocean | County(NJ) | Ramapo Town(NJ) | | |
|--|-------|------------|-----------------|------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| | | | | | |
| Agency Returned Survey? | Yes | | Yes | | |
| Arterial Management Section | | | | | |
| Data collected, archived, and/or transferred to another agency | | | | | |
| Collected by your agency | | | | | |
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| | NR | NR | NR | NR | |
| Archived by your agency | | | | | |
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| Transformed to such as such as a suc | NR | NR | NR | NR | |
| Transferred to another agency by your agency | | | | | |
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| | NR | NR | NR | NR | |
| Importance of making information available to the public | | | INI X | | |

H - 32

| | | Ocean County(NJ) | Ramapo Town(NJ) |
|---|--------|------------------|-----------------|
| Agency Name | 199 | | 1999 2005 |
| Ranked High | | | |
| | | | |
| | | | |
| | NR | | NR |
| Ranked Medium | | | |
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| | NR | | NR |
| Ranked Low | | | |
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| Prouve that wells requests for the date | NR | | NR |
| Groups that make requests for the data | | | |
| | NR | | NR |
| What is the data used for? | | | |
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| | | | |
| | | | |
| | NR | | NR |
| Methods used to disseminate arterial information to the p | public | | |

| | Ocea | n County(NJ) | Rama | po Town(NJ) |
|--|------|--------------|------|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Technologies your agency uses to disseminate: | | | | |
| | NR | NR | NR | NR |
| Technologies your agency (through another agency or org.) uses to disseminate: | NR | NR | NR | NR |
| Internet web site reporting arterial conditions | NR | | NR | |
| Telephone system for reporting arterial information to the public | NR | | NR | |
| Organizations your agency sends information for dissemination to the public | NR | | NR | |
| Arterial Incident Management Section | | | | |
| Methods used to distribute incident location and severity information | | | | |
| to the public | | | | |
| Technologies your agency uses to disseminate: | | | | |
| | NR | NR | NR | NR |
| Technologies your agency (through another agency or org.) uses to disseminate: | NR | NR | NR | NR |
| Internet web site reporting incident information | NR | | NR | |
| Telephone system for reporting incident information to the public | NR | | NR | |
| Organizations your agency sends information for dissemination to the public | NR | | NR | |

| | | wn Town | Somerset County | | |
|--|--|---------|--|------|--|
| | 1999 | 2005 | 1999 | 2005 | |
| | | | | | |
| | Yes | | Yes | | |
| | | | | | |
| | | | | | |
| Collected by your agency | Traffic volumes, Traffic speeds, Vehicle classification, Turning movements, Phasing/cycle lengths, Emergency vehicle signal preemption | NR | Traffic volumes, Traffic speeds, Turning movements, Phasing/cycle lengths, Queues, Route designations (snow emergency, etc.), Incidents, Current work zones, Scheduled work zones, Emergency/evacuation routes and procedures | NR | |
| Archived by your agency | Traffic volumes, Traffic speeds, Vehicle classification, Turning movements, Phasing/cycle lengths, Emergency vehicle signal preemption | NR | Traffic volumes, Traffic speeds, Turning movements, Phasing/cycle lengths, Queues, Route designations (snow emergency, etc.), Incidents, Current work zones, Scheduled work zones, Emergency/evacuation routes and procedures | NR | |
| Transferred to another agency by your agency | | | Traffic volumes, Traffic speeds, Turning movements, Phasing/cycle lengths, Queues, Route designations (snow emergency, etc.), Incidents, Current work zones, Scheduled work zones, Emergency/evacuation | | |
| | NR | NR | routes and procedures | NR | |

| | Smithtown To | | Somerset County | | | |
|--|------------------------------------|------------------------|-----------------------------|----------------------|--|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | | |
| Ranked High | | 2000 | 1000 | 2000 | | |
| | | | Route designations (snow | emergency etc.) | | |
| | | | Incidents, Current work zo | nes, Scheduled work | | |
| | NR | | zones, Emergency/evacua | | | |
| Ranked Medium | | | | | | |
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| | | | Traffic volumes, Traffic sp | eeds Turning movemen | | |
| | NR | | Phasing/cycle lengths, Qu | eues | | |
| Ranked Low | | | | | | |
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| | Traffic volumes, Traffic speeds, | Johiela classification | | | | |
| | Turning movements, Phasing/cyd | cle lengths, | ι, | | | |
| | Emergency vehicle signal preem | ption | NR | | | |
| Groups that make requests for the data | | | | | | |
| | County of Suffolk Traffic Division | | State DOT personnel, Cor | sultants | | |
| What is the data used for? | | | | | | |
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| | Traffic analysis | | Traffic analysis, Planning | | | |
| Methods used to disseminate arterial information to the public | | | | | | |

H - 35

| | Sm | ithtown Town | Somers | Somerset County | | |
|--|------|--------------|--|-----------------------|--|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | | |
| Technologies your agency uses to disseminate: | | | | | | |
| | NR | NR | Internet Web sites, Pagers or personal data assistants, E-mail or other direct PC communication, Facsimile | | | |
| Technologies your agency (through another agency or org.) uses to disseminate: | NR | NR | NR | NR | | |
| nternet web site reporting arterial conditions | NR | | www.co.somerset.nj.us | www.co.somerset.ni.us | | |
| Felephone system for reporting arterial information to the public | NR | | NR | | | |
| Drganizations your agency sends information for dissemination to the public | NR | | NR | | | |
| Arterial Incident Management Section | | | | | | |
| Nethods used to distribute incident location and severity information | | | | | | |
| to the public | | | | | | |
| Technologies your agency uses to disseminate: | NR | NR | Telephone system, Internet Web sites, Pagers or personal data assistants, Cell phone/voice, Facsimile | NR | | |
| Technologies your agency (through another agency or org.) uses to disseminate: | NR | NR | NR | NR | | |
| nternet web site reporting incident information | NR | 1 | NR | T | | |
| elephone system for reporting incident information to the public | NR | | NR | | | |
| Drganizations your agency sends information for dissemination to the public | NR | | NR | | | |

| | | | Union C | City - New | | | | |
|--|----------|------------|---------|------------|---------------|------|---|---|
| | Stamford | d City(CT) | Jersey | | Warren County | | Westchester County | |
| Agency Name | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| | | | | | | | | |
| Agency Returned Survey? | Yes | | Yes | | Yes | | Yes | |
| Arterial Management Section | | | | | | | | |
| Data collected, archived, and/or transferred to another agency | | | | | | | | |
| Collected by your agency Archived by your agency | NR | NR | NR | NR | NR | NR | Current work zones, | Traffic volumes, Traffic speeds, Vehicle classification, Turning movements, Phasing/cycle lengths, Current work zones, Scheduled work zones |
| Transferred to another agency by your agency | NR | NR | NR | NR | NR | NR | Current work zones, | Traffic volumes, Traffic speeds, Vehicle classification, Turning movements, Phasing/cycle lengths. Current work zones, Scheduled work zones |
| Importance of making information available to the public | NR | NR | NR | NR | NR | NR | Traffic volumes, Traffic speeds, Vehicle classification, Current work zones, Scheduled work zones | Traffic volumes, Traffic speeds, Vehicle classification, Current work zones, Scheduled work zones |

| | 01- (| | Union City - New CT) Jersey Warren County | | Orant | | | | |
|--|-------|------------|--|------|-------|------|-----------------------|----------------------------|--|
| A | | d City(CT) | | rsey | | | | chester County | |
| Agency Name | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | |
| Ranked High | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | Traffic volumes, Cu | urrent work zones, | |
| | NR | | NR | | NR | | Scheduled work zo | nes | |
| Ranked Medium | | | | | | | | | |
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| | NR | | NR | | NR | | NR | | |
| Ranked Low | | | | | | | | | |
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| | | | | | | | | | |
| | | | | | | | Traffic speeds, Vel | nicle classification, Turn | |
| | NR | | NR | | NR | | movements, Phasi | ng/cycle lengths | |
| Groups that make requests for the data | | | | | | | | | |
| | | | | | | | State DOT personr | nel, Media (I.e., TV | |
| What is the data used for? | NR | | NR | | NR | | stations, radio stati | ons), MPOs, Consultan | |
| what is the data used for? | | | | | | | | | |
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| | | | | | | | | | |
| | | | | | | | Traffic analysis, Co | onstruction impact | |
| | | | | | | | | nning, Dissemination to | |
| | NR | | NR | | NR | | public | | |
| Nethods used to disseminate arterial information to the public | | | | | | | | | |

| | | d City(CT) | Je | ity - New rsey | 1 | County | Westchester County | |
|--|------|-----------------------|------|-------------------|------|--------|-------------------------------|------|
| Agency Name | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Technologies your agency uses to disseminate: | | | | | | | | |
| | NR | Internet Web sites | NR | NR | NR | NR | NR | NR |
| Technologies your agency (through another agency or org.) uses to disseminate: | NR | NR | NR | NR | NR | NR | NR | NR |
| Internet web site reporting arterial conditions | NR | | NR | | NR | | www.co.westcheester.ny.us/dpw | |
| Telephone system for reporting arterial information to the public | NR | | NR | | NR | | NR | |
| Organizations your agency sends information for dissemination to the public | NR | | NR | | NR | | NYMTC | |
| Arterial Incident Management Section | | | | ſ | | | | |
| Methods used to distribute incident location and severity information | | | | | | | | |
| to the public | | | | | | | | |
| Technologies your agency uses to disseminate: | | Internet | | | | | | |
| Technologies (managed (through an ether | NR | | NR | NR | NR | NR | NR | NR |
| Technologies your agency (through another agency or org.) uses to disseminate: | NR | NR | NR | NR | NR | NR | NR | NR |
| Internet web site reporting incident information | NR | | NR | | NR | | NR | |
| Telephone system for reporting incident information to the public | NR | | NR | | NR | | NR | |
| Organizations your agency sends information for dissemination to the public | NR | | NR | | NR | | NR | |

Appendix I Transit Management Components

| | Clarkstowr | n Mini-Trans | Command Bus Company | | Connecticut Transit- Stamford(CT) | | Green Bus Lines | |
|--|------------|--------------|---------------------|------|--------------------------------------|------|-----------------|------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Agency Returned Survey? | Yes | | Yes | | Yes | | Yes | |
| Number of vehicles used in revenue service | | | | | | | | |
| Fixed Route Bus | 10 | NR | 132 | NR | 42 | NR | 235 | 275 |
| Heavy or Rapid Rail | NR | NR | 0 | NR | NR | NR | NR | NR |
| Light Rail | NR | NR | 0 | NR | NR | NR | NR | NR |
| Demand Responsive | NR | NR | 0 | NR | NR | NR | NR | NR |
| Commuter Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat | NR | NR | NR | NR | NR | NR | NR | NR |
| Have of plan to have an Automated Vehicle Location System? | No | | No | | No | | Yes | |
| Primary and Secondary Location Technologies Used | | | | | | | | |
| Primary Technologies | | | | | | | | |
| GPS | No | No | No | No | No | No | No | Yes |
| Sign/Odometer | No | No | No | No | No | No | No | No |
| Dead-Reckoning | No | No | No | No | No | No | No | No |
| LORAN C | No | No | No | No | No | No | No | No |
| Other | No | No | No | No | No | No | No | No |
| Backup Technologies | | | | | | | | |
| GPS | No | No | No | No | No | No | No | No |
| Sign/Odometer | No | No | No | No | No | No | No | No |
| Dead-Reckoning | No | No | No | No | No | No | No | Yes |
| LORAN C | No | No | No | No | No | No | No | No |
| Other | No | No | No | No | No | No | No | No |
| Number of Vehicles Equipped with AVL | | | | | | | | |
| Fixed Route Bus | NR | NR | NR | NR | NR | NR | 0 | 100 |
| Heavy or Rapid Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive | NR | NR | NR | NR | NR | NR | NR | NR |
| Commuter Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat | NR | NR | NR | NR | NR | NR | NR | NR |
| Motor Buses Operated as Vehicle Probes | | | | | | | | |
| Number of Motor Buses equipped as probes on freeways? | NR | | NR | | NR | | NR | |
| Number of Motor Buses equipped as probes on arterials? | NR | | NR | | NR | | NR | |
| Have Organized Regional Incident Management Program? | Yes | | No | | No | | No | |

| | Clarkstowr | n Mini-Trans | Command E | Bus Company | Connecticut Transit- Stamford(CT) | | Green B | us Lines |
|--|------------|--------------|-----------|-------------|--------------------------------------|------|---------|----------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Have Automated Traveler Information System? | Yes | | Yes | | No | | Yes | |
| Services Automated Traveler Info. System Applies: | | | | | | | | |
| Fixed Route | Yes | | Yes | | No | | Yes | |
| Heavy Rail | No | | No | | No | | No | |
| Light Rail | No | | No | | No | | No | |
| Demand Responsive | No | 1 | No | | No | | No | |
| Commuter Rail | No | | No | | No | | No | |
| Ferry | No | | No | | No | | No | |
| Locations where traveler information is displayed to public | | | | | | | | |
| Number of bus stops on fixed transit routes | 30 | NR | NR | NR | NR | NR | NR | NR |
| Bus stops on fixed transit routes that display traveler info to the public | 30 | NR | NR | NR | NR | NR | NR | NR |
| Number of rail stations | 1 | NR | NR | NR | NR | NR | NR | NR |
| Number of rail stations that display traveler information | 1 | NR | NR | NR | NR | NR | NR | NR |
| Number of other locations that display traveler information to public | NR | NR | NR | NR | NR | NR | NR | NR |
| Number of vehicles the traveler information system has available | | 1 | | 1 | | 1 | | |
| Fixed Route Bus | 10 | NR | NR | NR | NR | NR | 235 | 275 |
| Heavy or Rapid Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive | NR | NR | NR | NR | NR | NR | NR | NR |
| Commuter Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat | NR | NR | NR | NR | NR | NR | NR | NR |
| Deployment of Communications Technology | | | | | | | | |
| Attributes of Radio System: | | | | | | | | |
| Digital? | No | | Yes | | No | | Yes | |
| Analog? | Yes | | No | | Yes | | No | |
| Trunked? | Yes | | Yes | | Yes | | Yes | |
| Regular? | No | | No | | No | | No | |
| Services that use a Digital or Trunked Radio System | | | | | | | | |
| <u>Digital Only</u> | | | | | | | | |
| Fixed Route Bus | No | No | No | No | No | No | Yes | No |
| Heavy or Rapid Rail | No | No | No | No | No | No | No | No |
| Light Rail | No | No | No | No | No | No | No | No |
| Demand Responsive | No | No | No | No | No | No | No | No |
| Commuter Rail | No | No | No | No | No | No | No | No |
| Ferry Boat | No | No | No | No | No | No | No | No |
| <u>Trunked Only</u> | | | | | | | | |
| Fixed Route Bus | No | No | Yes | No | No | No | Yes | No |

| | | Mini-Trans | | Bus Company | Stamfo | cut Transit- ord(CT) | | us Lines |
|---|------|------------|------|-------------|--------|-------------------------|------|----------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Heavy or Rapid Rail | No | No | No | No | No | No | No | No |
| Light Rail | No | No | No | No | No | No | No | No |
| Demand Responsive | No | No | No | No | No | No | No | No |
| Commuter Rail | No | No | No | No | No | No | No | No |
| Ferry Boat | No | No | No | No | No | No | No | No |
| Have of plan to have Automatic Passenger Counters (APCs)? | No | | Yes | | No | | Yes | |
| Methods used to count passengers | | | | | | | | |
| Treadle Mats | No | | No | | No | | No | |
| Infrared Beams | No | | No | | No | | Yes | |
| Primary and Secondary Location Technologies Used | | | | | | | | |
| Primary Technologies | | | | | | | | |
| GPS | No | No | No | No | No | No | No | Yes |
| Differential GPS | No | No | No | No | No | No | No | No |
| Signpost/Odometer | No | No | No | No | No | No | No | No |
| Dead_Reckoning | No | No | No | No | No | No | No | No |
| LORAN C | No | No | No | No | No | No | No | No |
| Other | No | No | No | No | No | No | No | No |
| Backup Technologies | | | | | | | | |
| GPS | No | No | No | No | No | No | No | No |
| Differential GPS | No | No | No | No | No | No | No | No |
| Signpost/Odometer | No | No | No | No | No | No | No | No |
| Dead_Reckoning | No | No | No | No | No | No | No | Yes |
| LORAN C | No | No | No | No | No | No | No | No |
| Other | No | No | No | No | No | No | No | No |
| Number of Vehicles with APCs | | | | | | | | |
| Fixed Route Bus | NR | NR | NR | NR | NR | NR | 0 | 100 |
| Heavy or Rapid Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive | NR | NR | NR | NR | NR | NR | NR | NR |
| Commuter Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat | NR | NR | NR | NR | NR | NR | NR | NR |
| Remote Real-Time Monitoring and Computer Assisted Dispatching | | | | | | | | |
| Remote Real-Time Monitoring | | | | | | | | |
| Fixed Route Bus | NR | NR | NR | NR | NR | NR | 0 | 100 |
| Heavy or Rapid Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive | NR | NR | NR | NR | NR | NR | NR | NR |

| | | | | | Connectio | cut Transit- | | |
|--|------------|--------------|-----------|-------------|-----------|--------------|---------|-----------|
| | Clarkstowr | n Mini-Trans | Command E | Bus Company | | ord(CT) | Green E | lus Lines |
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Commuter Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat | NR | NR | NR | NR | NR | NR | NR | NR |
| Automated Dispatching or Control Software | | | | | | | | |
| Fixed Route Bus | NR | NR | NR | NR | NR | NR | 0 | 100 |
| Heavy or Rapid Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive | NR | NR | NR | NR | NR | NR | NR | NR |
| Commuter Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat | NR | NR | NR | NR | NR | NR | NR | NR |
| Coordinate or plan to coordinate travel request and vehicle | | | | | | | | |
| dispatching for multiple agencies? | No | | No | | No | | No | |
| Is there or will there be a Transportation Management Center | | | | | | | | |
| (TMC) in the region that controls transit and highway modes? | No | | NR | | NR | | NR | |
| Modes that TMC currently controls: | | | | | | | | |
| Highways | No | No | No | No | No | No | No | No |
| Fixed Route Bus | No | No | No | No | No | No | No | No |
| Heavy or Rapid Rail | No | No | No | No | No | No | No | No |
| Light Rail | No | No | No | No | No | No | No | No |
| Demand Responsive | No | No | No | No | No | No | No | No |
| Commuter Rail | No | No | No | No | No | No | No | No |
| Ferry Boat | No | No | No | No | No | No | No | No |
| Other | No | No | No | No | No | No | No | No |
| Priority at Traffic Signals and Ramp Meter Priority | | | | | | | | |
| Priority at Traffic Signals | | | | | | | | |
| Fixed Route Bus | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive | NR | NR | NR | NR | NR | NR | NR | NR |
| Ramp Meter Priority | | | | | | | | |
| Fixed Route Bus | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive | NR | NR | NR | NR | NR | NR | NR | NR |
| Number of Vehicles Equipped with Navigation Aids | | | | | | <u> </u> | | |
| Fixed Route Bus | NR | NR | NR | NR | NR | NR | NR | NR |
| Heavy or Rapid Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive | NR | NR | NR | NR | NR | NR | NR | NR |

