

# **Tracking the Deployment of the Integrated Metropolitan ITS Infrastructure in Chicago, Gary, Lake County**

## **FY99 Results**

**For additional information, please contact:**

**Joseph I. Peters, Ph.D.  
ITS Program Assessment Coordinator  
ITS Joint Program Office, Room 3416  
400 Seventh St., S.W.  
Washington, D.C. 20590  
(202) 366-2202  
FAX: (202) 493-2027  
E-mail: [joe.peters@fhwa.dot.gov](mailto:joe.peters@fhwa.dot.gov)**

## Table of Contents

Part 1 - Background and Purpose.....	1
Part 2 - Summary 1999 Survey Results .....	3
Part 3 - Detailed 1999 Survey Results .....	7
Freeway Management Component Indicators.....	9
Freeway Management Integration Indicators.....	11
Incident Management Component Indicators .....	13
Incident Management Integration Indicators .....	15
Arterial Management Component Indicators.....	17
Arterial Management Integration Indicators .....	19
Electronic Toll Collection Component Indicators .....	21
Electronic Toll Collection Integration Indicators.....	22
Transit Management Component Indicators .....	23
Transit Management Integration Indicators .....	24
Electronic Fare Payment Component Indicators.....	26
Electronic Fare Payment Integration Indicators.....	27
Highway-Rail Intersection Component Indicators.....	28
Highway-Rail Intersection Integration Indicators.....	29
Emergency Management Component Indicators .....	30
Emergency Management Integration Indicators .....	31
Regional Multimodal Traveler Information Component Indicators .....	32
Regional Multimodal Traveler Information Integration Indicators .....	33
Appendix A. Survey Coverage Area.....	A.1
Appendix B. Surveyed Agencies .....	B.1
Appendix C. Freeway Management Components.....	C.1
Appendix D. Freeway Management Integration .....	D.1
Appendix E. Freeway Management Information Collection and Dissemination .....	E.1
Appendix F. Arterial Management Components .....	F.1
Appendix G. Arterial Management Integration .....	G.1
Appendix H. Arterial Management Information Collection and Dissemination .....	H.1
Appendix I. Transit Management Components .....	I.1
Appendix J. Transit Management Integration.....	J.1
Appendix K. Transit Management Information Collection and Dissemination .....	K.1
Appendix L. Emergency Management.....	L.1

## Part 1 - Background and Purpose

In January 1996, Secretary Peña set a goal of deploying the integrated metropolitan Intelligent Transportation System (ITS) infrastructure in 75<sup>1</sup> 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."*<sup>2</sup>

-- 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

---

<sup>1</sup> 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.

<sup>2</sup> 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.<sup>3</sup>

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 Chicago, Gary, Lake County 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 Chicago, Gary, Lake County region was 95% in 1997 and 91% 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:

Steve Gordon  
Oak Ridge National Laboratory  
P.O. Box 2008, 4500N, MS-6207  
Oak Ridge, TN 37831-6207  
(865) 576-8416 (voice)  
(865) 574-3895 (fax)  
gordonsr@ornl.gov

Jeff Trombly  
Science Applications International Corporation  
301 Laboratory Road  
Oak Ridge, TN 37831-2501  
(865) 481-8563 (voice)  
(865) 481-2941 (fax)  
jeffrey.w.trombly@saic.com

---

<sup>3</sup> 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 (HVV-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 Chicago, Gary, Lake County 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.

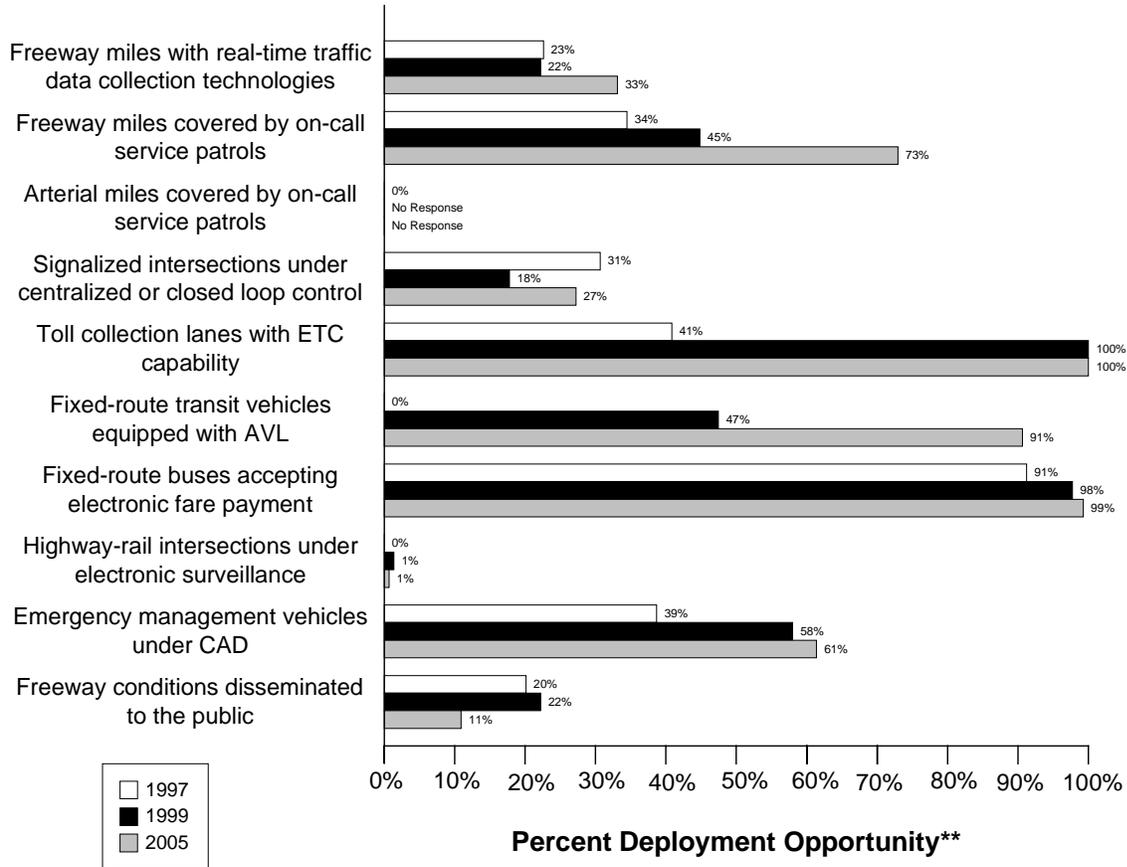
A critical aspect of ITS that provides much of its capability is the integration of individual components to form a unified regional traffic control system. Individual ITS components routinely collect information that is used for purposes internal to that component. For example, the Arterial Management 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.”

Data as of 5/1/00

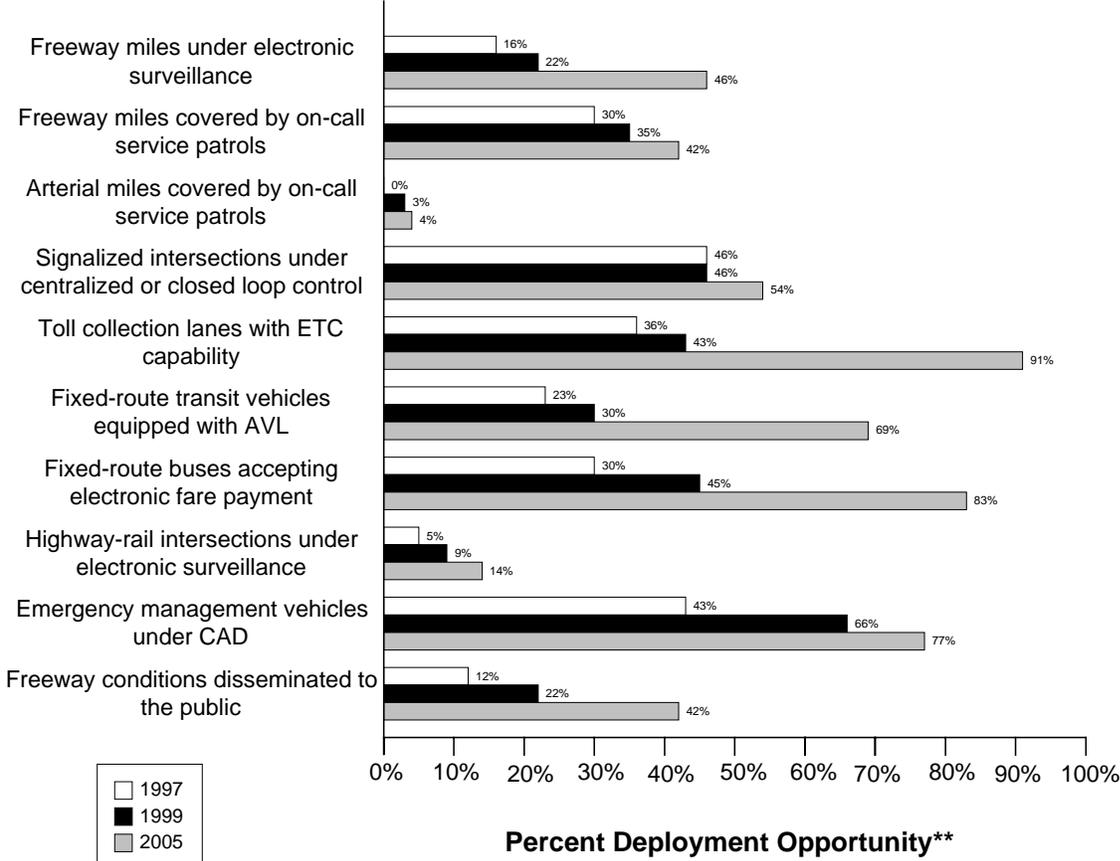
## Chicago, Gary, Lake County Summary Indicators\*



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

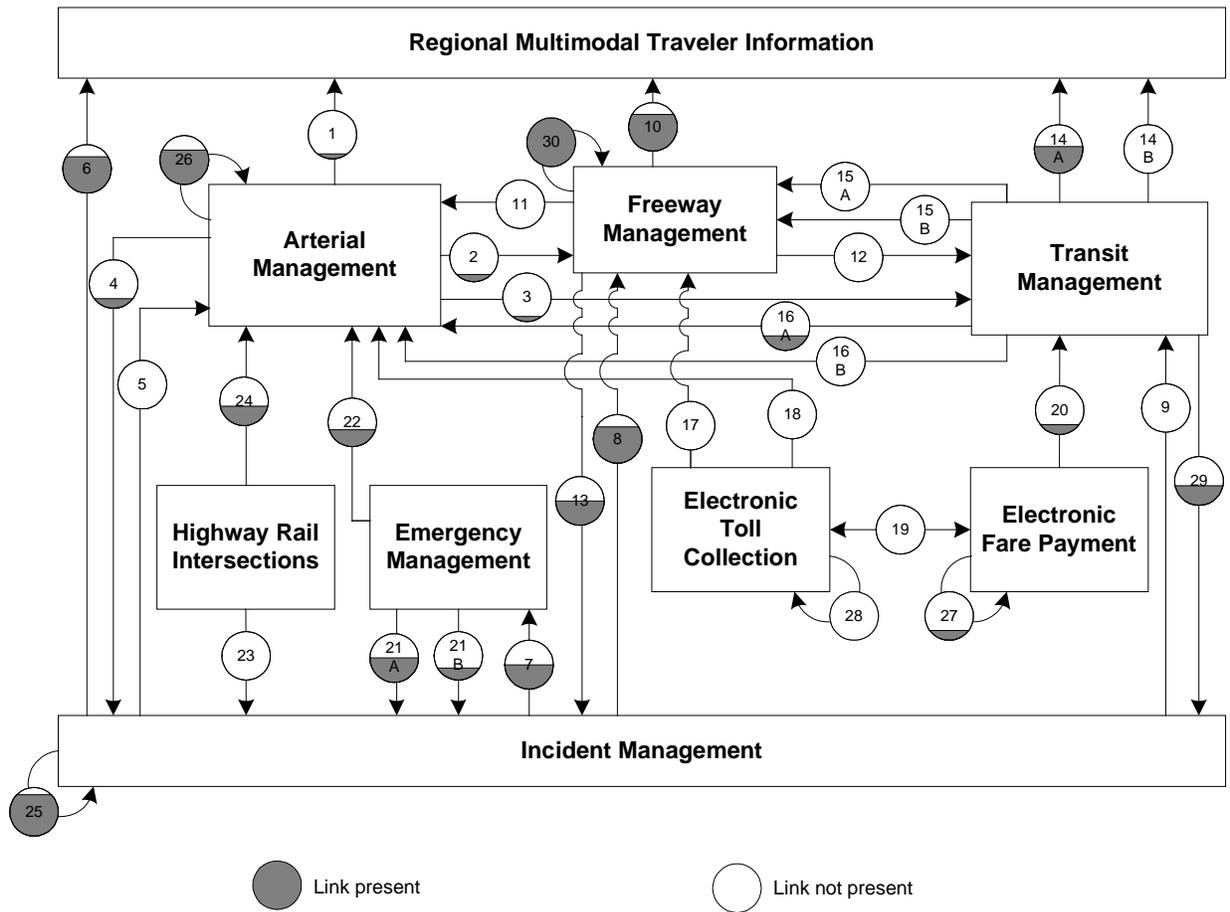
\*\* Deployment opportunity reflects potential totals that do not necessarily reflect actual need.

# National 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

## Chicago, Gary, Lake County 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 Multimodal Traveler Information	2	Arterial Management to Freeway Management
3	Arterial Management to Transit Management	4	Arterial Management to Incident Management
5	Incident Management to Arterial Management	6	Incident Management to Regional Multimodal Traveler Information
7	Incident Management to Emergency Management.	8	Incident Management to Freeway Management
9	Incident Management to Transit Management	10	Freeway Management to Regional Multimodal Traveler Information
11	Freeway Management to Arterial Management	12	Freeway Management to Transit Management

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

### **Part 3 - Detailed 1999 Survey Results**

The following figures and tables summarize the complete set of component and integration indicators developed for the Chicago, Gary, Lake County 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 one component to other components (e.g., the flow of freeway travel condition information from Freeway Management to Arterial Management).

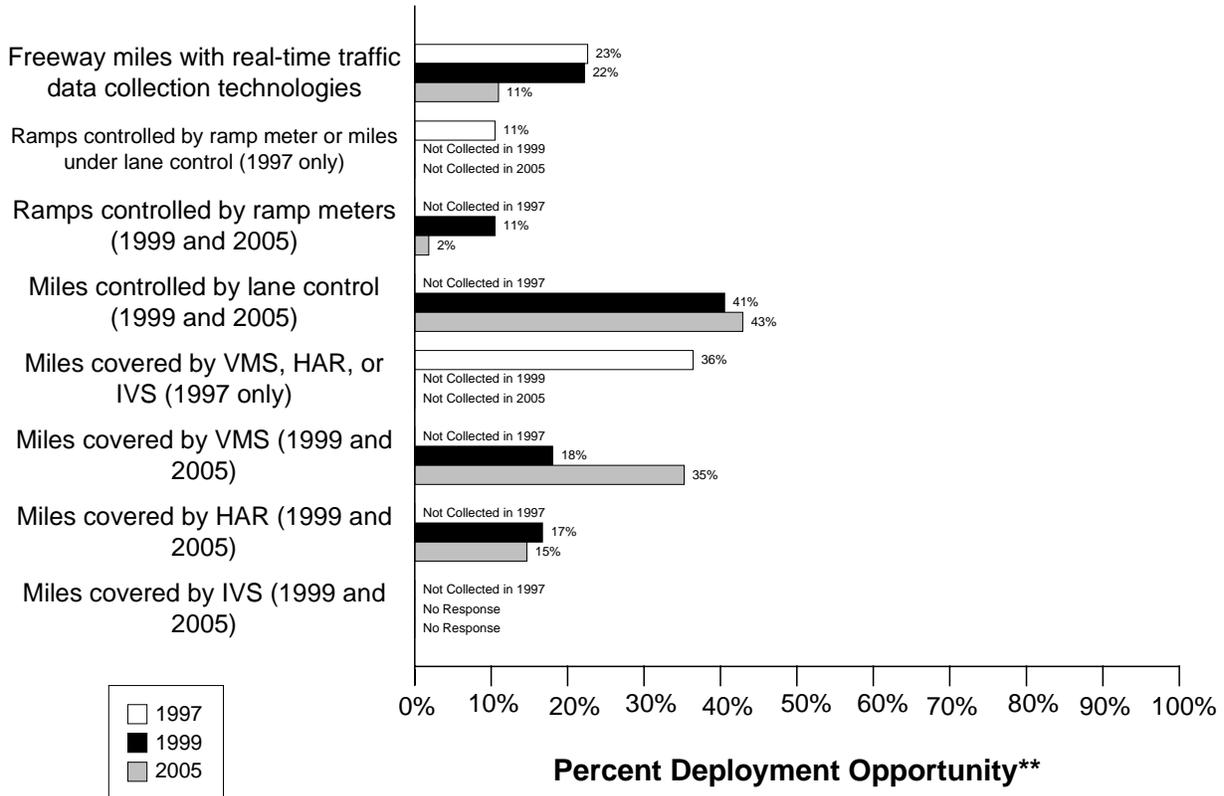
Example:           Calculating Integration between Arterial Management and Regional Multimodal Traveler Information

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

Data as of 5/1/00

## Chicago, Gary, Lake County Freeway Management\*



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

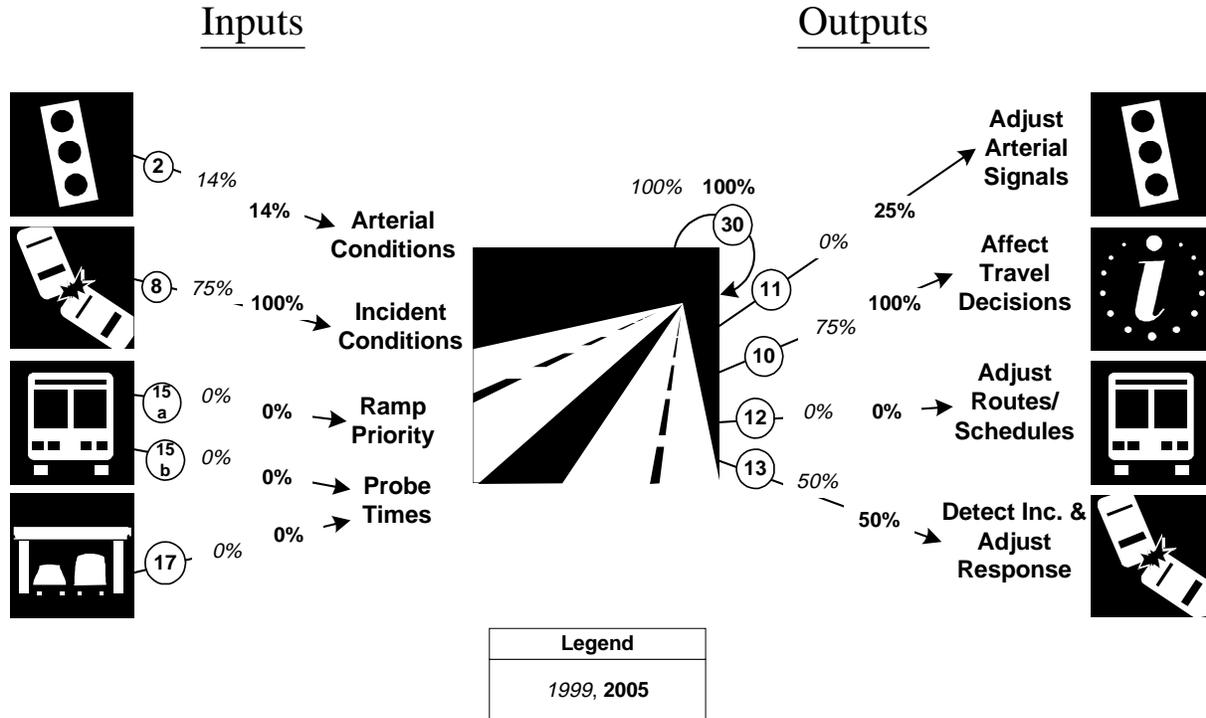
\*\* Deployment opportunity reflects potential totals that do not necessarily reflect actual need.

Description	1997			1999			2005		
	Num	Den	%	Num	Den	%	Num	Den	%
Freeway centerline miles are under electronic surveillance for monitoring traffic flow	153	676	23%	150	676	22%	74	676	11%
Freeway entrance ramps are controlled by ramp meters or miles under lane control	113	1076	11%						

<b>Description</b>	<b>1997</b>			<b>1999</b>			<b>2005</b>		
	Num	Den	%	Num	Den	%	Num	Den	%
Freeway entrance ramps are controlled by ramp meters				113	1076	11%	20	1076	2%
Freeway centerline miles will be controlled by lane control				274	676	41%	290	676	43%
Freeway miles are covered by VMS, HAR, or IVS	246	676	36%						
Freeway miles are covered by VMS				122	676	18%	238	676	35%
Freeway miles are covered by HAR				113	676	17%	99	676	15%
Freeway miles are covered by IVS					676			676	

# Freeway Management Integration Indicators

## Chicago, Gary, Lake County Freeway Management Integration\*



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

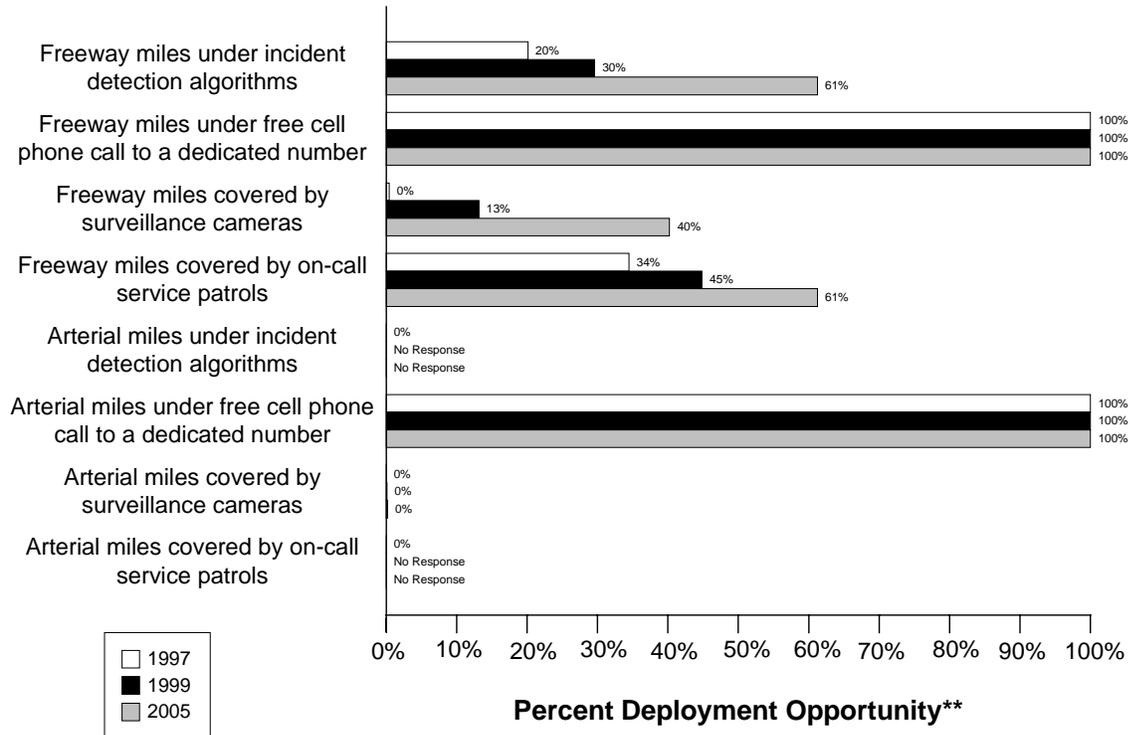
Link Description	1999	2005
2. Arterial Management agencies sending information to Freeway Management	( 3/ 21) 14%	( 3/ 21) 14%
8. Incident Management agencies sending information to Freeway Management	( 3/ 4) 75%	( 4/ 4) 100%
15a. Transit management agencies with vehicles equipped with ramp meter priority	( 0/ 11) 0%	( 0/ 11) 0%
15b. Transit Management agencies with vehicles equipped as probes	( 0/ 11) 0%	( 0/ 11) 0%
17. Freeway Management agencies receiving freeway conditions from vehicle probes	( 0/ 4) 0%	( 0/ 4) 0%
30. Freeway Management agencies sending information to another Freeway Management agency	( 4/ 4) 100%	( 4/ 4) 100%
11. Freeway Management agencies sending information to Arterial Management	( 0/ 4) 0%	( 1/ 4) 25%

<b>Link Description</b>	<b>1999</b>	<b>2005</b>
10. Freeway Management agencies disseminating freeway conditions to the public	( 3/ 4) 75%	( 4/ 4) 100%
12. Freeway Management agencies sending freeway conditions to Transit Management	( 0/ 4) 0%	( 0/ 4) 0%
13. Freeway Management agencies sending freeway conditions to Incident Management	( 2/ 4) 50%	( 2/ 4) 50%

# Incident Management Component Indicators

Data as of 5/1/00

## Chicago, Gary, Lake County Freeway and Arterial Incident 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.

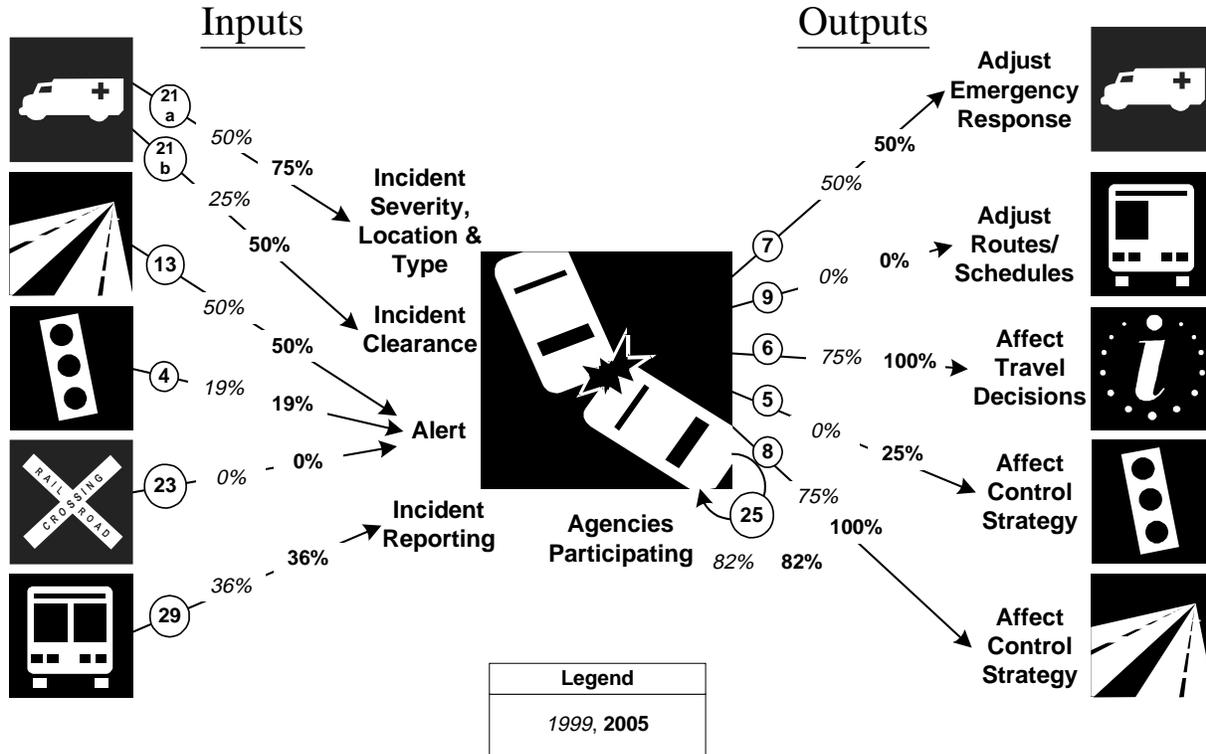
Description	1997			1999			2005		
	Num	Den	%	Num	Den	%	Num	Den	%
Freeway miles are covered by incident detection algorithms	136	676	20%	200	676	30%	414	676	61%
Freeway miles are covered by free cellular phone calls to a dedicated number	676	676	100%	676	676	100%	676	676	100%
Freeway miles are covered by surveillance cameras.	3	676	0%	89	676	13%	272	676	40%

<b>Description</b>	<b>1997</b>			<b>1999</b>			<b>2005</b>		
	Num	Den	%	Num	Den	%	Num	Den	%
Freeway miles are covered by on-call publicly-sponsored service patrol or towing services.	233	676	34%	303	676	45%	414	676	61%
Arterial miles are covered by incident detection algorithms	0	4696	0%		4696			4696	
Arterial miles are covered by free cellular phone calls to a dedicated number	4696	4696	100%	4696	4696	100%	4696	4696	100%
Arterial miles are covered by surveillance cameras	0	4696	0%	4	4696	0%	10	4696	0%
Arterial miles are covered by on-call publicly-sponsored service patrol or towing services	0	4696	0%		4696			4696	

# Incident Management Integration Indicators

## Chicago, Gary, Lake County

### Incident Management Integration\*



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

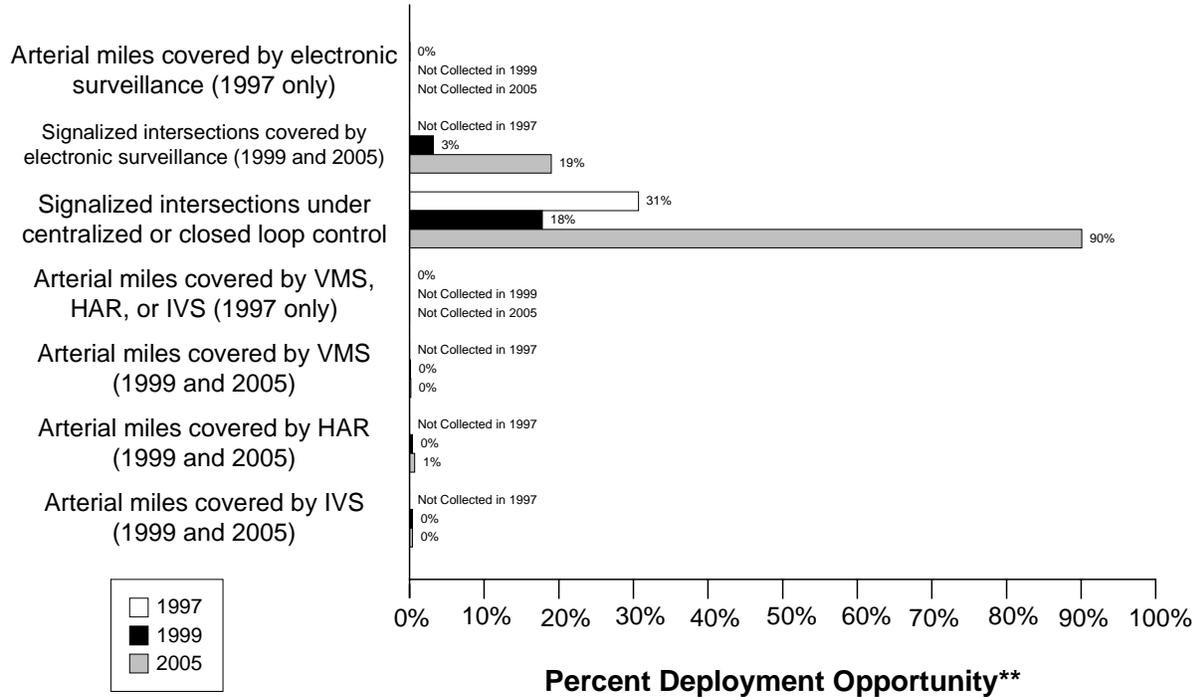
Link Description	1999	2005
21a. Incident management agencies receiving incident severity from Emergency Management	( 2 / 4 ) 50%	( 3 / 4 ) 75%
21b. Incident management agencies receiving incident clearance activities from Emergency Management	( 1 / 4 ) 25%	( 2 / 4 ) 50%
13. Freeway Management agencies sending freeway conditions to Incident Management	( 2 / 4 ) 50%	( 2 / 4 ) 50%
4. Arterial Management agencies sending arterial conditions to Incident Management	( 4 / 21 ) 19%	( 4 / 21 ) 19%
23. Arterial Management agencies receive information on highway-rail intersection crossing blockages for the purpose of managing incident response	( 0 / 21 ) 0%	( 0 / 21 ) 0%
29. Transit Management agencies report traffic incidents as part of an organized regional incident management program	( 4 / 11 ) 36%	( 4 / 11 ) 36%

<b>Link Description</b>	<b>1999</b>	<b>2005</b>
7. Incident management agencies transfer information describing incident severity, location, and type to Emergency Management agencies	( 2/ 4) 50%	( 2/ 4) 50%
9. Incident Management agencies transfer information describing incident severity, location, and type to Transit Management agencies	( 0/ 4) 0%	( 0/ 4) 0%
6. Incident Management agencies disseminate information describing incident severity, location, and type to the public	( 3/ 4) 75%	( 4/ 4) 100%
5. Incident Management agencies transfer information describing incident severity, location, and type to Arterial Management agencies	( 0/ 4) 0%	( 1/ 4) 25%
8. Incident Management agencies transfer information describing incident severity, location, and type to Freeway Management agencies	( 3/ 4) 75%	( 4/ 4) 100%
25. Police, fire, and EMS agencies participating in a formal incident management plan/team	( 45/ 55) 82%	( 45/ 55) 82%

# Arterial Management Component Indicators

Data as of 5/1/00

## Chicago, Gary, Lake County Arterial Management\*



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

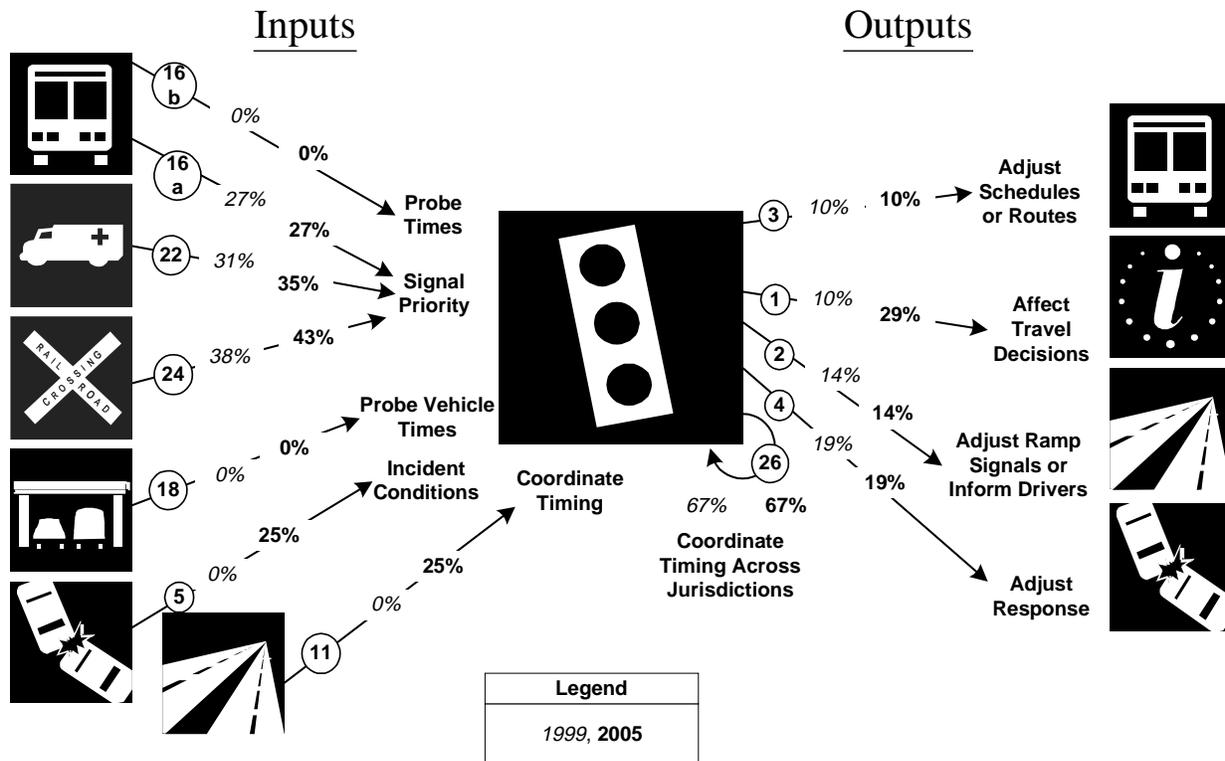
\*\* Deployment opportunity reflects potential totals that do not necessarily reflect actual need.

Description	1997			1999			2005		
	Num	Den	%	Num	Den	%	Num	Den	%
Arterial miles covered by electronic surveillance	1	4696	0%						
Signalized intersections are covered by electronic surveillance for monitoring traffic flow				134	4215	3%	185	974	19%
Signalized intersections are under centralized or closed loop control	2003	6535	31%	750	4215	18%	877	974	90%

<b>Description</b>	<b>1997</b>			<b>1999</b>			<b>2005</b>		
	Num	Den	%	Num	Den	%	Num	Den	%
Arterial miles are covered by VMS, HAR, or IVS	0	4696	0%						
Arterial miles are covered by VMS				5	4696	0%	8	4696	0%
Arterial miles are covered by HAR				18	4696	0%	33	4696	1%
Arterial miles are covered by IVS				18	4696	0%	18	4696	0%

# Arterial Management Integration Indicators

## Chicago, Gary, Lake County Arterial Management Integration\*



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

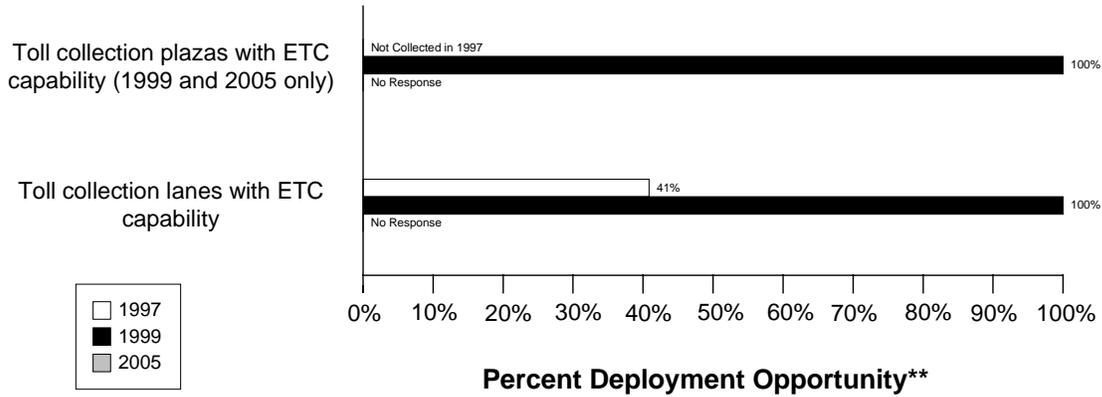
Link Description	1999	2005
16a. Transit management agencies with vehicles equipped with traffic signal priority	( 3/ 11) 27%	( 3/ 11) 27%
16b. Transit Management agencies have vehicles equipped as probes on arterials	( 0/ 11) 0%	( 0/ 11) 0%
22. Emergency Management agencies have vehicles equipped with traffic signal preemption capability	( 17/ 55) 31%	( 19/ 55) 35%
24. Arterial Management agencies have traffic signals within 200 feet of a highway rail intersection with the capability of having their signal timing adjusted in response to a train crossing	( 8/ 21) 38%	( 9/ 21) 43%
18. Number of Arterial Management agencies receiving information from vehicle probes	( 0/ 21) 0%	( 0/ 21) 0%
5. Incident Management agencies transfer information describing incident severity, location, and type to Arterial Management	( 0/ 4) 0%	( 1/ 4) 25%

<b>Link Description</b>	<b>1999</b>	<b>2005</b>
11. Freeway Management agencies transfer freeway travel times, speeds, and conditions to Arterial Management agencies	( 0/ 4) 0%	( 1/ 4) 25%
3. Arterial Management agencies transfer arterial travel times, speeds, and conditions to Transit Management	( 2/ 21) 10%	( 2/ 21) 10%
1. Arterial Management agencies disseminate arterial travel times, speeds, and conditions to the public	( 2/ 21) 10%	( 6/ 21) 29%
2. Arterial Management agencies send traffic condition information to Freeway Management	( 3/ 21) 14%	( 3/ 21) 14%
4. Arterial Management agencies transfer arterial travel times, speeds, and conditions to Incident Management	( 4/ 21) 19%	( 4/ 21) 19%
26. Arterial Management agencies under cooperative agreement to share traffic signal timing for coordinated response	( 14/ 21) 67%	( 14/ 21) 67%

# Electronic Toll Collection Component Indicators

Data as of 5/1/00

## Chicago, Gary, Lake County Electronic Toll Collection\*



\* 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.

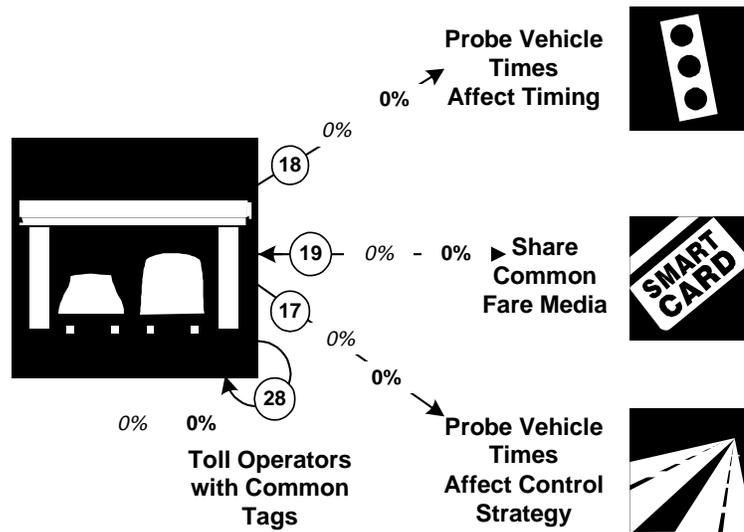
Description	1997			1999			2005		
	Num	Den	%	Num	Den	%	Num	Den	%
Toll collection plazas with ETC capability				49	49	100%			
Toll collection lanes with ETC capability	136	333	41%	352	352	100%			

**Electronic Toll Collection Integration Indicators**

**Chicago, Gary, Lake County  
Electronic Toll Collection Integration\***

Inputs

Outputs



Legend
1999, 2005

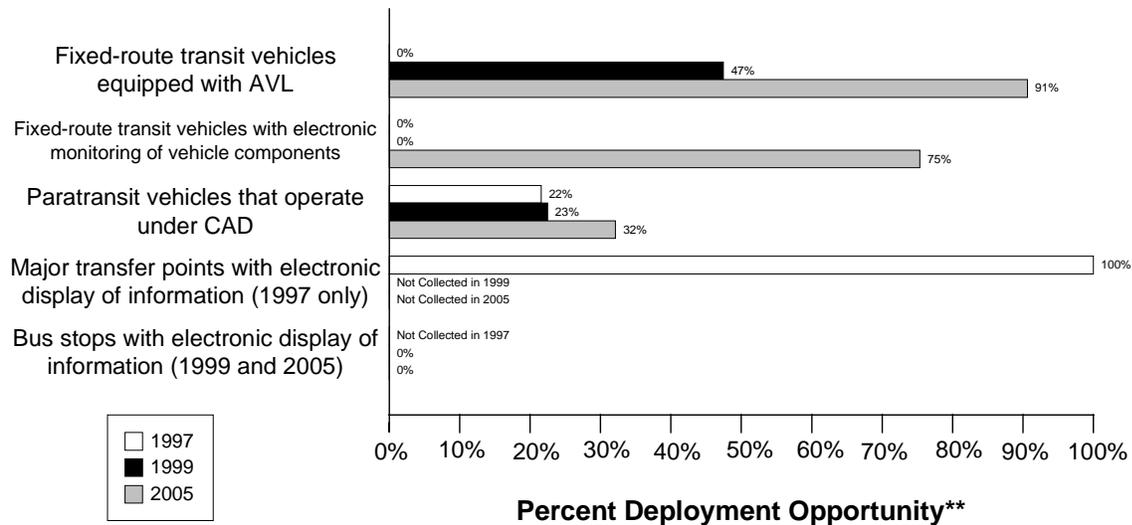
\* Indicators are single surrogates that do not necessarily reflect the full breadth of ITS deployment activity

Link Description	1999	2005
18. Number of Arterial Management agencies receiving information from vehicle probes	( 0/ 21) 0%	( 0/ 21) 0%
19. Transit agencies that accept electronic payment through the use of electronic toll collection media	( 0/ 11) 0%	( 0/ 11) 0%
17. Freeway Management agencies receiving information from vehicle probes	( 0/ 4) 0%	( 0/ 4) 0%
28. Toll operators using common toll tag technology	( 0/ 3) 0%	( 0/ 3) 0%

## Transit Management Component Indicators

Data as of 5/1/00

### Chicago, Gary, Lake County Transit Management\*



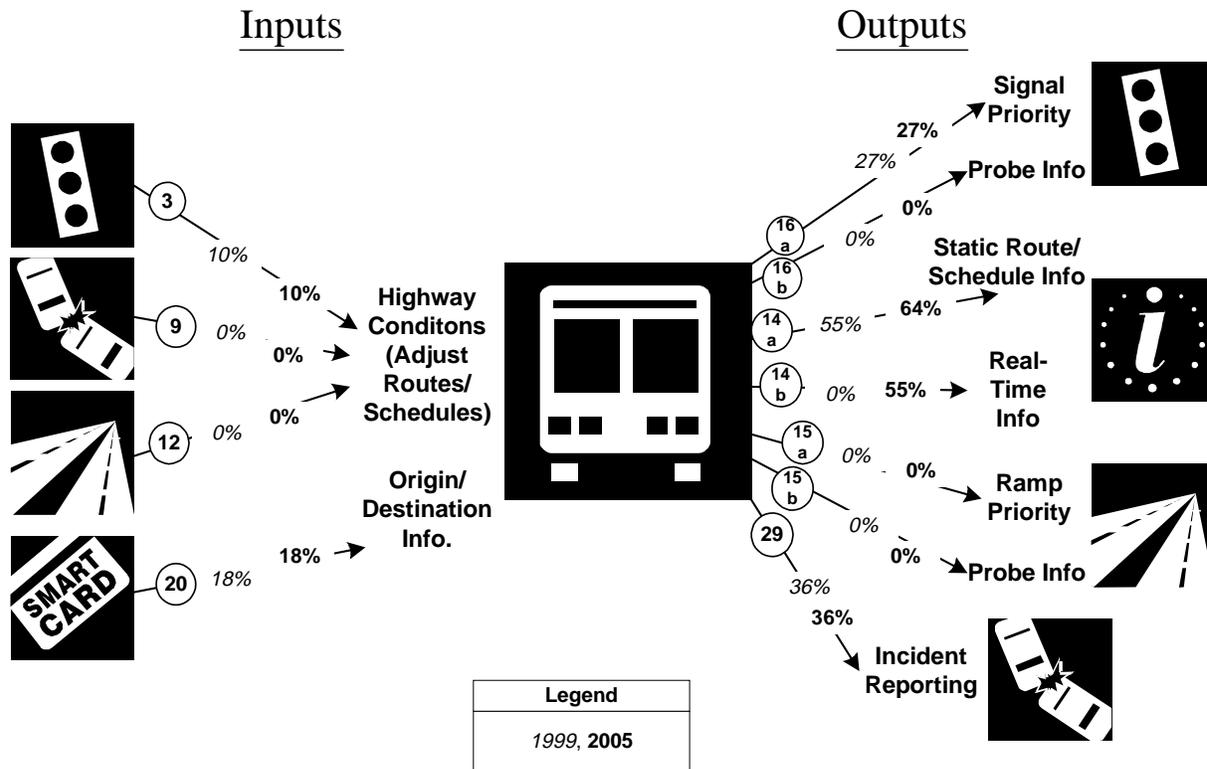
\* Indicators are single surrogates that do not necessarily reflect the full breadth of ITS deployment activity.

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

Description	1997			1999			2005		
	Num	Den	%	Num	Den	%	Num	Den	%
Fixed-route transit vehicles are equipped with AVL	0	627	0%	1200	2529	47%	2420	2670	91%
Fixed-route transit vehicles are equipped with electronic monitoring of vehicle component	0	627	0%	0	2529	0%	2012	2670	75%
Paratransit vehicles operate under computer-aided dispatch	138	639	22%	142	631	23%	232	722	32%
Percent fixed-route transfer locations with electronic display of information	4	4	100%						
Bus stops display information to the public				0	12900	0%	2	12900	0%

# Transit Management Integration Indicators

## Chicago, Gary, Lake County Transit Management Integration\*



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

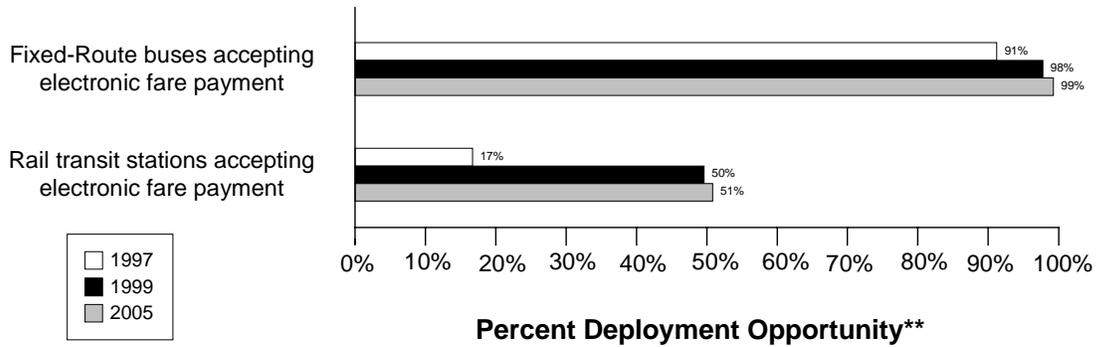
Link Description	1999	2005
3. Arterial Management agencies transfer arterial travel times, speeds, and conditions to Transit Management	( 2/ 21) 10%	( 2/ 21) 10%
9. Incident management agencies transfer information describing incident severity, location, and type to Transit Management	( 0/ 4) 0%	( 0/ 4) 0%
12. Freeway Management agencies transfer freeway travel times, speeds, and conditions to Transit Management	( 0/ 4) 0%	( 0/ 4) 0%
20. Transit Management agencies using Electronic Fare Payment data in transit service planning	( 2/ 11) 18%	( 2/ 11) 18%
16a. Transit Management agencies have vehicles equipped with traffic signal priority capability	( 3/ 11) 27%	( 3/ 11) 27%
16b. Transit Management agencies have vehicles equipped as probes on arterials	( 0/ 11) 0%	( 0/ 11) 0%
14a. Transit Management agencies disseminate information describing transit routes, schedules, and fares to travelers	( 6/ 11) 55%	( 7/ 11) 64%

<b>Link Description</b>	<b>1999</b>	<b>2005</b>
14b. Transit Management agencies disseminate information describing schedule/route adherence to travelers	( 0/ 11) 0%	( 6/ 11) 55%
15a. Transit Management agencies have vehicles equipped with ramp meter priority capability	( 0/ 11) 0%	( 0/ 11) 0%
15b. Transit Management agencies have vehicles equipped as probes on freeways	( 0/ 11) 0%	( 0/ 11) 0%
29. Transit Management agencies that report traffic incidents as part of an organized regional Incident Management program	( 4/ 11) 36%	( 4/ 11) 36%

## Electronic Fare Payment Component Indicators

Data as of 5/1/00

### Chicago, Gary, Lake County Electronic Fare Payment\*



\* 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.

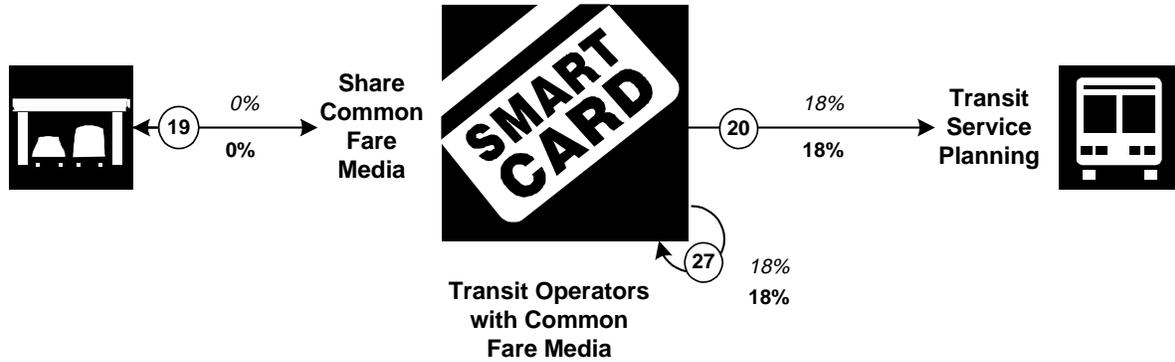
Description	1997			1999			2005		
	Num	Den	%	Num	Den	%	Num	Den	%
Fixed-route transit vehicles that accept electronic payment	572	627	91%	2472	2529	98%	2650	2670	99%
Rail transit stations that accept electronic payment	40	240	17%	188	379	50%	188	370	51%

**Electronic Fare Payment Integration Indicators**

**Chicago, Gary, Lake County  
Electronic Fare Payment Integration\***

Inputs

Outputs



Legend
1999
2005

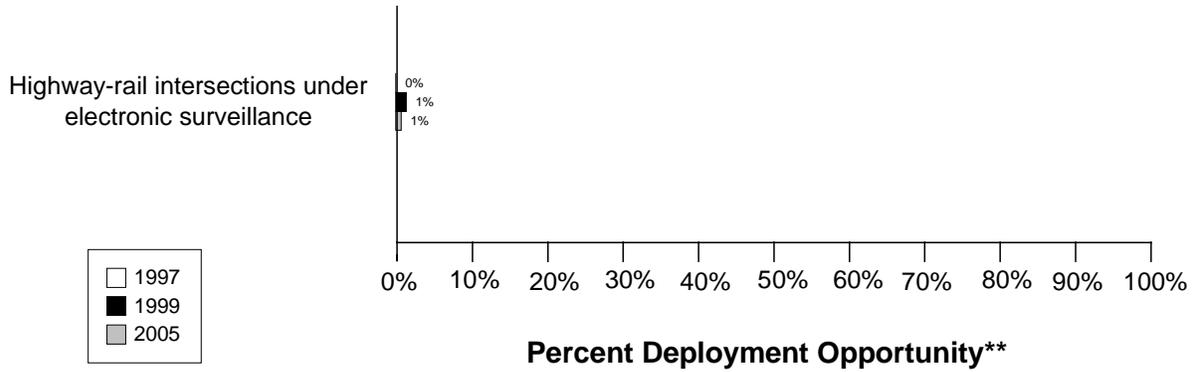
\* Indicators are single surrogates that do not necessarily reflect the full breadth of ITS deployment activity

Link Description	1999	2005
19. Transit agencies that accept electronic payment through the use of electronic toll collection media	( 0/ 11) 0%	( 0/ 11) 0%
20. Transit Management agencies use Electronic Fare Payment data in transit service planning	( 2/ 11) 18%	( 2/ 11) 18%
27. Transit Management agencies that use the same electronic payment system	( 2/ 11) 18%	( 2/ 11) 18%

# Highway Rail Intersection Component Indicators

Data as of 5/1/00

## Chicago, Gary, Lake County Highway-Rail Intersections\*



\* 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.