| | | | | | Connectio | cut Transit- | | |
|--|------------|------------|-----------|------------|-----------|--------------|---------|----------|
| | Clarkstown | Mini-Trans | Command B | us Company | | ord(CT) | Green B | us Lines |
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Commuter Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat | NR | NR | NR | NR | NR | NR | NR | NR |
| ITS Standards Used Related to Transit Management | | | | | | | | |
| TCIP On Boad Objects (TCIP-OB) | No | | No | | No | | No | |
| TCIP Traffic Management Objects (TCIP-TM) | No | | No | | No | | No | |
| TCIP Common Public Transportation Objects (TCIP-CPT) | No | | No | | No | | No | |
| TCIP Passenger Information Objects (TCIP-PI) | No | | No | | No | | No | |
| TCIP Incident Management Objects (TCIP-IM) | No | | No | | No | | No | |
| TCIP Fare Collection Objects (TCIP-FC) | No | | No | | No | | No | |
| TCIP Spatial Representation Objects (TCIP-SP) | No | | No | | No | | No | |
| TCIP Control Center Objects (TCIP-CC) | No | | No | | No | | No | |
| TCIP Scheduling/Runcutting Objects (TCIP-SCH) | No | | No | | No | | No | |
| Send data communication between micro computer and heavy duty | 1 | | | | | | | |
| vehicle applications (SAE J1708) | No | | No | | No | | No | |
| Would agency be willing to participate in testing of ITS Standards? | No | | No | | No | | Yes | |
| Have agreements in place with other agencies to use similar hardware | 1 | | | | | | | |
| and software to aid maintenance and interoperability? | No | | No | | No | | No | |
| Electronic Fare Payment | | | | | | | | |
| Have full operational Electronic Fare Payment System? | No | | Yes | | Yes | | Yes | |
| Methods of Fare Payment | | | | | | | | |
| Stored value card with fare deducted for each trip | | | | | | | | |
| Magnetic Stripe | No | | No | | Yes | | Yes | |
| Smart Card | No | | No | | No | | No | |
| Debit Card | No | | No | | No | | No | |
| Billed by the month for trips taken | | | | | | | | |
| Magnetic Stripe | No | | No | | Yes | | No | |
| Smart Card | No | | No | | No | | No | |
| Credit Card | No | | No | | No | | No | |
| Monthly Pass | | | | | | | | |
| Magnetic Stripe | No | | No | | Yes | | No | |
| Smart Card | No | | No | | No | | No | |
| Vehicles/Stations Equipped with Automated Payment Mechanism | | | | | | | | |
| Magnetic Stripe Readers | | | | | | | | |
| Fixed Route Bus Vehicles | NR | NR | NR | NR | 42 | 42 | 235 | 275 |
| Heavy or Rapid Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive Vehicles | NR | NR | NR | NR | NR | NR | NR | NR |
| Commuter Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |

| | | Clarkstown Mini-Trans | | us Company | Stamfo | cut Transit- ord(CT) | | us Lines |
|------------------------------|------|-----------------------|------|------------|--------|-------------------------|------|----------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Ferry Boat Landings | NR | NR | NR | NR | NR | NR | NR | NR |
| Smart Card Readers | | | | | | | | |
| Fixed Route Bus Vehicles | NR | NR | NR | NR | NR | NR | NR | NR |
| Heavy or Rapid Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive Vehicles | NR | NR | NR | NR | NR | NR | NR | NR |
| Commuter Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat Landings | NR | NR | NR | NR | NR | NR | NR | NR |
| Credit Card | | | | | | | | |
| Fixed Route Bus Vehicles | NR | NR | NR | NR | NR | NR | NR | NR |
| Heavy or Rapid Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive Vehicles | NR | NR | NR | NR | NR | NR | NR | NR |
| Commuter Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat Landings | NR | NR | NR | NR | NR | NR | NR | NR |
| Debit Card | | | | | | | | |
| Fixed Route Bus Vehicles | NR | NR | NR | NR | NR | NR | NR | NR |
| Heavy or Rapid Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive Vehicles | NR | NR | NR | NR | NR | NR | NR | NR |
| Commuter Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat Landings | NR | NR | NR | NR | NR | NR | NR | NR |
| NR: No Response | | | | | | | | |

| | Huntingtor | Area Rapid | | | | | | |
|--|------------|------------|--------|---------|---------|-----------|-------------|--------------|
| | Transit | (HART) | Jamaic | a Buses | Long Be | each City | Metro-North | Railroad MTA |
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Agency Returned Survey? | Yes | | Yes | | Yes | | Yes | |
| Number of vehicles used in revenue service | | | | | | | | |
| Fixed Route Bus | 13 | 13 | 103 | 103 | 12 | 12 | NR | NR |
| Heavy or Rapid Rail | NR | NR | NR | NR | 0 | 0 | NR | NR |
| Light Rail | NR | NR | NR | NR | 0 | 0 | NR | NR |
| Demand Responsive | 6 | 10 | NR | NR | 2 | 2 | 887 | 900 |
| Commuter Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat | NR | NR | NR | NR | NR | NR | NR | NR |
| Have of plan to have an Automated Vehicle Location System? | No | | No | | No | | No | |
| Primary and Secondary Location Technologies Used | | | | | | | | |
| Primary Technologies | | | | | | | | |
| GPS | No | No | No | No | No | No | No | No |
| Sign/Odometer | No | No | No | No | No | No | No | No |
| Dead-Reckoning | No | No | No | No | No | No | No | No |
| LORAN C | No | No | No | No | No | No | No | No |
| Other | No | No | No | No | No | No | No | No |
| Backup Technologies | | | | | | | | |
| GPS | No | No | No | No | No | No | No | No |
| Sign/Odometer | No | No | No | No | No | No | No | No |
| Dead-Reckoning | No | No | No | No | No | No | No | No |
| LORAN C | No | No | No | No | No | No | No | No |
| Other | No | No | No | No | No | No | No | No |
| Number of Vehicles Equipped with AVL | | | | | | | | |
| Fixed Route Bus | NR | NR | NR | NR | NR | NR | NR | NR |
| Heavy or Rapid Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive | NR | NR | NR | NR | NR | NR | NR | NR |
| Commuter Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat | NR | NR | NR | NR | NR | NR | NR | NR |
| Motor Buses Operated as Vehicle Probes | | | | | | | | |
| Number of Motor Buses equipped as probes on freeways? | NR | | NR | | NR | | NR | |
| Number of Motor Buses equipped as probes on arterials? | NR | | NR | | NR | | NR | |
| Have Organized Regional Incident Management Program? | No | | No | | No | | No | |

| | | Area Rapid | | _ | | | | |
|--|------|------------|------|---------|------|-----------|------|--------------|
| | | (HART) | | a Buses | 1 | each City | | Railroad MTA |
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Have Automated Traveler Information System? | No | | Yes | | No | | Yes | |
| Services Automated Traveler Info. System Applies: | | | | | | | | |
| Fixed Route | No | | Yes | | No | | No | |
| Heavy Rail | No | | No | | No | | No | |
| Light Rail | No | | No | | No | | No | |
| Demand Responsive | No | 1 | No | | No | | No | |
| Commuter Rail | No | | No | | No | | Yes | |
| Ferry | No | | No | | No | | No | |
| Locations where traveler information is displayed to public | | | | | | | | |
| Number of bus stops on fixed transit routes | NR | NR | 300 | 300 | NR | NR | NR | NR |
| Bus stops on fixed transit routes that display traveler info to the public | NR | NR | 100 | 100 | NR | NR | NR | NR |
| Number of rail stations | NR | NR | 0 | 0 | NR | NR | 115 | 117 |
| Number of rail stations that display traveler information | NR | NR | 0 | 0 | NR | NR | 15 | 25 |
| Number of other locations that display traveler information to public | NR | NR | 0 | 0 | NR | NR | 5 | NR |
| Number of vehicles the traveler information system has available | | | | | | | | |
| Fixed Route Bus | NR | NR | NR | NR | NR | NR | NR | NR |
| Heavy or Rapid Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive | NR | NR | NR | NR | NR | NR | NR | NR |
| Commuter Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat | NR | NR | NR | NR | NR | NR | NR | NR |
| Deployment of Communications Technology | | | | | | | | |
| Attributes of Radio System: | | | | | | | | |
| Digital? | No | | Yes | | No | | No | |
| Analog? | Yes | | No | | Yes | | Yes | |
| Trunked? | No | | Yes | | No | | No | |
| Regular? | Yes | | No | | Yes | | Yes | |
| Services that use a Digital or Trunked Radio System | | | | | | | | |
| Digital Only | | | | | | | | |
| Fixed Route Bus | No | No | Yes | No | No | No | No | No |
| Heavy or Rapid Rail | No | No | No | No | No | No | No | No |
| Light Rail | No | No | No | No | No | No | No | No |
| Demand Responsive | No | No | No | No | No | No | No | No |
| Commuter Rail | No | No | No | No | No | No | No | No |
| Ferry Boat | No | No | No | No | No | No | No | No |
| Trunked Only | | - N | | | | | | |
| Fixed Route Bus | No | No | Yes | No | No | No | No | No |

| | | Area Rapid (HART) | Jamaic | a Buses | Long Be | each City | Metro-North F | Railroad MTA |
|---|------|----------------------|--------|----------|---------|-----------|---------------|--------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Heavy or Rapid Rail | No | No | No | No | No | No | No | No |
| Light Rail | No | No | No | No | No | No | No | No |
| Demand Responsive | No | No | No | No | No | No | No | No |
| Commuter Rail | No | No | No | No | No | No | No | No |
| Ferry Boat | No | No | No | No | No | No | No | No |
| Have of plan to have Automatic Passenger Counters (APCs)? | No | | No | | No | | No | |
| Methods used to count passengers | | | | | | | | |
| Treadle Mats | No | | No | | No | | No | |
| Infrared Beams | No | | No | | No | | No | |
| Primary and Secondary Location Technologies Used | | | | | | | | |
| Primary Technologies | | | | | | | | |
| GPS | No | No | No | No | No | No | No | No |
| Differential GPS | No | No | No | No | No | No | No | No |
| Signpost/Odometer | No | No | No | No | No | No | No | No |
| Dead_Reckoning | No | No | No | No | No | No | No | No |
| LORAN C | No | No | No | No | No | No | No | No |
| Other | No | No | No | No | No | No | No | No |
| Backup Technologies | | | | | | | | |
| GPS | No | No | No | No | No | No | No | No |
| Differential GPS | No | No | No | No | No | No | No | No |
| Signpost/Odometer | No | No | No | No | No | No | No | No |
| Dead_Reckoning | No | No | No | No | No | No | No | No |
| LORAN C | No | No | No | No | No | No | No | No |
| Other | No | No | No | No | No | No | No | No |
| Number of Vehicles with APCs | | | | | | | | |
| Fixed Route Bus | NR | NR | NR | NR | NR | NR | NR | NR |
| Heavy or Rapid Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive | NR | NR | NR | NR | NR | NR | NR | NR |
| Commuter Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat | NR | NR | NR | NR | NR | NR | NR | NR |
| Remote Real-Time Monitoring and Computer Assisted Dispatching | | | | | | | | |
| Remote Real-Time Monitoring | | | | <u> </u> | | | | |
| Fixed Route Bus | NR | NR | NR | NR | NR | NR | NR | NR |
| Heavy or Rapid Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive | NR | NR | NR | NR | NR | NR | NR | NR |

| | Huntington | n Area Rapid | | | | | | |
|--|------------|--------------|--------|---------|---------|-----------|-------------|--------------|
| | Transit | (HART) | Jamaic | a Buses | Long Be | each City | Metro-North | Railroad MTA |
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Commuter Rail | NR | NR | NR | NR | NR | NR | 377 | 377 |
| Ferry Boat | NR | NR | NR | NR | NR | NR | NR | NR |
| Automated Dispatching or Control Software | | | | | | | | |
| Fixed Route Bus | NR | NR | NR | NR | NR | NR | NR | NR |
| Heavy or Rapid Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive | NR | 10 | NR | NR | NR | NR | NR | NR |
| Commuter Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat | NR | NR | NR | NR | NR | NR | NR | NR |
| Coordinate or plan to coordinate travel request and vehicle | | | | | | | | |
| dispatching for multiple agencies? | No | | No | | No | | Yes | |
| Is there or will there be a Transportation Management Center | | | | | | | | |
| (TMC) in the region that controls transit and highway modes? | NR | | Yes | | NR | | NR | |
| Modes that TMC currently controls: | | | | | | | | |
| Highways | No | No | No | No | No | No | No | No |
| Fixed Route Bus | No | No | No | No | No | No | No | No |
| Heavy or Rapid Rail | No | No | No | No | No | No | No | No |
| Light Rail | No | No | No | No | No | No | No | No |
| Demand Responsive | No | No | No | No | No | No | No | No |
| Commuter Rail | No | No | No | No | No | No | No | No |
| Ferry Boat | No | No | No | No | No | No | No | No |
| Other | No | No | No | No | No | No | No | No |
| Priority at Traffic Signals and Ramp Meter Priority | | | | - | | | | |
| Priority at Traffic Signals | | | | | | | | |
| Fixed Route Bus | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive | NR | NR | NR | NR | NR | NR | NR | NR |
| Ramp Meter Priority | | | | | | | | |
| Fixed Route Bus | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive | NR | NR | NR | NR | NR | NR | NR | NR |
| Number of Vehicles Equipped with Navigation Aids | | | | | | | | |
| Fixed Route Bus | NR | NR | NR | NR | NR | NR | NR | NR |
| Heavy or Rapid Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive | NR | NR | NR | NR | NR | NR | NR | NR |

| | | Area Rapid | lovesia | - Duese | Lana Da | ach Citu | Matua Nauth I | |
|--|----------|----------------|----------------|-----------------|----------|-------------------|---------------|----------------------|
| | 1999 | (HART) 2005 | Jamaic 1999 | a Buses 2005 | 1999 | each City 2005 | 1999 | Railroad MTA 2005 |
| Commuter Rail | NR | 2005 NR | NR | 2005 NR | NR | 2005 NR | NR | 2005 NR |
| Ferry Boat | NR | NR | NR | NR | NR | NR | NR | NR |
| ITS Standards Used Related to Transit Management | | | INIX | | | | INIX | |
| TCIP On Boad Objects (TCIP-OB) | No | | No | | No | | No | |
| TCIP Traffic Management Objects (TCIP-TM) | No | | No | | No | | No | |
| TCIP Common Public Transportation Objects (TCIP-CPT) | No | | No | | No | | No | |
| TCIP Passenger Information Objects (TCIP-PI) | No | | No | | No | | No | |
| TCIP Passenger Information Objects (TCIP-FI) | No | | No | | No | | No | |
| TCIP Fare Collection Objects (TCIP-FC) | No | | No | | No | | No | |
| TCIP Pare Collection Objects (TCIP-FC) | No | | No | | No | | No | |
| TCIP Spatial Representation Objects (TCIP-SP) | No | | No | | No | | No | |
| TCIP Scheduling/Runcutting Objects (TCIP-SCH) | No | | No | | No | | No | |
| | INU | | INU | | INU | | INU | |
| Send data communication between micro computer and heavy duty vehicle applications (SAE J1708) | No | | No | | No | | No | |
| Would agency be willing to participate in testing of ITS Standards? | Yes | | NR | | No | | No | |
| Have agreements in place with other agencies to use similar hardware | res | | INR | | INU | | INU | |
| and software to aid maintenance and interoperability? | No | | No | | No | | No | |
| Electronic Fare Payment | INU | | INU | | INU | | INU | |
| Have full operational Electronic Fare Payment System? | Yes | | Yes | | No | | No | |
| | res | | res | | INU | | INU | |
| Methods of Fare Payment Stored value card with fare deducted for each trip | | | | | | | | |
| | Nia | | Vaa | | Ne | | No | |
| Magnetic Stripe | No | | Yes | | No | | No | |
| Smart Card Debit Card | No No | | No No | | No No | | No | |
| | NO | | INO | | NO | | NO | |
| Billed by the month for trips taken | No | | Na | | Ne | | No | |
| Magnetic Stripe | | | No | | No | | No | |
| Smart Card | No No | | No No | | No | | No | |
| Credit Card | NO | | INO | | No | | NO | |
| Monthly Pass | Nie | | Vee | | Ne | | No | |
| Magnetic Stripe | No | | Yes | | No | | No | |
| Smart Card | No | | No | | No | | No | |
| Vehicles/Stations Equipped with Automated Payment Mechanism | - | | | | | | + | |
| Magnetic Stripe Readers | ND | ND | 400 | 400 | ND | | | |
| Fixed Route Bus Vehicles | NR | NR | 103 | 103 | NR | NR | NR | NR |
| Heavy or Rapid Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive Vehicles | NR | NR | NR | NR | NR | NR | NR | NR |
| Commuter Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |

| | 0 | Huntington Area Rapid Transit (HART) | | Jamaica Buses | | Long Beach City | | Railroad MTA |
|------------------------------|------|---|------|---------------|------|-----------------|------|--------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Ferry Boat Landings | NR | NR | NR | NR | NR | NR | NR | NR |
| Smart Card Readers | | | | | | | | |
| Fixed Route Bus Vehicles | NR | NR | NR | NR | NR | NR | NR | NR |
| Heavy or Rapid Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive Vehicles | NR | NR | NR | NR | NR | NR | NR | NR |
| Commuter Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat Landings | NR | NR | NR | NR | NR | NR | NR | NR |
| Credit Card | | | | | | | | |
| Fixed Route Bus Vehicles | NR | NR | NR | NR | NR | NR | NR | NR |
| Heavy or Rapid Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive Vehicles | NR | NR | NR | NR | NR | NR | NR | NR |
| Commuter Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat Landings | NR | NR | NR | NR | NR | NR | NR | NR |
| Debit Card | | | | | | | | |
| Fixed Route Bus Vehicles | NR | NR | NR | NR | NR | NR | NR | NR |
| Heavy or Rapid Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive Vehicles | NR | NR | NR | NR | NR | NR | NR | NR |
| Commuter Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat Landings | NR | NR | NR | NR | NR | NR | NR | NR |
| NR: No Response | | | | | | | | |