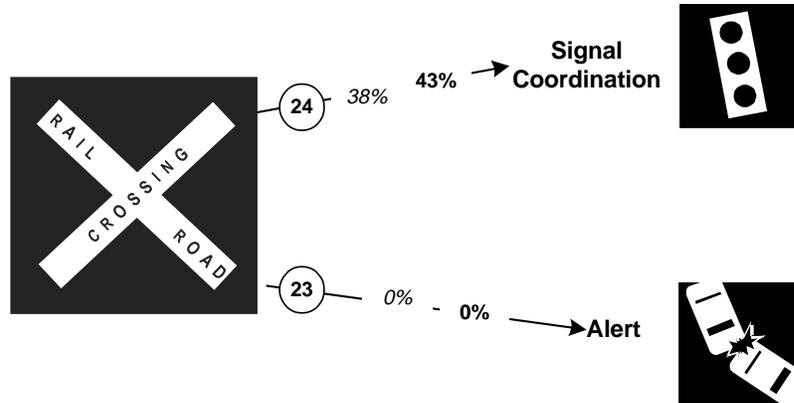
Description	1997			1999			2005		
	Num	Den	%	Num	Den	%	Num	Den	%
Highway-rail intersections are under electronic surveillance	0	410	0%	10	706	1%	5	706	1%

**Highway Rail Intersection Integration Indicators**

**Chicago, Gary, Lake County  
Highway Rail Intersections Integration\***

Inputs

Outputs



Legend
1999, 2005

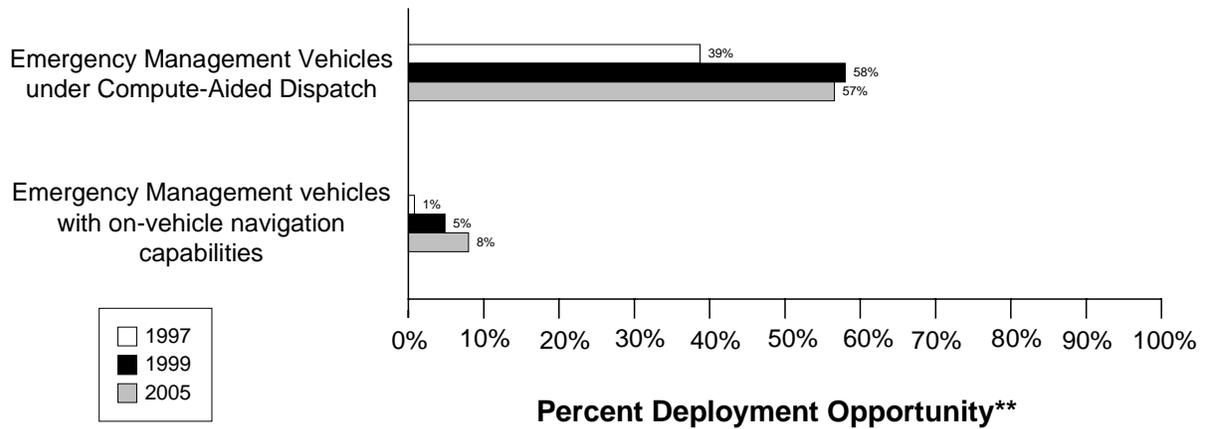
\* Indicators are single surrogates that do not necessarily reflect the full breadth of ITS deployment activity

Link Description	1999	2005
24. Arterial Management agencies with traffic signals within 200 feet of a highway rail intersection with the capability of having their signal timing adjusted in response to a train crossing	( 8/ 21) 38%	( 9/ 21) 43%
23. Arterial Management agencies receive information on highway-rail intersection crossing blockages for the purpose of managing incident response	( 0/ 21) 0%	( 0/ 21) 0%

**Emergency Management Component Indicators**

Data as of 5/1/00

**Chicago, Gary, Lake County  
Emergency 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.

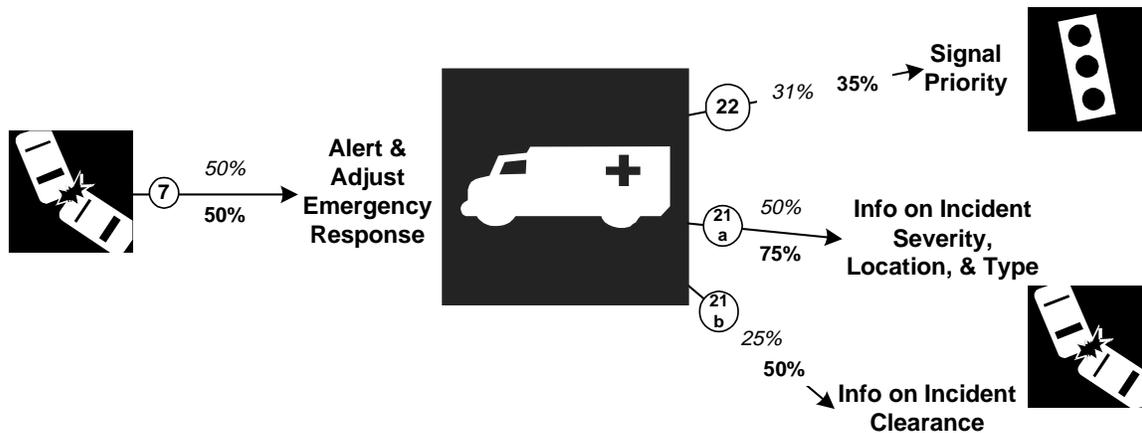
Description	1997			1999			2005		
	Num	Den	%	Num	Den	%	Num	Den	%
Public sector emergency vehicles that operate under computer-aided dispatch	1941	5015	39%	3230	5568	58%	2860	5055	57%
Public sector emergency vehicles that have in-vehicle route guidance capability	39	5015	1%	270	5568	5%	403	5055	8%

## Emergency Management Integration Indicators

# Chicago, Gary, Lake County Emergency Management Integration\*

Inputs

Outputs



Legend
1999, 2005

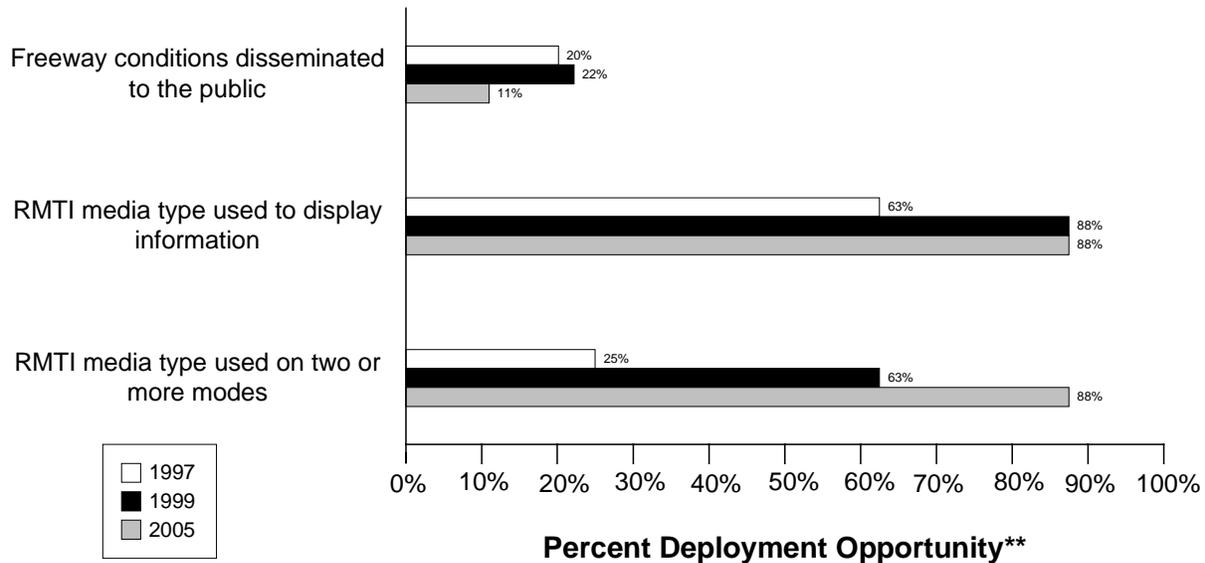
\* Indicators are single surrogates that do not necessarily reflect the full breadth of ITS deployment activity

Link Description	1999	2005
7. Freeway Management agencies transfer information describing incident severity, location, and type to Emergency Management agencies	( 2/ 4) 50%	( 2/ 4) 50%
22. Emergency Management agencies have vehicles equipped with traffic signal preemption capability	( 17/ 55) 31%	( 19/ 55) 35%
21a. Freeway Management agencies receive incident severity, location, and type data from Emergency Management agencies	( 2/ 4) 50%	( 3/ 4) 75%
21b. Freeway Management agencies receive incident clearance activities information from Emergency Management agencies	( 1/ 4) 25%	( 2/ 4) 50%

## Regional Multimodal Traveler Information Component Indicators

Data as of 5/1/00

### Chicago, Gary, Lake County Regional Multimodal Traveler Information\*

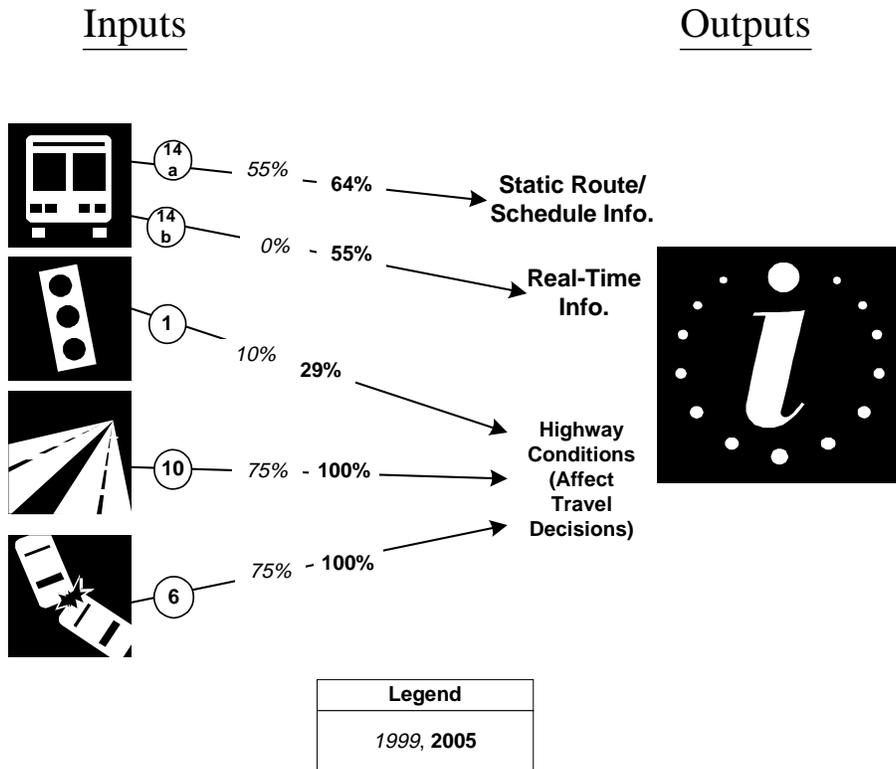


\* Indicators are single surrogates that do not necessarily reflect the full breadth of ITS deployment activity.

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

Description	1997			1999			2005		
	Num	Den	%	Num	Den	%	Num	Den	%
Freeway conditions disseminated to travelers	136	676	20%	150	676	22%	74	676	11%
Possible RMTI media types are used to display information to travelers	5	8	63%	7	8	88%	7	8	88%
Possible RMTI media are used to display information on <i>two or more modes</i> to travelers	2	8	25%	5	8	63%	7	8	88%

**Regional Multimodal Traveler Information Integration Indicators**  
**Chicago, Gary, Lake County**  
**Regional Multimodal Traveler Information Integration\***

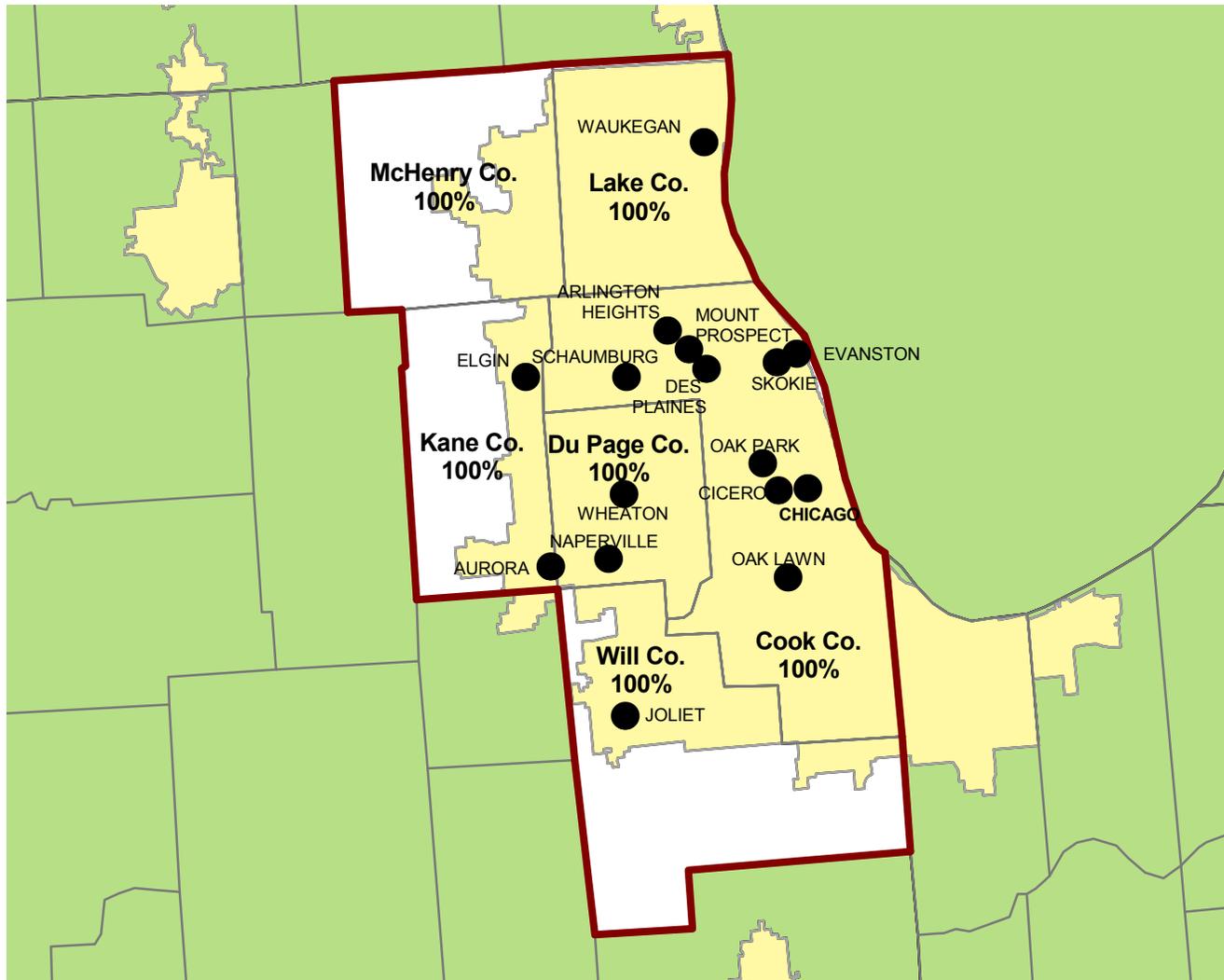


\* Indicators are single surrogates that do not necessarily reflect the full breadth of ITS deployment activity

<b>Link Description</b>	<b>1999</b>	<b>2005</b>
14a. Transit Management agencies that disseminate information describing transit routes, schedules, and fares to travelers	( 6/ 11) 55%	( 7/ 11) 64%
14b. Transit Management agencies that disseminate information describing schedule/route adherence to travelers	( 0/ 11) 0%	( 6/ 11) 55%
1. Arterial Management agencies that disseminate arterial travel times, speeds, and conditions to the public	( 2/ 21) 10%	( 6/ 21) 29%
10. Freeway Management agencies that disseminate freeway travel times, speeds, and conditions to travelers	( 3/ 4) 75%	( 4/ 4) 100%
6. Incident Management agencies that disseminate information describing incident severity, location, and type to the public	( 3/ 4) 75%	( 4/ 4) 100%

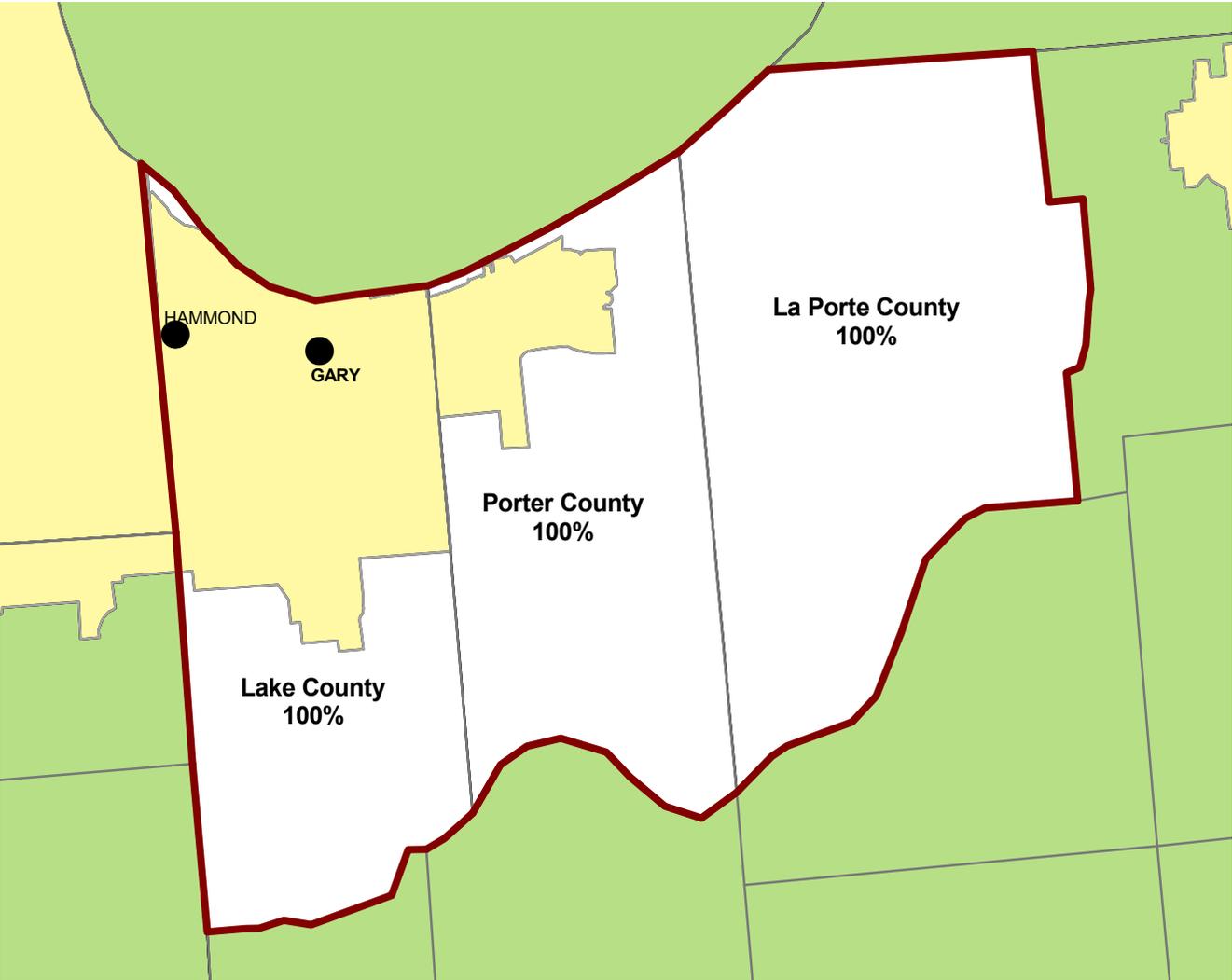
**Appendix A**  
**Survey Coverage Area**

# CHICAGO AREA TRANSPORTATION STUDY, IL



- City Included in Surveys
  - ⚡ Metropolitan Planning Area Boundary
  - ⚡ County Boundary
  - Urbanized Area
  - Outside Survey Area
- Percentage on the Map Represents Percentage of County Population Included within MPO Boundary

# NORTHWESTERN INDIANA REGIONAL PLANNING COMMISSION, IN



- City Included in Surveys
  - ⚡ Metropolitan Planning Area Boundary
  - ⚡ County Boundary
  - Urbanized Area
  - Outside Survey Area
- Percentage on the Map Represents Percentage of County Population Included within MPO Boundary

**Appendix B**  
**Surveyed Agencies**

## Surveyed Agencies

Agency Name	Phone	Fax	1999		1997	
			Out	In	Out	In
<b>CHICAGO, GARY, LAKE COUNTY</b>						
<b>Arterial Management</b>						
Arlington Heights Village	(847) 368-5250	(847) 368-5985	7/30/1999	10/21/1999	07/07/1997	11/11/1997
Aurora City	(630) 844-3620	(630) 892-9809	7/30/1999	8/16/1999	07/07/1997	09/12/1997
Chicago City	(312) 744-4608	(312) 744-8511	7/30/1999	10/22/1999	07/07/1997	11/11/1997
Cook County	(312) 603-1734	(312) 603-9956	7/29/1999	10/21/1999	07/07/1997	09/02/1997
DuPage County	(630) 682-7318	(630) 690-5331	7/29/1999	9/7/1999	07/07/1997	09/02/1997
Elgin City	(847) 931-5986	(847) 931-6041	7/29/1999		07/07/1997	09/29/1997
Evanston City	(847) 866-2922	(847) 448-8118	7/29/1999	10/12/1999	07/07/1997	09/02/1997
Gary City	219-881-1366	219-881-1337	7/29/1999	10/21/1999	08/18/1997	09/02/1997
Hammond City	219- 853-6431	219-853-6353	7/29/1999	9/3/1999	08/19/1997	09/02/1997
Illinois Department of Transportation	(847) 705-4158	(847) 705-4089	7/29/1999		07/07/1997	08/28/1997
Indiana Department of Transportation La Porte	(219) 886-3374	(219) 886-3780	7/29/1999		08/18/1997	08/28/1997
Joliet City	(815) 724-4200	(815) 723-7770	7/29/1999	9/17/1999	07/07/1997	09/22/1997
Kane County	(630) 584-1170	(630) 584-5265	7/29/1999	9/16/1999	07/07/1997	10/07/1997
Lake County Highway Department-Indiana	(219) 769-4247	(219) 662-0497	7/29/1999		08/19/1997	10/16/1997
Lake County -Illinois	(847) 362-3950	(847) 362-5290	7/29/1999	10/13/1999	07/07/1997	09/03/1997
McHenry County	(815) 338-3630	(815) 338-8461	7/29/1999	8/23/1999	07/07/1997	11/20/1997
Mount Prospect	(847) 870-5640	(847) 253-9377	7/29/1999	9/7/1999	07/07/1997	09/09/1997
Naperville City	(630) 420-4101	(630) 305-5986	7/29/1999		07/07/1997	09/29/1997
Oak Lawn Village	(708) 499-7816	(708) 499-7823	7/29/1999	10/13/1999	07/07/1997	11/10/1997
Oak Park Village	(708) 383-6400	(708) 524-9175	7/29/1999	10/1/1999	07/07/1997	11/10/1997
Porter County	(219) 465-3574	(219) 465-3569	7/29/1999	9/13/1999	08/18/1997	10/15/1997
Schaumburg Village	(847) 895-0007	(847) 923-2336	7/29/1999	8/30/1999	07/07/1997	10/02/1997
Skokie Village	(847) 933-8232	(847) 673-0525	7/29/1999	11/15/1999	07/07/1997	09/29/1997
Waukegan City	(847) 625-6858	(847) 360-0950	7/29/1999	9/15/1999	07/07/1997	09/29/1997
Wheaton City	(630) 260-2069	(630) 260-2195	7/29/1999	9/20/1999	07/07/1997	07/30/1997
Will County	(815) 727-8476	(815) 727-9806	7/29/1999	9/10/1999	07/07/1997	10/01/1997
<b>Electronic Toll Collection</b>						
Indiana Department of Transportation La Porte	219-674-8836	219-675-0286	7/5/1999		08/19/1997	10/10/1997
ISTHA/I-355 North-South Tollway	(630) 241-6800	(630) 241-6103	6/30/1999	10/4/1999	07/07/1997	11/11/1997
ISTHA/I-294 Tri-State Tollway	(630) 241-6800	(630) 241-6103	6/30/1999	10/4/1999	07/07/1997	11/11/1997
ISTHA/I-88 East West Tollway	(630) 241-6800	(630) 241-6103	6/30/1999	8/16/1999	07/07/1997	11/11/1997

Agency Name	Phone	Fax	1999		1997	
			Out	In	Out	In
<b>Emergency Management</b>						
Arlington Heights Fire Department	(847) 368-5450	(847) 590-7831	6/25/1999	8/6/1999	11/17/1997	11/24/1997
Arlington Heights Fire Department (Emergency	(847) 368-5450	(847) 590-7831	6/25/1999	8/6/1999	11/17/1997	11/24/1997
Arlington Heights Police Department	(847) 253-2340	(847) 577-5675	6/24/1999	8/5/1999	11/17/1997	11/18/1997
Aurora City Fire & EMS Department(EMS)	630-897-7821	630-897-4147	6/24/1999	8/11/1999	07/07/1997	09/15/1997
Aurora City Fire & EMS Department(Fire)	630-897-7821	630-897-4147	6/24/1999	8/11/1999	07/07/1997	09/15/1997
Aurora City Police Department	630-859-1700	630-896-1187	6/24/1999	9/3/1999	07/07/1997	09/15/1997
Burbank Fire Department	(708) 499-7721	(708) 422-4266	6/24/1999	7/9/1999		
Burbank Fire Department (Emergency Medical	(708) 499-7721	(708) 422-4266	6/24/1999	7/9/1999		
Burbank Police Department	(708) 499-7721	(708) 422-4266	6/24/1999	7/9/1999		
Central Stickney Fire Protection District	(708) 499-7721	(708) 422-4266	6/24/1999	7/9/1999		
Central Stickney Fire Protection District	(708) 499-7721	(708) 422-4266	6/24/1999	7/9/1999		
Chicago City Fire Department	312-747-3862	312-747-5358	6/25/1999	8/24/1999	08/18/1997	09/22/1997
Chicago City Police Department	312-747-5506	312-747-8626	6/25/1999	8/26/1999		
DuPage County Sheriffs Department	(630) 682-7269	(630) 682-7747	6/25/1999	8/25/1999	09/10/1997	10/01/1997
Elgin City Emergency Medcial Services	(847) 931-1983	(847) 931-6179	6/25/1999	6/28/1999	09/29/1997	09/29/1997
Elgin City Fire Department	(847) 931-1983	(847) 931-6179	6/25/1999	6/28/1999	09/29/1997	09/29/1997
Elgin City Police Department	(847) 289-2761	(847) 289-2750	6/25/1999	6/28/1999	09/29/1997	10/06/1997
Evergreen Park Fire Department	(708) 499-7721	(708) 422-4266	6/25/1999	7/9/1999		
Evergreen Park Fire Department (Emergency	(708) 499-7721	(708) 422-4266	6/25/1999	7/9/1999		
Evergreen Park Police Department	(708) 499-7721	(708) 422-4266	6/25/1999	7/9/1999		
Gary City Fire Department	219-881-1406	(219) 882-7453	6/25/1999		08/19/1997	11/03/1997
Gary City Police Department	219-881-1201	219- 881-1293	6/25/1999		08/19/1997	11/03/1997
Hammond City Fire Department	(219) 853-6416	(219) 853-6319	6/25/1999	6/25/1999	08/19/1997	11/03/1997
Hammond City Police Department	(219) 853-6478	(219) 853-6354	6/25/1999	8/25/1999	08/19/1997	11/03/1997
Illinois State Police District Chicago	(847) 294-4442	(847) 294-4440	6/25/1999	8/11/1999	08/28/1997	09/05/1997
Indiana State Police	(219) 234-4157	(219) 234-4158	6/25/1999	6/28/1999	08/19/1997	11/03/1997
Joliet City Fire Department	815-724-3510	815-724-3555	8/24/1999	8/25/1999	10/07/1997	10/07/1997
Joliet City Fire Department (EMS)	815-724-3510	815-724-3555	8/24/1999	8/25/1999	10/07/1997	10/07/1997
Joliet City Police Department	(815) 724-3295	(815) 724-3290	7/1/1999	7/2/1999	10/07/1997	10/07/1997
Kane County Sheriff Department	(630) 208-2068	(630) 208-9811	6/25/1999	8/17/1999	10/07/1997	10/08/1997
Lake County Emergency Management	(219) 755-3549	(219) 755-3559	6/25/1999	7/8/1999	08/19/1997	11/03/1997
Lake County Sheriff Department	(847) 549-5230	(847) 367-4907	6/25/1999	8/6/1999	09/03/1997	09/05/1997
LaPorte County Sheriffs Department	(219) 326-7700	(219) 324-6205	6/25/1999	8/13/1999	08/19/1997	11/03/1997
McHenry County Sheriff Department	(815) 338-2144	(815) 338-9285	6/25/1999	6/29/1999	11/20/1997	11/20/1997
Mount Prospect Police Department	(847) 870-5656	(847) 818-5228	6/25/1999	6/28/1999	09/11/1997	09/12/1997

Agency Name	Phone	Fax	1999		1997	
			Out	In	Out	In
Naperville City Emergency Management Agency	(630) 420-6660	(630) 420-4094	6/25/1999	6/28/1999		
Naperville City Fire Department	(630) 420-6660	(630) 420-4094	6/25/1999	6/28/1999	09/30/1997	10/06/1997
Naperville City Fire Department -Emergency	(630) 420-6660	(630) 420-4094	6/25/1999	6/28/1999		
Naperville City Police Department	(630) 420-6161	(630) 420-4096	6/25/1999	8/25/1999		
North Palos Fire Protection District	(708) 499-7721	(708) 422-4266	6/25/1999	7/9/1999		
North Palos Fire Protection District (Emergency	(708) 499-7721	(708) 422-4266	6/25/1999	7/9/1999		
Oak Lawn Village Fire Department	(708) 499-7721	(708) 422-4266	6/25/1999	7/9/1999	11/17/1997	11/24/1997
Oak Lawn Village Fire Department (Emergency	(708) 499-7721	(708) 422-4266	6/25/1999	7/9/1999	11/17/1997	11/24/1997
Oak Lawn Village Police Department	(708) 499-7721	(708) 422-4266	6/25/1999	7/9/1999	11/17/1997	11/24/1997
Oak Park City Fire Department	(708) 445-3300	(708) 383-2495	6/25/1999	6/29/1999	11/17/1997	11/20/1997
Oak Park City Fire Department (Emergency	(708) 445-3300	(708) 383-2495	6/25/1999	6/29/1999	11/17/1997	11/20/1997
Oak Park City Police Department	(708) 445-3300	(708) 383-2495	6/25/1999	6/29/1999	11/18/1997	11/18/1997
Porter County Sheriffs Department	(219) 465-3515	(219) 465-0721	6/25/1999	9/30/1999	08/19/1997	11/03/1997
Roberts Park Fire Protection District	(708) 499-7721	(708) 422-4266	6/25/1999	7/9/1999		
Roberts Park Fire Protection District (Emergency	(708) 499-7721	(708) 422-4266	6/25/1999	7/9/1999		
Schaumburg Emergency Medical Services	(847) 895-0007	(847) 923-2336	6/25/1999	7/20/1999	10/02/1997	10/02/1997
Schaumburg Fire Department	(847) 895-0007	(847) 923-2336	6/25/1999	7/20/1999	10/02/1997	10/02/1997
Schaumburg Police Department	(847) 895-0007	(847) 923-2336	6/25/1999	7/20/1999	10/02/1997	10/02/1997
Skokie Village Fire Prevention Bureau	(847) 982-5340	(847) 675-2318	6/25/1999	7/1/1999	09/29/1997	09/29/1997
Skokie Village Police Department	(847) 982-5921	(847) 982-5978	6/25/1999	6/28/1999	09/29/1997	05/18/1998
Will County Sheriff Department	815-774-6258	815-727-8565	6/25/1999	9/2/1999	10/02/1997	05/13/1998
<b>Freeway Management</b>						
Illinois Department of Transportation	(708) 524-2145	(708) 524-1455	7/29/1999	9/27/1999	07/07/1997	08/29/1997
ISTHA	(630) 241-6800	(630) 241-6103	7/29/1999	10/7/1999	07/09/1997	11/11/1997
Indiana Department of Transportation Highway	(317) 232-5523	(317) 232-0238	7/29/1999	8/19/1999	07/28/1997	11/20/1997
Indiana Department of Transportation La Porte	(219) 886-3374	(219) 886-3780	7/29/1999	10/8/1999	08/19/1997	10/10/1997
<b>MPO</b>						
Northwestern Indiana Regional Planning	(219) 763-6060	(219) 762-1653	7/15/1999	8/4/1999		
Chicago Area Transportation Study	(312) 793-0380	(312) 793-3481	7/15/1999			
<b>Transit Management</b>						
LCEOC, Inc.	(219) 937-3500	(219) 932-0560	8/9/1999	8/24/1999	07/16/1997	10/13/1997
North Township of Lake County Dial-A-Ride	(219) 932-2530	(219) 937-4412	8/9/1999	9/9/1999	07/16/1997	10/10/1997
Northeast Illinois Regional Commuter RR	(312) 322-6979	(312) 322-6965	8/9/1999	9/17/1999	07/16/1997	07/28/1997
Northern Indiana Commuter	(219) 926-5744	(219) 929-4438	8/9/1999	9/10/1999	07/16/1997	
PACE	(847) 228-2401	(847) 228-3597	8/9/1999	9/3/1999	07/16/1997	11/18/1997
Portage Township Transportation	(219) 762-1522	(219) 764-4806	8/9/1999	9/23/1999	07/16/1997	07/22/1997