| | MTA Long | Island Bus | | ey Transit ation(NJ) | | City Transit nority | District/Wes | lk Transit stport Transit es(CT) | |
|--|----------|------------|-------|-------------------------|-------|------------------------|--------------|--|--|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | |
| Agency Returned Survey? | Yes | | Yes | | Yes | | Yes | | |
| Number of vehicles used in revenue service | | | | | | | | | |
| Fixed Route Bus | 326 | 336 | 2,100 | 2,100 | 3,557 | NR | 33 | 33 | |
| Heavy or Rapid Rail | NR | NR | 0 | 0 | 5,774 | NR | 0 | 0 | |
| Light Rail | NR | NR | 22 | 40 | 0 | NR | 0 | 0 | |
| Demand Responsive | 59 | 72 | 85 | 100 | 175 | NR | 27 | 27 | |
| Commuter Rail | NR | NR | 745 | 820 | NR | NR | 0 | 0 | |
| Ferry Boat | NR | NR | 0 | 0 | NR | NR | 0 | 0 | |
| Have of plan to have an Automated Vehicle Location System? | Yes | | Yes | | Yes | | Yes | | |
| Primary and Secondary Location Technologies Used | | | | | | | | | |
| Primary Technologies | | | | | | | | | |
| GPS | No | No | No | Yes | No | No | No | Yes | |
| Sign/Odometer | No | No | Yes | No | No | No | No | No | |
| Dead-Reckoning | No | No | No | No | Yes | No | No | No | |
| LORAN C | No | No | No | No | No | No | No | No | |
| Other | Yes | No | No | No | Yes | No | No | No | |
| Backup Technologies | | | | | | | | | |
| GPS | No | No | No | No | No | No | No | No | |
| Sign/Odometer | No | No | No | No | No | No | No | No | |
| Dead-Reckoning | No | No | No | No | No | No | No | No | |
| LORAN C | No | No | No | No | No | No | No | No | |
| Other | No | No | No | No | No | No | No | No | |
| Number of Vehicles Equipped with AVL | | | | | | | | | |
| Fixed Route Bus | NR | 336 | 2,100 | 2,100 | 170 | 3,557 | NR | NR | |
| Heavy or Rapid Rail | NR | NR | 0 | 0 | NR | NR | NR | NR | |
| Light Rail | NR | NR | 0 | 0 | NR | NR | NR | NR | |
| Demand Responsive | 59 | 72 | 0 | 0 | NR | NR | NR | 27 | |
| Commuter Rail | NR | NR | 0 | 0 | NR | NR | NR | NR | |
| Ferry Boat | NR | NR | 0 | 0 | NR | NR | NR | NR | |
| Motor Buses Operated as Vehicle Probes | | | | | | | | | |
| Number of Motor Buses equipped as probes on freeways? | NR | | NR | | 0 | | NR | | |
| Number of Motor Buses equipped as probes on arterials? | NR | | NR | | 0 | | NR | | |
| Have Organized Regional Incident Management Program? | No | | No | | No | | No | | |

| | MTA Long | Island Bus | | ey Transit ation(NJ) | | City Transit nority | District/Wes | < Transit stport Transit s(CT) |
|--|----------|------------|--------|-------------------------|--------|------------------------|--------------|--------------------------------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Have Automated Traveler Information System? | Yes | | Yes | | Yes | | No | |
| Services Automated Traveler Info. System Applies: | | | | | | | | |
| Fixed Route | Yes | | Yes | | Yes | | No | |
| Heavy Rail | No | | No | | No | | No | |
| Light Rail | No | | Yes | | No | | No | |
| Demand Responsive | No | | Yes | | No | | No | |
| Commuter Rail | No | | Yes | | No | | No | |
| Ferry | No | | No | | No | | No | |
| Locations where traveler information is displayed to public | | | | | 110 | | 110 | |
| Number of bus stops on fixed transit routes | NR | NR | 18,000 | 18,000 | 14,000 | NR | NR | NR |
| Bus stops on fixed transit routes that display traveler info to the public | NR | NR | 0 | 4 | 30 | 1,400 | NR | NR |
| Number of rail stations | NR | NR | 0 | 0 | 468 | 468 | NR | NR |
| Number of rail stations that display traveler information | NR | NR | 0 | 6 | NR | NR | NR | NR |
| Number of other locations that display traveler information to public | NR | 3 | 0 | 0 | NR | NR | NR | NR |
| Number of vehicles the traveler information system has available | | | | | | | | |
| Fixed Route Bus | 168 | 313 | NR | NR | 0 | NR | NR | NR |
| Heavy or Rapid Rail | NR | NR | NR | NR | 0 | NR | NR | NR |
| Light Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive | NR | NR | NR | NR | NR | NR | NR | NR |
| Commuter Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat | NR | NR | NR | NR | NR | NR | NR | NR |
| Deployment of Communications Technology | | | | | | | | |
| Attributes of Radio System: | | | | | | | | |
| Digital? | Yes | | No | | No | | Yes | |
| Analog? | No | | Yes | | Yes | | No | |
| Trunked? | Yes | | Yes | | Yes | | Yes | |
| Regular? | No | | No | | No | | No | |
| Services that use a Digital or Trunked Radio System | | | | | | | | |
| <u>Digital Only</u> | | | | | | | | |
| Fixed Route Bus | Yes | No | No | Yes | No | No | No | No |
| Heavy or Rapid Rail | No | No | No | No | No | No | No | No |
| Light Rail | No | No | No | Yes | No | No | No | No |
| Demand Responsive | Yes | No | No | No | No | No | No | No |
| Commuter Rail | No | No | No | Yes | No | No | No | No |
| Ferry Boat | No | No | No | No | No | No | No | No |
| <u>Trunked Only</u> | | | | | | | | |
| Fixed Route Bus | Yes | No | Yes | No | No | No | No | No |

| | MTA Long | MTA Long Island Bus | | sey Transit ation(NJ) | New York City Transit Authority | | Norwalk Transit District/Westport Transit Lines(CT) | |
|---|----------|---------------------|------|--------------------------|------------------------------------|------|---|------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Heavy or Rapid Rail | No | No | No | No | No | No | No | No |
| Light Rail | No | No | Yes | No | No | No | No | No |
| Demand Responsive | Yes | No | No | No | No | No | No | No |
| Commuter Rail | No | No | No | No | No | No | No | No |
| Ferry Boat | No | No | No | No | No | No | No | No |
| Have of plan to have Automatic Passenger Counters (APCs)? | Yes | | Yes | | No | | No | |
| Methods used to count passengers | | | | | | | | |
| Treadle Mats | No | | No | | No | | No | |
| Infrared Beams | No | | No | | No | | No | |
| Primary and Secondary Location Technologies Used | | | | | | | | |
| Primary Technologies | | | | | | | | |
| GPS | No | No | Yes | Yes | No | No | No | No |
| Differential GPS | Yes | No | No | No | No | No | No | No |
| Signpost/Odometer | No | No | No | No | No | No | No | No |
| Dead_Reckoning | No | No | No | No | No | No | No | No |
| LORAN C | No | No | No | No | No | No | No | No |
| Other | No | No | No | Yes | No | No | No | No |
| Backup Technologies | | | | | | | | |
| GPS | No | No | No | No | No | No | No | No |
| Differential GPS | No | No | No | No | No | No | No | No |
| Signpost/Odometer | No | No | No | No | No | No | No | No |
| Dead_Reckoning | No | No | No | No | No | No | No | No |
| LORAN C | No | No | No | No | No | No | No | No |
| Other | No | No | No | No | No | No | No | No |
| Number of Vehicles with APCs | | | | | | | | |
| Fixed Route Bus | 0 | 336 | 3 | 240 | NR | NR | NR | NR |
| Heavy or Rapid Rail | NR | NR | 0 | 0 | NR | NR | NR | NR |
| Light Rail | NR | NR | 0 | 40 | NR | NR | NR | NR |
| Demand Responsive | NR | NR | 0 | 0 | NR | NR | NR | NR |
| Commuter Rail | NR | NR | 0 | 820 | NR | NR | NR | NR |
| Ferry Boat | NR | NR | 0 | 0 | NR | NR | NR | NR |
| Remote Real-Time Monitoring and Computer Assisted Dispatching | | | | | | | | |
| Remote Real-Time Monitoring | | | | | | | | |
| Fixed Route Bus | 168 | 336 | 0 | 10 | NR | NR | NR | NR |
| Heavy or Rapid Rail | NR | NR | 0 | 0 | NR | NR | NR | NR |
| Light Rail | NR | NR | 0 | 0 | NR | NR | NR | NR |
| Demand Responsive | NR | NR | 0 | 0 | NR | NR | NR | NR |

| | MTA Long | Island Bus | | New Jersey Transit Corporation(NJ) | | City Transit hority | Norwalk Transit District/Westport Transit Lines(CT) | |
|--|----------|------------|-------|---------------------------------------|------|------------------------|---|------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Commuter Rail | NR | NR | 30 | 80 | NR | NR | NR | NR |
| Ferry Boat | NR | NR | 0 | 0 | NR | NR | NR | NR |
| Automated Dispatching or Control Software | | | | | | | | |
| Fixed Route Bus | 326 | 336 | 1,900 | 1,900 | 170 | NR | NR | NR |
| Heavy or Rapid Rail | NR | NR | 0 | 0 | NR | NR | NR | NR |
| Light Rail | NR | NR | 0 | 40 | NR | NR | NR | NR |
| Demand Responsive | 59 | 72 | 0 | 0 | NR | NR | 23 | 27 |
| Commuter Rail | NR | NR | 745 | 820 | NR | NR | NR | NR |
| Ferry Boat | NR | NR | 0 | 0 | NR | NR | NR | NR |
| Coordinate or plan to coordinate travel request and vehicle | | | | | | | | |
| dispatching for multiple agencies? | Yes | | No | | No | | No | |
| Is there or will there be a Transportation Management Center | | | | | | | | |
| (TMC) in the region that controls transit and highway modes? | No | | No | | NR | | Yes | |
| Modes that TMC currently controls: | | | | | | | | |
| Highways | No | No | No | No | No | No | Yes | No |
| Fixed Route Bus | No | No | No | No | No | No | No | No |
| Heavy or Rapid Rail | No | No | No | No | No | No | No | No |
| Light Rail | No | No | No | No | No | No | No | No |
| Demand Responsive | No | No | No | No | No | No | No | No |
| Commuter Rail | No | No | No | No | No | No | No | No |
| Ferry Boat | No | No | No | No | No | No | No | No |
| Other | No | No | No | No | No | No | No | No |
| Priority at Traffic Signals and Ramp Meter Priority | | | - | - | | | - | - |
| Priority at Traffic Signals | | | | | | | | |
| Fixed Route Bus | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive | NR | NR | NR | NR | NR | NR | NR | NR |
| <u>Ramp Meter Priority</u> | | | | | | | | |
| Fixed Route Bus | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive | NR | NR | NR | NR | NR | NR | NR | NR |
| Number of Vehicles Equipped with Navigation Aids Fixed Route Bus | NR | NR | NR | NR | NR | NR | NR | NR |
| Heavy or Rapid Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive | 0 | 72 | NR | NR | NR | NR | NR | 27 |

| | MTA Long Island Bus | | | ey Transit ation(NJ) | New York City Transit Authority | | Norwalk Transit District/Westport Transit Lines(CT) | |
|--|---------------------|------|------|-------------------------|------------------------------------|------|---|------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Commuter Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat | NR | NR | NR | NR | NR | NR | NR | NR |
| ITS Standards Used Related to Transit Management | | | | | | | | |
| TCIP On Boad Objects (TCIP-OB) | No | | No | | No | | No | |
| TCIP Traffic Management Objects (TCIP-TM) | No | | No | | No | | No | |
| TCIP Common Public Transportation Objects (TCIP-CPT) | No | | No | | No | | No | |
| TCIP Passenger Information Objects (TCIP-PI) | No | | No | | No | | No | |
| TCIP Incident Management Objects (TCIP-IM) | No | | No | | No | | No | |
| TCIP Fare Collection Objects (TCIP-FC) | No | | No | | No | | No | |
| TCIP Spatial Representation Objects (TCIP-SP) | No | | No | | No | | No | |
| TCIP Control Center Objects (TCIP-CC) | No | | No | | No | | No | |
| TCIP Scheduling/Runcutting Objects (TCIP-SCH) | No | | No | | No | | No | |
| Send data communication between micro computer and heavy duty | | | | | | | | |
| vehicle applications (SAE J1708) | No | | No | | No | | No | |
| Would agency be willing to participate in testing of ITS Standards? | Yes | | Yes | | Yes | | Yes | |
| Have agreements in place with other agencies to use similar hardware | | | | | | | | |
| and software to aid maintenance and interoperability? | Yes | | No | | No | | No | |
| Electronic Fare Payment | | | | | | | | |
| Have full operational Electronic Fare Payment System? | Yes | | No | | Yes | | Yes | |
| Methods of Fare Payment | | | | | | | | |
| Stored value card with fare deducted for each trip | | | | | | | | |
| Magnetic Stripe | Yes | | No | | Yes | | No | |
| Smart Card | No | | No | | No | | No | |
| Debit Card | No | | No | | No | | No | |
| Billed by the month for trips taken | | | | | | | | |
| Magnetic Stripe | No | | No | | No | | No | |
| Smart Card | No | | No | | No | | No | |
| Credit Card | No | | No | | No | | No | |
| Monthly Pass | | | | | | | | |
| Magnetic Stripe | Yes | | No | | Yes | | No | |
| Smart Card | No | | No | | No | | No | |
| Vehicles/Stations Equipped with Automated Payment Mechanism | | | | | | | | |
| Magnetic Stripe Readers | | | | | | | | |
| Fixed Route Bus Vehicles | 326 | 336 | NR | NR | 3,557 | NR | NR | NR |
| Heavy or Rapid Rail Stations | NR | NR | NR | NR | 468 | NR | NR | NR |
| Light Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive Vehicles | NR | NR | NR | NR | NR | NR | NR | NR |
| Commuter Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |

| | MTA Long | MTA Long Island Bus | | New Jersey Transit Corporation(NJ) | | New York City Transit Authority | | Transit tport Transit s(CT) |
|------------------------------|----------|---------------------|------|---------------------------------------|------|------------------------------------|------|-----------------------------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Ferry Boat Landings | NR | NR | NR | NR | NR | NR | NR | NR |
| Smart Card Readers | | | | | | | | |
| Fixed Route Bus Vehicles | NR | NR | NR | NR | NR | NR | NR | NR |
| Heavy or Rapid Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive Vehicles | NR | NR | NR | NR | NR | NR | NR | NR |
| Commuter Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat Landings | NR | NR | NR | NR | NR | NR | NR | NR |
| Credit Card | | | | | | | | |
| Fixed Route Bus Vehicles | NR | NR | NR | NR | NR | NR | NR | NR |
| Heavy or Rapid Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive Vehicles | NR | NR | NR | NR | NR | NR | NR | NR |
| Commuter Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat Landings | NR | NR | NR | NR | NR | NR | NR | NR |
| Debit Card | | | | | | | | |
| Fixed Route Bus Vehicles | NR | NR | NR | NR | NR | NR | NR | NR |
| Heavy or Rapid Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive Vehicles | NR | NR | NR | NR | NR | NR | NR | NR |
| Commuter Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat Landings | NR | NR | NR | NR | NR | NR | NR | NR |
| NR: No Response | | | | | | | | |

| | Putnam Co | ounty Transit | Stamford Dia | al-A-Ride(CT) | Suffolk | County | Triboro Coac | h Corporation |
|--|-----------|---------------|--------------|---------------|---------|--------|--------------|---------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Agency Returned Survey? | Yes | | Yes | | Yes | | Yes | |
| Number of vehicles used in revenue service | | | | | | | | |
| Fixed Route Bus | 8 | NR | NR | NR | 141 | 160 | NR | NR |
| Heavy or Rapid Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive | 2 | NR | 9 | NR | 22 | 38 | NR | NR |
| Commuter Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat | NR | NR | NR | NR | NR | NR | NR | NR |
| Have of plan to have an Automated Vehicle Location System? | No | | No | | Yes | | No | |
| Primary and Secondary Location Technologies Used | | | | | | | | |
| Primary Technologies | | | | | | | | |
| GPS | No | No | No | No | No | Yes | No | No |
| Sign/Odometer | No | No | No | No | No | No | No | No |
| Dead-Reckoning | No | No | No | No | No | No | No | No |
| LORAN C | No | No | No | No | No | No | No | No |
| Other | No | No | No | No | No | No | No | No |
| Backup Technologies | | | | | | | | |
| GPS | No | No | No | No | No | No | No | No |
| Sign/Odometer | No | No | No | No | No | No | No | No |
| Dead-Reckoning | No | No | No | No | No | No | No | No |
| LORAN C | No | No | No | No | No | No | No | No |
| Other | No | No | No | No | No | No | No | No |
| Number of Vehicles Equipped with AVL | | | | | | | | |
| Fixed Route Bus | NR | NR | NR | NR | NR | 160 | NR | NR |
| Heavy or Rapid Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive | NR | NR | NR | NR | NR | 38 | NR | NR |
| Commuter Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat | NR | NR | NR | NR | NR | NR | NR | NR |
| Motor Buses Operated as Vehicle Probes | | | | | | | | |
| Number of Motor Buses equipped as probes on freeways? | NR | | NR | | NR | | NR | |
| Number of Motor Buses equipped as probes on arterials? | NR | | NR | | NR | | NR | |
| Have Organized Regional Incident Management Program? | No | | No | | No | | No | |

| | Putnam Co | ounty Transit | Stamford Di | al-A-Ride(CT) | Suffolk | County | Triboro Coac | h Corporatior |
|--|-----------|---------------|-------------|---------------|---------|--------|--------------|---------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Have Automated Traveler Information System? | No | | No | | Yes | | No | |
| Services Automated Traveler Info. System Applies: | | | | | | | | |
| Fixed Route | No | | No | | Yes | | No | |
| Heavy Rail | No | | No | | No | | No | |
| Light Rail | No | | No | | No | | No | |
| Demand Responsive | No | | No | | No | | No | |
| Commuter Rail | No | | No | | No | | No | |
| Ferry | No | | No | | No | | No | |
| Locations where traveler information is displayed to public | 110 | | | | NO | | NO | |
| Number of bus stops on fixed transit routes | NR | NR | NR | NR | 2,700 | 2.700 | NR | NR |
| Bus stops on fixed transit routes that display traveler info to the public | NR | NR | NR | NR | NR | NR | NR | NR |
| Number of rail stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Number of rail stations that display traveler information | NR | NR | NR | NR | NR | NR | NR | NR |
| Number of other locations that display traveler information to public | NR | NR | NR | NR | NR | NR | NR | NR |
| Number of vehicles the traveler information system has available | | | | | | | | |
| Fixed Route Bus | NR | NR | NR | NR | NR | NR | NR | NR |
| Heavy or Rapid Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive | NR | NR | NR | NR | NR | NR | NR | NR |
| Commuter Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat | NR | NR | NR | NR | NR | NR | NR | NR |
| Deployment of Communications Technology | | | | | | | | |
| Attributes of Radio System: | | | | | | | | |
| Digital? | No | | No | | No | | No | |
| Analog? | Yes | | Yes | | Yes | | No | |
| Trunked? | No | | Yes | | Yes | | No | |
| Regular? | Yes | | No | | No | | No | |
| Services that use a Digital or Trunked Radio System | | | | | | | | |
| <u>Digital Only</u> | | | | | | | | |
| Fixed Route Bus | No | No | No | No | No | Yes | No | No |
| Heavy or Rapid Rail | No | No | No | No | No | No | No | No |
| Light Rail | No | No | No | No | No | No | No | No |
| Demand Responsive | No | No | No | No | No | Yes | No | No |
| Commuter Rail | No | No | No | No | No | No | No | No |
| Ferry Boat | No | No | No | No | No | No | No | No |
| <u>Trunked Only</u> | | | | | | | | |
| Fixed Route Bus | No | No | No | No | Yes | No | No | No |

| | Dute are Ca | | Characterial Div | | Cuffell | Causta | Tribere Cese | h Comonation |
|--|-------------|----------------------|------------------|--|----------|----------------|----------------------|--------------|
| | 1999 | unty Transit 2005 | 1999 | al-A-Ride(CT) 2005 | 1999 | County 2005 | Triboro Coac 1999 | 2005 |
| Heavy or Rapid Rail | No | 2005 No | No | 2005 No | No | 2005 No | No | 2005 No |
| Light Rail | No | No | No | No | No | No | No | No |
| Demand Responsive | No | No | No | No | Yes | No | No | No |
| Commuter Rail | No | No | No | No | No | No | No | No |
| Ferry Boat | No | No | No | No | No | No | No | No |
| Have of plan to have Automatic Passenger Counters (APCs)? | No | INU | No | INO | NO | INO | No | INO |
| | INO | | INO | | INU | | INO | |
| Methods used to count passengers Treadle Mats | No | | No | | No | | No | |
| Infrared Beams | No | | No | | No | | No | |
| | INO | | INO | | INU | | INO | |
| Primary and Secondary Location Technologies Used Primary Technologies | | | | <u> </u> | | | | |
| GPS | No | No | No | No | No | No | No | No |
| Differential GPS | No | No | No | No | No | No | No | No |
| | No | No | No | No | NO | NO | No | NO |
| Signpost/Odometer Dead Reckoning | No | No | No | No | No | No | No | No |
| LORAN C | No | No | No | No | No | No | No | No |
| Other | No | No | No | No | NO | NO | No | NO |
| Backup Technologies | INU | INU | INU | INU | INU | INU | INU | NU |
| GPS | No | No | No | No | No | No | No | No |
| Differential GPS | No | No | No | No | No | No | No | No |
| Signpost/Odometer | No | No | No | No | No | No | No | No |
| | No | No | No | No | - | NO | No | NO |
| Dead_Reckoning LORAN C | NO | No | No | No | No No | NO | No | NO |
| Other | No | No | No | No | NO | NO | No | NO |
| Number of Vehicles with APCs | INO | NO | INO | INO | INO | INO | INO | NO |
| | ND | ND | ND | ND | ND | ND | NR | ND |
| Fixed Route Bus Heavy or Rapid Rail | NR NR | NR NR | NR NR | NR NR | NR NR | NR NR | NR | NR NR |
| | | NR | NR | NR | | | NR | |
| Light Rail Demand Responsive | NR NR | NR | NR | NR | NR NR | NR NR | NR | NR NR |
| Commuter Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat | NR | NR | NR | NR | NR | NR | NR | NR |
| | INK | INR | INK | INK | INK | INR | INR | INK |
| Remote Real-Time Monitoring and Computer Assisted Dispatching Remote Real-Time Monitoring | | | | <u> </u> | | | | |
| Fixed Route Bus | NR | NR | NR | NR | NR | 160 | NR | NR |
| | | | | | | | | |
| Heavy or Rapid Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive | NR | NR | NR | NR | NR | 38 | NR | NR |

| | Putnam Co | ounty Transit | Stamford Dia | al-A-Ride(CT) | Suffolk | County | Triboro Coac | h Corporation |
|--|-----------|---------------|--------------|---------------|---------|--------|--------------|---------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Commuter Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat | NR | NR | NR | NR | NR | NR | NR | NR |
| Automated Dispatching or Control Software | | | | | | | | |
| Fixed Route Bus | NR | NR | NR | NR | NR | NR | NR | NR |
| Heavy or Rapid Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive | NR | NR | NR | NR | NR | 38 | NR | NR |
| Commuter Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat | NR | NR | NR | NR | NR | NR | NR | NR |
| Coordinate or plan to coordinate travel request and vehicle | | | 1 | 1 | | | | |
| dispatching for multiple agencies? | No | 1 | No | | No | | NR | |
| Is there or will there be a Transportation Management Center | | | | | | | | |
| (TMC) in the region that controls transit and highway modes? | No | | No | | No | | NR | |
| Modes that TMC currently controls: | | | | | | | | |
| Highways | No | No | No | No | No | No | No | No |
| Fixed Route Bus | No | No | No | No | No | No | No | No |
| Heavy or Rapid Rail | No | No | No | No | No | No | No | No |
| Light Rail | No | No | No | No | No | No | No | No |
| Demand Responsive | No | No | No | No | No | No | No | No |
| Commuter Rail | No | No | No | No | No | No | No | No |
| Ferry Boat | No | No | No | No | No | No | No | No |
| Other | No | No | No | No | No | No | No | No |
| Priority at Traffic Signals and Ramp Meter Priority | | | | | - | | | - |
| Priority at Traffic Signals | | | | | | | | |
| Fixed Route Bus | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive | NR | NR | NR | NR | NR | NR | NR | NR |
| Ramp Meter Priority | | | | | | | | |
| Fixed Route Bus | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive | NR | NR | NR | NR | NR | NR | NR | NR |
| Number of Vehicles Equipped with Navigation Aids | | | | | | | | |
| Fixed Route Bus | NR | NR | NR | NR | NR | NR | NR | NR |
| Heavy or Rapid Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive | NR | NR | NR | NR | NR | NR | NR | NR |

| | Putnam Co | unty Transit | Stamford Dis | al-A-Ride(CT) | Suffolk | County | Triboro Coac | h Corporation |
|--|-----------|--------------|--------------|---------------|---------|--------|--------------|---------------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Commuter Rail | NR | NR | NR | NR | NR | NR | NR | NR |
| Ferry Boat | NR | NR | NR | NR | NR | NR | NR | NR |
| ITS Standards Used Related to Transit Management | | | | | | | | |
| TCIP On Boad Objects (TCIP-OB) | No | | No | | No | | No | |
| TCIP Traffic Management Objects (TCIP-TM) | No | | No | | No | | No | |
| TCIP Common Public Transportation Objects (TCIP-CPT) | No | | No | | No | | No | |
| TCIP Passenger Information Objects (TCIP-PI) | No | | No | | No | | No | |
| TCIP Incident Management Objects (TCIP-IM) | No | | No | | No | | No | |
| TCIP Fare Collection Objects (TCIP-FC) | No | | No | | No | | No | |
| TCIP Spatial Representation Objects (TCIP-SP) | No | | No | | No | | No | |
| TCIP Control Center Objects (TCIP-CC) | No | | No | | No | | No | |
| TCIP Scheduling/Runcutting Objects (TCIP-SCH) | No | | No | | No | | No | |
| Send data communication between micro computer and heavy duty | | | | | | | | |
| vehicle applications (SAE J1708) | No | | No | | No | | No | |
| Would agency be willing to participate in testing of ITS Standards? | No | | No | | Yes | | NR | |
| Have agreements in place with other agencies to use similar hardware | | | | | | | | |
| and software to aid maintenance and interoperability? | No | | No | | No | | NR | |
| Electronic Fare Payment | | | | | | | | |
| Have full operational Electronic Fare Payment System? | No | | No | | Yes | | No | |
| Methods of Fare Payment | | | | | | | | |
| Stored value card with fare deducted for each trip | | | | | | | | |
| Magnetic Stripe | No | | No | | Yes | | No | |
| Smart Card | No | | No | | No | | No | |
| Debit Card | No | | No | | No | | No | |
| Billed by the month for trips taken | | | | | | | | |
| Magnetic Stripe | No | | No | | No | | No | |
| Smart Card | No | | No | | No | | No | |
| Credit Card | No | | No | | No | | No | |
| Monthly Pass | | | | | | | | |
| Magnetic Stripe | No | | No | | Yes | | No | |
| Smart Card | No | | No | | No | | No | |
| Vehicles/Stations Equipped with Automated Payment Mechanism | | | | | | | | |
| Magnetic Stripe Readers | | | | | | | | |
| Fixed Route Bus Vehicles | NR | NR | NR | NR | NR | 160 | NR | NR |
| Heavy or Rapid Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Light Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |
| Demand Responsive Vehicles | NR | NR | NR | NR | NR | NR | NR | NR |
| Commuter Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR |

| | Putnam Co | Putnam County Transit S | | Stamford Dial-A-Ride(CT) | | Suffolk County | | Triboro Coach Corporation | |
|------------------------------|-----------|-------------------------|------|--------------------------|------|----------------|------|---------------------------|--|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | |
| Ferry Boat Landings | NR | NR | NR | NR | NR | NR | NR | NR | |
| Smart Card Readers | | | | | | | | | |
| Fixed Route Bus Vehicles | NR | NR | NR | NR | NR | NR | NR | NR | |
| Heavy or Rapid Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR | |
| Light Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR | |
| Demand Responsive Vehicles | NR | NR | NR | NR | NR | NR | NR | NR | |
| Commuter Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR | |
| Ferry Boat Landings | NR | NR | NR | NR | NR | NR | NR | NR | |
| Credit Card | | | | | | | | | |
| Fixed Route Bus Vehicles | NR | NR | NR | NR | NR | NR | NR | NR | |
| Heavy or Rapid Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR | |
| Light Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR | |
| Demand Responsive Vehicles | NR | NR | NR | NR | NR | NR | NR | NR | |
| Commuter Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR | |
| Ferry Boat Landings | NR | NR | NR | NR | NR | NR | NR | NR | |
| Debit Card | | | | | | | | | |
| Fixed Route Bus Vehicles | NR | NR | NR | NR | NR | NR | NR | NR | |
| Heavy or Rapid Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR | |
| Light Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR | |
| Demand Responsive Vehicles | NR | NR | NR | NR | NR | NR | NR | NR | |
| Commuter Rail Stations | NR | NR | NR | NR | NR | NR | NR | NR | |
| Ferry Boat Landings | NR | NR | NR | NR | NR | NR | NR | NR | |
| NR: No Response | | | | | | | | | |

| | Westches | ster County | То | tals |
|--|----------|-------------|-------|-------|
| | 1999 | 2005 | 1999 | 2005 |
| Agency Returned Survey? | Yes | | 17 | |
| Number of vehicles used in revenue service | | | | |
| Fixed Route Bus | 344 | NR | 7,056 | 3,032 |
| Heavy or Rapid Rail | NR | NR | 5,774 | 0 |
| Light Rail | NR | NR | 22 | 40 |
| Demand Responsive | 54 | NR | 1,328 | 1,149 |
| Commuter Rail | NR | NR | 745 | 820 |
| Ferry Boat | NR | NR | 0 | 0 |
| Have of plan to have an Automated Vehicle Location System? | Yes | | 7 | |
| Primary and Secondary Location Technologies Used | | | | |
| Primary Technologies | | | | |
| GPS | No | No | 0 | 4 |
| Sign/Odometer | Yes | No | 2 | 0 |
| Dead-Reckoning | No | No | 1 | 0 |
| LORAN C | No | No | 0 | 0 |
| Other | No | Yes | 2 | 1 |
| Backup Technologies | | | | |
| GPS | No | No | 0 | 0 |
| Sign/Odometer | Yes | Yes | 1 | 1 |
| Dead-Reckoning | No | No | 0 | 1 |
| LORAN C | No | No | 0 | 0 |
| Other | No | No | 0 | 0 |
| Number of Vehicles Equipped with AVL | | | | |
| Fixed Route Bus | 344 | NR | 2,614 | 6,253 |
| Heavy or Rapid Rail | NR | NR | 0 | 0 |
| Light Rail | NR | NR | 0 | 0 |
| Demand Responsive | 0 | 54 | 59 | 191 |
| Commuter Rail | NR | NR | 0 | 0 |
| Ferry Boat | NR | NR | 0 | 0 |
| Motor Buses Operated as Vehicle Probes | | | | |
| Number of Motor Buses equipped as probes on freeways? | NR | | 0 | |
| Number of Motor Buses equipped as probes on arterials? | NR | | 0 | |
| Have Organized Regional Incident Management Program? | No | | 1 | |

| | Westchester County | | Totals | |
|--|--------------------|-------|--------|--------|
| | 1999 | 2005 | 1999 | 2005 |
| Have Automated Traveler Information System? | Yes | | 10 | |
| Services Automated Traveler Info. System Applies: | | | | |
| Fixed Route | Yes | | 9 | |
| | | | 9 0 | |
| Heavy Rail | No | | - | |
| Light Rail | No | | 1 | |
| Demand Responsive | No | | 1 | |
| Commuter Rail | Yes | | 3 | |
| Ferry | No | | 0 | |
| Locations where traveler information is displayed to public | | | | |
| Number of bus stops on fixed transit routes | 3,500 | 3,500 | 38,530 | 24,500 |
| Bus stops on fixed transit routes that display traveler info to the public | 0 | 0 | 160 | 1,504 |
| Number of rail stations | NR | NR | 584 | 585 |
| Number of rail stations that display traveler information | NR | NR | 16 | 31 |
| Number of other locations that display traveler information to public | 1 | 3 | 6 | 6 |
| Number of vehicles the traveler information system has available | | | | |
| Fixed Route Bus | 0 | 0 | 413 | 588 |
| Heavy or Rapid Rail | NR | NR | 0 | 0 |
| Light Rail | NR | NR | 0 | 0 |
| Demand Responsive | 0 | 0 | 0 | 0 |
| Commuter Rail | NR | NR | 0 | 0 |
| Ferry Boat | NR | NR | 0 | 0 |
| Deployment of Communications Technology | | | | |
| Attributes of Radio System: | | | | |
| Digital? | No | | 5 | |
| Analog? | Yes | | 11 | |
| Trunked? | No | | 11 | |
| Regular? | Yes | | 5 | |
| Services that use a Digital or Trunked Radio System | | | | |
| Digital Only | | | | |
| Fixed Route Bus | No | No | 3 | 2 |
| Heavy or Rapid Rail | No | No | 0 | 0 |
| Light Rail | No | No | 0 | 1 |
| Demand Responsive | No | No | 1 | 1 |
| Commuter Rail | No | No | 0 | 1 |
| Ferry Boat | No | No | 0 | 0 |
| Trunked Only | | | | |
| Fixed Route Bus | No | No | 6 | 0 |

| | Westches | ter County | Totals | |
|---|----------|------------|--------|------|
| | 1999 | 2005 | 1999 | 2005 |
| Heavy or Rapid Rail | No | No | 0 | 0 |
| Light Rail | No | No | 1 | 0 |
| Demand Responsive | No | No | 2 | 0 |
| Commuter Rail | No | No | 0 | 0 |
| Ferry Boat | No | No | 0 | 0 |
| Have of plan to have Automatic Passenger Counters (APCs)? | Yes | | 5 | |
| Methods used to count passengers | | | | |
| Treadle Mats | No | | 0 | |
| Infrared Beams | No | | 1 | |
| Primary and Secondary Location Technologies Used | | | | |
| Primary Technologies | | | | |
| GPS | No | No | 1 | 2 |
| Differential GPS | No | No | 1 | 0 |
| Signpost/Odometer | No | No | 0 | 0 |
| Dead_Reckoning | No | No | 0 | 0 |
| LORAN C | No | No | 0 | 0 |
| Other | No | No | 0 | 1 |
| Backup Technologies | | | | |
| GPS | No | No | 0 | 0 |
| Differential GPS | No | No | 0 | 0 |
| Signpost/Odometer | No | No | 0 | 0 |
| Dead_Reckoning | No | No | 0 | 1 |
| LORAN C | No | No | 0 | 0 |
| Other | No | No | 0 | 0 |
| Number of Vehicles with APCs | | | | |
| Fixed Route Bus | NR | NR | 3 | 676 |
| Heavy or Rapid Rail | NR | NR | 0 | 0 |
| Light Rail | NR | NR | 0 | 40 |
| Demand Responsive | NR | NR | 0 | 0 |
| Commuter Rail | NR | NR | 0 | 820 |
| Ferry Boat | NR | NR | 0 | 0 |
| Remote Real-Time Monitoring and Computer Assisted Dispatching | | | | |
| Remote Real-Time Monitoring | | | | |
| Fixed Route Bus | NR | NR | 168 | 606 |
| Heavy or Rapid Rail | NR | NR | 0 | 0 |
| Light Rail | NR | NR | 0 | 0 |
| Demand Responsive | NR | NR | 0 | 38 |

| | Westches | ter County | То | tals |
|--|----------|------------|-------|----------|
| | 1999 | 2005 | 1999 | 2005 |
| Commuter Rail | NR | NR | 407 | 457 |
| Ferry Boat | NR | NR | 0 | 0 |
| Automated Dispatching or Control Software | | | | |
| Fixed Route Bus | NR | NR | 2,396 | 2,336 |
| Heavy or Rapid Rail | NR | NR | 0 | 0 |
| Light Rail | NR | NR | 0 | 40 |
| Demand Responsive | NR | NR | 82 | 147 |
| Commuter Rail | NR | NR | 745 | 820 |
| Ferry Boat | NR | NR | 0 | 0 |
| Coordinate or plan to coordinate travel request and vehicle | | | | |
| dispatching for multiple agencies? | NR | | 2 | |
| Is there or will there be a Transportation Management Center | | | | |
| (TMC) in the region that controls transit and highway modes? | NR | | 2 | |
| Modes that TMC currently controls: | | | | |
| Highways | No | No | 1 | 0 |
| Fixed Route Bus | No | No | 0 | 0 |
| Heavy or Rapid Rail | No | No | 0 | 0 |
| Light Rail | No | No | 0 | 0 |
| Demand Responsive | No | No | 0 | 0 |
| Commuter Rail | No | No | 0 | 0 |
| Ferry Boat | No | No | 0 | 0 |
| Other | No | No | 0 | 0 |
| Priority at Traffic Signals and Ramp Meter Priority | | | | |
| Priority at Traffic Signals | | | | |
| Fixed Route Bus | NR | NR | 0 | 0 |
| Light Rail | NR | NR | 0 | 0 |
| Demand Responsive | NR | NR | 0 | 0 |
| Ramp Meter Priority Fixed Route Bus | NR | NR | 0 | 0 |
| Demand Responsive | NR | NR | 0 | 0 |
| Number of Vehicles Equipped with Navigation Aids | | | , v | <u> </u> |
| Fixed Route Bus | NR | NR | 0 | 0 |
| Heavy or Rapid Rail | NR | NR | 0 | 0 |
| Light Rail | NR | NR | 0 | 0 |
| Demand Responsive | NR | NR | 0 | 99 |