Agency Name	Phone	Fax	1999		1997	
			Out	In	Out	In
Cook-DuPage Transportation	(312) 633-2749	(312) 633-2755	8/9/1999	9/10/1999	07/16/1997	07/22/1997
Chicago Transit Authority (CTA)	(312) 432-8001	(312) 432-8010	8/9/1999	8/20/1999	07/16/1997	
Opportunity Enterprises Incorporated	(219) 464-9621	(219) 464-9635	8/9/1999	8/19/1999	07/16/1997	07/21/1997
In-Pact Incorporated	(219) 662-1905	(219) 662-4095	8/9/1999		07/16/1997	07/24/1997
Hammond Transit System	(219) 853-6401	(219) 853-6407	8/9/1999	9/7/1999	07/16/1997	07/24/1997
East Chicago Transit	(219) 391-8465	(219) 391-8473	8/9/1999	9/9/1999	07/15/1997	10/10/1997

**Appendix C**  
**Freeway Management Components**

Freeway Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Illinois Department of Transportation		Indiana Department of Transportation Highway Operations		Indiana Department of Transportation La Porte District		ISTHA		Totals	
	1999	2005	1999	2005	1999	2005	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes		Yes		Yes		4	
<b>FREEWAY MANAGEMENT SECTION</b>										
Number of freeway centerline miles that agency owns or maintains	150		72		NR		NR		222	
Number of freeway centerline miles that is used for planning	NR		24		NR		NR		24	
Number of freeway entrance ramps that agency owns, operates or maintains	113		66		NR		NR		179	
Number of freeway entrance ramps that is used for planning	NR		48		NR		NR		48	
<b>Type of facilities used to conduct freeway/incident management activities</b>										
Activities housed in a free-standing dedicated building?	Yes		Yes		No		No		2	
Activities housed in a building shared with other activities?	No		Yes		No		No		1	
Activities conducted in a dedicated control room?	Yes		Yes		No		No		2	
Control room contains operator console(s)?	Yes		Yes		No		No		2	
Control room contains electronic wall map?	No		No		No		No		0	
Control room contains CCTV display(s)?	Yes		Yes		No		No		2	
Activities conducted in a room containing workstations or PCs that manage traffic?	Yes		Yes		No		No		2	
Facilities are electronically linked to other transportation mgt facilities?	Yes		Yes		No		No		2	
<b>Staffing and hours of operation of freeway/incident management activities</b>										
Number of full-time agency staff members	5		NR		NR		NR		5	
Number of full time contractor staff members	0		NR		NR		NR		0	
Number of part-time agency staff members	0		NR		NR		NR		0	
Number of part-time contractor staff members	0		NR		NR		NR		0	
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		0	
Agency staff perform transportation management as an ancillary duty	No		No		No		No		0	
Agency staff dedicated to transportation management duty	No		No		No		No		0	
<b>Types of operations conducted for freeway/incident management</b>										
Incident detection and management?	Yes		Yes		No		No		2	
This metropolitan area?	Yes		Yes		No		No		2	
Other metropolitan area?	No		Yes		No		No		1	
Statewide?	No		Yes		No		No		1	
Monitoring and troubleshooting status of system components?	Yes		Yes		No		No		2	
Manual override of ramp metering rates at freeway on-ramps?	Yes		No		No		No		1	
Operating transportation management roadside devices?	Yes		Yes		No		No		2	
Radio communications with other agencies?	Yes		Yes		No		No		2	
Exchange of electronic data with other agencies such as computer aided dispatch?	Yes		No		No		No		1	

Freeway Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Illinois Department of Transportation		Indiana Department of Transportation Highway Operations		Indiana Department of Transportation La Porte District		ISTHA		Totals	
	1999	2005	1999	2005	1999	2005	1999	2005	1999	2005
<b>Real-Time Traffic Data Collection Technologies</b>										
Total number of miles under surveillance with real-time data collection tech.	150	NR	0	24	NR	50	NR	NR	150	74
<u>Number of Stations with data collection technologies</u>										
Loop detectors	2,400	NR	2	2	0	0	0	0	2402	2
Video imaging detectors	0	0	0	0	0	0	0	0	0	0
Probe readers (elec. toll tags, transit vehicles, other technology)	0	0	0	0	0	0	0	0	0	0
Microwave radar	0	0	0	0	0	0	0	0	0	0
Other (e.g., acoustic detectors)	0	0	0	48	0	0	0	0	0	48
<u>Number of Miles covered with data collection technologies</u>										
Loop detectors	150	NR	NR	NR	0	0	0	0	150	0
Video imaging detectors	0	0	0	0	0	0	0	0	0	0
Probe readers (elec. toll tags, transit vehicles, other technology)	0	0	0	0	0	0	0	0	0	0
Microwave radar	0	0	0	0	0	0	0	0	0	0
Other (e.g., acoustic detectors)	0	0	0	48	0	0	0	0	0	48
<b>Variable Message Signs (VMS) on Freeways</b>										
Candidate locations for deployment of VMS where VMS has been deployed	NR	NR	NR	11	40	60	9	24	49	95
Candidate locations for deployment of VMS	NR	17	NR	11	50	70	NR	NR	50	98
<b>Roadside Technologies used to Distribute Traveler Information</b>										
Total number of miles where information is distributed	29	NR	24	24	60	75	0	0	113	99
<u>Number deployed</u>										
Highway advisory radio	11	NR	4	4	NR	NR	0	0	15	4
In-vehicle signing	0	0	0	0	0	0	0	0	0	0
Portable variable message signs	0	0	12	6	0	0	0	0	12	6
Other	0	0	0	11	0	0	0	0	0	11
<u>Miles covered</u>										
Highway advisory radio	29	NR	24	24	60	75	0	0	113	99
In-vehicle signing	0	0	0	0	0	0	0	0	0	0
Portable variable message signs	0	0	NR	NR	0	0	0	0	0	0
Other	0	0	0	24	0	0	0	0	0	24
<b>Ramp Meters on Freeways</b>										
Number of entrance ramp meters operated under isolated control	NR	NR	NR	NR	NR	NR	NR	NR	0	0
Number of entrance ramp meters operated under central control	113	NR	NR	NR	NR	NR	NR	NR	113	0
Number of entrance ramp meters that provide preemption for emergency vehicles	NR	NR	NR	NR	NR	NR	NR	NR	0	0
Number of entrance ramp meters that provide priority for transit vehicles	NR	NR	NR	NR	NR	NR	NR	NR	0	0
Total number of metered ramps	113	NR	NR	NR	NR	NR	0	20	113	20
<b>Freeway centerline miles under lane control</b>	NR	NR	NR	NR	NR	NR	274	290	274	290
<b>Communication Links</b>										
<u>Freeway centerline miles covered by the following type of communication</u>										
Twisted pair cable	150	NR	0	0	0	0	0	0	150	0
Coaxial cable	0	0	0	0	0	0	0	0	0	0

Freeway Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Illinois Department of Transportation		Indiana Department of Transportation Highway Operations		Indiana Department of Transportation La Porte District		ISTHA		Totals	
	1999	2005	1999	2005	1999	2005	1999	2005	1999	2005
Fiber-optic cable	8	NR	0	24	0	0	0	0	8	24
Microwave radio	29	NR	0	0	0	0	0	0	29	0
Other	0	0	16	24	0	0	0	0	16	24
<b>ITS Standards Used Related to Freeway Management</b>										
ATMS Data Dictionary Sections 1 and 2 (ITE TM 1.01)	No		No		No		No		0	
ATMS Data Dictionary Sections 3 and 4 (ITE TM 1.02)	No		No		No		No		0	
Message Set for External TMC Communication (ITE-9604-1)	No		No		No		No		0	
NTCIP Class B Profile (AASHTO TS 3.3)	No		No		No		No		0	
NTCIP Data Collection and Monitoring Devices (AASHTO TS 3.DCM)	No		No		No		No		0	
NTCIP Object Definitions for Environmental Sensor Stations (AASHTO TS 3.7)	No		No		No		No		0	
NTCIP Object Definitions for Dynamic Message Signs (AASHTO TS 3.6)	No		No		No		No		0	
NTCIP Object Definitions for Highway Advisory Radio (AASHTO TS 3.HAR)	No		No		No		No		0	
NTCIP Object Definitions for Ramp Meter Control (AASHTO TS 3.RMC)	No		No		No		No		0	
NTCIP Object Definitions for Transportation Sensor Systems (AASHTO TS 3.TSS)	No		No		No		No		0	
NTCIP Object Definitions for Video Camera Control (AASHTO TS 3.VCC)	No		No		No		No		0	
Would agency be willing to participate in testing of ITS Standards?	Yes		Yes		NR		NR		2	
<b>Have agreements in place with other agencies to use similar hardware and software to aid maintenance and interoperability?</b>										
	Yes		Yes		NR		NR		2	
<b>INCIDENT MANAGEMENT SECTION</b>										
<b>Use of Service Patrols to Assist in Detection and Response to Incidents</b>										
Publicly operated service patrol vehicles	Yes		Yes		Yes		Yes		4	
Privately operated service patrol vehicles operated under public contract	Yes		No		No		No		1	
Total number of freeway miles patrolled by these services	79	NR	24	24	60	100	140	290	303	414
<b>Miles Covered by Methods to Detect and Verify Incidents</b>										
Free cellular phone call to a dedicated phone number other than 911	NR	NR	NR	NR	NR	NR	274	290	274	290
Police patrols	NR	NR	NR	NR	NR	NR	NR	NR	0	0
Computer algorithms linked to traffic surveillance equipment	153	NR	NR	24	30	100	17	290	200	414
CCTV	6	NR	1	22	30	100	52	150	89	272
Private sector sources (e.g., Shadow Traffic, SmartRoutes)	NR	NR	NR	NR	NR	NR	NR	NR	0	0
Other (e.g., free cell phone call to an area radio system, etc.)	NR	NR	24	24	NR	NR	NR	NR	24	24
<b>Procedures in place for Freeway Incident Response?</b>										
Working agreement(s)/arrangement(s) with other agencies	Yes		No		No		No		1	
Inter-agency incident management admin. team that meets regularly	Yes		No		No		No		1	
Major incident response team that responds to major incidents	No		No		No		No		0	
Set of goals/objectives for incident mgt that has been adopted by agencies in region	No		No		No		No		0	
<b>Central focal point for facilitating the two-way flow of information among agencies responding to an incident?</b>										
The central focal point is a Freeway or Traffic Management Center	Yes		Yes		No		No		2	

Freeway Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Illinois Department of Transportation		Indiana Department of Transportation Highway Operations		Indiana Department of Transportation La Porte District		ISTHA		Totals	
	1999	2005	1999	2005	1999	2005	1999	2005	1999	2005
The central focal point is a Police, Fire or joint dispatch center	No		No		No		No		0	
The central focal point is another center	No		No		No		No		0	
<b>Methods of Communication Used On-Site at an Incident</b>										
<u>Police</u>										
Two-way radio	No		Yes		No		No		1	
800 MHz trunked radio	Yes		No		No		No		1	
Cellular telephone	No		No		No		No		0	
Hand-held (i.e., walkie-talkie)	Yes		No		No		No		1	
Automated data systems (i.e., CAD)	No		No		No		No		0	
<u>Fire</u>										
Two-way radio	No		Yes		No		No		1	
800 MHz trunked radio	Yes		No		No		No		1	
Cellular telephone	No		No		No		No		0	
Hand-held (i.e., walkie-talkie)	No		No		No		No		0	
Automated data systems (i.e., CAD)	Yes		No		No		No		1	
<u>DOT</u>										
Two-way radio	Yes		Yes		No		No		2	
800 MHz trunked radio	No		No		No		No		0	
Cellular telephone	Yes		Yes		No		No		2	
Hand-held (i.e., walkie-talkie)	Yes		No		No		No		1	
Automated data systems (i.e., CAD)	No		No		No		No		0	
<u>Towing</u>										
Two-way radio	No		Yes		No		No		1	
800 MHz trunked radio	Yes		No		No		No		1	
Cellular telephone	Yes		No		No		No		1	
Hand-held (i.e., walkie-talkie)	No		No		No		No		0	
Automated data systems (i.e., CAD)	Yes		No		No		No		1	
<b>Which police agencies typically respond to incidents on freeways?</b>										
State Police	Yes		Yes		No		No		2	
County Police or Sheriff	No		Yes		No		No		1	
City Police	No		No		No		No		0	
<b>Who provides on-site emergency medical response?</b>										
Fire	Yes		Yes		No		No		2	
Emergency Management Service Agency	Yes		No		No		No		1	
Private hospital	No		Yes		No		No		1	
<b>Has a multi-agency contact list been developed in area containing the</b>										

Freeway Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Illinois Department of Transportation		Indiana Department of Transportation Highway Operations		Indiana Department of Transportation La Porte District		ISTHA		Totals	
	1999	2005	1999	2005	1999	2005	1999	2005	1999	2005
names, phone numbers, etc. for the appropriate response personnel?	Yes		DK		NR		NR		1	
Is the Incident Command System used to manage incident scenes?	No		Yes		NR		NR		1	
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		Yes		No		No		1	
Formal agreement?	No		No		No		No		0	
Not specified or don't know?	Yes		No		No		No		1	
On-scene command post used to manage activities of responding agencies?	Yes		DK		NR		NR		1	
Are there communication linkages to a communications traffic/freeway mgt center?	Yes		NR		NR		NR		1	
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?	Yes		No		NR		NR		1	
Respondents protected through law or court opinion for liability claims for damages to vehicles or cargoes during clearance activities?	Yes		DK		NR		NR		1	
Are overturned tank trucks, which are intact and not leaking, uprighted without first off-loading?	Yes		No		NR		NR		1	
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?	Yes		Yes		NR		NR		2	
Have laws or policies regarding the removal of stalled/abandoned vehicles from freeway shoulders?	Yes		Yes		NR		NR		2	
Hours abandoned vehicles are allowed to remain on a freeway shoulder?	0-24		>36		NR		NR		0	
Have policies or procedures for quick removal of vehicles?	Yes		No		NR		NR		1	
Is Total Station equipment used to investigate major incidents?	NR		No		NR		NR		0	
Handling of Towing Responses to Incidents										
Formal contract based on qualifications?	No		No		No		No		0	
Rotation with companies under contract?	No		No		No		No		0	
Separate lists kept for light and heavy response and for specialty recovery?	NR		NR		NR		NR		0	
Rotation list with minimal qualifications?	No		Yes		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		Considered		NR		NR			
DK: Don't know										
NR: No Response										
Leg: Legislation or action being planned										

**Appendix D**  
**Freeway Management Integration**

Freeway Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Illinois Department of Transportation		Indiana Department of Transportation Highway Operations	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Freeway Management Section</b>				
<b>Agencies your agency provides freeway travel times, speeds, and conditions information, share infrastructure or coordinates operation</b>				
<b>Freeway Management Agencies</b>				
Provide Information	ISTHA, Illinois Department of Transportation, Indiana Department of Transportation Highway Opera	None listed	Indiana Department of Transportation Highway Opera, Indiana Department of Transportation La Porte Dist	None listed
Share Infrastructure	ISTHA, Illinois Department of Transportation	Indiana Department of Transportation Highway Opera	None listed	Indiana Department of Transportation Highway Opera, Indiana Department of Transportation La Porte Dist
Coordinate Operation	Illinois Department of Transportation, Indiana Department of Transportation Highway Opera	ISTHA	None listed	ISTHA, Indiana Department of Transportation Highway Opera, Indiana Department of Transportation La Porte Dist, Illinois Department of Transportation
<b>Incident Management Agencies</b>				
Provide Information	ISTHA, Illinois Department of Transportation, Indiana Department of Transportation Highway Opera	None listed	None listed	None listed

Freeway Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Illinois Department of Transportation		Indiana Department of Transportation Highway Operations	
	1999	2005	1999	2005
Share Infrastructure	ISTHA, Illinois Department of Transportation	Indiana Department of Transportation Highway Opera	None listed	Indiana Department of Transportation Highway Opera, Indiana Department of Transportation La Porte Dist
Coordinate Operation	Illinois Department of Transportation, Indiana Department of Transportation Highway Opera	ISTHA	None listed	ISTHA, Indiana Department of Transportation Highway Opera, Indiana Department of Transportation La Porte Dist, Illinois Department of Transportation
<b>Arterial Management Agencies</b>				
Provide Information	None listed	None listed	None listed	Gary City, Hammond City
Share Infrastructure	None listed	None listed	None listed	Gary City, Hammond City, Indiana Department of Transportation La Porte Dist
Coordinate Operation	None listed	None listed	None listed	Gary City, Hammond City, Indiana Department of Transportation La Porte Dist, Highland City, Munster City
<b>Public Transit Operators</b>				
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
<b>Receiving real-time information via electronic means from others</b>				
<b>Incident Management agencies from which your agency receives incident severity, location, and type information</b>				
	None listed	None listed	None listed	Illinois Department of Transportation
<b>Arterial Management agencies from which your agency receives</b>				

Freeway Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Illinois Department of Transportation		Indiana Department of Transportation Highway Operations	
	1999	2005	1999	2005
<i>arterial travel times, speeds, and conditions</i>	None listed	None listed	None listed	Gary City, Indiana Department of Transportation La Porte Dist, Hammond City
<b>Public Transit operators from which your agency receives freeway travel times derived from vehicle probes</b>	None listed	None listed	None listed	None listed
<b>Toll Collection agencies from which your agency receives freeway travel times derived from vehicles probes</b>	None listed	None listed	None listed	None listed
<b>Freeway Incident Management Section</b>				
<b>Agencies your agency provides incident severity, location, and type info. and/or shares infrastructure and/or coordinates operation</b>				
<b>Arterial Management Agencies</b>				
Provide Information	None listed	None listed	None listed	Indiana Department of Transportation La Porte Dist, Illinois Department of Transportation
Share Infrastructure	None listed	None listed	None listed	Indiana Department of Transportation La Porte Dist, Illinois Department of Transportation
Coordinate Operation	None listed	None listed	None listed	Indiana Department of Transportation La Porte Dist, Illinois Department of Transportation
<b>Emergency Management Agencies</b>				
Provide Information	Illinois State Police District Chicago	None listed	None listed	None listed
Share Infrastructure	Illinois State Police District Chicago	None listed	None listed	None listed
Coordinate Operation	Illinois State Police District Chicago	None listed	None listed	None listed
<b>Freeway Management Agencies</b>				

Freeway Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Illinois Department of Transportation		Indiana Department of Transportation Highway Operations	
	1999	2005	1999	2005
Provide Information	Illinois Department of Transportation, ISTHA, Indiana Department of Transportation Highway Opera	None listed	None listed	ISTHA, Indiana Department of Transportation Highway Opera, Indiana Department of Transportation La Porte Dist, Illinois Department of Transportation
Share Infrastructure	Illinois Department of Transportation	ISTHA, Indiana Department of Transportation Highway Opera	None listed	ISTHA, Indiana Department of Transportation Highway Opera, Indiana Department of Transportation La Porte Dist, Illinois Department of Transportation
Coordinate Operation	Illinois Department of Transportation, ISTHA, Indiana Department of Transportation Highway Opera	None listed	None listed	ISTHA, Indiana Department of Transportation Highway Opera, Indiana Department of Transportation La Porte Dist, Illinois Department of Transportation
<b>Public Transit Operators</b>				
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
<b>Receiving real-time information via electronic means from others</b>				
<b>Emergency Management agencies from which your agency receives</b>				
<b>incident clearance and/or incident severity and type</b>				

Freeway Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Illinois Department of Transportation		Indiana Department of Transportation Highway Operations	
	1999	2005	1999	2005
Receive Arterial Incident Clearance Information	Illinois State Police District Chicago	None listed	None listed	Gary City Fire Department, Gary City Police Department, Hammond City Fire Department, Hammond City Police Department, Indiana State Police, Lake County Sheriff Department-Illinois, Lake County Sheriff Department-Indiana
Receive Arterial Incident Severity Information	Illinois State Police District Chicago	None listed	None listed	Gary City Fire Department, Gary City Police Department, Hammond City Fire Department, Hammond City Police Department, Indiana State Police, Lake County Sheriff Department-Illinois, Lake County Sheriff Department-Indiana
<b>Arterial Management agencies from which your agency receives arterial travel times, speeds, and conditions</b>	None listed	None listed	None listed	Gary City, Hammond City
<b>Freeway Management agencies from which your agency receives freeway travel times, speeds, and conditions</b>	None listed	None listed	None listed	Illinois Department of Transportation

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

Freeway Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Indiana Department of Transportation La Porte District		ISTHA	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Freeway Management Section</b>				
<b>Agencies your agency provides freeway travel times, speeds, and conditions information, share infrastructure or coordinates operation</b>				
<b><i>Freeway Management Agencies</i></b>				
Provide Information				
	short survey	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
<b><i>Incident Management Agencies</i></b>				
Provide Information				
	None listed	None listed	short survey	None listed

Freeway Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Indiana Department of Transportation La Porte District		ISTHA	
	1999	2005	1999	2005
Share Infrastructure	None listed	None listed	None listed	None listed
Coordinate Operation	None listed	None listed	None listed	None listed
<b>Arterial Management Agencies</b>				
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
<b>Public Transit Operators</b>				
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
<b>Receiving real-time information via electronic means from others</b>				
<b>Incident Management agencies from which your agency receives incident severity, location, and type information</b>				
	short survey	None listed	short survey	None listed
<b>Arterial Management agencies from which your agency receives</b>				

Freeway Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Indiana Department of Transportation La Porte District		ISTHA	
	1999	2005	1999	2005
<i>arterial travel times, speeds, and conditions</i>	None listed	None listed	None listed	None listed
<b>Public Transit operators from which your agency receives freeway travel times derived from vehicle probes</b>	None listed	None listed	None listed	None listed
<b>Toll Collection agencies from which your agency receives freeway travel times derived from vehicles probes</b>	None listed	None listed	None listed	None listed
<b>Freeway Incident Management Section</b>				
<b>Agencies your agency provides incident severity, location, and type info. and/or shares infrastructure and/or coordinates operation</b>				
<b>Arterial Management Agencies</b>				
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
<b>Emergency Management Agencies</b>				
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
<b>Freeway Management Agencies</b>				

Freeway Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Indiana Department of Transportation La Porte District		ISTHA	
	1999	2005	1999	2005
Provide Information				
	short survey	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
<b>Public Transit Operators</b>				
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
<b>Receiving real-time information via electronic means from others</b>				
<b>Emergency Management agencies from which your agency receives incident clearance and/or incident severity and type</b>				

Freeway Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Indiana Department of Transportation La Porte District		ISTHA	
	1999	2005	1999	2005
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
<b><i>Arterial Management agencies from which your agency receives arterial travel times, speeds, and conditions</i></b>				
	None listed	None listed	None listed	None listed
<b><i>Freeway Management agencies from which your agency receives freeway travel times, speeds, and conditions</i></b>				
	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.

**Appendix E**  
**Freeway Management Information Collection and Dissemination**

Data Collection and Dissemination: Freeway Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Illinois Department of Transportation		Indiana Department of Transportation Highway Operations	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Freeway Management Section</b>				
<b>Data collected, archived, and/or transferred to another agency</b>				
Collected by your agency	Traffic volumes, Lane occupancy, Metering rate	Traffic volumes, Traffic speeds, Lane occupancy, Metering rate	NR	Traffic volumes, Traffic speeds, Road conditions, Incidents, Current work zones, Scheduled work zones, Highway operations coordination information
Archived by your agency	Traffic volumes, Lane occupancy, Metering rate	Traffic volumes, Traffic speeds, Lane occupancy, Metering rate	NR	Traffic volumes, Traffic speeds, Road conditions, Incidents, Current work zones, Scheduled work zones, Highway operations coordination information
Transferred to another agency by your agency	Traffic volumes, Lane occupancy	Traffic volumes, Traffic speeds, Lane occupancy	NR	Traffic volumes, Traffic speeds, Road conditions, Incidents, Current work zones, Scheduled work zones, Highway operations coordination information
<b>Importance of making information available to the public</b>				
Ranked High		Traffic volumes, Lane occupancy		Traffic volumes, Traffic speeds, Road conditions, Incidents, Current work zones, Scheduled work zones, Highway operations coordination information

Data Collection and Dissemination: Freeway Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Illinois Department of Transportation		Indiana Department of Transportation Highway Operations	
	1999	2005	1999	2005
Ranked Medium	Traffic speeds		NR	
Ranked Low	Metering rate		NR	
<b>Groups that make requests for the data</b>	Universities, State DOT personnel, Federal DOT personnel, Media (I.e., TV stations, radio stations), MPOs, Consultants, Advanced Traveler Information Systems (ATIS) provi, Motorists/Citizens/Public		Universities, Media (I.e., TV stations, radio stations), MPOs, Advanced Traveler Information Systems (ATIS) provi	
<b>What is the data used for?</b>	Traffic analysis, Construction impact determination, Planning, Incident detection algorithm development, Roadway impact analysis, Accident prediction models, Dissemination to the public		Do not know, Traffic analysis, Construction impact determination, Planning, Accident prediction models, Dissemination to the public	
<b>Methods used to disseminate freeway information to the public</b>				
Technologies your agency uses to disseminate:	Telephone system, Internet Web sites	NR	NR	Dedicated cable TV, Telephone system, Internet Web sites, Pagers or personal data assistants
Technologies your agency (through another agency or org.) uses to disseminate:	NR	NR	NR	NR
<b>Internet web site reporting freeway conditions</b>	www.dot.state.il.us		planned before 2005	
<b>Telephone system for reporting freeway information to the public</b>	312-Dot-INFO-Road infor 847-705-4620:Travel Time 847-705-4618: Congestion Limits		planned before 2005	
<b>Organizations your agency sends information for dissemination to the public</b>	CATS-Chicago Area Transportation Study WLS-TV Metra Train Metro Traffic State Police WGN WMAQ-TV		all affected media	
<b>Freeway Incident Management Section</b>				

Data Collection and Dissemination: Freeway Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Illinois Department of Transportation		Indiana Department of Transportation Highway Operations	
	1999	2005	1999	2005
<b>Methods used to distribute incident location and severity information to the public</b>				
Technologies your agency uses to disseminate:	Telephone system, Internet Web sites, Cell phone/data, Changeable Message Signs	NR	Dynamic Message Signs	Telephone system, Internet Web sites, Pagers or personal data assistants, Dynamic Message Signs
Technologies your agency (through another agency or org.) uses to disseminate:	NR	NR	NR	NR
<b>Internet web site reporting incident information</b>	www.dot.state.il.us		NR	
<b>Telephone system for reporting incident information to the public</b>	708-524-2145 TSC Comm Center 1-847-705-4612		NR	
<b>Organizations your agency sends information for dissemination to the public</b>	NR		NR	

Data Collection and Dissemination: Freeway Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Indiana Department of Transportation La Porte District		ISTHA	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Freeway Management Section</b>				
<b>Data collected, archived, and/or transferred to another agency</b>				
Collected by your agency	NR	NR	NR	NR
Archived by your agency	NR	NR	NR	NR
Transferred to another agency by your agency	NR	NR	NR	NR
<b>Importance of making information available to the public</b>				
Ranked High	NR		NR	

Data Collection and Dissemination: Freeway Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Indiana Department of Transportation La Porte District		ISTHA	
	1999	2005	1999	2005
Ranked Medium	NR		NR	
Ranked Low	NR		NR	
<b>Groups that make requests for the data</b>				
	NR		NR	
<b>What is the data used for?</b>				
	NR		NR	
<b>Methods used to disseminate freeway information to the public</b>				
Technologies your agency uses to disseminate:	Internet Web sites, Pagers or personal data assistants, Kiosks	NR	Dedicated cable TV, Interactive TV	Telephone system, Internet Web sites, Pagers or personal data assistants, 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
<b>Internet web site reporting freeway conditions</b>				
	NR		NR	
<b>Telephone system for reporting freeway information to the public</b>				
	NR		NR	
<b>Organizations your agency sends information for dissemination to the public</b>				
	NR		NR	
<b>Freeway Incident Management Section</b>				