| | Westchester County | | Totals | |
|--|--------------------|------|--------|------|
| | 1999 | 2005 | 1999 | 2005 |
| Commuter Rail | NR | NR | 0 | 0 |
| Ferry Boat | NR | NR | 0 | 0 |
| ITS Standards Used Related to Transit Management | | | | |
| TCIP On Boad Objects (TCIP-OB) | No | | 0 | |
| TCIP Traffic Management Objects (TCIP-TM) | No | | 0 | |
| TCIP Common Public Transportation Objects (TCIP-CPT) | No | | 0 | |
| TCIP Passenger Information Objects (TCIP-PI) | No | | 0 | |
| TCIP Incident Management Objects (TCIP-IM) | No | | 0 | |
| TCIP Fare Collection Objects (TCIP-FC) | No | | 0 | |
| TCIP Spatial Representation Objects (TCIP-SP) | No | | 0 | |
| TCIP Control Center Objects (TCIP-CC) | No | | 0 | |
| TCIP Scheduling/Runcutting Objects (TCIP-SCH) | No | | 0 | |
| Send data communication between micro computer and heavy duty | | | | |
| vehicle applications (SAE J1708) | No | | 0 | |
| Would agency be willing to participate in testing of ITS Standards? | NR | | 7 | |
| Have agreements in place with other agencies to use similar hardware | | | | |
| and software to aid maintenance and interoperability? | NR | | 1 | |
| Electronic Fare Payment | | | | |
| Have full operational Electronic Fare Payment System? | No | | 9 | |
| Methods of Fare Payment | | | | |
| Stored value card with fare deducted for each trip | | | | |
| Magnetic Stripe | No | | 6 | |
| Smart Card | No | | 0 | |
| Debit Card | No | | 0 | |
| Billed by the month for trips taken | | | | |
| Magnetic Stripe | No | | 1 | |
| Smart Card | No | | 0 | |
| Credit Card | No | | 0 | |
| Monthly Pass | | | | |
| Magnetic Stripe | No | | 5 | |
| Smart Card | No | | 0 | |
| Vehicles/Stations Equipped with Automated Payment Mechanism | | | | |
| Magnetic Stripe Readers | | | | |
| Fixed Route Bus Vehicles | NR | NR | 4,263 | 916 |
| Heavy or Rapid Rail Stations | NR | NR | 468 | 0 |
| Light Rail Stations | NR | NR | 0 | 0 |
| Demand Responsive Vehicles | NR | NR | 0 | 0 |
| Commuter Rail Stations | NR | NR | 0 | 0 |

| | Westches | ter County | Totals | |
|------------------------------|----------|------------|--------|------|
| | 1999 | 2005 | 1999 | 2005 |
| Ferry Boat Landings | NR | NR | 0 | 0 |
| Smart Card Readers | | | | |
| Fixed Route Bus Vehicles | NR | NR | 0 | 0 |
| Heavy or Rapid Rail Stations | NR | NR | 0 | 0 |
| Light Rail Stations | NR | NR | 0 | 0 |
| Demand Responsive Vehicles | NR | NR | 0 | 0 |
| Commuter Rail Stations | NR | NR | 0 | 0 |
| Ferry Boat Landings | NR | NR | 0 | 0 |
| Credit Card | | | | |
| Fixed Route Bus Vehicles | NR | NR | 0 | 0 |
| Heavy or Rapid Rail Stations | NR | NR | 0 | 0 |
| Light Rail Stations | NR | NR | 0 | 0 |
| Demand Responsive Vehicles | NR | NR | 0 | 0 |
| Commuter Rail Stations | NR | NR | 0 | 0 |
| Ferry Boat Landings | NR | NR | 0 | 0 |
| Debit Card | | | | |
| Fixed Route Bus Vehicles | NR | NR | 0 | 0 |
| Heavy or Rapid Rail Stations | NR | NR | 0 | 0 |
| Light Rail Stations | NR | NR | 0 | 0 |
| Demand Responsive Vehicles | NR | NR | 0 | 0 |
| Commuter Rail Stations | NR | NR | 0 | 0 |
| Ferry Boat Landings | NR | NR | 0 | 0 |
| | | | | |
| | | | | |

Appendix J Transit Management Integration

| | Clarks | stown Mini-Trans | Comma | nd Bus Company |
|--|-------------|------------------|-------------|----------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| | | | | |
| Agency Returned Survey? | Yes | | Yes | |
| ransit operators in the region that use the same electronic payment system | | | | |
| | | | | |
| | None listed | | None listed | |
| oll operators from whom you accept electronic payment of transit | | | | |
| fare through the use of ETC media | None listed | | None listed | |
| Receiving real-time information via electronic means from others | | | | |
| Freeway Management agencies from which your agency receives | | | | |
| freeway travel times, speeds, and conditions | | | | |
| | | | | |
| Receive Information | None listed | None listed | None listed | None listed |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Share Infrastructure | None listed | None listed | None listed | None listed |
| Arterial Management agencies from which your agency receives | | | | |
| arterial travel times, speeds, and conditions | | | | |
| Receive Information | None listed | None listed | None listed | None listed |

| | Clarkstow | Clarkstown Mini-Trans | | Bus Company |
|--|-------------|-----------------------|--------------------------|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| | | | | |
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| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Share Infrastructure | None listed | None listed | None listed | None listed |
| Incident Management agencies from which your agency receives | | | | |
| incident severity, location, and type | | | | |
| | | | New York City Department | |
| Receive Information | None listed | None listed | of Transportation | None listed |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Share Infrastructure | None listed | None listed | None listed | None listed |

| | Connecticut | Transit-Stamford(CT) | Gre | Green Bus Lines | | |
|---|------------------------|-----------------------------|-------------|-----------------|--|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | | |
| | | | | | | |
| Agency Returned Survey? | Yes | | Yes | | | |
| Fransit operators in the region that use the same electronic payment system | | | | | | |
| | | | | | | |
| | | | | | | |
| | Southeast Area Transit | t (Norwich), Northeast Area | | | | |
| | Transit (Waterbury) | | None listed | | | |
| Foll operators from whom you accept electronic payment of transit | | | | | | |
| fare through the use of ETC media | None listed | | None listed | | | |
| Receiving real-time information via electronic means from others | | | | | | |
| Freeway Management agencies from which your agency receives | | | | | | |
| freeway travel times, speeds, and conditions | | | | | | |
| | | | | | | |
| Receive Information | None listed | None listed | None listed | None listed | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
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| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Share Infrastructure | None listed | None listed | None listed | None listed | | |
| Arterial Management agencies from which your agency receives | | | | | | |
| arterial travel times, speeds, and conditions | | | | | | |
| Receive Information | None listed | None listed | None listed | None listed | | |

| | Connecticut Tra | nsit-Stamford(CT) | Green | Bus Lines |
|--|-----------------|-------------------|-------------|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| | | | | |
| Share Infrastructure | None listed | None listed | None listed | None listed |
| Incident Management agencies from which your agency receives | | | | |
| incident severity, location, and type | | | | |
| Receive Information | None listed | None listed | None listed | None listed |
| | | | | |
| Share Infrastructure | None listed | None listed | None listed | None listed |

| | Huntington Ar | ea Rapid Transit (HART) | Jar | naica Buses |
|--|---------------------|--------------------------------|--|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| | | | | |
| Agency Returned Survey? | Yes | | Yes | |
| <u>Transit operators in the region that use the same electronic payment system</u> | MTA Long Island Bus | , New York City Transit Author | Command Bus compa Corporation, Liberty Lin New York Bus Tours, I | nes Express, Incorporation, Incorporated, MTA Long Island |
| Toll operators from whom you accept electronic payment of transit | | | | |
| fare through the use of ETC media | None listed | | None listed | |
| Receiving real-time information via electronic means from others | | | | |
| Freeway Management agencies from which your agency receives | | | | |
| freeway travel times, speeds, and conditions | | | | |
| Receive Information | None listed | None listed | None listed | None listed |
| | | | | |
| Share Infrastructure Arterial Management agencies from which your agency receives | None listed | None listed | None listed | None listed |
| arterial travel times, speeds, and conditions Receive Information | None listed | None listed | None listed | None listed |
| | inone listed | None listed | inone listed | None listed |

| | Huntington Area R | apid Transit (HART) | Jamaic | a Buses |
|--|-------------------|---------------------|-------------|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| | | | | |
| Share Infrastructure | None listed | None listed | None listed | None listed |
| Incident Management agencies from which your agency receives | | | | |
| incident severity, location, and type | | | | |
| Receive Information | None listed | None listed | None listed | None listed |
| | | | | |
| Share Infrastructure | None listed | None listed | None listed | None listed |

| | Loi | ng Beach City | Metro-No | Metro-North Railroad MTA | | |
|---|-------------|---------------|-------------|--------------------------|--|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | | |
| | | | | | | |
| Agency Returned Survey? | Yes | | Yes | | | |
| ransit operators in the region that use the same electronic payment system | | | | | | |
| | | | | | | |
| | | | | | | |
| | Nana liatad | | Nana liatod | | | |
| oll operators from whom you accept electronic payment of transit | None listed | | None listed | | | |
| fare through the use of ETC media | None listed | | None listed | | | |
| Receiving real-time information via electronic means from others | None listed | | None listed | | | |
| Freeway Management agencies from which your agency receives | | | | | | |
| freeway travel times, speeds, and conditions | | | | | | |
| | | | | | | |
| Receive Information | None listed | None listed | Transcom | None listed | | |
| Receive mornation | None listed | None listed | Transcom | None listed | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Share Infrastructure | None listed | None listed | None listed | None listed | | |
| Arterial Management agencies from which your agency receives | | | | | | |
| arterial management agencies from which your agency receives arterial travel times, speeds, and conditions | | | | | | |
| Receive Information | None listed | None listed | None listed | None listed | | |

| | Long B | each City | Metro-North | Railroad MTA |
|--|-------------|-------------|-------------|--------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
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| | | | | |
| Share Infrastructure | None listed | None listed | None listed | None listed |
| Incident Management agencies from which your agency receives | | | | |
| incident severity, location, and type | | | | |
| | | | | |
| Receive Information | None listed | None listed | Transcom | None listed |
| | | | | |
| | | | | |
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| | | | | |
| | | | | |
| | | | | |
| Share Infrastructure | None listed | None listed | None listed | None listed |

| | ΜΤΔΙ | MTA Long Island Bus | | sit Corporation(NJ) |
|---|--------------------------|-----------------------------|-------------------------|---|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| | 1555 | 2000 | 1555 | 2000 |
| Agency Returned Survey? | Yes | | Yes | |
| Transit operators in the region that use the same electronic payment system | | | | |
| | | | | |
| | | | | |
| | New York City Departn | nent of Transportation, New | | |
| | York City Transit Author | • | None listed | |
| Toll operators from whom you accept electronic payment of transit | | | | |
| fare through the use of ETC media | None listed | | None listed | |
| Receiving real-time information via electronic means from others | | | | |
| Freeway Management agencies from which your agency receives | | | | |
| freeway travel times, speeds, and conditions | | | | |
| | | | | |
| Receive Information | Nana liatad | None listed | Nama listed | TRANSCOM, Norfolk |
| Receive information | None listed | None listed | None listed | Southern, Conrail, Amtrak |
| | | | New Jersey Department o | f New Jersey Department o |
| | | | Transportation, New | Transportation, New |
| | | | | Jersey Highway Authority, |
| | | | New Jersey Turnpike | New Jersey Turnpike |
| | | | | Authority, New York City |
| | | | Department of | Department of |
| | | | Transportation, Port | Transportation, Port Authority of New York and |
| | | | New Jersey, Norfolk | New Jersey, Norfolk |
| Share Infrastructure | None listed | None listed | | Southern, Conrail, Amtrak |
| Arterial Management agencies from which your agency receives | | | | |
| arterial travel times, speeds, and conditions | | | | |
| Receive Information | None listed | None listed | None listed | None listed |

| | MTA Long Island Bus | | New Jersey Tran | sit Corporation(NJ) |
|--|---------------------|-------------|---|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Share Infrastructure | None listed | None listed | New York City Departmen of Transportation, Newark City, Ocean County, Passaic City, Patterson City, Somerset County, Union City, Union | Bayonne City Public Works Department, Bergen County, Clifton City, East Orange City, Edison Township, Elizabeth City, Essex County, Hunterdon County, Irvington Township, Jersey City, Middlesex County, Monmouth County, New Jersey Department of Transportation, New Jersey Highway Authority t New York City Departmer of Transportation, Newark City, Ocean County, Passaic City, Patterson City, Somerset County, Union City, Union Township, Warren County |
| Incident Management agencies from which your agency receives | | | | |
| incident severity, location, and type | | | | |
| Receive Information | TRANSCOM | None listed | TRANSCOM, Amtrak | TRANSCOM, Amtrak, Norfolk Southern/Conrail |
| Share Infrastructure | None listed | None listed | Transportation, New Jersey Highway Authority, New Jersey Turnpike | f New Jersey Department of Transportation, New Jersey Highway Authority New Jersey Turnpike Authority, Port Authority o New York and New Jersey, Amtrak, Norfolk Southern/Conrail |

| | | New York City Transit Authority | | Norwalk Transit District/Westport Transit Lines(CT) | | |
|---|-------------|---------------------------------|-------------|---|--|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | | |
| | | | | | | |
| Agency Returned Survey? | Yes | | Yes | | | |
| Transit operators in the region that use the same electronic payment system | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | None listed | | None listed | | | |
| Toll operators from whom you accept electronic payment of transit | | | | | | |
| fare through the use of ETC media | None listed | | None listed | | | |
| Receiving real-time information via electronic means from others | | | | | | |
| Freeway Management agencies from which your agency receives | | | | | | |
| freeway travel times, speeds, and conditions | | | | | | |
| | | | | | | |
| | | | | | | |
| Receive Information | None listed | None listed | None listed | None listed | | |
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| | | | | | | |
| Share Infrastructure | None listed | None listed | None listed | None listed | | |
| Arterial Management agencies from which your agency receives | | | | | | |
| arterial travel times, speeds, and conditions | | | | | | |
| Receive Information | None listed | None listed | None listed | None listed | | |

| | Now York City | y Transit Authority | Nonvalk Transit Distri | Norwalk Transit District/Westport Transit Lines(CT | |
|--|---------------|---------------------|------------------------|--|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| | | | | | |
| Share Infrastructure | None listed | None listed | None listed | None listed | |
| Incident Management agencies from which your agency receives | | | | | |
| incident severity, location, and type | | | | | |
| Receive Information | None listed | None listed | None listed | None listed | |
| Share Infrastructure | None listed | None listed | None listed | None listed | |

| | Putna | Putnam County Transit | | Stamford Dial-A-Ride(CT) | |
|--|-------------|-----------------------|-------------|--------------------------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| | | | | | |
| gency Returned Survey? | Yes | | Yes | | |
| ransit operators in the region that use the same electronic payment system | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| oll operators from whom you accept electronic payment of transit | None listed | | None listed | | |
| fare through the use of ETC media | | | | | |
| Receiving real-time information via electronic means from others | None listed | | None listed | | |
| Freeway Management agencies from which your agency receives | | | | | |
| freeway travel times, speeds, and conditions | | | | | |
| | | | | | |
| | | | | | |
| Receive Information | None listed | None listed | None listed | None listed | |
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| | | | | | |
| Share Infrastructure | None listed | None listed | None listed | None listed | |
| Arterial Management agencies from which your agency receives | | | | | |
| arterial travel times, speeds, and conditions | | | | | |
| Receive Information | None listed | None listed | None listed | None listed | |

| | Putnam County Transit | | Stamford Dial-A-Ride(CT) | |
|--|-----------------------|-------------|--------------------------|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| | | | | |
| Share Infrastructure | None listed | None listed | None listed | None listed |
| Incident Management agencies from which your agency receives | | | | |
| incident wanagement agencies from which your agency receives | | | | |
| | | | | |
| Receive Information | None listed | None listed | None listed | None listed |
| | | | | |
| Share Infrastructure | None listed | None listed | None listed | None listed |

| | Suff | Suffolk County | | Triboro Coach Corporation | |
|--|--------------|----------------|-------------|---------------------------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| Annual Deturned Curren O | | _ | | | |
| Agency Returned Survey? | Yes | | Yes | | |
| ransit operators in the region that use the same electronic payment system | | | | | |
| | | | | | |
| | | | | | |
| | None listed | | Nama Katad | | |
| oll operators from whom you accept electronic payment of transit | inone listed | | None listed | | |
| fare through the use of ETC media | None listed | | None listed | | |
| Receiving real-time information via electronic means from others | | | | | |
| Freeway Management agencies from which your agency receives | | | | | |
| freeway travel times, speeds, and conditions | | | | | |
| | | | | | |
| | | | | | |
| Receive Information | None listed | None listed | None listed | None listed | |
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| | | | | | |
| Share Infrastructure | None listed | None listed | None listed | None listed | |
| Arterial Management agencies from which your agency receives | | | | | |
| arterial travel times, speeds, and conditions | | | | | |
| Receive Information | None listed | None listed | None listed | None listed | |

| | Suffolk County | | Triboro Coach Corporation | |
|--|----------------|-------------|---------------------------|-------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
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| | | | | |
| | | | | |
| Share Infrastructure | None listed | None listed | None listed | None listed |
| Incident Management agencies from which your agency receives | | | | |
| incident severity, location, and type | | | | |
| | | | | |
| Receive Information | None listed | None listed | None listed | None listed |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Share Infrastructure | None listed | None listed | None listed | None listed |

| | Westo | stchester County | |
|---|-------------|------------------|--|
| Agency Name | 1999 | 2005 | |
| | | | |
| Agency Returned Survey? | Yes | | |
| Transit operators in the region that use the same electronic payment system | | | |
| | | | |
| | | | |
| | | | |
| | None listed | | |
| Toll operators from whom you accept electronic payment of transit | | | |
| fare through the use of ETC media | None listed | | |
| Receiving real-time information via electronic means from others | | | |
| Freeway Management agencies from which your agency receives | | | |
| freeway travel times, speeds, and conditions | | | |
| | | | |
| Receive Information | None listed | None listed | |
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| | | | |
| Share Infrastructure | None listed | None listed | |
| Arterial Management agencies from which your agency receives | | | |
| arterial travel times, speeds, and conditions | News Reted | Novo Koto d | |
| Receive Information | None listed | None listed | |

| | Wes | stchester County |
|---|-------------|------------------|
| Agency Name | 1999 | 2005 |
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| | | |
| Share Infrastructure | None listed | None listed |
| Incident Management agencies from which your agency receives incident severity, location, and type | | |
| incluent severity, location, and type | | |
| | | |
| Receive Information | None listed | None listed |
| | | |
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| | | |
| | | |
| | | |
| Share Infrastructure | None listed | None listed |

Appendix K Transit Management Information Collection and Dissemination

| | | Oladataan Mini Taara | | _ |
|---|--|---|---|-------------|
| | | Clarkstown Mini-Trans | | Bus Company |
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| | | | | |
| Agency Returned Survey? | Yes | | Yes | |
| Methods used to disseminate transit information to the public | | | | |
| Technologies your agency uses to disseminate: | | | | |
| Transit routes, schedules and fares | Kiosks, Internet Web Sites, Telephone System | NR | NR | NR |
| Real-time transit schedule adherence or arrival and departure times | Kiosks, Internet Web Sites, Telephone System | NR | NR | NR |
| Technologies employed by other organization receiving your data | | | | |
| Transit routes, schedules and fares | NR | NR | NR | NR |
| Real-time transit schedule adherence or arrival and departure times | NR | NR | NR | NR |
| Internet web site reporting transit routes, schedules and fare, etc. | | | | |
| | NR | | NR | |
| Telephone system for reporting transit information to the public | | | NR | |
| Organizations your agency sends information for dissemination to the public | T.O.R. | | NR | |
| Data collected, archived, and/or transferred to another agency | 1.0.N. | | | |
| Collected by your agency | Vehicle monitoring status | Vehicle monitoring status, | | |
| | Passenger information (e.g., surveys, O/D), Trip | Venicie monitoring status, Passenger information (e.g., surveys, O/D), Trip itinerary planning records, Passenger count, Vehicle time and location | Vehicle monitoring status, Passenger information (e.g., surveys, O/D), Passenger count, Vehicle time and location | NR |

| | Clarksto | wn Mini-Trans | Command Bus Company | |
|---|---------------------------|----------------------------|---------------------|------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Archived by your agency | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | NR | NR | NR | NR |
| Transferred to another agency by your agency | | | | |
| | | | | |
| | | | | |
| | Passenger count, Vehicl | e Passenger count, Vehicle | | |
| | time and location | time and location | NR | NR |
| nportance of making information available to the public | | | | |
| Ranked High | | | | |
| | | | | |
| | | | | |
| | | | | |
| Ranked Medium | Passenger count | | NR | |
| | | | | |
| | | | | |
| | | | | |
| Ranked Low | Vehicle time and location | 1 | NR | |
| | | | | |
| | | | | |
| | | | | |
| | NR | | NR | |
| roups that make requests for the data | | | | |
| | | | | |
| | | | | |
| | Federal DOT personnel, | State DOT personnel | Municipal | |

K - 2

| | Clarkstown | Mini-Trans | Command Bus Company | | |
|----------------------------|-------------------|------------|-----------------------------|-------------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| What is the data used for? | | | | | |
| | | | | | |
| | Funding, Planning | | Dissemination to the public | c, Planning | |

NR: No Response

| | Connecticut Transit-Stamford(CT) | | Green Bus Lines | | | |
|---|----------------------------------|------|---|---------|--|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | | |
| A man and Defense and Demons D | | | | | | |
| Agency Returned Survey? | Yes | | Yes | | | |
| Methods used to disseminate transit information to the public | | | | | | |
| Technologies your agency uses to disseminate: | | | | | | |
| Transit routes, schedules and fares | | | Internet Web Sites, | | | |
| | NR | NR | Telephone System | NR | | |
| Real-time transit schedule adherence or arrival and departure times | | | | | | |
| | NR | NR | Telephone System | Kiosks | | |
| Technologies employed by other organization receiving your data | | | | | | |
| Transit routes, schedules and fares | NR | NR | NR | NR | | |
| Real-time transit schedule adherence or arrival and departure times | | | | | | |
| | NR | NR | NR | NR | | |
| Internet web site reporting transit routes, schedules and fare, etc. | NR | | www.greenbus.com | | | |
| Telephone system for reporting transit information to the public | | | www.greenbus.com | | | |
| | NR | | 718-995-4700 customer service | | | |
| Organizations your agency sends information for dissemination to the public | | | NYC Transit Center NYC DOT Battery Maritim | | | |
| | NR | | Kennedy Airport | 5 | | |
| Data collected, archived, and/or transferred to another agency | | | | | | |
| Collected by your agency | | | | | | |
| | NR | NR | Transit operations coordination information, Emergency/evacuation routes and procedures, Intermodal (air, rail, water conditions, Scheduled roadway work zones for transit, Current roadway work zones for transit, Incidents, Weather conditions, Passenger count, Vehicle time and location |) NR | | |

K - 4

| | Connecticut Transit-Stamford(CT) | | Green Bus Lines | |
|---|--|--|--|------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Archived by your agency | | | | |
| | Passenger count | Transit operations coordination information, Vehicle monitoring status, Passenger information (e.g., surveys, O/D) | Incidents, Weather conditions, Passenger count, Vehicle time and location | NR |
| Transferred to another agency by your agency | | | | |
| | NR | Incidents, Transit vehicle signal priority, Trip itinerary planning records, Vehicle time and location | Transit operations coordination information, Passenger count | NR |
| mportance of making information available to the public | | | | |
| Ranked High | Transit operations coordina Trip itinerary planning reco location | ation information, Incidents, rds, Vehicle time and | Transit operations coordina Intermodal (air, rail, water) | |
| Ranked Medium | | | | |
| | Transit vehicle signal prior | ity | Incidents, Passenger coun | t |
| Ranked Low | | ity | indiacina, i assenger couri | |
| | Passenger count | | Scheduled roadway work z roadway work zones for tra | |
| Groups that make requests for the data | Ĭ | | | |
| | Advanced Traveler Information Systems (ATIS) providers, MPOs, Media (I.e., TV stations, radio stations), State DOT personnel personnel | | personnel, State DOT | |

K - 5

| | Connecticut Tran | sit-Stamford(CT) | Green Bus Lines | | |
|----------------------------|-----------------------------|------------------|----------------------------|--------------------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| What is the data used for? | | | | | |
| | | | | | |
| | | | | | |
| | Dissemination to the public | , Planning | Planning, Construction imp | pact determination | |

NR: No Response

| | Huntington Area Rapid Transit (HART) | | Jamaica Buses | | |
|--|---|------|--|------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| Anoney Deturned Currey O | | | | | |
| Agency Returned Survey? | Yes | | Yes | | |
| Methods used to disseminate transit information to the public | | | | | |
| Technologies your agency uses to disseminate: | | | | | |
| Transit routes, schedules and fares | NR | NR | Internet Web Sites, Telephone System | NR | |
| Real-time transit schedule adherence or arrival and departure times | | | | | |
| | NR | NR | NR | NR | |
| Technologies employed by other organization receiving your data | | | | | |
| Transit routes, schedules and fares | NR | NR | NR | NR | |
| Real-time transit schedule adherence or arrival and departure times | NR | NR | NR | NR | |
| Internet web site reporting transit routes, schedules and fare, etc. | NR | | www.jamaicabus.com www.itravel.scog.ca.gov/itravel/ | | |
| Telephone system for reporting transit information to the public | NR | | 718-526-0800 | | |
| Organizations your agency sends information for dissemination to the public | | | | | |
| Determined and the transformed to another end to | NR | | NR | | |
| Data collected, archived, and/or transferred to another agency Collected by your agency | | | | | |
| | Intermodal (air, rail, water) conditions, Incidents, Passenger information (e.g., surveys, O/D), | | | | |
| | Passenger count | NR | Passenger count | NR | |

K - 7

| | Liuntington Area D | Huntington Area Dapid Transit (HADT) | | |
|---|--|--|-----------------|------------------|
| annou Namo | | Huntington Area Rapid Transit (HART) 1999 2005 | | naica Buses 2005 |
| Agency Name Archived by your agency | 1999 | 2005 | 1999 | 2005 |
| Archived by your agency | | | | |
| | | | | |
| | | | | |
| | | | | |
| | Intermodal (air, rail, water) | | | |
| | conditions, Incidents, | | | |
| | Passenger information | | | |
| | (e.g., surveys, O/D), | | Deserves | |
| Transferred to another agapay by your agapay | Passenger count | NR | Passenger count | NR |
| Transferred to another agency by your agency | | | | |
| | Intermodal (air, rail, water) conditions, Incidents, | | | |
| | Passenger information | | | |
| | (e.g., surveys, O/D), | | | |
| | | NR | NR | NR |
| mportance of making information available to the public | | | | |
| Ranked High | | | | |
| | | | | |
| | | | | |
| | | | | |
| | Intermodal (air, rail, water) | aanditiana | NR | |
| Ranked Medium | internodar (air, raii, water) | conditions | | |
| | | | | |
| | | | | |
| | | | | |
| | NR | | NR | |
| Ranked Low | | | | |
| | | | | |
| | | | | |
| | Incidents, Passenger inforr | mation (e.g. surveys O/ | וח | |
| | Passenger count | | NR | |
| Groups that make requests for the data | | | | |
| | | | | |
| | Consultants, MPOs, Feder | | | |
| | DOT personnel, Universitie | s | City DOT | |

K - 8

| | Huntington Area Ra | pid Transit (HART) | Jamaica Buses | |
|----------------------------|--------------------|--------------------|---------------|------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| What is the data used for? | | | | |
| | | | | |
| | Planning | | Do not know | |

NR: No Response

| | Lana D | anah City | Metro-North Railroad MTA | |
|---|---|----------------|---|---|
| Agency Name | 1999 | each City 2005 | 1999 | 2005 |
| Agency Mame | 1000 | 2000 | 1000 | 2000 |
| Agency Returned Survey? | Yes | | Yes | |
| Methods used to disseminate transit information to the public | 165 | | | |
| Technologies your agency uses to disseminate: | | | | |
| Transit routes, schedules and fares | | | | |
| | NR | NR | Internet Web Sites, Telephone System | NR |
| Real-time transit schedule adherence or arrival and departure times | NR | NR | Monitors/VMS (not in vehicle), Telephone System | Variable Message Signs (in vehicle) |
| Technologies employed by other organization receiving your data | | | | |
| Transit routes, schedules and fares | NR | NR | Internet Web Sites, Telephone System | NR |
| Real-time transit schedule adherence or arrival and departure times | NR | NR | Telephone System | NR |
| Internet web site reporting transit routes, schedules and fare, etc. | NR | | www.mta.nye.ny.us | |
| Telephone system for reporting transit information to the public | NR | | 1-800-638-7646 1-212-532-4900 | 1 |
| Organizations your agency sends information for dissemination to the public | | | T | |
| Data collected, archived, and/or transferred to another agency | NR | | Transcom | |
| Collected by your agency | | | | |
| | Passenger count, Vehicle time and location, Route designations (snow emergency, etc), Incidents, Current roadway work zones for transit, Scheduled roadway work zones for transit, Emergency/evacuation routes and procedures | NR | Intermodal (air, rail, water) conditions, Incidents, Weather conditions, Passenger information (e.g., surveys, O/D), Passenger count | Passenger information (e.g., surveys, O/D) |

K - 10

| | | Long Beach City | | | |
|---|---|--|---|--|--|
| | | | | th Railroad MTA | |
| Agency Name Archived by your agency | 1999 | 2005 | 1999 | 2005 | |
| Archived by your agency | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | Incidente Decembra | | |
| | | | Incidents, Passenger information (e.g., survey | e . | |
| | NR | NR | O/D), Passenger count | NR | |
| Transferred to another agency by your agency | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | NR | NR | Incidents | NR | |
| mportance of making information available to the public | | | | | |
| Ranked High | | | | | |
| | | | | | |
| | | | | | |
| | | ute designations (snow rent roadway work zones fo | Intermodal (air, rail, wate | | |
| | | acuation routes and proce | | conditions, Passenger information (e.g., surveys, s O/D) | |
| Ranked Medium | | ····· | , | | |
| | | | | | |
| | | n (e.g., surveys, O/D), Roa | | | |
| | conditions, Vehicle tin roadway work zones f | ne and location, Scheduled | Passenger count | | |
| Ranked Low | | | | | |
| | | Weather conditions, Trip itinerary planning records, Emergency vehicle signal preemption, Transit operations coordination information, Incidents, Intermodal (air, rail, water) conditions, Highway | | | |
| | | | | | |
| | | | | | |
| | | operations coordination information, Transit vehicle | | | |
| Groups that make requests for the data | signal priority | | Incidents | | |
| | | | | | |
| | Consultants, MPOs, F | - Federal DOT personnel, Sta | ate | | |
| | DOT personnel, Unive | | Media (I.e., TV stations, | radio stations) | |

K - 11

| | Long Be | ach City | Metro-North | Railroad MTA |
|----------------------------|----------|----------|-----------------------------|--------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| What is the data used for? | | | | |
| | | | | |
| | Planning | | Dissemination to the public | |

| | MTALass | g Island Bus | New Jersey Transit Corporation(NJ) | |
|---|--|---------------------------------------|--|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| | | | | |
| Agency Returned Survey? | Yes | | Yes | |
| Methods used to disseminate transit information to the public | | | | |
| Technologies your agency uses to disseminate: | | | | |
| Transit routes, schedules and fares | Audible Enunciators, Telephone System | Kiosks, Internet Web Sites | Internet Web Sites, Telephone System | Monitors/VMS (not in vehicle), Internet Web Sites, Telephone System |
| Real-time transit schedule adherence or arrival and departure times | NR | Monitors/VMS (not in vehicle), Kiosks | NR | Monitors/VMS (not in vehicle), Internet Web Sites, Telephone System |
| Technologies employed by other organization receiving your data | | | | |
| Transit routes, schedules and fares | NR | Internet Web Sites | Internet Web Sites | Internet Web Sites |
| Real-time transit schedule adherence or arrival and departure times | NR | Monitors/VMS (not in vehicle) | NR | Kiosks, Pagers or personal data assistants |
| Internet web site reporting transit routes, schedules and fare, etc. | | | | |
| Telephone system for reporting transit information to the public | | | www.njtransit.state.nj.us 973.762.5100 | |
| Organizations your agency sends information for dissemination to the public | | | | |
| Data collected, archived, and/or transferred to another agency | NR | | Transcom | |
| Collected by your agency | Transit operations coordination information, Scheduled roadway work zones for transit, Current roadway work zones for transit, Incidents, Route designations (snow emergency, etc), Vehicle | | Incidents, Weather | Transit operations coordination information, Incidents, Weather conditions, Vehicle |
| | monitoring status, Passenger information (e.g., surveys, O/D), Passenger count, Vehicle time and location | | conditions, Vehicle monitoring status, Passenger information (e.g., surveys, O/D), Vehicle time and location | monitoring status, Passenger information (e.g., surveys, O/D), Passenger count, Vehicle |

| | MTA Long | Island Bus | New Jersey Tran | sit Corporation(NJ) |
|---|---|--------------------------|--|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| Archived by your agency | | | | |
| | | | | |
| | Transit operations | | | |
| | coordination information, Incidents, Vehicle | | | Incidents, Weather conditions, Vehicle |
| | monitoring status, | | Incidents, Vehicle | monitoring status, |
| | Passenger information | | monitoring status, | Passenger information |
| | (e.g., surveys, O/D), | | Passenger information | (e.g., surveys, O/D), |
| | Passenger count, Vehicle time and location | NR | (e.g., surveys, O/D), Vehicle time and location | Passenger count, Vehicl time and location |
| Transferred to another agency by your agency | | | | |
| | | | | |
| | | | | T itti |
| | Transit operations | | | Transit operations coordination |
| | coordination information | NR | NR | Incidents |
| mportance of making information available to the public | | | | |
| Ranked High | | | | |
| | | | | |
| | Transit operations coordina Scheduled roadway work z | | Intermodal (air, rail, water) | conditions Current |
| | designations (snow emerge | | | |
| | location | .,, | monitoring status, Vehicle | |
| Ranked Medium | | | operations coordination in | |
| | | | Emergency/evacuation routes and procedures, Scheduled roadway work zones for transit, Weath | |
| | | | conditions, Passenger info | |
| | Passenger information (e.g | g., surveys, O/D) | O/D) | |
| Ranked Low | | | | |
| | | | | |
| | | | Transit vehicle signal prior | ity, Emergency vehicle |
| | | | signal preemption, Trip itir | |
| Groups that make requests for the data | Incidents, Vehicle monitori | ng status, Passenger cou | nt Passenger count | |
| broups that make requests for the data | | | | |
| | | | Advanced Traveler Inform | ation Systems (ATIS) |
| | MPOs, Federal DOT perso | onnel, State DOT personn | | |

| | MTA Long | Island Bus | New Jersey Tran | sit Corporation(NJ) |
|---|----------|------------|-----------------------------|---------------------|
| Agency Name What is the data used for? | 1999 | 2005 | 1999 | 2005 |
| | | | | |
| | Planning | | Dissemination to the public | _ |

| | New York City | Transit Authority | Norwalk Transit Distri | ct/Westport Transit Lines(CT) |
|---|---|--|------------------------|-------------------------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| | | | | |
| Agency Returned Survey? | Yes | | Yes | |
| Methods used to disseminate transit information to the public | | | | |
| Technologies your agency uses to disseminate: | | | | |
| Transit routes, schedules and fares | Kiosks, Internet Web Sites, Telephone System | NR | NR | NR |
| Real-time transit schedule adherence or arrival and departure times | Monitors/VMS (not in vehicle), Kiosks | Audible Enunciators, Monitors/VMS (not in vehicle), Kiosks | NR | NR |
| Technologies employed by other organization receiving your data | | | | |
| Transit routes, schedules and fares | NR | NR | NR | NR |
| Real-time transit schedule adherence or arrival and departure times | NR | NR | NR | NR |
| Internet web site reporting transit routes, schedules and fare, etc. | | | | |
| | http://www.mta.nyc.ny.us/nyct/index.html | | NR | |
| Telephone system for reporting transit information to the public | | | NR | |
| Organizations your agency sends information for dissemination to the public | | | | |
| | NR | | NR | |
| Data collected, archived, and/or transferred to another agency | | | | |
| Collected by your agency | | | | |
| | | Passenger count, Trip itinerary planning records, Passenger information (e.g., surveys, O/D), Vehicle monitoring status, Emergency vehicle signal preemption, Vehicle time and location, Transit operations coordination information, Transit | | |
| | NR | vehicle signal priority | NR | NR |

| 1999 | New York City Transit Authority | | Norwalk Transit District/Westport Transit Lines(C | |
|-------------------------|---|--|--|--|
| 1999 | 2005 | 1999 | 2005 | |
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| NR | NR | NR | NR | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| NR | NR | NR | NR | |
| r assenger count, m | np iunerary planning records | , | | |
| Passenger information | ion (e.g., surveys, O/D), Veh | icle | | |
| | | | | |
| | | | | |
| | | | | |
| (air, rail, water) cond | ditions, Emergency/evacuation | on NR | | |
| | | | | |
| | | | | |
| | | | | |
| | c), Highway operations coordination information, | | | |
| Ŭ | | | | |
| | | | | |
| | | | | |
| | | | | |
| NR | | NR | | |
| | | | | |
| Advanced Traveler | Information Systems (ATIS) | | | |
| | | | | |
| - - | NR Passenger count, r Passenger informat monitoring status, F location, Transit ope Incidents, Current ro Scheduled roadway (air, rail, water) cond Weather conditions. preemption, Route of etc), Highway opera Transit vehicle signa NR NR | NR NR rassenger count, mp unclary planning records Passenger information (e.g., surveys, O/D), Veh monitoring status, Road conditions, Vehicle time location, Transit operations coordination informat Incidents, Current roadway work zones for transit, Interr (air, rail, water) conditions, Emergency/evacuation Weather conditions, Emergency vehicle signal preemption, Route designations (snow emergen etc), Highway operations coordination information Transit vehicle signal priority NR Advanced Traveler Information Systems (ATIS) | NR NR NR Passenger count, Thp unleary planning records, Passenger information (e.g., surveys, O/D), Vehicle monitoring status, Road conditions, Vehicle time and location, Transit operations coordination information, Incidents, Current roadway work zones for transit, Scheduled roadway work zones for transit, Intermodal (air, rail, water) conditions, Emergency/evacuation NR Weather conditions, Emergency vehicle signal preemption, Route designations (snow emergency, etc), Highway operations coordination information, Transit vehicle signal priority NR NR NR NR NR | |