Data Collection and Dissemination: Freeway Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Indiana Department of Transportation La Porte District		ISTHA	
	1999	2005	1999	2005
<b>Methods used to distribute incident location and severity information to the public</b>				
Technologies your agency uses to disseminate:	Internet Web sites, Pagers or personal data assistants, Kiosks	NR	NR	Dedicated cable TV, Telephone system, Internet Web sites, Pagers or personal data assistants, Interactive TV, E-mail or other direct PC communication, In-vehicle navigation systems, Kiosks
Technologies your agency (through another agency or org.) uses to disseminate:	NR	NR	NR	NR
<b>Internet web site reporting incident information</b>	NR		NR	
<b>Telephone system for reporting incident information to the public</b>	NR		NR	
<b>Organizations your agency sends information for dissemination to the public</b>	NR		NR	

**Appendix F**  
**Arterial Management Components**

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Arlington Heights Village		Aurora City		Chicago City		Cook County	
	1999	2005	1999	2005	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes		Yes		Yes	
<b>ARTERIAL MANAGEMENT SECTION</b>								
Number of arterial miles that agency owns or maintains	NR		164		NR		NR	
Number of arterial miles that is used for planning	NR		164		NR		NR	
Number of highway-rail intersections that agency maintains	5		40		470		NR	
Number of highway-rail intersections that is used for planning	NR		40		NR		NR	
<b>Type of facilities used to conduct arterial management activities</b>								
Activities housed in a free-standing dedicated building?	No		No		No		No	
Activities housed in a building shared with other activities?	No		Yes		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		Yes		No		No	
Facilities are electronically linked to other transportation mgt facilities?	No		No		No		No	
<b>Staffing and hours of operation of arterial management activities</b>								
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		1		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		Yes		No		No	
Agency staff dedicated to transportation management duty	No		No		No		No	
<b>Types of operations conducted for arterial management</b>								
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	

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Arlington Heights Village		Aurora City		Chicago City		Cook County	
	1999	2005	1999	2005	1999	2005	1999	2005
<b>Describe agency's role in traffic signal control</b>	NR		operate some signals in area county operates some and state operates some also share operations outside area.		NR		NR	
<b>Traffic Signals Operated by Agency</b>								
Number of signalized intersections operated and owned by agency	NR	NR	101	NR	NR	NR	NR	NR
Number of signalized intersections operated by agency but owned by another	NR	NR	1	NR	NR	NR	NR	NR
Total number of signalized intersections operated by agency	27	NR	102	NR	2,769	NR	300	350
<i>Characteristics of signalized intersections that agency operates</i>								
Under closed loop or central system control	15	NR	NR	NR	200	500	81	125
Under real-time traffic adaptive control using advanced software	NR	NR	NR	NR	0	30	0	25
Using SCOOT	No		No		No		No	
Using SCATS	No		No		No		No	
Name of software	NR		NR		NR		NR	
Allow signal preemption for emergency vehicles	27	NR	NR	NR	0	0	160	200
Allow signal priority for transit vehicles	0	NR	NR	NR	1	NR	0	0
Within 200 feet of a highway-rail intersection	7	NR	NR	NR	32	32	3	3
Within 200 feet of a highway-rail intersection that adjust signal timing	8	NR	NR	NR	32	32	3	3
<b>Software used to control the signals agency operates</b>								
Date of last upgrade to traffic signal control system software?	NR		7/99		NR		NR	
How often do you update signal timing?	NR		have not since taking over last year		NR		NR	
Software used and number of signalized intersections under control (1999, 2005)	NR		Multi Sonics VMS 330 ver.5.2.5, NR, NR		NR		NR	
<b>Controllers used to control signals</b>								
NEMA	0	0	98	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	3	0	0	0	0	0
<b>Technologies Associated with Highway-Rail Intersections</b>								
Total number of highway-rail intersections under electronic surveillance	NR	NR	NR	NR	NR	NR	3	3

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Arlington Heights Village		Aurora City		Chicago City		Cook County	
	1999	2005	1999	2005	1999	2005	1999	2005
<b><i>Highway-Rail intersection capabilities</i></b>								
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
<b>Real-Time Electronic Traffic Data Collection Technologies</b>								
Total number of signalized intersections covered by electronic surveillance	NR	NR	NR	NR	NR	NR	NR	NR
<b><i>Number of signalized intersections with data collection technologies</i></b>								
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
<b>Roadside Technologies used to Distribute Traveler Information</b>								
<b><i>Number deployed</i></b>								
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
<b><i>Miles covered</i></b>								
Highway Advisory Radio	NR	NR	NR	NR	0	15	NR	NR
In-Vehicle Signing (IVS)	NR	NR	NR	NR	NR	NR	NR	NR
VMS controlling parking access								
<b>Variable Message Signs (VMS) on Arterials</b>								
Candidate locations for deployment of VMS where VMS has been deployed	NR	NR	NR	NR	2	NR	NR	NR
Candidate locations for deployment of VMS	NR	NR	NR	NR	2	NR	NR	NR
<b>Communication Technologies</b>								
<b><i>Signalized intersections communicated with by each type of communication</i></b>								
Twisted pair cable	0	0	56	NR	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	0	0	0	0	0	0
<b>Does agency convey information on highway-rail intersection crossing status to travelers via roadside media such as VMS or HAR?</b>								
	No		No		No		No	
<b>ITS Standards Used Related to Traffic Signal Control</b>								
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	
Would agency be willing to participate in testing of ITS Standards?	NR		No		NR		NR	

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Arlington Heights Village		Aurora City		Chicago City		Cook County	
	1999	2005	1999	2005	1999	2005	1999	2005
<b>Have agreements in place with other agencies to use similar hardware and software to aid maintenance and interoperability?</b>	NR		Yes		NR		NR	
<b>INCIDENT MANAGEMENT ON ARTERIAL STREETS</b>								
<b>Receive information on highway-rail intersection crossing blockages for the purpose of managing incident response?</b>	No		No		No		No	
<b>Use of Service Patrols to Assist in Detection and Response to Incidents</b>								
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
<b>Miles Covered by Methods to Detect and Verify Incidents</b>								
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	2	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
<b>Procedures in place for Arterial Incident Response?</b>								
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	
<b>Methods of Communication Used On-Site at an Incident</b>								
<u>Police</u>								
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	
<u>Fire</u>								
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	
<u>DOT</u>								
Two-way radio	No		No		No		No	
800 MHz trunked radio	No		No		No		No	
Cellular telephone	No		No		No		No	

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Arlington Heights Village		Aurora City		Chicago City		Cook County	
	1999	2005	1999	2005	1999	2005	1999	2005
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	
<u>Towing</u>								
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	
<b>Which police agencies typically respond to incidents on arterials?</b>								
State Police	No		No		No		No	
County Police or Sheriff	No		No		No		No	
City Police	No		No		No		No	
<b>Who provides on-site emergency medical response?</b>								
Fire	No		No		No		No	
Emergency Management Service Agency	No		No		No		No	
Private hospital	No		No		No		No	
<b>Has a multi-agency contact list been developed in area containing the names, phone numbers, etc. for the appropriate response personnel?</b>	NR		NR		NR		NR	
<b>Is the Incident Command System used to manage incident scenes?</b>	NR		NR		NR		NR	
<b>Is there a legal specification by state law or formal agreement as to who is "in charge" at the incident scene?</b>								
Specified by state law?	No		No		No		No	
Formal agreement?	No		No		No		No	
Not specified or don't know?	No		No		No		No	
<b>On-scene command post used to manage activities of responding agencies?</b>	NR		NR		NR		NR	
Are there communication linkages to a communications traffic/freeway mgt center?	NR		NR		NR		NR	
<b>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?</b>	NR		NR		NR		NR	
<b>Respondents protected through law or court opinion for liability claims for damages to vehicles or cargoes during clearance activities?</b>	NR		NR		NR	N/A	NR	
<b>Are overturned tank trucks, which are intact and not leaking, uprighted without first off-loading?</b>	NR		NR		NR		NR	
<b>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?</b>	NR		NR		NR		NR	
<b>Have laws or policies regarding the removal of stalled/abandoned vehicles from freeway shoulders?</b>	NR		NR		NR		NR	
<b>Hours abandoned vehicles are allowed to remain on a freeway shoulder?</b>	NR		NR		NR		NR	
<b>Have policies or procedures for quick removal of vehicles?</b>	NR		NR		NR		NR	

Arterial Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Arlington Heights Village		Aurora City		Chicago City		Cook County	
	1999	2005	1999	2005	1999	2005	1999	2005
<b>Is Total Station equipment used to investigate major incidents?</b>	NR		NR		NR		NR	
<b>Handling of Towing Responses to Incidents</b>								
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	
<b>In towing qualifications, do you require towers to be certified under the</b>								
<b>Towing and Recovery Ass. of America's National Drivers Cert. Program?</b>	NR		NR		NR		NR	
DK: Don't know								
NR: No Response								
Leg: Legislation or action being planned								

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	DuPage County		Evanston City		Gary City		Hammond City	
	1999	2005	1999	2005	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes		Yes		Yes	
<b>ARTERIAL MANAGEMENT SECTION</b>								
Number of arterial miles that agency owns or maintains	220		NR		NR		257	
Number of arterial miles that is used for planning	220		NR		NR		175	
Number of highway-rail intersections that agency maintains	2		NR		7		0	
Number of highway-rail intersections that is used for planning	2		NR		NR		0	
<b>Type of facilities used to conduct arterial management activities</b>								
Activities housed in a free-standing dedicated building?	No		No		No		No	
Activities housed in a building shared with other activities?	Yes		No		No		Yes	
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		Yes	
Facilities are electronically linked to other transportation mgt facilities?	No		No		No		No	
<b>Staffing and hours of operation of arterial management activities</b>								
Number of full-time agency staff members	2		NR		NR		1	
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	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		Yes	
Agency staff dedicated to transportation management duty	No		No		No		No	
<b>Types of operations conducted for arterial management</b>								
Incident detection and management?	No		No		No		No	
This metropolitan area?	No		No		No		Yes	
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.)	No		No		No		No	

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	DuPage County		Evanston City		Gary City		Hammond City	
	1999	2005	1999	2005	1999	2005	1999	2005
<b>Describe agency's role in traffic signal control</b>	County routes only		NR		NR		All roads in incorporated area	
<b>Traffic Signals Operated by Agency</b>								
Number of signalized intersections operated and owned by agency	238	NR	NR	NR	139	142	97	NR
Number of signalized intersections operated by agency but owned by another	7	NR	NR	NR	NR	NR	43	NR
Total number of signalized intersections operated by agency	245	NR	95	98	139	142	140	NR
<i>Characteristics of signalized intersections that agency operates</i>								
Under closed loop or central system control	136	NR	0	37	4	4	130	NR
Under real-time traffic adaptive control using advanced software	0	NR	0	0	0	0	0	NR
Using SCOOT	No		No		No		No	
Using SCATS	No		No		No		No	
Name of software	NR		NR		NR		NR	
Allow signal preemption for emergency vehicles	110	NR	29	60	4	6	0	NR
Allow signal priority for transit vehicles	0	NR	0	0	2	6	0	NR
Within 200 feet of a highway-rail intersection	2	NR	0	0	5	5	1	NR
Within 200 feet of a highway-rail intersection that adjust signal timing	2	NR	0	0	0	7	1	NR
<b>Software used to control the signals agency operates</b>								
Date of last upgrade to traffic signal control system software?	1999		NR		NR		august 1999	
How often do you update signal timing?	every three years		NR		NR		as needed	
Software used and number of signalized intersections under control (1999, 2005)	ECONOLITE, 169, NR		NR		NR		ECONOLITE ZONE MONITOR IV, 131, NR	
<b>Controllers used to control signals</b>								
NEMA	245	NR	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	110	0
<b>Technologies Associated with Highway-Rail Intersections</b>								
Total number of highway-rail intersections under electronic surveillance	2	NR	NR	NR	2	2	NR	NR

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	DuPage County		Evanston City		Gary City		Hammond City	
	1999	2005	1999	2005	1999	2005	1999	2005
<b><i>Highway-Rail intersection capabilities</i></b>								
Video surveillance	0	0	0	0	0	0	0	0
Electronic surveillance other than video	2	NR	0	0	0	0	0	0
Ability to predict train arrival electronically	2	NR	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
<b>Real-Time Electronic Traffic Data Collection Technologies</b>								
Total number of signalized intersections covered by electronic surveillance	NR	NR	NR	NR	NR	NR	NR	NR
<b><i>Number of signalized intersections with data collection technologies</i></b>								
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
<b>Roadside Technologies used to Distribute Traveler Information</b>								
<b><i>Number deployed</i></b>								
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
<b><i>Miles covered</i></b>								
Highway Advisory Radio	NR	NR	NR	NR	18	18	NR	NR
In-Vehicle Signing (IVS)	NR	NR	NR	NR	18	18	NR	NR
VMS controlling parking access								
<b>Variable Message Signs (VMS) on Arterials</b>								
Candidate locations for deployment of VMS where VMS has been deployed	NR	NR	NR	NR	NR	3	NR	NR
Candidate locations for deployment of VMS	NR	NR	NR	NR	NR	3	NR	NR
<b>Communication Technologies</b>								
<b><i>Signalized intersections communicated with by each type of communication</i></b>								
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	80	NR
Other (e.g., wireless, dial-up modems, leased lines, etc.)	0	0	0	0	0	0	12	0
<b>Does agency convey information on highway-rail intersection crossing status to travelers via roadside media such as VMS or HAR?</b>								
	No		No		No		No	
<b>ITS Standards Used Related to Traffic Signal Control</b>								
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	
Would agency be willing to participate in testing of ITS Standards?	No		NR		NR		No	

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	DuPage County		Evanston City		Gary City		Hammond City	
	1999	2005	1999	2005	1999	2005	1999	2005
<b>Have agreements in place with other agencies to use similar hardware and software to aid maintenance and interoperability?</b>	No		NR		NR		Yes	
<b>INCIDENT MANAGEMENT ON ARTERIAL STREETS</b>								
<b>Receive information on highway-rail intersection crossing blockages for the purpose of managing incident response?</b>	No		No		No		No	
<b>Use of Service Patrols to Assist in Detection and Response to Incidents</b>								
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
<b>Miles Covered by Methods to Detect and Verify Incidents</b>								
Free cellular phone call to a dedicated phone number other than 911	0	0	0	0	50	NR	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	257	257
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
<b>Procedures in place for Arterial Incident Response?</b>								
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		Yes	
Set of goals/objectives for incident mgt that has been adopted by agencies in region	No		No		No		Yes	
<b>Methods of Communication Used On-Site at an Incident</b>								
<u>Police</u>								
Two-way radio	No		No		No		Yes	
800 MHz trunked radio	No		No		No		Yes	
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		No	
<u>Fire</u>								
Two-way radio	No		No		No		Yes	
800 MHz trunked radio	No		No		No		Yes	
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	
<u>DOT</u>								
Two-way radio	No		No		No		No	
800 MHz trunked radio	No		No		No		No	
Cellular telephone	No		No		No		No	

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	DuPage County		Evanston City		Gary City		Hammond City	
	1999	2005	1999	2005	1999	2005	1999	2005
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	
<u>Towing</u>								
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	
<b>Which police agencies typically respond to incidents on arterials?</b>								
State Police	No		No		No		No	
County Police or Sheriff	No		No		No		No	
City Police	No		No		No		Yes	
<b>Who provides on-site emergency medical response?</b>								
Fire	No		No		No		Yes	
Emergency Management Service Agency	No		No		No		Yes	
Private hospital	No		No		No		No	
<b>Has a multi-agency contact list been developed in area containing the names, phone numbers, etc. for the appropriate response personnel?</b>	NR		NR		NR		DK	
<b>Is the Incident Command System used to manage incident scenes?</b>	NR		NR		NR		DK	
<b>Is there a legal specification by state law or formal agreement as to who is "in charge" at the incident scene?</b>								
Specified by state law?	No		No		No		No	
Formal agreement?	No		No		No		No	
Not specified or don't know?	No		No		No		Yes	
<b>On-scene command post used to manage activities of responding agencies?</b>	NR		NR		NR		DK	
Are there communication linkages to a communications traffic/freeway mgt center?	NR		NR		NR		NR	
<b>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?</b>	NR		NR		NR		DK	
<b>Respondents protected through law or court opinion for liability claims for damages to vehicles or cargoes during clearance activities?</b>	NR		NR		NR		DK	
<b>Are overturned tank trucks, which are intact and not leaking, uprighted without first off-loading?</b>	NR		NR		NR		No	
<b>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?</b>	NR		NR		NR		No	
<b>Have laws or policies regarding the removal of stalled/abandoned vehicles from freeway shoulders?</b>	NR		NR		NR		No	
<b>Hours abandoned vehicles are allowed to remain on a freeway shoulder?</b>	NR		NR		NR		>36	
<b>Have policies or procedures for quick removal of vehicles?</b>	NR		NR		NR		Yes	

Arterial Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

	DuPage County		Evanston City		Gary City		Hammond City	
	1999	2005	1999	2005	1999	2005	1999	2005
<b>Is Total Station equipment used to investigate major incidents?</b>	NR		NR		NR		DK	
<b>Handling of Towing Responses to Incidents</b>								
Formal contract based on qualifications?	No		No		No		Yes	
Rotation with companies under contract?	No		No		No		Yes	
Separate lists kept for light and heavy response and for specialty recovery?	NR		NR		NR		No	
Rotation list with minimal qualifications?	No		No		No		No	
<b>In towing qualifications, do you require towers to be certified under the</b>								
<b>Towing and Recovery Ass. of America's National Drivers Cert. Program?</b>	NR		NR		NR		DK	
DK: Don't know								
NR: No Response								
Leg: Legislation or action being planned								

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Joliet City		Kane County		Lake County -Illinois		McHenry County	
	1999	2005	1999	2005	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes		Yes		Yes	
<b>ARTERIAL MANAGEMENT SECTION</b>								
Number of arterial miles that agency owns or maintains	NR		300		NR		225	
Number of arterial miles that is used for planning	NR		50		NR		225	
Number of highway-rail intersections that agency maintains	NR		18		34		10	
Number of highway-rail intersections that is used for planning	NR		3		NR		10	
<b>Type of facilities used to conduct arterial management activities</b>								
Activities housed in a free-standing dedicated building?	No		No		No		Yes	
Activities housed in a building shared with other activities?	Yes		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		Yes		No		Yes	
Facilities are electronically linked to other transportation mgt facilities?	Yes		No		No		No	
<b>Staffing and hours of operation of arterial management activities</b>								
Number of full-time agency staff members	4		NR		NR		NR	
Number of full time contractor staff members	4		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	agency		NR		NR		NR	
Staffed by others during off-peak hours	Yes		No		No		No	
Agency staff perform transportation management as an ancillary duty	Yes		Yes		No		No	
Agency staff dedicated to transportation management duty	No		No		No		No	
<b>Types of operations conducted for arterial management</b>								
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		Yes		No		No	
Radio communications with other agencies?	Yes		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	

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Joliet City		Kane County		Lake County -Illinois		McHenry County	
	1999	2005	1999	2005	1999	2005	1999	2005
<b>Describe agency's role in traffic signal control</b>	All roads in incorporated area		County routes only		NR		County routes only	
<b>Traffic Signals Operated by Agency</b>								
Number of signalized intersections operated and owned by agency	43	47	43	60	NR	NR	20	NR
Number of signalized intersections operated by agency but owned by another	61	65	2	5	NR	NR	NR	NR
Total number of signalized intersections operated by agency	104	112	45	65	95	115	20	NR
<i>Characteristics of signalized intersections that agency operates</i>								
Under closed loop or central system control	58	65	NR	NR	66	80	6	NR
Under real-time traffic adaptive control using advanced software	0	NR	0	0	0	0	NR	NR
Using SCOOT	No		No		No		No	
Using SCATS	No		No		No		No	
Name of software	NR		NR		NR		NR	
Allow signal preemption for emergency vehicles	1	NR	10	20	70	90	19	NR
Allow signal priority for transit vehicles	0	NR	0	0	0	NR	NR	NR
Within 200 feet of a highway-rail intersection	1	NR	0	0	3	NR	NR	NR
Within 200 feet of a highway-rail intersection that adjust signal timing	1	NR	0	0	0	NR	NR	NR
<b>Software used to control the signals agency operates</b>								
Date of last upgrade to traffic signal control system software?	August 14, 1997		8/99		NR		April 1999	
How often do you update signal timing?	as requested by econolite		6months-1 year		NR		NR	
Software used and number of signalized intersections under control (1999, 2005)	ECONOLITE ZONE MONITOR IV v.3.2, 58, 65		EAGLE MARC, 10, 40		NR		MARC NX, 3, NR ARIES, 7, NR	
<b>Controllers used to control signals</b>								
NEMA	102	112	45	65	0	0	20	NR
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
<b>Technologies Associated with Highway-Rail Intersections</b>								
Total number of highway-rail intersections under electronic surveillance	NR	NR	NR	NR	3	NR	NR	NR

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Joliet City		Kane County		Lake County -Illinois		McHenry County	
	1999	2005	1999	2005	1999	2005	1999	2005
<b><i>Highway-Rail intersection capabilities</i></b>								
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
<b>Real-Time Electronic Traffic Data Collection Technologies</b>								
Total number of signalized intersections covered by electronic surveillance	102	112	0	13	NR	NR	6	13
<b><i>Number of signalized intersections with data collection technologies</i></b>								
Loop detectors	102	112	NR	10	0	0	6	13
Video detection cameras	0	0	NR	3	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
<b>Roadside Technologies used to Distribute Traveler Information</b>								
<b><i>Number deployed</i></b>								
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
<b><i>Miles covered</i></b>								
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								
<b>Variable Message Signs (VMS) on Arterials</b>								
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
<b>Communication Technologies</b>								
<b><i>Signalized intersections communicated with by each type of communication</i></b>								
Twisted pair cable	5	5	10	0	0	0	0	0
Coaxial cable	0	0	0	0	0	0	0	0
Fiber-optic cable	53	NR	10	40	0	0	6	13
Other (e.g., wireless, dial-up modems, leased lines, etc.)	8	10	1	3	0	0	5	0
<b>Does agency convey information on highway-rail intersection crossing status to travelers via roadside media such as VMS or HAR?</b>								
	No		No		No		No	
<b>ITS Standards Used Related to Traffic Signal Control</b>								
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	
Would agency be willing to participate in testing of ITS Standards?	NR		Yes		NR		Yes	

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Joliet City		Kane County		Lake County -Illinois		McHenry County	
	1999	2005	1999	2005	1999	2005	1999	2005
<b>Have agreements in place with other agencies to use similar hardware and software to aid maintenance and interoperability?</b>	No		Yes		NR		No	
<b>INCIDENT MANAGEMENT ON ARTERIAL STREETS</b>								
<b>Receive information on highway-rail intersection crossing blockages for the purpose of managing incident response?</b>	No		No		No		No	
<b>Use of Service Patrols to Assist in Detection and Response to Incidents</b>								
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
<b>Miles Covered by Methods to Detect and Verify Incidents</b>								
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	2	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
<b>Procedures in place for Arterial Incident Response?</b>								
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	
<b>Methods of Communication Used On-Site at an Incident</b>								
<u>Police</u>								
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	
<u>Fire</u>								
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	
<u>DOT</u>								
Two-way radio	No		No		No		No	
800 MHz trunked radio	No		No		No		No	
Cellular telephone	No		No		No		No	

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Joliet City		Kane County		Lake County -Illinois		McHenry County	
	1999	2005	1999	2005	1999	2005	1999	2005
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	
<u>Towing</u>								
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	
<b>Which police agencies typically respond to incidents on arterials?</b>								
State Police	No		No		No		No	
County Police or Sheriff	No		No		No		No	
City Police	No		No		No		No	
<b>Who provides on-site emergency medical response?</b>								
Fire	No		No		No		No	
Emergency Management Service Agency	No		No		No		No	
Private hospital	No		No		No		No	
<b>Has a multi-agency contact list been developed in area containing the names, phone numbers, etc. for the appropriate response personnel?</b>	NR		NR		NR		NR	
<b>Is the Incident Command System used to manage incident scenes?</b>	NR		NR		NR		NR	
<b>Is there a legal specification by state law or formal agreement as to who is "in charge" at the incident scene?</b>								
Specified by state law?	No		No		No		No	
Formal agreement?	No		No		No		No	
Not specified or don't know?	No		No		No		No	
<b>On-scene command post used to manage activities of responding agencies?</b>	NR		NR		NR		NR	
Are there communication linkages to a communications traffic/freeway mgt center?	NR		NR		NR		NR	
<b>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?</b>	NR		NR		NR		NR	
<b>Respondents protected through law or court opinion for liability claims for damages to vehicles or cargoes during clearance activities?</b>	NR		NR		NR		NR	
<b>Are overturned tank trucks, which are intact and not leaking, uprighted without first off-loading?</b>	NR		NR		NR		NR	
<b>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?</b>	NR		NR		NR		NR	
<b>Have laws or policies regarding the removal of stalled/abandoned vehicles from freeway shoulders?</b>	NR		NR		NR		NR	
<b>Hours abandoned vehicles are allowed to remain on a freeway shoulder?</b>	NR		NR		NR		NR	
<b>Have policies or procedures for quick removal of vehicles?</b>	NR		NR		NR		NR	

Arterial Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Joliet City		Kane County		Lake County -Illinois		McHenry County	
	1999	2005	1999	2005	1999	2005	1999	2005
<b>Is Total Station equipment used to investigate major incidents?</b>	NR		NR		NR		NR	
<b>Handling of Towing Responses to Incidents</b>								
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	
<b>In towing qualifications, do you require towers to be certified under the</b>								
<b>Towing and Recovery Ass. of America's National Drivers Cert. Program?</b>	NR		NR		NR		NR	
DK: Don't know								
NR: No Response								
Leg: Legislation or action being planned								

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Mount Prospect		Oak Lawn Village		Oak Park Village		Porter County	
	1999	2005	1999	2005	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes		Yes		Yes	
<b>ARTERIAL MANAGEMENT SECTION</b>								
Number of arterial miles that agency owns or maintains	10		NR		112		18	
Number of arterial miles that is used for planning	0		NR		112		0	
Number of highway-rail intersections that agency maintains	1		4		0		80	
Number of highway-rail intersections that is used for planning	0		NR		0		0	
<b>Type of facilities used to conduct arterial management activities</b>								
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		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	
<b>Staffing and hours of operation of arterial management activities</b>								
Number of full-time agency staff members	1		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		Yes		Yes	
Agency staff dedicated to transportation management duty	No		No		No		No	
<b>Types of operations conducted for arterial management</b>								
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		Yes	
Radio communications with other agencies?	No		No		Yes		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		No		No	
Operating transportation mgt roadside devices (e.g., VMS, CCTV, etc.)	No		No		Yes		No	

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Mount Prospect		Oak Lawn Village		Oak Park Village		Porter County	
	1999	2005	1999	2005	1999	2005	1999	2005
<b>Describe agency's role in traffic signal control</b>	Maintain traffic signals on various state, county and local routes.		NR		operate all traffic signals on all roads in our own town.		All roads in incorporated area except state routes	
<b>Traffic Signals Operated by Agency</b>								
Number of signalized intersections operated and owned by agency	1	0	NR	NR	33	36	1	1
Number of signalized intersections operated by agency but owned by another	15	0	NR	NR	NR	NR	0	0
Total number of signalized intersections operated by agency	16	0	7	8	33	36	1	1
<i>Characteristics of signalized intersections that agency operates</i>								
Under closed loop or central system control	3	0	7	8	11	22	1	1
Under real-time traffic adaptive control using advanced software	0	0	0	0	0	10	0	0
Using SCOOT	No		No		No		No	
Using SCATS	No		No		No		No	
Name of software	NR		NR		NR		NR	
Allow signal preemption for emergency vehicles	15	0	0	5	0	10	0	0
Allow signal priority for transit vehicles	0	0	0	0	1	NR	0	0
Within 200 feet of a highway-rail intersection	4	0	1	1	0	0	0	0
Within 200 feet of a highway-rail intersection that adjust signal timing	4	0	1	1	0	0	0	0
<b>Software used to control the signals agency operates</b>								
Date of last upgrade to traffic signal control system software?	NR		NR		1998		no updates	
How often do you update signal timing?	NR		NR		2 years or when needed		traffic actuated	
Software used and number of signalized intersections under control (1999, 2005)	NR		NR		Zone Master, 34, 36		NR	
<b>Controllers used to control signals</b>								
NEMA	16	0	0	0	34	36	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	1	1
<b>Technologies Associated with Highway-Rail Intersections</b>								
Total number of highway-rail intersections under electronic surveillance	NR	NR	NR	NR	NR	NR	NR	NR

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Mount Prospect		Oak Lawn Village		Oak Park Village		Porter County	
	1999	2005	1999	2005	1999	2005	1999	2005
<b><i>Highway-Rail intersection capabilities</i></b>								
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
<b>Real-Time Electronic Traffic Data Collection Technologies</b>								
Total number of signalized intersections covered by electronic surveillance	NR	NR	NR	NR	20	36	NR	NR
<b><i>Number of signalized intersections with data collection technologies</i></b>								
Loop detectors	0	0	0	0	20	36	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
<b>Roadside Technologies used to Distribute Traveler Information</b>								
<b><i>Number deployed</i></b>								
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
<b><i>Miles covered</i></b>								
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								
<b>Variable Message Signs (VMS) on Arterials</b>								
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
<b>Communication Technologies</b>								
<b><i>Signalized intersections communicated with by each type of communication</i></b>								
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	11	NR	0	0
Other (e.g., wireless, dial-up modems, leased lines, etc.)	0	0	0	0	11	22	0	0
<b>Does agency convey information on highway-rail intersection crossing status to travelers via roadside media such as VMS or HAR?</b>								
	No		No		No		No	
<b>ITS Standards Used Related to Traffic Signal Control</b>								
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	
Would agency be willing to participate in testing of ITS Standards?	No		NR		Yes		No	

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Mount Prospect		Oak Lawn Village		Oak Park Village		Porter County	
	1999	2005	1999	2005	1999	2005	1999	2005
<b>Have agreements in place with other agencies to use similar hardware and software to aid maintenance and interoperability?</b>	No		NR		No		No	
<b>INCIDENT MANAGEMENT ON ARTERIAL STREETS</b>								
<b>Receive information on highway-rail intersection crossing blockages for the purpose of managing incident response?</b>	No		No		No		No	
<b>Use of Service Patrols to Assist in Detection and Response to Incidents</b>								
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
<b>Miles Covered by Methods to Detect and Verify Incidents</b>								
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	112	112	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
<b>Procedures in place for Arterial Incident Response?</b>								
Working agreement(s)/arrangement(s) with other agencies	No		No		Yes		No	
Inter-agency incident management admin. team that meets regularly	No		No		Yes		No	
Major incident response team that responds to major incidents	No		No		Yes		No	
Set of goals/objectives for incident mgt that has been adopted by agencies in region	No		No		No		No	
<b>Methods of Communication Used On-Site at an Incident</b>								
<u>Police</u>								
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	
<u>Fire</u>								
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	
<u>DOT</u>								
Two-way radio	No		No		No		No	
800 MHz trunked radio	No		No		No		No	
Cellular telephone	No		No		No		No	

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Mount Prospect		Oak Lawn Village		Oak Park Village		Porter County	
	1999	2005	1999	2005	1999	2005	1999	2005
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	
<u>Towing</u>								
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	
<b>Which police agencies typically respond to incidents on arterials?</b>								
State Police	No		No		No		No	
County Police or Sheriff	No		No		No		No	
City Police	No		No		Yes		No	
<b>Who provides on-site emergency medical response?</b>								
Fire	No		No		Yes		No	
Emergency Management Service Agency	No		No		No		No	
Private hospital	No		No		No		No	
<b>Has a multi-agency contact list been developed in area containing the names, phone numbers, etc. for the appropriate response personnel?</b>	NR		NR		DK		NR	
<b>Is the Incident Command System used to manage incident scenes?</b>	NR		NR		DK		NR	
<b>Is there a legal specification by state law or formal agreement as to who is "in charge" at the incident scene?</b>								
Specified by state law?	No		No		No		No	
Formal agreement?	No		No		No		No	
Not specified or don't know?	No		No		Yes		No	
<b>On-scene command post used to manage activities of responding agencies?</b>	NR		NR		No		NR	
Are there communication linkages to a communications traffic/freeway mgt center?	NR		NR		NR		NR	
<b>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?</b>	NR		NR		DK		NR	
<b>Respondents protected through law or court opinion for liability claims for damages to vehicles or cargoes during clearance activities?</b>	NR		NR		DK		NR	
<b>Are overturned tank trucks, which are intact and not leaking, uprighted without first off-loading?</b>	NR		NR		NR		NR	
<b>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?</b>	NR		NR		No		NR	
<b>Have laws or policies regarding the removal of stalled/abandoned vehicles from freeway shoulders?</b>	NR		NR		No		NR	
<b>Hours abandoned vehicles are allowed to remain on a freeway shoulder?</b>	NR		NR		DK		NR	
<b>Have policies or procedures for quick removal of vehicles?</b>	NR		NR		Yes		NR	

Arterial Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Mount Prospect		Oak Lawn Village		Oak Park Village		Porter County	
	1999	2005	1999	2005	1999	2005	1999	2005
<b>Is Total Station equipment used to investigate major incidents?</b>	NR		NR		DK		NR	
<b>Handling of Towing Responses to Incidents</b>								
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	
<b>In towing qualifications, do you require towers to be certified under the</b>								
<b>Towing and Recovery Ass. of America's National Drivers Cert. Program?</b>	NR		NR		DK		NR	
DK: Don't know								
NR: No Response								
Leg: Legislation or action being planned								

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Schaumburg Village		Skokie Village		Waukegan City		Wheaton City	
	1999	2005	1999	2005	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes		Yes		Yes	
<b>ARTERIAL MANAGEMENT SECTION</b>								
Number of arterial miles that agency owns or maintains	2		5		NR		0	
Number of arterial miles that is used for planning	0		39		0		0	
Number of highway-rail intersections that agency maintains	0		0		2		0	
Number of highway-rail intersections that is used for planning	0		4		0		0	
<b>Type of facilities used to conduct arterial management activities</b>								
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	
<b>Staffing and hours of operation of arterial management activities</b>								
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		Yes		No	
Agency staff dedicated to transportation management duty	No		No		No		No	
<b>Types of operations conducted for arterial management</b>								
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		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	

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Schaumburg Village		Skokie Village		Waukegan City		Wheaton City	
	1999	2005	1999	2005	1999	2005	1999	2005
<b>Describe agency's role in traffic signal control</b>	All roads in incorporated area except state and county routes		The maintenance of signals through an agreement (master plan) maintaining signals on a combination of state, county, and village roads.		All roads in incorporated area except state and county routes		All roads in incorporated area except state and county routes	
<b>Traffic Signals Operated by Agency</b>								
Number of signalized intersections operated and owned by agency	10	12	12	NR	25	NR	11	NR
Number of signalized intersections operated by agency but owned by another	NR	NR	0	NR	0	NR	0	NR
Total number of signalized intersections operated by agency	10	12	12	NR	25	NR	11	NR
<i>Characteristics of signalized intersections that agency operates</i>								
Under closed loop or central system control	7	NR	3	NR	4	NR	0	0
Under real-time traffic adaptive control using advanced software	0	NR	0	NR	0	NR	0	0
Using SCOOT	No		No		No		No	
Using SCATS	No		No		No		No	
Name of software	NR		NR		NR		NR	
Allow signal preemption for emergency vehicles	10	NR	1	NR	25	NR	2	0
Allow signal priority for transit vehicles	0	NR	0	NR	0	NR	0	0
Within 200 feet of a highway-rail intersection	0	NR	1	NR	0	NR	0	0
Within 200 feet of a highway-rail intersection that adjust signal timing	0	NR	0	NR	0	NR	0	0
<b>Software used to control the signals agency operates</b>								
Date of last upgrade to traffic signal control system software?	NR		NR		none		2/95	
How often do you update signal timing?	NR		upon demand		NR		3 years	
Software used and number of signalized intersections under control (1999, 2005)	ECONOLITE ZONE MONITOR IV, 7, NR		NR		NR		Misc. Pretimed, 3, 0 Multisonics - 820, 1, 0 ECONOLITE - KMC 8000 Software, 2, 0 ECONOLITE - KFT Software, 0, 0 MARC PC-3.12j and later, 4, 16	
<b>Controllers used to control signals</b>								
NEMA	10	12	12	NR	0	0	11	16
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
<b>Technologies Associated with Highway-Rail Intersections</b>								
Total number of highway-rail intersections under electronic surveillance	NR	NR	NR	NR	NR	NR	NR	NR

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Schaumburg Village		Skokie Village		Waukegan City		Wheaton City	
	1999	2005	1999	2005	1999	2005	1999	2005
<b><i>Highway-Rail intersection capabilities</i></b>								
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	2	2
Equipped with electronic traffic violator devices	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
<b>Real-Time Electronic Traffic Data Collection Technologies</b>								
Total number of signalized intersections covered by electronic surveillance	NR	NR	NR	NR	NR	NR	6	11
<b><i>Number of signalized intersections with data collection technologies</i></b>								
Loop detectors	0	0	0	0	0	0	6	11
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
<b>Roadside Technologies used to Distribute Traveler Information</b>								
<b><i>Number deployed</i></b>								
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
<b><i>Miles covered</i></b>								
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								
<b>Variable Message Signs (VMS) on Arterials</b>								
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
<b>Communication Technologies</b>								
<b><i>Signalized intersections communicated with by each type of communication</i></b>								
Twisted pair cable	0	0	3	NR	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.)	7	7	3	0	0	0	0	0
<b>Does agency convey information on highway-rail intersection crossing status to travelers via roadside media such as VMS or HAR?</b>								
	No		No		No		No	
<b>ITS Standards Used Related to Traffic Signal Control</b>								
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	
Would agency be willing to participate in testing of ITS Standards?	Yes		No		No		No	

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Schaumburg Village		Skokie Village		Waukegan City		Wheaton City	
	1999	2005	1999	2005	1999	2005	1999	2005
<b>Have agreements in place with other agencies to use similar hardware and software to aid maintenance and interoperability?</b>	No		No		NR		No	
<b>INCIDENT MANAGEMENT ON ARTERIAL STREETS</b>								
<b>Receive information on highway-rail intersection crossing blockages for the purpose of managing incident response?</b>	No		No		No		No	
<b>Use of Service Patrols to Assist in Detection and Response to Incidents</b>								
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
<b>Miles Covered by Methods to Detect and Verify Incidents</b>								
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
<b>Procedures in place for Arterial Incident Response?</b>								
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	Yes		No		No		No	
Set of goals/objectives for incident mgt that has been adopted by agencies in region	No		No		No		No	
<b>Methods of Communication Used On-Site at an Incident</b>								
<u>Police</u>								
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)	No		No		No		No	
Automated data systems (i.e., CAD)	No		No		No		No	
Other	Yes		No		No		No	
<u>Fire</u>								
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)	No		No		No		No	
Automated data systems (i.e., CAD)	No		No		No		No	
Other	Yes		No		No		No	
<u>DOT</u>								
Two-way radio	No		No		No		No	
800 MHz trunked radio	No		No		No		No	
Cellular telephone	No		No		No		No	

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Schaumburg Village		Skokie Village		Waukegan City		Wheaton City	
	1999	2005	1999	2005	1999	2005	1999	2005
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	
<u>Towing</u>								
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	
<b>Which police agencies typically respond to incidents on arterials?</b>								
State Police	No		No		No		No	
County Police or Sheriff	No		No		No		No	
City Police	Yes		No		No		No	
<b>Who provides on-site emergency medical response?</b>								
Fire	Yes		No		No		No	
Emergency Management Service Agency	No		No		No		No	
Private hospital	No		No		No		No	
<b>Has a multi-agency contact list been developed in area containing the names, phone numbers, etc. for the appropriate response personnel?</b>	DK		NR		NR		NR	
<b>Is the Incident Command System used to manage incident scenes?</b>	DK		NR		NR		NR	
<b>Is there a legal specification by state law or formal agreement as to who is "in charge" at the incident scene?</b>								
Specified by state law?	No		No		No		No	
Formal agreement?	No		No		No		No	
Not specified or don't know?	Yes		No		No		No	
<b>On-scene command post used to manage activities of responding agencies?</b>	DK		NR		NR		NR	
Are there communication linkages to a communications traffic/freeway mgt center?	NR		NR		NR		NR	
<b>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?</b>	DK		NR		NR		NR	
<b>Respondents protected through law or court opinion for liability claims for damages to vehicles or cargoes during clearance activities?</b>	DK		NR		NR		NR	
<b>Are overturned tank trucks, which are intact and not leaking, uprighted without first off-loading?</b>	Yes		NR		NR		NR	
<b>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?</b>	Yes		NR		NR		NR	
<b>Have laws or policies regarding the removal of stalled/abandoned vehicles from freeway shoulders?</b>	No		NR		NR		NR	
<b>Hours abandoned vehicles are allowed to remain on a freeway shoulder?</b>	NR		NR		NR		NR	
<b>Have policies or procedures for quick removal of vehicles?</b>	No		NR		NR		NR	

Arterial Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Schaumburg Village		Skokie Village		Waukegan City		Wheaton City	
	1999	2005	1999	2005	1999	2005	1999	2005
<b>Is Total Station equipment used to investigate major incidents?</b>	DK		NR		NR		NR	
<b>Handling of Towing Responses to Incidents</b>								
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?	NR		NR		NR		NR	
Rotation list with minimal qualifications?	No		No		No		No	
<b>In towing qualifications, do you require towers to be certified under the</b>								
<b>Towing and Recovery Ass. of America's National Drivers Cert. Program?</b>	DK		NR		NR		NR	
DK: Don't know								
NR: No Response								
Leg: Legislation or action being planned								

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Will County		Totals	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		21	
<b>ARTERIAL MANAGEMENT SECTION</b>				
Number of arterial miles that agency owns or maintains	279		1592	
Number of arterial miles that is used for planning	279		1264	
Number of highway-rail intersections that agency maintains	33		706	
Number of highway-rail intersections that is used for planning	15		74	
<b>Type of facilities used to conduct arterial management activities</b>				
Activities housed in a free-standing dedicated building?	No		1	
Activities housed in a building shared with other activities?	Yes		6	
Activities conducted in a dedicated control room?	No		0	
Control room contains operator console(s)?	No		0	
Control room contains electronic wall map?	No		0	
Control room contains CCTV display(s)?	No		0	
Activities conducted in a room containing workstations or PCs that manage traffic?	No		6	
Facilities are electronically linked to other transportation mgt facilities?	No		1	
<b>Staffing and hours of operation of arterial management activities</b>				
Number of full-time agency staff members	NR		8	
Number of full time contractor staff members	NR		4	
Number of part-time agency staff members	2		3	
Number of part-time contractor staff members	NR		0	
Staffed 24 hours day by agency staff or by others	NR			
Staffed during peak hours only by agency staff or by others	NR			
Staffed by others during off-peak hours	No		1	
Agency staff perform transportation management as an ancillary duty	Yes		8	
Agency staff dedicated to transportation management duty	No		0	
<b>Types of operations conducted for arterial management</b>				
Incident detection and management?	Yes		1	
This metropolitan area?	No		1	
Other metropolitan area?	No		0	
Monitoring and troubleshooting status of system components?	No		7	
Radio communications with other agencies?	Yes		3	
Exchange of electronic data with other agencies such as computer aided dispatch?	No		1	
Manual override of traffic signal timing plans	Yes		2	
Operating transportation mgt roadside devices (e.g., VMS, CCTV, etc.)	Yes		2	

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Will County		Totals	
	1999	2005	1999	2005
<b>Describe agency's role in traffic signal control</b>	All roads in county			
<b>Traffic Signals Operated by Agency</b>				
Number of signalized intersections operated and owned by agency	14	25	788	323
Number of signalized intersections operated by agency but owned by another	5	10	134	80
Total number of signalized intersections operated by agency	19	35	4215	974
<i>Characteristics of signalized intersections that agency operates</i>				
Under closed loop or central system control	18	35	750	877
Under real-time traffic adaptive control using advanced software	0	0	0	65
Using SCOOT	No		0	
Using SCATS	No		0	
Name of software	NR			
Allow signal preemption for emergency vehicles	NR	NR	483	391
Allow signal priority for transit vehicles	0	0	4	6
Within 200 feet of a highway-rail intersection	0	0	60	41
Within 200 feet of a highway-rail intersection that adjust signal timing	0	0	52	43
<b>Software used to control the signals agency operates</b>				
Date of last upgrade to traffic signal control system software?	as needed			
How often do you update signal timing?	as needed			
Software used and number of signalized intersections under control (1999, 2005)	NR			
<b>Controllers used to control signals</b>				
NEMA	19	35	612	276
170/179	0	0	0	0
2070 controller	0	0	0	0
Other	0	0	114	1
<b>Technologies Associated with Highway-Rail Intersections</b>				
Total number of highway-rail intersections under electronic surveillance	NR	NR	10	5

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Will County		Totals	
	1999	2005	1999	2005
<b><i>Highway-Rail intersection capabilities</i></b>				
Video surveillance	0	0	0	0
Electronic surveillance other than video	0	0	2	0
Ability to predict train arrival electronically	0	0	4	2
Equipped with electronic traffic violator devices	0	0	0	0
Other	0	0	0	0
<b>Real-Time Electronic Traffic Data Collection Technologies</b>				
Total number of signalized intersections covered by electronic surveillance	NR	NR	134	185
<b><i>Number of signalized intersections with data collection technologies</i></b>				
Loop detectors	0	0	134	182
Video detection cameras	0	0	0	3
Probe readers reading toll tags	0	0	0	0
Probe readers reading license plates	0	0	0	0
Other	0	0	0	0
<b>Roadside Technologies used to Distribute Traveler Information</b>				
<b><i>Number deployed</i></b>				
Highway Advisory Radio	NR	NR	0	0
In-Vehicle Signing (IVS)	NR	NR	0	0
VMS controlling parking access	NR	NR	0	0
<b><i>Miles covered</i></b>				
Highway Advisory Radio	NR	NR	18	33
In-Vehicle Signing (IVS)	NR	NR	18	18
VMS controlling parking access				
<b>Variable Message Signs (VMS) on Arterials</b>				
Candidate locations for deployment of VMS where VMS has been deployed	NR	NR	2	3
Candidate locations for deployment of VMS	NR	NR	2	3
<b>Communication Technologies</b>				
<b><i>Signalized intersections communicated with by each type of communication</i></b>				
Twisted pair cable	0	0	74	5
Coaxial cable	5	NR	5	0
Fiber-optic cable	0	0	160	53
Other (e.g., wireless, dial-up modems, leased lines, etc.)	0	0	47	42
<b>Does agency convey information on highway-rail intersection crossing status to travelers via roadside media such as VMS or HAR?</b>				
	No		0	
<b>ITS Standards Used Related to Traffic Signal Control</b>				
Advanced Transportation Controller (ATC) Software Application Interface (ITE 9603-1)	No		0	
ATC Physical Cabinet Functional Design (ITE-9603-2)	No		0	
ATC Functionality and Interface Definitions (ITE-9603-3)	No		0	
Natl. Trans. Communications for ITS Protocol (NTCIP) Class B Profile (AASHTO TS 3.3)	No		0	
NTCIP Data Collection and Monitoring Devices (AASHTO TS 3.DCM)	No		0	
NTCIP Object Definitions for Video Camera Control (AASHTO TS 3.VCC)	No		0	
NTCIP Object Definitions for Actuated Traffic Signal Controller Units (AASHTO TS 3.5)	No		0	
Would agency be willing to participate in testing of ITS Standards?	Yes		5	

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Will County		Totals	
	1999	2005	1999	2005
<b>Have agreements in place with other agencies to use similar hardware and software to aid maintenance and interoperability?</b>	Yes		4	
<b>INCIDENT MANAGEMENT ON ARTERIAL STREETS</b>				
<b>Receive information on highway-rail intersection crossing blockages for the purpose of managing incident response?</b>	No		0	
<b>Use of Service Patrols to Assist in Detection and Response to Incidents</b>				
Publicly operated service patrol vehicles	No		0	
Privately operated service patrol vehicles operated under public contract	No		0	
Total number of arterial miles patrolled by these services	NR	NR	0	0
<b>Miles Covered by Methods to Detect and Verify Incidents</b>				
Free cellular phone call to a dedicated phone number other than 911	0	0	50	0
Free cellular phone call to an area radio station	0	0	0	0
Police patrols	0	0	369	369
Computer algorithms linked to traffic surveillance equipment	0	0	0	0
CCTV	0	0	4	10
Private sector sources (e.g., Shadow Traffic, Smart Routes)	0	0	0	0
Other	0	0	0	0
<b>Procedures in place for Arterial Incident Response?</b>				
Working agreement(s)/arrangement(s) with other agencies	No		1	
Inter-agency incident management admin. team that meets regularly	No		1	
Major incident response team that responds to major incidents	No		3	
Set of goals/objectives for incident mgt that has been adopted by agencies in region	No		1	
<b>Methods of Communication Used On-Site at an Incident</b>				
<u>Police</u>				
Two-way radio	No		2	
800 MHz trunked radio	No		1	
Cellular telephone	No		1	
Hand-held (i.e., walkie-talkie)	No		0	
Automated data systems (i.e., CAD)	No		0	
Other	No		1	
<u>Fire</u>				
Two-way radio	No		2	
800 MHz trunked radio	No		1	
Cellular telephone	No		0	
Hand-held (i.e., walkie-talkie)	No		0	
Automated data systems (i.e., CAD)	No		0	
Other	No		1	
<u>DOT</u>				
Two-way radio	No		0	
800 MHz trunked radio	No		0	
Cellular telephone	No		0	

Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Will County		Totals	
	1999	2005	1999	2005
Hand-held (i.e., walkie-talkie)	No		0	
Automated data systems (i.e., CAD)	No		0	
Other	No		0	
<u>Towing</u>				
Two-way radio	No		0	
800 MHz trunked radio	No		0	
Cellular telephone	No		0	
Hand-held (i.e., walkie-talkie)	No		0	
Automated data systems (i.e., CAD)	No		0	
Other	No		0	
<b>Which police agencies typically respond to incidents on arterials?</b>				
State Police	No		0	
County Police or Sheriff	No		0	
City Police	No		3	
<b>Who provides on-site emergency medical response?</b>				
Fire	No		3	
Emergency Management Service Agency	No		1	
Private hospital	No		0	
<b>Has a multi-agency contact list been developed in area containing the names, phone numbers, etc. for the appropriate response personnel?</b>	NR		0	
<b>Is the Incident Command System used to manage incident scenes?</b>	NR		0	
<b>Is there a legal specification by state law or formal agreement as to who is "in charge" at the incident scene?</b>				
Specified by state law?	No		0	
Formal agreement?	No		0	
Not specified or don't know?	No		3	
<b>On-scene command post used to manage activities of responding agencies?</b>	NR		0	
Are there communication linkages to a communications traffic/freeway mgt center?	NR		0	
<b>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?</b>	NR		0	
<b>Respondents protected through law or court opinion for liability claims for damages to vehicles or cargoes during clearance activities?</b>	NR		0	
<b>Are overturned tank trucks, which are intact and not leaking, uprighted without first off-loading?</b>	NR		1	
<b>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?</b>	NR		1	
<b>Have laws or policies regarding the removal of stalled/abandoned vehicles from freeway shoulders?</b>	NR		0	
<b>Hours abandoned vehicles are allowed to remain on a freeway shoulder?</b>	NR		0	
<b>Have policies or procedures for quick removal of vehicles?</b>	NR		2	

Arterial Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Will County		Totals	
	1999	2005	1999	2005
<b>Is Total Station equipment used to investigate major incidents?</b>	NR		0	
<b>Handling of Towing Responses to Incidents</b>				
Formal contract based on qualifications?	No		2	
Rotation with companies under contract?	No		1	
Separate lists kept for light and heavy response and for specialty recovery?	NR		0	
Rotation list with minimal qualifications?	No		0	
<b>In towing qualifications, do you require towers to be certified under the</b>				
<b>Towing and Recovery Ass. of America's National Drivers Cert. Program?</b>	NR		0	
DK: Don't know				
NR: No Response				
Leg: Legislation or action being planned				

**Appendix G**  
**Arterial Management Integration**

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Arlington Heights Village		Aurora City	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Arterial Management Section</b>				
<b><u>Arterial Mgt. agencies in metropolitan area with which you share info.</u></b>				
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
<b>Agencies your agency provides arterial travel times, speeds, and conditions information, share infrastructure or coordinates operation</b>				
<b><i>Freeway Management Agencies</i></b>				
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
<b><i>Incident Management Agencies</i></b>				
Provide Information	None listed	None listed	None listed	None listed
Share Infrastructure	None listed	None listed	None listed	None listed

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Arlington Heights Village		Aurora City	
	1999	2005	1999	2005
Coordinate Operation	None listed	None listed	None listed	None listed
<b>Public Transit Operators Agencies</b>				
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
<b>Arterial Management Agencies</b>				
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
<b>Receiving real-time information via electronic means from others</b>				
<b>Freeway Management agencies from which your agency receives</b>				
<i>freeway travel times, speeds, and conditions</i>	None listed	None listed	None listed	None listed
<b>Public Transit operators from which your agency receives</b>				
<i>arterial travel times derived from vehicle probes</i>	None listed	None listed	None listed	None listed
<b>Incident Management agencies from which your agency receives</b>				
<i>incident clearance and/or incident severity, location, and type information</i>				
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
<b>Toll Collection agencies from which your agency receives arterial travel</b>				
<i>times derived from vehicles probes</i>	None listed	None listed	None listed	None listed

Arterial Management Integration  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Arlington Heights Village		Aurora City	
	1999	2005	1999	2005
<b>Arterial Incident Management Section</b>				
<b>Agencies your agency provides incident severity, location, and type info.</b>				
<b><u>and/or shares infrastructure and/or coordinates operation</u></b>				
<b><i>Emergency Management Agencies</i></b>				
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
<b><i>Freeway Management Agencies</i></b>				
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
<b><i>Public Transit Operators</i></b>				
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
<b><u>Receiving real-time information via electronic means from others</u></b>				
<b><i>Emergency Management agencies from which your agency receives arterial incident clearance and/or arterial incident severity</i></b>				

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Arlington Heights Village		Aurora City	
	1999	2005	1999	2005
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
<b><i>Arterial Management agencies from which your agency receives</i></b>				
<b><i>arterial travel times, speeds, and conditions</i></b>	None listed	None listed	None listed	None listed
<b><i>Freeway Management agencies from which your agency receives</i></b>				
<b><i>freeway travel times, speeds, and conditions</i></b>	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.

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Chicago City		Cook County	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Arterial Management Section</b>				
<b><u>Arterial Mgt. agencies in metropolitan area with which you share info.</u></b>				
Share Timing Plans Information	None listed	None listed	short survey	None listed
Coordinate Changes to Timing Plans	short survey	None listed	short survey	None listed
Turn over Control of Signals	short survey	None listed	None listed	None listed
<b>Agencies your agency provides arterial travel times, speeds, and conditions information, share infrastructure or coordinates operation</b>				
<b><i>Freeway Management Agencies</i></b>				
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
<b><i>Incident Management Agencies</i></b>				
Provide Information	short survey	None listed	None listed	None listed
Share Infrastructure	None listed	None listed	None listed	None listed

Arterial Management Integration  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Chicago City		Cook County	
	1999	2005	1999	2005
Coordinate Operation	None listed	None listed	None listed	None listed
<b>Public Transit Operators Agencies</b>				
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
<b>Arterial Management Agencies</b>				
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
<b>Receiving real-time information via electronic means from others</b>				
<b>Freeway Management agencies from which your agency receives</b>				
<i>freeway travel times, speeds, and conditions</i>	short survey	None listed	None listed	None listed
<b>Public Transit operators from which your agency receives</b>				
<i>arterial travel times derived from vehicle probes</i>	short survey	None listed	None listed	None listed
<b>Incident Management agencies from which your agency receives</b>				
<i>incident clearance and/or incident severity, location, and type information</i>				
Receive information on Incident Clearance	short survey	None listed	None listed	None listed
Receive information on Incident Severity, Location, and Type	short survey	None listed	None listed	None listed
<b>Toll Collection agencies from which your agency receives arterial travel</b>				
<i>times derived from vehicles probes</i>	None listed	None listed	None listed	None listed

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Chicago City		Cook County	
	1999	2005	1999	2005
<b>Arterial Incident Management Section</b>				
<b>Agencies your agency provides incident severity, location, and type info. and/or shares infrastructure and/or coordinates operation</b>				
<b><i>Emergency Management Agencies</i></b>				
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
<b><i>Freeway Management Agencies</i></b>				
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
<b><i>Public Transit Operators</i></b>				
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
<b><u>Receiving real-time information via electronic means from others</u></b>				
<b><i>Emergency Management agencies from which your agency receives arterial incident clearance and/or arterial incident severity</i></b>				

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Chicago City		Cook County	
	1999	2005	1999	2005
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
<b><i>Arterial Management agencies from which your agency receives</i></b>				
<b><i>arterial travel times, speeds, and conditions</i></b>	None listed	None listed	None listed	None listed
<b><i>Freeway Management agencies from which your agency receives</i></b>				
<b><i>freeway travel times, speeds, and conditions</i></b>	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.

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	DuPage County		Evanston City	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Arterial Management Section</b>				
<b><u>Arterial Mgt. agencies in metropolitan area with which you share info.</u></b>				
Share Timing Plans Information	Illinois Department of Transportation, Naperville City	Naperville City	None listed	None listed
Coordinate Changes to Timing Plans	Illinois Department of Transportation, Naperville City	Illinois Department of Transportation, Naperville City	None listed	None listed
Turn over Control of Signals	None listed	None listed	None listed	None listed
<b>Agencies your agency provides arterial travel times, speeds, and conditions information, share infrastructure or coordinates operation</b>				
<b><i>Freeway Management Agencies</i></b>				
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
<b><i>Incident Management Agencies</i></b>				
Provide Information	None listed	None listed	None listed	None listed
Share Infrastructure	None listed	None listed	None listed	None listed

Arterial Management Integration  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	DuPage County		Evanston City	
	1999	2005	1999	2005
Coordinate Operation	None listed	None listed	None listed	None listed
<b>Public Transit Operators Agencies</b>				
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
<b>Arterial Management Agencies</b>				
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
<b>Receiving real-time information via electronic means from others</b>				
<b>Freeway Management agencies from which your agency receives</b>				
<b>freeway travel times, speeds, and conditions</b>	None listed	None listed	None listed	None listed
<b>Public Transit operators from which your agency receives</b>				
<b>arterial travel times derived from vehicle probes</b>	None listed	None listed	None listed	None listed
<b>Incident Management agencies from which your agency receives</b>				
<b>incident clearance and/or incident severity, location, and type information</b>				
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
<b>Toll Collection agencies from which your agency receives arterial travel</b>				
<b>times derived from vehicles probes</b>	None listed	None listed	None listed	None listed

Arterial Management Integration  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	DuPage County		Evanston City	
	1999	2005	1999	2005
<b>Arterial Incident Management Section</b>				
<b>Agencies your agency provides incident severity, location, and type info. and/or shares infrastructure and/or coordinates operation</b>				
<b><i>Emergency Management Agencies</i></b>				
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
<b><i>Freeway Management Agencies</i></b>				
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
<b><i>Public Transit Operators</i></b>				
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
<b><u>Receiving real-time information via electronic means from others</u></b>				
<b><i>Emergency Management agencies from which your agency receives arterial incident clearance and/or arterial incident severity</i></b>				

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	DuPage County		Evanston City	
	1999	2005	1999	2005
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
<b><i>Arterial Management agencies from which your agency receives</i></b>				
<b><i>arterial travel times, speeds, and conditions</i></b>	None listed	None listed	None listed	None listed
<b><i>Freeway Management agencies from which your agency receives</i></b>				
<b><i>freeway travel times, speeds, and conditions</i></b>	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.