| | New York City 7 | Fransit Authority | Norwalk Transit District/W | /estport Transit Lines(CT) |
|----------------------------|-----------------------------|--------------------|----------------------------|----------------------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| What is the data used for? | | | | |
| | | | | |
| | Dissemination to the public | , Traffic analysis | NR | |

| | Putnam | County Transit | Stamford Dial-A-Ride(CT) | |
|---|-----------------|----------------|--------------------------|------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| | | | | |
| Agency Returned Survey? | Yes | | Yes | |
| Methods used to disseminate transit information to the public | | | | |
| Technologies your agency uses to disseminate: | | | | |
| Transit routes, schedules and fares | | | | |
| | | | | |
| | NR | NR | NR | NR |
| Real-time transit schedule adherence or arrival and departure times | | | | |
| | | | | |
| Technologies employed by other organization receiving your data | NR | NR | NR | NR |
| Transit routes, schedules and fares | | | | |
| ו המוסור וטענכס, סטובעעובס מווע זמובס | NR | NR | NR | NR |
| Real-time transit schedule adherence or arrival and departure times | | | | |
| · | | | | |
| Internet web site reporting transit routes, schedules and fare, etc. | NR | NR | NR | NR |
| internet web site reporting transit routes, schedules and rare, etc. | | | | |
| Telephone system for reporting transit information to the public | NR | | NR | |
| | NR | | NR | |
| Organizations your agency sends information for dissemination to the public | | | | |
| · · · · · · · · · · · · · · · · · · · | | | | |
| | NR | | NR | |
| Data collected, archived, and/or transferred to another agency | | | | |
| Collected by your agency | | | | |
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| | | | | |
| | | | | |
| | | | | |
| | Passenger count | NR | NR | NR |

| | Putnan | m County Transit | Stamfo | rd Dial-A-Ride(CT) | |
|---|-------------------------|---|--------|--------------------|--|
| gency Name | 1999 | 2005 | 1999 | 2005 | |
| Archived by your agency | | | | | |
| | | | | | |
| | | | | | |
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| | | | | | |
| | | | | | |
| | | | | | |
| | Passenger count | NR | NR | NR | |
| Transferred to another agency by your agency | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | Passenger count | NR | NR | NR | |
| nportance of making information available to the public | | | | | |
| Ranked High | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | Passenger count | | NR | NR | |
| Ranked Medium | | | | | |
| | | | | | |
| | | undianationa informationa. I limb | | | |
| | | Transit operations coordination information, Highway operations coordination information | | | |
| Ranked Low | | itinerary planning records, Passenger information | | | |
| | (e.g., surveys, O/D), V | (e.g., surveys, O/D), Vehicle monitoring status, Road | | | |
| | | conditions, Emergency vehicle signal preemption, | | | |
| | Route designations (sr | Route designations (snow emergency, etc), Incidents, Current roadway work zones for transit, Scheduled | | | |
| | | or transit, Intermodal (air, r | | | |
| roups that make requests for the data | | x - 1 | | | |
| | | | | | |
| | | · - · | | | |
| | Consultants, State DO | personnei | NR | | |

| | Putnam Co | unty Transit | Stamford D | ial-A-Ride(CT) |
|----------------------------|-----------|--------------|------------|----------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| What is the data used for? | | | | |
| | | | | |
| | | | | |
| | Planning | | NR | |

| | Suf | Suffolk County | | Coach Corporation |
|---|--------------------|----------------------|------|-------------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 |
| | | | | |
| Agency Returned Survey? | Yes | | Yes | |
| Methods used to disseminate transit information to the public | | | | |
| Technologies your agency uses to disseminate: | | | | |
| Transit routes, schedules and fares | | | | |
| | | | | |
| | Internet Web Sites | NR | NR | NR |
| Real-time transit schedule adherence or arrival and departure times | | | | |
| | | | | |
| | NR | NR | NR | NR |
| Technologies employed by other organization receiving your data | | | | |
| Transit routes, schedules and fares | NR | Internet M/eh. Cites | NR | |
| Real-time transit schedule adherence or arrival and departure times | INK | Internet Web Sites | NR | NR |
| | | | | |
| | NR | NR | NR | NR |
| Internet web site reporting transit routes, schedules and fare, etc. | www.sct-bus.org | | | |
| | www.itravel.org | | NR | |
| Telephone system for reporting transit information to the public | | | | |
| Organizations your agency sends information for dissemination to the public | NR | | NR | |
| organizations your agency sends information for dissemination to the public | | | | |
| | NR | | NR | |
| Data collected, archived, and/or transferred to another agency | | | | |
| Collected by your agency | | | | |
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| | | | | |
| | NR | NR | NR | NR |

| | S | Suffolk County | Triboro C | oach Corporation |
|---|------|----------------|-----------|------------------|
| gency Name | 1999 | 2005 | 1999 | 2005 |
| Archived by your agency | | | | |
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| | | | | |
| | | | | |
| | | | | |
| Transferred to another agency by your agency | NR | NR | NR | NR |
| Transiened to another agency by your agency | | | | |
| | | | | |
| | | | | |
| | | | | |
| nportance of making information available to the public | NR | NR | NR | NR |
| Ranked High | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Ranked Medium | NR | | NR | |
| Ranked Medium | | | | |
| | | | | |
| | | | | |
| | NR | | NR | |
| Ranked Low | | | | |
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| norma that make normalia for the date | NR | | NR | |
| roups that make requests for the data | | | | |
| | | | | |
| | NR | | NR | |

| | Suffolk | County | Triboro Coach Corporation | | |
|----------------------------|---------|--------|---------------------------|------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | |
| What is the data used for? | | | | | |
| | | | | | |
| | NR | | NR | | |

| | Westo | hester County | | |
|---|--|-----------------------------|--|--|
| Agency Name | 1999 | 2005 | | |
| | | | | |
| Agency Returned Survey? | Yes | | | |
| Methods used to disseminate transit information to the public | | | | |
| Technologies your agency uses to disseminate: | | | | |
| Transit routes, schedules and fares | Facsimile, Kiosks, Telephone System | Telephone System | | |
| Real-time transit schedule adherence or arrival and departure times | NR | Kiosks, Telephone System | | |
| Technologies employed by other organization receiving your data | | | | |
| Transit routes, schedules and fares | NR | NR | | |
| Real-time transit schedule adherence or arrival and departure times | | | | |
| Internet web site reporting transit routes, schedules and fare, etc. | NR | NR | | |
| | www.westchestergov.c | om/beeline | | |
| Telephone system for reporting transit information to the public | 914-682-2020 TDD- 914-682-4364 | | | |
| Organizations your agency sends information for dissemination to the public | Transcom Metro Traffic | | | |
| Data collected, archived, and/or transferred to another agency | | | | |
| Collected by your agency | | | | |
| | NR | NR | | |

| | | /estchester County |
|--|------|--------------------|
| Agency Name | 1999 | 2005 |
| Archived by your agency | | |
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| Transferred to another agency by your agency | NR | NR |
| Transferred to another agency by your agency | | |
| | | |
| | | |
| | | |
| | NR | NR |
| Importance of making information available to the public | | |
| Ranked High | | |
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| | NR | |
| Ranked Medium | | |
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| | NR | |
| Ranked Low | | |
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| | | |
| Groups that make requests for the data | NR | |
| Groups that make requests for the data | | |
| | | |
| | | |
| | NR | |

| | Westch | nester County |
|---|--------|---------------|
| Agency Name What is the data used for? | 1999 | 2005 |
| | NR | |

Appendix L Emergency Management

| | Total | /ehicles | Navigation | Capabilities | A | VL |
|--|----------------------|---------------------|------------------|--------------------|------------------|--------------------|
| Agency Name | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Amityville Fire District | 11 | 11 | 0 | 0 | 0 | 0 |
| Amityville Fire District Emergency Medical | 1 | 1 | 0 | 0 | 0 | 0 |
| Babylon Fire District | 12 | 12 | 0 | 0 | 0 | 0 |
| Babylon Fire District Emergency Medical Babylon Town Fire Marsha & Hazardous Materials Response | 1 8 | 1 8 | 0 0 | 0 0 | 0 0 | 0 0 |
| Bayonne City Fire Department(NJ) Bridgeport City Emergency Medical Services(CT) | 20 15 | NR NR | 0 | NR NR | 0 0 | NR NR |
| Bridgeport City Fire Department(CT) Bridgeport City Police Department(CT) Clifton City Fire Department (EMS)(NJ) Clifton City Fire Department(NJ) | 54 188 5 17 | NR NR 5 17 | 0 0 0 0 | NR NR 0 0 | 0 0 0 0 | NR NR 0 0 |
| Copiague Fire District | 11 | 11 | 0 | 0 | 0 | 0 |
| Copiague Fire District Emergency Medical | 2 | 2 | 0 | 0 | 0 | 0 |
| Deer Park Fire District | 15 | 15 | 0 | 0 | 0 | 0 |
| | | | | | | |
| Deer Park Fire District Emergency Medical | 3 | 3 | 0 | 0 | 0 | 0 |
| East Farmingdale Fire District | 12 | 12 | 0 | 0 | 0 | 0 |

| | Total | Total Vehicles Navigation C | | Capabilities | А | VL |
|---|-----------------|-----------------------------|---------|--------------|---------|----------|
| Agency Name | | 2005 | 1999 | 2005 | 1999 | 2005 |
| | | | | | | |
| East Farmingdale Fire District Emergency Medical Elizabeth City Emergency Medical Services(NJ) | 3 9 | 3 NR | 0 | 0 NB | 0 | 0 NB |
| | 9 | | 0 | | 0 | |
| Elizabeth City Fire Department(NJ) | 14 | 16 | 0 | 0 | 0 | 14 |
| Elizabeth City Police Department(NJ) | 68 | NR | 0 | NR | 40 | NR |
| Greenburgh Town Emergency Medical Services | 8 | 9 | 8 | 9 | 8 | 9 |
| Greenburgh Town Police Department | 23 16 | 25 NR | 15 0 | 17 NR | 15 0 | 17 NR |
| Islip City Fire Department King County Sheriff | 3 | 4 | 0 | 0 | 0 | 0 |
| Lindenhurst Fire District Emergency Medical(NJ) | 2 | 2 | 0 | 0 | 0 | 0 |
| | | | | | | |
| Lindenhurst Fire District(NJ) Monmouth County Sheriff(NJ) | <u>12</u> 50 | 12 55 | 0 | 0 | 0 | 0 |
| Mount Vernon City Emergency Medical Services | 5 | 8 | 0 | 0 | 0 | 0 |
| Mount Vernon City Fire Department | 10 | 12 | 0 | 0 | 0 | 0 |
| Mount Vernon City Police Department | 44 | NR | 0 | 1 | 0 | 0 |
| New Jersey Highway Authority(NJ) | 123 | NR | 0 | NR | 0 | NR |
| New Rochelle Fire Department | 14 | 14 | 0 | NR | 0 | NR |
| New York County Sheriff | 52 | 55 | 0 | 0 | 0 | 0 |
| North Amityville Fire District | 11 | 11 | 0 | 0 | 0 | 0 |
| | | | | | | |
| North Amityville Fire District Emergency Medical | 2 | 2 | 0 | 0 | 0 | 0 |
| North Babylon Fire District | 15 | 15 | 0 | 0 | 0 | 0 |

| | Total Vehicles | | Navigation Capabilities | | AVL | |
|---|----------------|----------|-------------------------|--------|------|------|
| Agency Name | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| | | | | | | |
| North Babylon Fire District Emergency Medical | 3 | 3 | 0 | 0 | 0 | 0 |
| North Lindenhurst Fire District Emergency Medical(NJ) | 2 | 2 | 0 | 0 | 0 | 0 |
| North Lindenhurst Fire District(NJ) | 10 | 10 | 0 | 0 | 0 | 0 |
| Norwalk City Fire Department(CT) Queens County Sheriff | 9 26 | 11 30 | 0 | 6 0 | 0 | 0 |
| Richmond County Sheriff | 3 | 3 | 0 | 0 | 0 | 0 |
| Suffolk County Emergency Medical Services | 210 | 240 | 0 | 0 | 0 | 0 |

| | Total | Vehicles | Navigation | Capabilities | AVL | | |
|---|-------|----------|------------|--------------|------|------|--|
| Agency Name | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | |
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| | | | | | | | |
| Suffolk County Fire Department Sussex County Sheriff | 1,500 | 1,700 | 0 | 0 | 0 | 0 | |
| Sussex County Sheriff | 33 | NR | 0 | NR | 0 | NR | |
| West Babylon Fire District | 13 | 13 | 0 | 0 | 0 | 0 | |
| | | | | | | | |
| West Babylon Fire District Emergency Medical | 3 | 3 | 0 | 0 | 0 | 0 | |
| Wyandanch Fire District | 13 | 13 | 0 | 0 | 0 | 0 | |
| | | | | | | | |
| Wyandanch-Wheatley Heights Ambulance Services Emergency Medical | 7 | 7 | 0 | 0 | 0 | 0 | |
| Yonkers Fire Department | 30 | 30 | 0 | 30 | 0 | 30 | |

| C/ | AD | | with Mobile Data ninal | Vehicles Equipp | ed with Preemption | Participate in Formal Incident Mgt Program | Send Incident Info to other agencies | |
|------|------|------|---------------------------|-----------------|--------------------|--|--------------------------------------|--|
| 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | Particij Incider Progra | Send I | List of agencies receiving data |
| 11 | 11 | 0 | 1 | 3 | 11 | Yes | Yes | Fire Prevention & |
| 1 | 1 | 0 | 0 | 0 | 1 | Yes | Yes | Emergency Medical Services, New York |
| 12 | 12 | 0 | 1 | 4 | 12 | Yes | Yes | Fire Prevention & |
| 1 | 1 | 0 | 0 | 1 | 1 | Yes | Yes | Emergency Medical Services, New York |
| 8 | 8 | 0 | 0 | 0 | 1 | Yes | Yes | New York State |
| 20 | NR | 0 | NR | 0 | NR | Yes | Yes | Office of |
| 15 | NR | 0 | NR | 0 | NR | Yes | Yes | None listed |
| 54 | NR | 0 | NR | 9 | NR | Yes | Yes | Emergency Operations Center, |
| 188 | NR | 0 | NR | 0 | NR | Yes | Yes | None listed |
| 5 | 5 | 0 | 0 | 0 | 0 | No | No | None listed |
| 17 | 17 | 0 | 0 | 0 | 0 | No | No | None listed |
| 11 | 11 | 0 | 2 | 3 | 11 | Yes | Yes | New York State Fire Prevention & Control |
| 2 | 2 | 0 | 0 | 0 | 2 | Yes | Yes | Suffolk County Emergency Medical Services, New York State Department of Health |
| 15 | 15 | 1 | 2 | 5 | 15 | Yes | Yes | New York State Fire Prevention & Control |
| 3 | 3 | 0 | 0 | 2 | 3 | Yes | Yes | Suffolk County Emergency Medical Services, New York State Health Department |
| 12 | 12 | 1 | 1 | 12 | 12 | Yes | Yes | New York State Fire Prevention & Control |

| C/ | AD | CAD Equipped v Terr | | Vehicles Equippe | d with Preemption | Participate in Formal Incident Mgt Program | Participate in Formal Incident Mgt Program Send Incident Info to other agencies | |
|-------------------|--------------------|------------------------|--------------------|------------------|-------------------|--|---|--|
| 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | Partic Incide Progra | Send | List of agencies receiving data |
| 39 | 3 NR | 0 | 0 NR | <u>3</u> 0 | 3 NR | Yes Yes | Yes No | Suffolk County Emergency Medical Services, New York State Health Department None listed |
| 2 68 | 14 NR | 0 15 | 3 NR | 0 0 | NR 0 | Yes Yes | Yes No | New Jersey Division of Fire Safety None listed |
| 8 23 0 3 | 9 25 NR 4 | 8 15 0 3 | 9 17 NR 4 | 0 0 0 0 | 0 0 NR 0 | Yes No No Yes | Yes No No No | Hudson Valley Regional EMS Council None listed None listed None listed |
| 2 | 2 | 0 | 0 | 0 | 2 | Yes | Yes | Emergency Medical |
| 12 | 12 | 0 | 0 | 4 | 12 | Yes | Yes | Fire Prevention & |
| 0 | 0 | 0 | 10 | 0 | 0 | Yes | No | None listed |
| 0 | 8 12 | 0 | 8 12 | 0 | 0 | No No | No No | None listed None listed |
| 44 | NR | 5 | NR | 0 | 0 | Yes | Yes | Westchester County Crime |
| 0 | NR | 0 | NR | 0 | NR | Yes | Yes | TRANSCOM |
| 0 | 14 | 0 | 14 | 0 | NR | Yes | No | None listed |
| 52 | 55 | 52 | 55 | 0 | 0 | Yes | No | None listed |
| 11 | 11 | 0 | 0 | 3 | 11 | Yes | Yes | New York State Fire Prevention & Suffolk County Emergency Medical Services, New York State Health |
| 2 | 2 | 0 | 0 | 1 | 2 | Yes | Yes | Department |
| 15 | 15 | 0 | 1 | 5 | 15 | Yes | Yes | New York State Fire Prevention & |

| C. | AD | | D Equipped with Mobile Data Terminal Vehicles Equipped with Preemption | | Vehicles Equipped with Preemption | | Send Incident Info to other agencies | |
|------|------|------|---|------|-----------------------------------|--|--------------------------------------|---|
| 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | Participate in Formal Incident Mgt Program | Send Ir other a | List of agencies receiving data |
| 3 | 3 | 0 | 0 | 3 | 3 | Yes | Yes | Suffolk County Emergency Medical Services, New York State Health Department |
| 2 | 2 | 0 | 0 | 2 | 2 | Yes | Yes | Suffolk County Emergency Medical Services, New York State Health Department |
| 10 | 10 | 0 | 1 | 5 | 10 | Yes | Yes | New York State Fire Prevention & |
| 0 | 10 | 0 | 6 | 1 | 1 | Yes | Yes | Connecticut Division of Public |
| 26 | 30 | 26 | 30 | 0 | 0 | Yes | No | None listed |
| 3 | 3 | 3 | 3 | 0 | 0 | Yes | No | None listed |
| | | | | | | | | Suffolk County Department of Public Works - Transp, New York State Emergency Management, New York City Office of Emergency Management, Suffolk County Police Department, Nassau County |
| 0 | 0 | 0 | 0 | 50 | 200 | Yes | Yes | Emergency |

| C/ | AD | | pped with Mobile Data Terminal Vehicles Equipped with Pr | | Vehicles Equipped with Preemption | | Send Incident Info to other agencies | |
|---------|---------|----------|---|------|-----------------------------------|--|---|---|
| 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | Participate in Formal Incident Mgt Program | end li ther a | List of agencies |
| | | <u> </u> | 3 | ~ | N | | <u>0 9</u> | receiving data Suffolk County Police Department, Suffolk County Health Department, Suffolk County Department of Public Works, New York State Emergency Management Agency, Nassau County Emergency Management Agency, New York |
| 15 0 | 1,500 | 0 | 1,000 | 100 | 1,500 | Yes | Yes | City Office of |
| 0 | NR | 0 | NR | NR | NR | No | No | None listed New York State |
| 13 | 13 | 0 | 0 | 4 | 13 | Yes | Yes | Fire Prevention & |
| | | | | | | | | Suffolk County Emergency Medical Services, New York State Health |
| 3 | 3 | 0 | 0 | 3 | 3 | Yes | Yes | Department |
| 13 | 13 | 0 | 1 | 5 | 13 | Yes | Yes | New York State Fire Prevention & Suffolk County |
| 7 30 | 7 30 | 0 | 0 30 | 4 | 7 30 | Yes Yes | Yes | Emergency Medical Services, New York State Health Department None listed |