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Gary City		Hammond City	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Arterial Management Section</b>				
<b><u>Arterial Mgt. agencies in metropolitan area with which you share info.</u></b>				
Share Timing Plans Information	short survey	None listed	Hammond City, Indiana Department of Transportation La Porte District	Indiana Department of Transportation La Porte District
Coordinate Changes to Timing Plans	short survey	None listed	Hammond City, Indiana Department of Transportation La Porte District	Hammond City, Indiana Department of Transportation La Porte District
Turn over Control of Signals	None listed	None listed	None listed	None listed
<b>Agencies your agency provides arterial travel times, speeds, and conditions information, share infrastructure or coordinates operation</b>				
<b><i>Freeway Management Agencies</i></b>				
Provide Information	None listed	None listed	Indiana Department of Transportation La Porte District	Indiana Department of Transportation La Porte District
Share Infrastructure	None listed	None listed	Indiana Department of Transportation La Porte District	Indiana Department of Transportation La Porte District
Coordinate Operation	None listed	None listed	Indiana Department of Transportation La Porte District	Indiana Department of Transportation La Porte District
<b><i>Incident Management Agencies</i></b>				
Provide Information	short survey	None listed	None listed	None listed
Share Infrastructure	None listed	None listed	None listed	None listed

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Gary City		Hammond City	
	1999	2005	1999	2005
Coordinate Operation	None listed	None listed	None listed	None listed
<b>Public Transit Operators Agencies</b>				
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
<b>Arterial Management Agencies</b>				
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
<b>Receiving real-time information via electronic means from others</b>				
<b>Freeway Management agencies from which your agency receives</b>				
<b>freeway travel times, speeds, and conditions</b>	None listed	None listed	None listed	None listed
<b>Public Transit operators from which your agency receives</b>				
<b>arterial travel times derived from vehicle probes</b>	None listed	None listed	None listed	None listed
<b>Incident Management agencies from which your agency receives</b>				
<b>incident clearance and/or incident severity, location, and type information</b>				
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
<b>Toll Collection agencies from which your agency receives arterial travel</b>				
<b>times derived from vehicles probes</b>	None listed	None listed	None listed	None listed

Arterial Management Integration  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Gary City		Hammond City	
	1999	2005	1999	2005
<b>Arterial Incident Management Section</b>				
<b>Agencies your agency provides incident severity, location, and type info. and/or shares infrastructure and/or coordinates operation</b>				
<b><i>Emergency Management Agencies</i></b>				
Provide Information	None listed	None listed	Hammond City Fire Department, Hammond City Police Department, Illinois State Police District Chicago	Hammond City Fire Department, Hammond City Police Department, Illinois State Police District Chicago
Share Infrastructure	None listed	None listed	None listed	None listed
Coordinate Operation	None listed	None listed	Hammond City Fire Department, Hammond City Police Department	Hammond City Fire Department, Hammond City Police Department
<b><i>Freeway Management Agencies</i></b>				
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
<b><i>Public Transit Operators</i></b>				
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
<b><u>Receiving real-time information via electronic means from others</u></b>				
<b><i>Emergency Management agencies from which your agency receives arterial incident clearance and/or arterial incident severity</i></b>				

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Gary City		Hammond City	
	1999	2005	1999	2005
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
<b><i>Arterial Management agencies from which your agency receives</i></b>				
<b><i>arterial travel times, speeds, and conditions</i></b>	None listed	None listed	None listed	None listed
<b><i>Freeway Management agencies from which your agency receives</i></b>				
<b><i>freeway travel times, speeds, and conditions</i></b>	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.

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Joliet City		Kane County	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Arterial Management Section</b>				
<b><u>Arterial Mgt. agencies in metropolitan area with which you share info.</u></b>				
Share Timing Plans Information	Illinois Department of Transportation			
Coordinate Changes to Timing Plans	Illinois Department of Transportation			
Turn over Control of Signals	None listed	None listed	None listed	None listed
<b>Agencies your agency provides arterial travel times, speeds, and conditions information, share infrastructure or coordinates operation</b>				
<b><i>Freeway Management Agencies</i></b>				
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
<b><i>Incident Management Agencies</i></b>				
Provide Information	None listed	None listed	None listed	None listed
Share Infrastructure	None listed	None listed	None listed	None listed

Arterial Management Integration  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Joliet City		Kane County	
	1999	2005	1999	2005
Coordinate Operation	None listed	None listed	None listed	None listed
<b>Public Transit Operators Agencies</b>				
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
<b>Arterial Management Agencies</b>				
Provide Information	Illinois Department of Transportation	Illinois Department of Transportation	None listed	None listed
Share Infrastructure	Illinois Department of Transportation	Illinois Department of Transportation	None listed	None listed
Coordinate Operation	Illinois Department of Transportation	Illinois Department of Transportation	None listed	None listed
<b>Receiving real-time information via electronic means from others</b>				
<b>Freeway Management agencies from which your agency receives</b>				
<b>freeway travel times, speeds, and conditions</b>	None listed	None listed	None listed	None listed
<b>Public Transit operators from which your agency receives</b>				
<b>arterial travel times derived from vehicle probes</b>	None listed	None listed	None listed	None listed
<b>Incident Management agencies from which your agency receives</b>				
<b>incident clearance and/or incident severity, location, and type information</b>				
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
<b>Toll Collection agencies from which your agency receives arterial travel</b>				
<b>times derived from vehicles probes</b>	None listed	None listed	None listed	None listed

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Joliet City		Kane County	
	1999	2005	1999	2005
<b>Arterial Incident Management Section</b>				
<b>Agencies your agency provides incident severity, location, and type info.</b>				
<b><u>and/or shares infrastructure and/or coordinates operation</u></b>				
<b><i>Emergency Management Agencies</i></b>				
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
<b><i>Freeway Management Agencies</i></b>				
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
<b><i>Public Transit Operators</i></b>				
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
<b><u>Receiving real-time information via electronic means from others</u></b>				
<b><i>Emergency Management agencies from which your agency receives arterial incident clearance and/or arterial incident severity</i></b>				

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Joliet City		Kane County	
	1999	2005	1999	2005
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
<b><i>Arterial Management agencies from which your agency receives</i></b>				
<b><i>arterial travel times, speeds, and conditions</i></b>	None listed	None listed	None listed	None listed
<b><i>Freeway Management agencies from which your agency receives</i></b>				
<b><i>freeway travel times, speeds, and conditions</i></b>	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.

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Lake County -Illinois		McHenry County	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Arterial Management Section</b>				
<b><u>Arterial Mgt. agencies in metropolitan area with which you share info.</u></b>				
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
<b>Agencies your agency provides arterial travel times, speeds, and conditions information, share infrastructure or coordinates operation</b>				
<b><i>Freeway Management Agencies</i></b>				
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
<b><i>Incident Management Agencies</i></b>				
Provide Information	None listed	None listed	None listed	None listed
Share Infrastructure	None listed	None listed	None listed	None listed

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Lake County -Illinois		McHenry County	
	1999	2005	1999	2005
Coordinate Operation	None listed	None listed	None listed	None listed
<b>Public Transit Operators Agencies</b>				
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
<b>Arterial Management Agencies</b>				
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
<b>Receiving real-time information via electronic means from others</b>				
<b>Freeway Management agencies from which your agency receives</b>				
<b>freeway travel times, speeds, and conditions</b>	None listed	None listed	None listed	None listed
<b>Public Transit operators from which your agency receives</b>				
<b>arterial travel times derived from vehicle probes</b>	None listed	None listed	None listed	None listed
<b>Incident Management agencies from which your agency receives</b>				
<b>incident clearance and/or incident severity, location, and type information</b>				
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
<b>Toll Collection agencies from which your agency receives arterial travel</b>				
<b>times derived from vehicles probes</b>	None listed	None listed	None listed	None listed

Arterial Management Integration  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Lake County -Illinois		McHenry County	
	1999	2005	1999	2005
<b>Arterial Incident Management Section</b>				
<b>Agencies your agency provides incident severity, location, and type info.</b>				
<b><u>and/or shares infrastructure and/or coordinates operation</u></b>				
<b><i>Emergency Management Agencies</i></b>				
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
<b><i>Freeway Management Agencies</i></b>				
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
<b><i>Public Transit Operators</i></b>				
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
<b><u>Receiving real-time information via electronic means from others</u></b>				
<b><i>Emergency Management agencies from which your agency receives arterial incident clearance and/or arterial incident severity</i></b>				

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Lake County -Illinois		McHenry County	
	1999	2005	1999	2005
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
<b><i>Arterial Management agencies from which your agency receives</i></b>				
<b><i>arterial travel times, speeds, and conditions</i></b>	None listed	None listed	None listed	None listed
<b><i>Freeway Management agencies from which your agency receives</i></b>				
<b><i>freeway travel times, speeds, and conditions</i></b>	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.

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Mount Prospect		Oak Lawn Village	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Arterial Management Section</b>				
<b><u>Arterial Mgt. agencies in metropolitan area with which you share info.</u></b>				
Share Timing Plans Information	Cook County, Illinois Department of Transportation	Illinois Department of Transportation	short survey	None listed
Coordinate Changes to Timing Plans	Cook County, Illinois Department of Transportation	Cook County, Illinois Department of Transportation	short survey	None listed
Turn over Control of Signals	None listed	None listed	None listed	None listed
<b>Agencies your agency provides arterial travel times, speeds, and conditions information, share infrastructure or coordinates operation</b>				
<b><i>Freeway Management Agencies</i></b>				
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
<b><i>Incident Management Agencies</i></b>				
Provide Information	None listed	None listed	None listed	None listed
Share Infrastructure	None listed	None listed	None listed	None listed

Arterial Management Integration  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Mount Prospect		Oak Lawn Village	
	1999	2005	1999	2005
Coordinate Operation	None listed	None listed	None listed	None listed
<b>Public Transit Operators Agencies</b>				
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
<b>Arterial Management Agencies</b>				
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
<b>Receiving real-time information via electronic means from others</b>				
<b>Freeway Management agencies from which your agency receives</b>				
<i>freeway travel times, speeds, and conditions</i>	None listed	None listed	None listed	None listed
<b>Public Transit operators from which your agency receives</b>				
<i>arterial travel times derived from vehicle probes</i>	None listed	None listed	None listed	None listed
<b>Incident Management agencies from which your agency receives</b>				
<i>incident clearance and/or incident severity, location, and type information</i>				
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
<b>Toll Collection agencies from which your agency receives arterial travel</b>				
<i>times derived from vehicles probes</i>	None listed	None listed	None listed	None listed

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Mount Prospect		Oak Lawn Village	
	1999	2005	1999	2005
<b>Arterial Incident Management Section</b>				
<b>Agencies your agency provides incident severity, location, and type info.</b>				
<b><u>and/or shares infrastructure and/or coordinates operation</u></b>				
<b><i>Emergency Management Agencies</i></b>				
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
<b><i>Freeway Management Agencies</i></b>				
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
<b><i>Public Transit Operators</i></b>				
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
<b><u>Receiving real-time information via electronic means from others</u></b>				
<b><i>Emergency Management agencies from which your agency receives arterial incident clearance and/or arterial incident severity</i></b>				

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Mount Prospect		Oak Lawn Village	
	1999	2005	1999	2005
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
<b><i>Arterial Management agencies from which your agency receives</i></b>				
<b><i>arterial travel times, speeds, and conditions</i></b>	None listed	None listed	None listed	None listed
<b><i>Freeway Management agencies from which your agency receives</i></b>				
<b><i>freeway travel times, speeds, and conditions</i></b>	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.

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Oak Park Village		Porter County	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Arterial Management Section</b>				
<b><u>Arterial Mgt. agencies in metropolitan area with which you share info.</u></b>				
Share Timing Plans Information	Chicago City, Illinois Department of Transportation	Illinois Department of Transportation	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
<b>Agencies your agency provides arterial travel times, speeds, and conditions information, share infrastructure or coordinates operation</b>				
<b><i>Freeway Management Agencies</i></b>				
Provide Information	Illinois Department of Transportation	Illinois Department of Transportation	None listed	None listed
Share Infrastructure	Illinois Department of Transportation	Illinois Department of Transportation	None listed	None listed
Coordinate Operation	None listed	None listed	None listed	None listed
<b><i>Incident Management Agencies</i></b>				
Provide Information	Illinois Department of Transportation	Illinois Department of Transportation	None listed	None listed
Share Infrastructure	Illinois Department of Transportation	Illinois Department of Transportation	None listed	None listed

Arterial Management Integration  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Oak Park Village		Porter County	
	1999	2005	1999	2005
Coordinate Operation	None listed	None listed	None listed	None listed
<b>Public Transit Operators Agencies</b>				
Provide Information	Chicago Transit Authority (CTA), PACE	Chicago Transit Authority (CTA), PACE	None listed	None listed
Share Infrastructure	Chicago Transit Authority (CTA)	Chicago Transit Authority (CTA)	None listed	None listed
Coordinate Operation	None listed	None listed	None listed	None listed
<b>Arterial Management Agencies</b>				
Provide Information	Chicago City, Illinois Department of Transportation, Oak Park Village	Chicago City, Illinois Department of Transportation, Oak Park Village	None listed	None listed
Share Infrastructure	Illinois Department of Transportation, Oak Park Village	Illinois Department of Transportation, Oak Park Village	None listed	None listed
Coordinate Operation	Oak Park Village	Oak Park Village	None listed	None listed
<b>Receiving real-time information via electronic means from others</b>				
<b>Freeway Management agencies from which your agency receives</b>				
<b>freeway travel times, speeds, and conditions</b>	Illinois Department of Transportation	Illinois Department of Transportation	None listed	None listed
<b>Public Transit operators from which your agency receives</b>				
<b>arterial travel times derived from vehicle probes</b>	None listed	None listed	None listed	None listed
<b>Incident Management agencies from which your agency receives</b>				
<b>incident clearance and/or incident severity, location, and type information</b>				
Receive information on Incident Clearance	None listed	None listed	Porter County Sheriff	None listed
Receive information on Incident Severity, Location, and Type	None listed	None listed	Porter County Sheriff	None listed
<b>Toll Collection agencies from which your agency receives arterial travel</b>				
<b>times derived from vehicles probes</b>	None listed	None listed	None listed	None listed

Arterial Management Integration  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Oak Park Village		Porter County	
	1999	2005	1999	2005
<b>Arterial Incident Management Section</b>				
<b>Agencies your agency provides incident severity, location, and type info. and/or shares infrastructure and/or coordinates operation</b>				
<b><i>Emergency Management Agencies</i></b>				
Provide Information	Oak Park City Fire Department, Oak Park City Police Department	Oak Park City Fire Department, Oak Park City Police Department	None listed	None listed
Share Infrastructure	Oak Park City Fire Department, Oak Park City Police Department	Oak Park City Fire Department, Oak Park City Police Department	None listed	None listed
Coordinate Operation	Oak Park City Fire Department, Oak Park City Police Department	Oak Park City Fire Department, Oak Park City Police Department	None listed	None listed
<b><i>Freeway Management Agencies</i></b>				
Provide Information	Illinois Department of Transportation	Illinois Department of Transportation	None listed	None listed
Share Infrastructure	Illinois Department of Transportation	Illinois Department of Transportation	None listed	None listed
Coordinate Operation	Illinois Department of Transportation	Illinois Department of Transportation	None listed	None listed
<b><i>Public Transit Operators</i></b>				
Provide Information	Chicago Transit Authority (CTA)	Chicago Transit Authority (CTA)	None listed	None listed
Share Infrastructure	Chicago Transit Authority (CTA)	Chicago Transit Authority (CTA)	None listed	None listed
Coordinate Operation	Chicago Transit Authority (CTA)	Chicago Transit Authority (CTA)	None listed	None listed
<b><u>Receiving real-time information via electronic means from others</u></b>				
<b><i>Emergency Management agencies from which your agency receives arterial incident clearance and/or arterial incident severity</i></b>				

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Oak Park Village		Porter County	
	1999	2005	1999	2005
Receive Arterial Incident Clearance Information	Oak Park City Fire Department, Oak Park City Fire Department (Emergency Medical)	Oak Park City Fire Department, Oak Park City Fire Department (Emergency Medical)	None listed	None listed
Receive Arterial Incident Severity Information	Oak Park City Fire Department, Oak Park City Fire Department (Emergency Medical)	Oak Park City Fire Department, Oak Park City Fire Department (Emergency Medical)	None listed	None listed
<b><i>Arterial Management agencies from which your agency receives</i></b>				
<b><i>arterial travel times, speeds, and conditions</i></b>	Illinois Department of Transportation, Oak Park Village	Illinois Department of Transportation, Oak Park Village	None listed	None listed
<b><i>Freeway Management agencies from which your agency receives</i></b>				
<b><i>freeway travel times, speeds, and conditions</i></b>	Illinois Department of Transportation	Illinois Department of Transportation	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.

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Schaumburg Village		Skokie Village	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Arterial Management Section</b>				
<b><u>Arterial Mgt. agencies in metropolitan area with which you share info.</u></b>				
Share Timing Plans Information	Cook County, Illinois Department of Transportation	Illinois Department of Transportation	Cook County, Illinois Department of Transportation	Illinois Department of Transportation
Coordinate Changes to Timing Plans	Cook County, Illinois Department of Transportation	Cook County, Illinois Department of Transportation	None listed	None listed
Turn over Control of Signals	None listed	None listed	None listed	None listed
<b>Agencies your agency provides arterial travel times, speeds, and conditions information, share infrastructure or coordinates operation</b>				
<b><i>Freeway Management Agencies</i></b>				
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
<b><i>Incident Management Agencies</i></b>				
Provide Information	None listed	None listed	None listed	None listed
Share Infrastructure	None listed	None listed	None listed	None listed

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Schaumburg Village		Skokie Village	
	1999	2005	1999	2005
Coordinate Operation	None listed	None listed	None listed	None listed
<b>Public Transit Operators Agencies</b>				
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
<b>Arterial Management Agencies</b>				
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
<b>Receiving real-time information via electronic means from others</b>				
<b>Freeway Management agencies from which your agency receives</b>				
<b>freeway travel times, speeds, and conditions</b>	None listed	None listed	None listed	None listed
<b>Public Transit operators from which your agency receives</b>				
<b>arterial travel times derived from vehicle probes</b>	None listed	None listed	None listed	None listed
<b>Incident Management agencies from which your agency receives</b>				
<b>incident clearance and/or incident severity, location, and type information</b>				
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
<b>Toll Collection agencies from which your agency receives arterial travel</b>				
<b>times derived from vehicles probes</b>	None listed	None listed	None listed	None listed

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Schaumburg Village		Skokie Village	
	1999	2005	1999	2005
<b>Arterial Incident Management Section</b>				
<b>Agencies your agency provides incident severity, location, and type info.</b>				
<b><u>and/or shares infrastructure and/or coordinates operation</u></b>				
<b><i>Emergency Management Agencies</i></b>				
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
<b><i>Freeway Management Agencies</i></b>				
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
<b><i>Public Transit Operators</i></b>				
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
<b><u>Receiving real-time information via electronic means from others</u></b>				
<b><i>Emergency Management agencies from which your agency receives arterial incident clearance and/or arterial incident severity</i></b>				

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Schaumburg Village		Skokie Village	
	1999	2005	1999	2005
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
<b><i>Arterial Management agencies from which your agency receives</i></b>				
<b><i>arterial travel times, speeds, and conditions</i></b>	None listed	None listed	None listed	None listed
<b><i>Freeway Management agencies from which your agency receives</i></b>				
<b><i>freeway travel times, speeds, and conditions</i></b>	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.

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Waukegan City		Wheaton City	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Arterial Management Section</b>				
<b><u>Arterial Mgt. agencies in metropolitan area with which you share info.</u></b>				
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
<b>Agencies your agency provides arterial travel times, speeds, and conditions information, share infrastructure or coordinates operation</b>				
<b><i>Freeway Management Agencies</i></b>				
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
<b><i>Incident Management Agencies</i></b>				
Provide Information	None listed	None listed	None listed	None listed
Share Infrastructure	None listed	None listed	None listed	None listed

Arterial Management Integration  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Waukegan City		Wheaton City	
	1999	2005	1999	2005
Coordinate Operation	None listed	None listed	None listed	None listed
<b>Public Transit Operators Agencies</b>				
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
<b>Arterial Management Agencies</b>				
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
<b>Receiving real-time information via electronic means from others</b>				
<b>Freeway Management agencies from which your agency receives</b>				
<b>freeway travel times, speeds, and conditions</b>	None listed	None listed	None listed	None listed
<b>Public Transit operators from which your agency receives</b>				
<b>arterial travel times derived from vehicle probes</b>	None listed	None listed	None listed	None listed
<b>Incident Management agencies from which your agency receives</b>				
<b>incident clearance and/or incident severity, location, and type information</b>				
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
<b>Toll Collection agencies from which your agency receives arterial travel</b>				
<b>times derived from vehicles probes</b>	None listed	None listed	None listed	None listed

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Waukegan City		Wheaton City	
	1999	2005	1999	2005
<b>Arterial Incident Management Section</b>				
<b>Agencies your agency provides incident severity, location, and type info.</b>				
<b><u>and/or shares infrastructure and/or coordinates operation</u></b>				
<b><i>Emergency Management Agencies</i></b>				
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
<b><i>Freeway Management Agencies</i></b>				
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
<b><i>Public Transit Operators</i></b>				
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
<b><u>Receiving real-time information via electronic means from others</u></b>				
<b><i>Emergency Management agencies from which your agency receives arterial incident clearance and/or arterial incident severity</i></b>				

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Waukegan City		Wheaton City	
	1999	2005	1999	2005
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
<b><i>Arterial Management agencies from which your agency receives</i></b>				
<b><i>arterial travel times, speeds, and conditions</i></b>	None listed	None listed	None listed	None listed
<b><i>Freeway Management agencies from which your agency receives</i></b>				
<b><i>freeway travel times, speeds, and conditions</i></b>	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.

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Will County	
	1999	2005
Agency Returned Survey?	Yes	
<b>Arterial Management Section</b>		
<b><u>Arterial Mgt. agencies in metropolitan area with which you share info.</u></b>		
Share Timing Plans Information	Illinois Department of Transportation, Joliet City, Romeoville, Bolingbrook	Bolingbrook
Coordinate Changes to Timing Plans	None listed	None listed
Turn over Control of Signals	Joliet City, Romeoville, Bolingbrook	Joliet City, Romeoville, Bolingbrook
<b><u>Agencies your agency provides arterial travel times, speeds, and conditions information, share infrastructure or coordinates operation</u></b>		
<b><i>Freeway Management Agencies</i></b>		
Provide Information	None listed	None listed
Share Infrastructure	None listed	None listed
Coordinate Operation	None listed	None listed
<b><i>Incident Management Agencies</i></b>		
Provide Information	Illinois Department of Transportation, Local Agencies	Illinois Department of Transportation, Local Agencies
Share Infrastructure	Illinois Department of Transportation, Local Agencies	Illinois Department of Transportation, Local Agencies

Arterial Management Integration  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Will County	
	1999	2005
Coordinate Operation	Illinois Department of Transportation, Local Agencies	Illinois Department of Transportation, Local Agencies
<b>Public Transit Operators Agencies</b>		
Provide Information	None listed	None listed
Share Infrastructure	None listed	None listed
Coordinate Operation	None listed	None listed
<b>Arterial Management Agencies</b>		
Provide Information	Joliet City, Romeoville, Bolingbrook	Joliet City, Romeoville, Bolingbrook
Share Infrastructure	Joliet City, Romeoville, Bolingbrook	Joliet City, Romeoville, Bolingbrook
Coordinate Operation	Joliet City, Romeoville, Bolingbrook	Joliet City, Romeoville, Bolingbrook
<b>Receiving real-time information via electronic means from others</b>		
<b>Freeway Management agencies from which your agency receives</b>		
<i>freeway travel times, speeds, and conditions</i>	Illinois Department of Transportation	Illinois Department of Transportation
<b>Public Transit operators from which your agency receives</b>		
<i>arterial travel times derived from vehicle probes</i>	None listed	None listed
<b>Incident Management agencies from which your agency receives</b>		
<i>incident clearance and/or incident severity, location, and type information</i>		
Receive information on Incident Clearance	Illinois Department of Transportation	None listed
Receive information on Incident Severity, Location, and Type	Illinois Department of Transportation, Local Agencies	Illinois Department of Transportation, Local Agencies
<b>Toll Collection agencies from which your agency receives arterial travel</b>		
<i>times derived from vehicles probes</i>	None listed	None listed

Arterial Management Integration  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Will County	
	1999	2005
<b>Arterial Incident Management Section</b>		
<b>Agencies your agency provides incident severity, location, and type info. and/or shares infrastructure and/or coordinates operation</b>		
<b><i>Emergency Management Agencies</i></b>		
Provide Information	None listed	None listed
Share Infrastructure	None listed	None listed
Coordinate Operation	None listed	None listed
<b><i>Freeway Management Agencies</i></b>		
Provide Information	None listed	None listed
Share Infrastructure	None listed	None listed
Coordinate Operation	None listed	None listed
<b><i>Public Transit Operators</i></b>		
Provide Information	None listed	None listed
Share Infrastructure	None listed	None listed
Coordinate Operation	None listed	None listed
<b><u>Receiving real-time information via electronic means from others</u></b>		
<b><i>Emergency Management agencies from which your agency receives arterial incident clearance and/or arterial incident severity</i></b>		

Arterial Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Will County	
	1999	2005
Receive Arterial Incident Clearance Information	None listed	None listed
Receive Arterial Incident Severity Information	None listed	None listed
<b><i>Arterial Management agencies from which your agency receives</i></b>		
<b><i>arterial travel times, speeds, and conditions</i></b>	None listed	None listed
<b><i>Freeway Management agencies from which your agency receives</i></b>		
<b><i>freeway travel times, speeds, and conditions</i></b>	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**

Data Collection and Dissemination: Arterial Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Arlington Heights Village		Aurora City	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Arterial Management Section</b>				
<b>Data collected, archived, and/or transferred to another agency</b>				
Collected by your agency	NR	NR	NR	NR
Archived by your agency	NR	NR	NR	NR
Transferred to another agency by your agency	NR	NR	NR	NR
<b>Importance of making information available to the public</b>				

Data Collection and Dissemination: Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Arlington Heights Village		Aurora City	
	1999	2005	1999	2005
Ranked High	NR		NR	
Ranked Medium	NR		NR	
Ranked Low	NR		NR	
Groups that make requests for the data	NR		Realtors	
What is the data used for?	NR		Do not know, Traffic analysis	
<b>Methods used to disseminate arterial information to the public</b>				
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
<b>Internet web site reporting arterial conditions</b>	NR		NR	
<b>Telephone system for reporting arterial information to the public</b>	NR		NR	
<b>Organizations your agency sends information for dissemination to the public</b>	NR		NR	
<b>Arterial Incident Management Section</b>				
<b>Methods used to distribute incident location and severity information to the public</b>				

Data Collection and Dissemination: Arterial Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Arlington Heights Village		Aurora City	
	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
<b>Internet web site reporting incident information</b>	NR		NR	
<b>Telephone system for reporting incident information to the public</b>	NR		NR	
<b>Organizations your agency sends information for dissemination to the public</b>	NR		NR	

Data Collection and Dissemination: Arterial Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Chicago City		Cook County	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Arterial Management Section</b>				
<b>Data collected, archived, and/or transferred to another agency</b>				
Collected by your agency	NR	NR	NR	NR
Archived by your agency	NR	NR	NR	NR
Transferred to another agency by your agency	NR	NR	NR	NR
<b>Importance of making information available to the public</b>				

Data Collection and Dissemination: Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Chicago City		Cook County	
	1999	2005	1999	2005
Ranked High	NR		NR	
Ranked Medium	NR		NR	
Ranked Low	NR		NR	
Groups that make requests for the data	NR		NR	
What is the data used for?	NR		NR	
<b>Methods used to disseminate arterial information to the public</b>				
Technologies your agency uses to disseminate:	NR	Internet Web sites, Kiosks, E-mail or other direct PC communication, HAR	NR	Telephone system, E-mail or other direct PC communication
Technologies your agency (through another agency or org.) uses to disseminate:	NR	NR	NR	NR
<b>Internet web site reporting arterial conditions</b>	NR		NR	
<b>Telephone system for reporting arterial information to the public</b>	NR		NR	
<b>Organizations your agency sends information for dissemination to the public</b>	NR		NR	
<b>Arterial Incident Management Section</b>				
<b>Methods used to distribute incident location and severity information to the public</b>				

Data Collection and Dissemination: Arterial Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Chicago City		Cook County	
	1999	2005	1999	2005
Technologies your agency uses to disseminate:	NR	Internet Web sites, HAR	NR	Telephone system, E-mail or other direct PC communication
Technologies your agency (through another agency or org.) uses to disseminate:	NR	NR	NR	NR
<b>Internet web site reporting incident information</b>	NR		NR	
<b>Telephone system for reporting incident information to the public</b>	NR		NR	
<b>Organizations your agency sends information for dissemination to the public</b>	NR		NR	