Appendix M Electronic Toll Collection

| List of toll operators that use tags Authority, Port Authority of New York State NY & NJ NJ, New York State Thruway Authority Port Authority of New York & New Jersey Authority, Port Authority of New York & New Jersey Authority, Port Authority of New York & New Jersey Authority, Port Authority of New York & New Jersey Authority, Port Authority of New York & New Jersey Authority, Port Authority of New York & New Jersey Authority, Port Authority of New York & New Jersey Authority, Port Authority of New York & New Jersey NY Are toll tags used by operators of public transit to pay transit fares No No No No in metro area? No No No No No No | Bridges & Ienry Hudson ridge |
|--|---|
| Number of toll Collection Plazas with dedicated ETC 0 < | 2005 |
| Number of toll Collection Plazas operated 0 | |
| Number of toll collection plazas with dedicated ETC 0 < | |
| Number of toll collection plazas with both manual and ETC 0 14 0 14 < | 0 |
| Number of toll collection lanes operated 28 0 21 0 14 0 14 Number of toll collection lanes with dedicated ETC 8 0 7 0 6 0 9 Number of toll collection lanes with both manual and ETC 24 0 17 0 14 0 14 Number of toll collection tags issued 0 | 0 |
| Number of toll collection lanes with dedicated ETC8070609Number of toll collection lanes with both manual and ETC24017014014Number of toll collection tags issued00000000Antennae Location TechnologiesIn-Pavement?NoNoNoNoNoNoNoNoFocused Beam?NoNoNoNoNoNoNoNoDistributed Overhead?YesYesYesYesYesYesIn-Vehicle Equipment TechnologiesTag-based?YesYesYesYesYesYesIntegrated circuit card-based?NoNoNoNoNoNoAre toll tags used by other toll operations in metro area?YesYesYesYesYesList of toll operators that use tagsNew York State Thruway Authority, Port Authority of NY and NY & NJNoNoNoNoNoAre toll tags used by operators of public transit to pay transit faresNoNoNoNoNoNoIn metro area?NoNoNoNoNoNoNoNoNo | 0 |
| Number of toll collection lanes with both manual and ETC 24 0 17 0 14 0 14 Number of toll collection tags issued 0 14 0 14 0 14 0 14 0 0 0 <td>14</td> | 14 |
| Number of toll collection tags issued 0 | 0 |
| Antennae Location Technologies Image: Construction of the co | 14 |
| In-Pavement? No | 0 |
| Focused Beam? No No No No No No No No Distributed Overhead? Yes | |
| Distributed Overhead? Yes Ye | |
| In-Vehicle Equipment Technologies ves | |
| Tag-based?YesYesYesYesYesYesIntegrated circuit card-based?NoNoNoNoNoAre toll tags used by other toll operations in metro area?YesYesYesYesYesList of toll operators that use tagsNew York State Thruway Authority, Port Authority of NY & NJPort Authority of NY and NJ, New York State Thruway AuthorityPort Authority of NY and NJ, New York State Thruway AuthorityPort Authority of New York State Thruway AuthorityNew York State NY & NJAre toll tags used by operators of public transit to pay transit fares in metro area?NoNoNoNo | |
| Integrated circuit card-based? No No No No No No No No Are toll tags used by other toll operations in metro area? Yes | |
| Are toll tags used by other toll operations in metro area? Yes Yes Yes Yes Yes Yes List of toll operators that use tags New York State Thruway Authority of NV and NJ, New York State Thruway Authority, Port Authority of NV and NJ, New York State Thruway Authority Port Authority of NV and NJ, New York State Thruway Authority Port Authority of New York State Thruway Authority Port Authority of New York State Thruway Authority New York State Thruway Authority Port Authority of New York State Thruway Authority New York State Thruway Auth | |
| List of toll operators that use tags New York State Thruway Authority, Port Authority of NY & NJ Port Authority of NY and NJ, New York State Thruway Authority Port Authority of New York & New York Werk State Thruway Authority Are toll tags used by operators of public transit to pay transit fares No No No | |
| List of toll operators that use tags Authority, Port Authority of NJ, New York State Thruway Authority Port Authority of New York & New Jersey Authority, Port Authority of New York & New Jersey Authority, Port Authority of New York & New Jersey Authority, Port Authority of New York & New Jersey Authority, Port Authority of New York & New Jersey Authority, Port Authority of New York & New Jersey Authority, Port Authority of New York & New Jersey Authority, Port Authority of New York & New Jersey Authority, Port Authority of New York & New Jersey New Jersey New Jersey New Jersey | |
| in metro area? No No No No No | State Thruway ort Authority of ⁄ & NJ |
| | |
| List of transit operators that use tags None None None N | |
| | lone |
| NR: No Response | |

| | MTA Bridges & Tunnels/Marine Parkway Bridge | | MTA Bridges & Tunnels/Queens Midtown Tunnel | | MTA Bridges & Tunnels/Throgs Neck Bridge (1-295) | | MTA Bridges & Tunnels/Triborouth Bri (I-295) | |
|--|---|------|---|------|--|------|--|--|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| | | | | | | | | |
| Agency Returned Survey? | Yes | | Yes | | Yes | | Yes | |
| Number of toll Collection Plazas operated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Number of toll collection plazas with dedicated ETC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Number of toll collection plazas with both manual and ETC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Number of toll collection lanes operated | 14 | 0 | 20 | 0 | 27 | 0 | 43 | 0 |
| Number of toll collection lanes with dedicated ETC | 8 | 0 | 6 | 0 | 11 | 0 | 15 | 0 |
| Number of toll collection lanes with both manual and ETC | 14 | 0 | 20 | 0 | 21 | 0 | 37 | 0 |
| Number of toll collection tags issued | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Antennae Location Technologies | | | | | | | | |
| In-Pavement? | No | | No | | No | | No | |
| Focused Beam? | No | | No | | No | | No | |
| Distributed Overhead? | Yes | | Yes | | Yes | | Yes | |
| In-Vehicle Equipment Technologies | | | | | | | | |
| Tag-based? | Yes | | Yes | | Yes | | Yes | |
| Integrated circuit card-based? | No | | No | | No | | No | |
| Are toll tags used by other toll operations in metro area? | Yes | | Yes | | Yes | | Yes | |
| List of toll operators that use tags | Port Authority of NY & NJ, New York State Thruway Authority | | New York State Thruway Authority, Port Authority of NY and NJ | | 5 | | Authority, Po | tate Thruway rt Authority of nd NJ |
| Are toll tags used by operators of public transit to pay transit fares | | | | | | | | |
| in metro area? | No | | No | | No | | No | |
| List of transit operators that use tags | No | one | No | one | No | one | No | one |
| | | | | | | | | |
| NR: No Response | | | | | | | | |
| | | | | | | | | |

| 1999 2005 1999 2005 1999 2005 1999 2005 Agency Returned Survey? Yes Ye | | Tunnels/\ | MTA Bridges & Tunnels/Verrazano- Narrows Bridge | | ey Highway ity(NJ) | New Jersey Turnpike Authority(NJ) | | New York State Thruw Authority | |
|--|--|---------------|---|------|-----------------------|--------------------------------------|------|---|--|
| Number of toll Collection Plazes operated 0 0 45 45 28 7 NR Number of toll Collection plazes with dedicated ETC 0 0 0 45 0 28 7 NR Number of toll collection plazes with dedinanual and ETC 0 0 0 12 0 28 7 NR Number of toll collection lanes operated 23 0 321 0 300 300 182 NR Number of toll collection lanes with both manual and ETC 12 0 0 0 0 0 0 159 37 NR Number of toll collection lanes with both manual and ETC 21 0 | | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| Number of toll Collection Plazes operated 0 0 45 45 28 7 NR Number of toll collection plazes with both manual and ETC 0 0 0 145 0 28 7 NR Number of toll collection plazes with both manual and ETC 0 0 0 12 0 28 7 NR Number of toll collection lanes operated 23 0 321 0 300 300 182 NR Number of toll collection lanes with both manual and ETC 12 0 0 0 0 0 0 189 37 NR Number of toll collection lanes with both manual and ETC 21 0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | | | | |
| Number of toil collection plazas with both manual and ETC 0 0 0 12 0 28 7 NR Number of toil collection plazas with both manual and ETC 0 0 0 12 0 28 7 NR Number of toil collection plazas with both manual and ETC 12 0 300 300 159 37 NR Number of toil collection lanes with both manual and ETC 21 0 0 0 0 159 37 NR Number of toil collection lanes with both manual and ETC 21 0 0 0 0 0 0 7 NR Number of toil collection lares with both manual and ETC 21 0 0 32 0 300 68 NR Number of toil collection lares issued 0 0 0 0 0 0 0 0 730.00 NR In-Pavement? No No Yes No No No No No No No Interplay taction ta | Agency Returned Survey? | Yes | | Yes | | Yes | | Yes | |
| Number of tol collection plazas with both manual and ETC 0 0 0 12 0 28 7 NR Number of tol collection lanes operated 23 0 321 0 300 300 182 NR Number of tol collection lanes with dedicated ETC 12 0 0 0 0 159 37 NR Number of tol collection lanes with both manual and ETC 21 0 0 0 0 0 0 70,000 NR Number of tol collection tags issued 0 0 0 0 0 0 0 730,000 NR Antenase Location Technologies - </td <td>Number of toll Collection Plazas operated</td> <td>0</td> <td>0</td> <td>45</td> <td>45</td> <td>28</td> <td>28</td> <td>7</td> <td>NR</td> | Number of toll Collection Plazas operated | 0 | 0 | 45 | 45 | 28 | 28 | 7 | NR |
| Number of toll collection lanes operated 23 0 321 0 300 300 182 NR Number of toll collection lanes with both manual and ETC 12 0 0 0 169 37 NR Number of toll collection tags issued 0 0 0 0 0 0 730,000 NR Number of toll collection tags issued 0 0 0 0 0 730,000 NR Antennae Location Technologies - | Number of toll collection plazas with dedicated ETC | 0 | 0 | 0 | 45 | 0 | 28 | 7 | NR |
| Number of toll collection lanes with dedicated ETC 12 0 0 0 159 37 NR Number of toll collection lanes with both manual and ETC 21 0 0 32 0 300 68 NR Number of toll collection tags issued 0 | Number of toll collection plazas with both manual and ETC | 0 | 0 | 0 | 12 | 0 | 28 | 7 | NR |
| Number of toll collection lanes with both manual and ETC 21 0 0 32 0 300 68 NR Number of toll collection tags issued 0 0 0 0 0 0 0 0 730,000 NR Antennae Location Technologies 730,000 NR In-Pavement? No No No No No No No No No N | Number of toll collection lanes operated | 23 | 0 | 321 | 0 | 300 | 300 | 182 | NR |
| Number of toll collection tags issued 0 0 0 0 0 0 0 730,000 NR Antennae Location Technologies No | Number of toll collection lanes with dedicated ETC | 12 | 0 | 0 | 0 | 0 | 159 | 37 | NR |
| Antennae Location Technologies No Are toll tags used by other toll operators in metro area? Yes | Number of toll collection lanes with both manual and ETC | 21 | 0 | 0 | 32 | 0 | 300 | 68 | NR |
| In-Pavement? No | Number of toll collection tags issued | 0 | 0 | 0 | 0 | 0 | 0 | 730,000 | NR |
| Focused Beam? No Yes No No <td>Antennae Location Technologies</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | Antennae Location Technologies | | | | | | | | |
| Distributed Overhead? Yes No Yes | In-Pavement? | No | | No | | No | | No | |
| In-Vehicle Equipment Technologies Yes | Focused Beam? | No | | Yes | | No | | No | |
| Tag-based? Yes Yes Yes Yes Yes Yes Yes Yes No N | Distributed Overhead? | Yes | | No | | Yes | | Yes | |
| Integrated circuit card-based? No Port Authority of NY & N. N/S Bridge Authority, Delaware Department of Transportation, MTA Bridges and Transportation, MTA Bridges and Transportation, MTA Bridges and Transportation, MTA Bridges and Transportation Authority No No No No No No No Softh Jensey Transportation Authority, Delaware Department of Transportation, MTA Bridges and Transportation, MTA Bridges and Transportation Authority No No No No Softh Jensey Transportation Authority Are toll tags used by operators of public transit to pay transit fares Softh Jensey Transportation Authority Softh Jensey Transportation Authority Softh Jensey Transportation Authority Softh Jensey Transportation Authority No No No No Softh Jensey Transportation Aut | In-Vehicle Equipment Technologies | | | | | | | | |
| Are toll tags used by other toll operations in metro area? Yes | Tag-based? | Yes | | Yes | | Yes | | Yes | |
| List of toll operators that use tags New York State Thruway Authority, Port Authority of NY & NJ None None Port Authority of NY & NJ Delaware Department of Transportation, MTA Bridges and Tunnels, South Jersey Transportation Authority Are toll tags used by operators of public transit to pay transit fares Image: Construction of the tags is to pay transit fares Image: Construction of the tags is to pay transit fares Image: Construction of the tags is to pay transit fares Image: Construction of tags is to pay transit fares Image: Construction | Integrated circuit card-based? | No | | No | | No | | No | |
| List of toll operators that use tags New York State Thruway Authority, Pot Authority of NY & NJ None None None NYS Bridge Authority, Delaware Department of Transportation, MTA Bridges and Tunnels, South Jersey Transportation Authority Are toll tags used by operators of public transit to pay transit fares Image: Control of transit operators that use tags No No No No No List of transit operators that use tags None None None None None None List of transit operators that use tags None None None None None None | Are toll tags used by other toll operations in metro area? | Yes | | Yes | | Yes | | Yes | |
| in metro area? No No No No No List of transit operators that use tags None None None None None | List of toll operators that use tags | Authority, Po | Authority, Port Authority of | | ne | None | | NYS Bridg Delaware Do Transporta Bridges an South | e Authority, epartment of ation, MTA d Tunnels, Jersey |
| List of transit operators that use tags None None None None | | | | | | | | | |
| | | | | - | | - | | - | |
| | List of transit operators that use tags | No | one | Nc | one | No | one | Nc | ne |
| NR: No Response | | | | | | | | | |
| | NR: No Response | | | | | | | | |

| | Port Authority of NY and NJ/Bayone Bridge | | Port Authority of NY and NJ/George Washington Bridge | | Port Authority of NY and NJ/Goethals Bridge | | Port Authority of NY a NJ/Holland Tunnel | |
|--|---|------|--|------|--|------|--|---|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| | | | | | | | | |
| Agency Returned Survey? | Yes | | Yes | | Yes | | Yes | |
| Number of toll Collection Plazas operated | 1 | 1 | 3 | 3 | 1 | 1 | 1 | 1 |
| Number of toll collection plazas with dedicated ETC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Number of toll collection plazas with both manual and ETC | 1 | 1 | 3 | 3 | 1 | 1 | 1 | 1 |
| Number of toll collection lanes operated | 4 | 4 | 31 | 31 | 8 | 8 | 9 | 9 |
| Number of toll collection lanes with dedicated ETC | 1 | 2 | 0 | 17 | 0 | 4 | 0 | 6 |
| Number of toll collection lanes with both manual and ETC | 4 | 4 | 0 | 14 | 8 | 8 | 9 | 9 |
| Number of toll collection tags issued | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Antennae Location Technologies | | | | | | | | |
| In-Pavement? | No | | No | | No | | No | |
| Focused Beam? | Yes | | Yes | | Yes | | Yes | |
| Distributed Overhead? | No | | No | | No | | No | |
| In-Vehicle Equipment Technologies | | | | | | | | |
| Tag-based? | Yes | | Yes | | Yes | | Yes | |
| Integrated circuit card-based? | No | | No | | No | | No | |
| Are toll tags used by other toll operations in metro area? | Yes | | Yes | | Yes | | Yes | |
| List of toll operators that use tags | Metropolitan Transportation Authority, New York State Thruway Authority | | | | on Metropolitan Transportation e Authority, New York State Thruway Authority | | Authority, Ne | Transportation w York State Authority |
| Are toll tags used by operators of public transit to pay transit fares | | | | | | | | |
| in metro area? | No | | No | | No | | No | |
| List of transit operators that use tags | No | one | No | one | No | one | No | one |
| | | | | | | | | |
| | _ | | | | | | | |
| NR: No Response | _ | | | | | | | |
| | | | | | | | | |

| | | ity of NY and In Tunnel | | ty of NY and Ige Crossing | Totals | |
|--|---|----------------------------|---|------------------------------|---------|------|
| | 1999 | 2005 | 1999 | 2005 | 1999 | 2005 |
| | | | | | | |
| Agency Returned Survey? | Yes | | Yes | | 18 | 17 |
| Number of toll Collection Plazas operated | 1 | 1 | 1 | 1 | 88 | 81 |
| Number of toll collection plazas with dedicated ETC | 0 | 0 | 0 | 0 | 7 | 73 |
| Number of toll collection plazas with both manual and ETC | 1 | 1 | 1 | 1 | 15 | 48 |
| Number of toll collection lanes operated | 14 | 14 | 11 | 11 | 1084 | 391 |
| Number of toll collection lanes with dedicated ETC | 0 | 5 | 0 | 5 | 120 | 198 |
| Number of toll collection lanes with both manual and ETC | 13 | 13 | 11 | 11 | 295 | 405 |
| Number of toll collection tags issued | 0 | 0 | 0 | 0 | 730,000 | 0 |
| Antennae Location Technologies | | | | | | |
| In-Pavement? | No | | No | | 0 | 0 |
| Focused Beam? | Yes | | Yes | | 7 | 7 |
| Distributed Overhead? | No | | No | | 11 | 10 |
| In-Vehicle Equipment Technologies | | | | | | |
| Tag-based? | Yes | | Yes | | 18 | 17 |
| Integrated circuit card-based? | No | | No | | 0 | 0 |
| Are toll tags used by other toll operations in metro area? | Yes | | Yes | | 18 | 17 |
| List of toll operators that use tags | New York State Thruway Authority, Metropolitan Transportation Authority | | New York State Thruway Authority, Metropolitan Transportation Authority | | | |
| Are toll tags used by operators of public transit to pay transit fares | | | | | | |
| in metro area? | No | | No | | 0 | 0 |
| List of transit operators that use tags | None None | | one | | | |
| | | | | | | |
| | | | | | | |
| NR: No Response | | | | | | |
| | | | | | | |