Data Collection and Dissemination: Arterial Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	DuPage County		Evanston City	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Arterial Management Section</b>				
<b>Data collected, archived, and/or transferred to another agency</b>				
Collected by your agency	Traffic volumes, Traffic speeds, Vehicle classification, Phasing/cycle lengths, Road conditions, Emergency vehicle signal preemption, Route designations (snow emergency, etc.)	Traffic volumes, Traffic speeds, Vehicle classification, Phasing/cycle lengths, Road conditions, Emergency vehicle signal preemption, Route designations (snow emergency, etc.)	NR	NR
Archived by your agency	Traffic volumes, Traffic speeds, Vehicle classification, Phasing/cycle lengths, Road conditions, Emergency vehicle signal preemption, Route designations (snow emergency, etc.)	Traffic volumes, Traffic speeds, Vehicle classification, Phasing/cycle lengths, Road conditions, Emergency vehicle signal preemption, Route designations (snow emergency, etc.)	NR	NR
Transferred to another agency by your agency	NR	NR	NR	NR
<b>Importance of making information available to the public</b>				

Data Collection and Dissemination: Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	DuPage County		Evanston City	
	1999	2005	1999	2005
Ranked High	NR		NR	
Ranked Medium	NR		NR	
Ranked Low	Traffic volumes, Traffic speeds, Vehicle classification, Phasing/cycle lengths, Road conditions, Emergency vehicle signal preemption, Route designations (snow emergency, etc.)		NR	
Groups that make requests for the data	Consultants		NR	
What is the data used for?	Traffic analysis, Construction impact determination, Planning, Roadway impact analysis		NR	
<b>Methods used to disseminate arterial information to the public</b>				
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
<b>Internet web site reporting arterial conditions</b>	NR		NR	
<b>Telephone system for reporting arterial information to the public</b>	NR		NR	
<b>Organizations your agency sends information for dissemination to the public</b>	NR		NR	
<b>Arterial Incident Management Section</b>				
<b>Methods used to distribute incident location and severity information to the public</b>				

Data Collection and Dissemination: Arterial Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	DuPage County		Evanston City	
	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
<b>Internet web site reporting incident information</b>	NR		NR	
<b>Telephone system for reporting incident information to the public</b>	NR		NR	
<b>Organizations your agency sends information for dissemination to the public</b>	NR		NR	

Data Collection and Dissemination: Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Gary City		Hammond City	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Arterial Management Section</b>				
<b>Data collected, archived, and/or transferred to another agency</b>				
Collected by your agency	NR	NR	NR	NR
Archived by your agency	NR	NR	NR	NR
Transferred to another agency by your agency	NR	NR	NR	NR
<b>Importance of making information available to the public</b>				

Data Collection and Dissemination: Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Gary City		Hammond City	
	1999	2005	1999	2005
Ranked High	NR		NR	
Ranked Medium	NR		NR	
Ranked Low	NR		Frame volumes, Frame speeds, Lane occupancy, Vehicle classification, Probe vehicles, Turning movements, Queues, Phasing/cycle lengths, Road conditions, Emergency vehicle signal preemption, Transit vehicle signal priority, Route designations (snow emergency, etc.), Weather conditions, Incidents, Current work zones, Scheduled work zones, Intermodal (air, rail, water) connections,	
Groups that make requests for the data	NR		Consultants	
What is the data used for?	NR		Do not know	
<b>Methods used to disseminate arterial information to the public</b>				
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
<b>Internet web site reporting arterial conditions</b>	NR		NR	
<b>Telephone system for reporting arterial information to the public</b>	NR		NR	
<b>Organizations your agency sends information for dissemination to the public</b>	NR		NR	
<b>Arterial Incident Management Section</b>				
<b>Methods used to distribute incident location and severity information to the public</b>				

Data Collection and Dissemination: Arterial Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Gary City		Hammond City	
	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
<b>Internet web site reporting incident information</b>	NR		NR	
<b>Telephone system for reporting incident information to the public</b>	NR		NR	
<b>Organizations your agency sends information for dissemination to the public</b>	NR		NR	

Data Collection and Dissemination: Arterial Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Joliet City		Kane County	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Arterial Management Section</b>				
<b>Data collected, archived, and/or transferred to another agency</b>				
Collected by your agency	NR	NR	Traffic volumes, Traffic speeds, Vehicle classification, Turning movements	Traffic volumes, Traffic speeds, Vehicle classification, Turning movements
Archived by your agency	NR	NR	Traffic volumes, Traffic speeds, Vehicle classification, Turning movements	Traffic volumes, Traffic speeds, Vehicle classification, Turning movements
Transferred to another agency by your agency	NR	NR	Weather conditions	Weather conditions
<b>Importance of making information available to the public</b>				

Data Collection and Dissemination: Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Joliet City		Kane County	
	1999	2005	1999	2005
Ranked High	NR		NR	
Ranked Medium	NR		NR	
Ranked Low	NR		Traffic volumes, Traffic speeds, Vehicle classification, Turning movements, Weather conditions	
<b>Groups that make requests for the data</b>	Universities, State DOT personnel, Federal DOT personnel, Consultants		Consultants	
<b>What is the data used for?</b>	NR		Traffic analysis, Planning	
<b>Methods used to disseminate arterial information to the public</b>				
Technologies your agency uses to disseminate:	NR	NR	NR	Internet Web sites
Technologies your agency (through another agency or org.) uses to disseminate:	NR	NR	NR	NR
<b>Internet web site reporting arterial conditions</b>	NR		NR	
<b>Telephone system for reporting arterial information to the public</b>	NR		NR	
<b>Organizations your agency sends information for dissemination to the public</b>	NR		NR	
<b>Arterial Incident Management Section</b>				
<b>Methods used to distribute incident location and severity information to the public</b>				

Data Collection and Dissemination: Arterial Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Joliet City		Kane County	
	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
<b>Internet web site reporting incident information</b>	NR		NR	
<b>Telephone system for reporting incident information to the public</b>	NR		NR	
<b>Organizations your agency sends information for dissemination to the public</b>	NR		NR	

Data Collection and Dissemination: Arterial Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Lake County -Illinois		McHenry County	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Arterial Management Section</b>				
<b>Data collected, archived, and/or transferred to another agency</b>				
Collected by your agency	NR	NR	Traffic volumes, Traffic speeds, Vehicle classification, Turning movements	Traffic volumes, Traffic speeds, Vehicle classification, Turning movements
Archived by your agency	NR	NR	NR	NR
Transferred to another agency by your agency	NR	NR	NR	NR
<b>Importance of making information available to the public</b>				

Data Collection and Dissemination: Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Lake County -Illinois		McHenry County	
	1999	2005	1999	2005
Ranked High	NR		NR	
Ranked Medium	NR		NR	
Ranked Low	NR		Traffic volumes, Traffic speeds, Vehicle classification, Turning movements	
Groups that make requests for the data	NR		Consultants, Business/Real Estate	
What is the data used for?	NR		Traffic analysis, Construction impact determination, Planning	
<b>Methods used to disseminate arterial information to the public</b>				
Technologies your agency uses to disseminate:	NR	Internet Web sites	NR	NR
Technologies your agency (through another agency or org.) uses to disseminate:	NR	NR	NR	NR
<b>Internet web site reporting arterial conditions</b>	NR		NR	
<b>Telephone system for reporting arterial information to the public</b>	NR		NR	
<b>Organizations your agency sends information for dissemination to the public</b>	NR		NR	
<b>Arterial Incident Management Section</b>				
<b>Methods used to distribute incident location and severity information to the public</b>				

Data Collection and Dissemination: Arterial Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Lake County -Illinois		McHenry County	
	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
<b>Internet web site reporting incident information</b>	NR		NR	
<b>Telephone system for reporting incident information to the public</b>	NR		NR	
<b>Organizations your agency sends information for dissemination to the public</b>	NR		NR	

Data Collection and Dissemination: Arterial Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Mount Prospect		Oak Lawn Village	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Arterial Management Section</b>				
<b>Data collected, archived, and/or transferred to another agency</b>				
Collected by your agency	NR	NR	NR	NR
Archived by your agency	NR	NR	NR	NR
Transferred to another agency by your agency	NR	NR	NR	NR
<b>Importance of making information available to the public</b>				

Data Collection and Dissemination: Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Mount Prospect		Oak Lawn Village	
	1999	2005	1999	2005
Ranked High	NR		NR	
Ranked Medium	NR		NR	
Ranked Low	NR		NR	
Groups that make requests for the data	NR		NR	
What is the data used for?	NR		NR	
<b>Methods used to disseminate arterial information to the public</b>				
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
<b>Internet web site reporting arterial conditions</b>	NR		NR	
<b>Telephone system for reporting arterial information to the public</b>	NR		NR	
<b>Organizations your agency sends information for dissemination to the public</b>	NR		NR	
<b>Arterial Incident Management Section</b>				
<b>Methods used to distribute incident location and severity information to the public</b>				

Data Collection and Dissemination: Arterial Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Mount Prospect		Oak Lawn Village	
	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
<b>Internet web site reporting incident information</b>	NR		NR	
<b>Telephone system for reporting incident information to the public</b>	NR		NR	
<b>Organizations your agency sends information for dissemination to the public</b>	NR		NR	

Data Collection and Dissemination: Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Oak Park Village		Porter County	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Arterial Management Section</b>				
<b>Data collected, archived, and/or transferred to another agency</b>				
Collected by your agency	Traffic volumes, Turning movements, Phasing/cycle lengths, Road conditions, Route designations (snow emergency, etc.), Weather conditions, Incidents, Current work zones, Scheduled work zones	Traffic volumes, Turning movements, Phasing/cycle lengths, Road conditions, Route designations (snow emergency, etc.), Weather conditions, Incidents, Current work zones, Scheduled work zones	Traffic volumes, Road conditions, Route designations (snow emergency, etc.), Weather conditions, Incidents, Scheduled work zones	NR
Archived by your agency	Traffic volumes, Turning movements, Phasing/cycle lengths, Route designations (snow emergency, etc.), Weather conditions, Incidents, Current work zones, Scheduled work zones	Traffic volumes, Turning movements, Phasing/cycle lengths, Route designations (snow emergency, etc.), Weather conditions, Incidents, Current work zones, Scheduled work zones	Traffic volumes, Road conditions, Incidents, Scheduled work zones	NR
Transferred to another agency by your agency	Traffic volumes, Turning movements, Phasing/cycle lengths, Road conditions, Route designations (snow emergency, etc.), Weather conditions, Incidents, Current work zones, Scheduled work zones	Traffic volumes, Turning movements, Phasing/cycle lengths, Road conditions, Route designations (snow emergency, etc.), Weather conditions, Incidents, Current work zones, Scheduled work zones	Traffic volumes, Route designations (snow emergency, etc.), Incidents, Scheduled work zones	NR
<b>Importance of making information available to the public</b>				

Data Collection and Dissemination: Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Oak Park Village		Porter County	
	1999	2005	1999	2005
Ranked High	Traffic volumes, Road conditions, Route designations (snow emergency, etc.), Weather conditions, Current work zones, Scheduled work zones		Traffic volumes, Route designations (snow emergency, etc.), Incidents, Scheduled work zones	
Ranked Medium	Turning movements, Phasing/cycle lengths, Incidents		Road conditions, Weather conditions	
Ranked Low	NR		NR	
<b>Groups that make requests for the data</b>	State DOT personnel, Federal DOT personnel, Media (i.e., TV stations, radio stations), Consultants		Universities, Media (i.e., TV stations, radio stations), Consultants	
<b>What is the data used for?</b>	Traffic analysis, Construction impact determination, Planning, Roadway impact analysis, Dissemination to the public		Traffic analysis, Planning, Dissemination to the public	
<b>Methods used to disseminate arterial information to the public</b>				
Technologies your agency uses to disseminate:	Telephone system	Telephone system	Facsimile	NR
Technologies your agency (through another agency or org.) uses to disseminate:	Telephone system	Telephone system	Internet Web sites	NR
<b>Internet web site reporting arterial conditions</b>	NR		www.porterco.org	
<b>Telephone system for reporting arterial information to the public</b>	NR		conditions only 219-465-3570	
<b>Organizations your agency sends information for dissemination to the public</b>	Post Tribune Newspaper Vidette Times Newspaper		NR	
<b>Arterial Incident Management Section</b>				
<b>Methods used to distribute incident location and severity information to the public</b>				

Data Collection and Dissemination: Arterial Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Oak Park Village		Porter County	
	1999	2005	1999	2005
Technologies your agency uses to disseminate:	Internet Web sites, Pagers or personal data assistants, E-mail or other direct PC communication, Cell phone/voice, Cell phone/data, Facsimile	Dedicated cable TV, Internet Web sites, Pagers or personal data assistants, E-mail or other direct PC communication, Cell phone/voice, Cell phone/data, Facsimile	NR	NR
Technologies your agency (through another agency or org.) uses to disseminate:	Pagers or personal data assistants, E-mail or other direct PC communication, Cell phone/data, Facsimile	Dedicated cable TV, Pagers or personal data assistants, E-mail or other direct PC communication, Cell phone/data, Facsimile	NR	NR
<b>Internet web site reporting incident information</b>	will be in place within couple of weeks		NR	
<b>Telephone system for reporting incident information to the public</b>	NR		NR	
<b>Organizations your agency sends information for dissemination to the public</b>	NR		NR	

Data Collection and Dissemination: Arterial Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Schaumburg Village		Skokie Village	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Arterial Management Section</b>				
<b>Data collected, archived, and/or transferred to another agency</b>				
Collected by your agency	Traffic volumes, Turning movements, Phasing/cycle lengths, Current work zones	Traffic volumes, Turning movements, Phasing/cycle lengths	Traffic volumes, Traffic speeds, Vehicle classification, Turning movements, Phasing/cycle lengths, Route designations (snow emergency, etc.), Current work zones, Scheduled work zones, Intermodal (air, rail, water) connections	Traffic volumes, Traffic speeds, Vehicle classification, Turning movements, Phasing/cycle lengths, Route designations (snow emergency, etc.), Current work zones, Scheduled work zones, Intermodal (air, rail, water) connections, Emergency/evacuation routes and procedures
Archived by your agency	Traffic volumes, Turning movements, Phasing/cycle lengths, Current work zones	Traffic volumes, Turning movements, Phasing/cycle lengths	NR	NR
Transferred to another agency by your agency	Phasing/cycle lengths, Current work zones	Phasing/cycle lengths	NR	NR
<b>Importance of making information available to the public</b>				

Data Collection and Dissemination: Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Schaumburg Village		Skokie Village	
	1999	2005	1999	2005
Ranked High	Traffic volumes, Turning movements, Current work zones		NR	
Ranked Medium	Phasing/cycle lengths		Route designations (snow emergency, etc.), Current work zones, Scheduled work zones	
Ranked Low	NR		Traffic volumes, Traffic speeds, Lane occupancy, Vehicle classification, Probe vehicles, Turning movements, Queues, Phasing/cycle lengths, Road conditions, Emergency vehicle signal preemption, Transit vehicle signal priority, Weather conditions, Incidents, Intermodal (air, rail, water) connections, Emergency/evacuation routes and procedures, Highway operations coordination information	
<b>Groups that make requests for the data</b>	Consultants		State DOT personnel, Consultants, Marketing Representatives	
<b>What is the data used for?</b>	Traffic analysis, Construction impact determination, Planning		Do not know, Traffic analysis, Construction impact determination, Planning, Dissemination to the public	
<b>Methods used to disseminate arterial information to the public</b>				
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
<b>Internet web site reporting arterial conditions</b>	NR		NR	
<b>Telephone system for reporting arterial information to the public</b>	NR		NR	
<b>Organizations your agency sends information for dissemination to the public</b>	NR		NR	
<b>Arterial Incident Management Section</b>				
<b>Methods used to distribute incident location and severity information to the public</b>				

Data Collection and Dissemination: Arterial Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Schaumburg Village		Skokie Village	
	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
<b>Internet web site reporting incident information</b>	NR		NR	
<b>Telephone system for reporting incident information to the public</b>	NR		NR	
<b>Organizations your agency sends information for dissemination to the public</b>	NR		NR	

Data Collection and Dissemination: Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Waukegan City		Wheaton City	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Arterial Management Section</b>				
<b>Data collected, archived, and/or transferred to another agency</b>				
Collected by your agency	Traffic speeds, Emergency vehicle signal preemption, Route designations (snow emergency, etc.)	NR	Traffic volumes, Traffic speeds, Vehicle classification, Queues, Road conditions	Traffic volumes, Traffic speeds, Vehicle classification, Queues, Road conditions
Archived by your agency	NR	NR	Traffic volumes, Traffic speeds, Vehicle classification, Queues, Road conditions	Traffic volumes, Traffic speeds, Vehicle classification, Queues, Road conditions
Transferred to another agency by your agency	NR	NR	NR	NR
<b>Importance of making information available to the public</b>				

Data Collection and Dissemination: Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Waukegan City		Wheaton City	
	1999	2005	1999	2005
Ranked High	NR		NR	
Ranked Medium	NR		Traffic volumes, Traffic speeds, Vehicle classification, Queues, Road conditions	
Ranked Low	Traffic speeds, Emergency vehicle signal preemption, Route designations (snow emergency, etc.)		NR	
<b>Groups that make requests for the data</b>	Consultants		State DOT personnel, Consultants, Citizens	
<b>What is the data used for?</b>	Planning		Traffic analysis, Planning	
<b>Methods used to disseminate arterial information to the public</b>				
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
<b>Internet web site reporting arterial conditions</b>	NR		NR	
<b>Telephone system for reporting arterial information to the public</b>	NR		NR	
<b>Organizations your agency sends information for dissemination to the public</b>	NR		NR	
<b>Arterial Incident Management Section</b>				
<b>Methods used to distribute incident location and severity information to the public</b>				

Data Collection and Dissemination: Arterial Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Waukegan City		Wheaton City	
	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
<b>Internet web site reporting incident information</b>	NR		NR	
<b>Telephone system for reporting incident information to the public</b>	NR		NR	
<b>Organizations your agency sends information for dissemination to the public</b>	NR		NR	

Data Collection and Dissemination: Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Will County	
	1999	2005
Agency Returned Survey?	Yes	
<b>Arterial Management Section</b>		
<b>Data collected, archived, and/or transferred to another agency</b>		
Collected by your agency	Traffic volumes, Traffic speeds, Vehicle classification, Turning movements, Road conditions, Weather conditions, Current work zones, Scheduled work zones, Emergency/evacuation routes and procedures, Highway operations coordination information	Traffic volumes, Traffic speeds, Vehicle classification, Turning movements, Road conditions, Weather conditions, Current work zones, Scheduled work zones, Emergency/evacuation routes and procedures, Highway operations coordination information
Archived by your agency	Traffic volumes, Traffic speeds, Vehicle classification, Turning movements, Road conditions, Weather conditions, Current work zones, Scheduled work zones, Emergency/evacuation routes and procedures, Highway operations coordination information	Traffic volumes, Traffic speeds, Vehicle classification, Turning movements, Road conditions, Weather conditions, Current work zones, Scheduled work zones, Emergency/evacuation routes and procedures, Highway operations coordination information
Transferred to another agency by your agency	Traffic volumes, Traffic speeds, Weather conditions, Current work zones, Scheduled work zones, Emergency/evacuation routes and procedures, Highway operations coordination information	Traffic volumes, Traffic speeds, Weather conditions, Current work zones, Scheduled work zones, Emergency/evacuation routes and procedures, Highway operations coordination information
<b>Importance of making information available to the public</b>		

Data Collection and Dissemination: Arterial Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Will County	
	1999	2005
Ranked High	Emergency/evacuation routes and procedures	
Ranked Medium	Traffic speeds, Road conditions, Weather conditions, Current work zones, Scheduled work zones, Highway operations coordination information	
Ranked Low	Traffic volumes, Vehicle classification, Turning movements	
<b>Groups that make requests for the data</b>	State DOT personnel, Public, Local Agencies, Consultants	
<b>What is the data used for?</b>	Traffic analysis, Planning, Dissemination to the public	
<b>Methods used to disseminate arterial information to the public</b>		
Technologies your agency uses to disseminate:	NR	NR
Technologies your agency (through another agency or org.) uses to disseminate:	NR	NR
<b>Internet web site reporting arterial conditions</b>	NR	
<b>Telephone system for reporting arterial information to the public</b>	NR	
<b>Organizations your agency sends information for dissemination to the public</b>		
<b>Arterial Incident Management Section</b>		
<b>Methods used to distribute incident location and severity information to the public</b>		

Data Collection and Dissemination: Arterial Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Will County	
	1999	2005
Technologies your agency uses to disseminate:	NR	NR
Technologies your agency (through another agency or org.) uses to disseminate:	NR	NR
<b>Internet web site reporting incident information</b>	NR	
<b>Telephone system for reporting incident information to the public</b>	NR	
<b>Organizations your agency sends information for dissemination to the public</b>	NR	

**Appendix I**  
**Transit Management Components**

Transit Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Chicago Transit Authority (CTA)		Cook-DuPage Transportation		East Chicago Transit		Hammond Transit System	
	1999	2005	1999	2005	1999	2005	1999	2005
<b>Agency Returned Survey?</b>	Yes		Yes		Yes		Yes	
<b>Number of vehicles used in revenue service</b>								
Fixed Route Bus	1,872	2,000	0	0	4	8	12	12
Heavy or Rapid Rail	1,100	1,100	0	0	NR	NR	0	0
Light Rail	NR	NR	0	0	NR	NR	0	0
Demand Responsive	NR	50	140	140	2	2	22	25
Commuter Rail	NR	NR	NR	NR	NR	NR	0	0
Ferry Boat	NR	NR	NR	NR	NR	NR	0	0
<b>Have of plan to have an Automated Vehicle Location System?</b>	No		Yes		Yes		Yes	
<b>Primary and Secondary Location Technologies Used</b>								
<i>Primary Technologies</i>								
GPS	No	No	No	Yes	No	No	No	No
Sign/Odometer	No	No	No	No	No	No	No	No
Dead-Reckoning	No	Yes	No	No	No	No	No	No
LORAN C	No	No	Yes	No	No	No	No	No
Other	Yes	No	No	No	No	No	No	No
<i>Backup Technologies</i>								
GPS	No	No	No	Yes	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	Yes	No	No	No	No	No
Other	No	Yes	No	No	No	No	No	No
<b>Number of Vehicles Equipped with AVL</b>								
Fixed Route Bus	1,200	2,000	NR	NR	NR	8	0	12
Heavy or Rapid Rail	NR	NR	NR	NR	NR	NR	0	0
Light Rail	NR	NR	NR	NR	NR	NR	0	0
Demand Responsive	NR	50	140	140	NR	2	0	25
Commuter Rail	NR	NR	NR	NR	NR	NR	NR	NR
Ferry Boat	NR	NR	NR	NR	NR	NR	NR	NR
<b>Motor Buses Operated as Vehicle Probes</b>								
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	
<b>Have Organized Regional Incident Management Program?</b>	Yes		No		Yes		No	

Transit Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Chicago Transit Authority (CTA)		Cook-DuPage Transportation		East Chicago Transit		Hammond Transit System	
	1999	2005	1999	2005	1999	2005	1999	2005
<b>Have Automated Traveler Information System?</b>	Yes		No		No		Yes	
<u>Services Automated Traveler Info. System Applies:</u>								
Fixed Route	Yes		No		No		Yes	
Heavy Rail	Yes		No		No		No	
Light Rail	No		No		No		No	
Demand Responsive	No		No		No		Yes	
Commuter Rail	No		No		No		No	
Ferry	No		No		No		No	
<b>Locations where traveler information is displayed to public</b>								
Number of bus stops on fixed transit routes	12,900	12,900	NR	NR	NR	NR	NR	NR
Bus stops on fixed transit routes that display traveler info to the public	0	2	NR	NR	NR	NR	NR	NR
Number of rail stations	138	138	NR	NR	NR	NR	2	2
Number of rail stations that display traveler information	41	138	NR	NR	1	1	2	2
Number of other locations that display traveler information to public	NR	NR	NR	NR	NR	NR	NR	NR
<b>Number of vehicles the traveler information system has available</b>								
Fixed Route Bus	NR	NR	NR	NR	NR	NR	0	12
Heavy or Rapid Rail	1,100	1,100	NR	NR	NR	NR	0	0
Light Rail	NR	NR	NR	NR	NR	NR	0	0
Demand Responsive	NR	NR	NR	NR	NR	NR	0	25
Commuter Rail	NR	NR	NR	NR	NR	NR	0	0
Ferry Boat	NR	NR	NR	NR	NR	NR	0	0
<b>Deployment of Communications Technology</b>								
<u>Attributes of Radio System:</u>								
Digital?	No		Yes		No		No	
Analog?	Yes		No		Yes		No	
Trunked?	No		No		No		No	
Regular?	Yes		Yes		Yes		No	
<b>Services that use a Digital or Trunked Radio System</b>								
<u>Digital Only</u>								
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
<u>Trunked Only</u>								
Fixed Route Bus	No	Yes	No	No	No	Yes	No	No
Heavy or Rapid Rail	No	Yes	No	No	No	No	No	No

Transit Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Chicago Transit Authority (CTA)		Cook-DuPage Transportation		East Chicago Transit		Hammond Transit System	
	1999	2005	1999	2005	1999	2005	1999	2005
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
<b>Have of plan to have Automatic Passenger Counters (APCs)?</b>	Yes		No		No		Yes	
<b>Methods used to count passengers</b>								
Treadle Mats	No		No		No		No	
Infrared Beams	Yes		No		No		No	
<b>Primary and Secondary Location Technologies Used</b>								
<i>Primary Technologies</i>								
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	Yes	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
<i>Backup Technologies</i>								
GPS	No	No	No	No	No	No	No	No
Differential GPS	No	Yes	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
<b>Number of Vehicles with APCs</b>								
Fixed Route Bus	10	120	NR	NR	NR	NR	0	12
Heavy or Rapid Rail	NR	NR	NR	NR	NR	NR	0	0
Light Rail	NR	NR	NR	NR	NR	NR	0	0
Demand Responsive	NR	NR	NR	NR	NR	NR	0	25
Commuter Rail	NR	NR	NR	NR	NR	NR	0	0
Ferry Boat	NR	NR	NR	NR	NR	NR	0	0
<b>Remote Real-Time Monitoring and Computer Assisted Dispatching</b>								
<i>Remote Real-Time Monitoring</i>								
Fixed Route Bus	NR	2,000	NR	NR	NR	NR	0	12
Heavy or Rapid Rail	133	133	NR	NR	NR	NR	0	0
Light Rail	NR	NR	NR	NR	NR	NR	0	0
Demand Responsive	NR	NR	NR	NR	NR	NR	0	0
Commuter Rail	NR	NR	NR	NR	NR	NR	0	0
Ferry Boat	NR	NR	NR	NR	NR	NR	0	0

Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Chicago Transit Authority (CTA)		Cook-DuPage Transportation		East Chicago Transit		Hammond Transit System	
	1999	2005	1999	2005	1999	2005	1999	2005
<u>Automated Dispatching or Control Software</u>								
Fixed Route Bus	NR	2,000	NR	NR	4	8	NR	12
Heavy or Rapid Rail	133	133	NR	NR	NR	NR	NR	NR
Light Rail	NR	NR	NR	NR	NR	NR	NR	NR
Demand Responsive	NR	NR	140	140	2	2	NR	25
Commuter Rail	NR	NR	NR	NR	NR	NR	NR	NR
Ferry Boat	NR	NR	NR	NR	NR	NR	NR	NR
<b>Coordinate or plan to coordinate travel request and vehicle dispatching for multiple agencies?</b>								
	No		No		Yes		Yes	
<b>Is there or will there be a Transportation Management Center (TMC) in the region that controls transit and highway modes?</b>								
	NR		NR		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
<b>Priority at Traffic Signals and Ramp Meter Priority</b>								
<u>Priority at Traffic Signals</u>								
Fixed Route Bus	6	1,000	NR	NR	NR	NR	5	12
Light Rail	NR	NR	NR	NR	NR	NR	0	0
Demand Responsive	NR	NR	NR	NR	NR	NR	0	0
<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
<b>Number of Vehicles Equipped with Navigation Aids</b>								
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
<b>ITS Standards Used Related to Transit Management</b>								

Transit Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Chicago Transit Authority (CTA)		Cook-DuPage Transportation		East Chicago Transit		Hammond Transit System	
	1999	2005	1999	2005	1999	2005	1999	2005
TCIP On Board Objects (TCIP-OB)	Yes		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)	Yes		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		No		No	
Have agreements in place with other agencies to use similar hardware and software to aid maintenance and interoperability?	No		No		No		Yes	
<b>Electronic Fare Payment</b>								
<b>Have full operational Electronic Fare Payment System?</b>	Yes		No		No		No	
<u>Methods of Fare Payment</u>								
<u>Stored value card with fare deducted for each trip</u>								
Magnetic Stripe	Yes		No		No		No	
Smart Card	No		No		No		No	
Debit Card	Yes		No		No		No	
<u>Billed by the month for trips taken</u>								
Magnetic Stripe	No		No		No		No	
Smart Card	No		No		No		No	
Credit Card	No		No		No		No	
<u>Monthly Pass</u>								
Magnetic Stripe	No		No		No		No	
Smart Card	No		No		No		No	
Vehicles/Stations Equipped with Automated Payment Mechanism								
<u>Magnetic Stripe Readers</u>								
Fixed Route Bus Vehicles	1,872	2,000	NR	NR	NR	NR	NR	NR
Heavy or Rapid Rail Stations	138	138	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
<u>Smart Card Readers</u>								
Fixed Route Bus Vehicles	1,872	2,000	NR	NR	NR	NR	NR	NR
Heavy or Rapid Rail Stations	138	138	NR	NR	NR	NR	NR	NR

Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Chicago Transit Authority (CTA)		Cook-DuPage Transportation		East Chicago Transit		Hammond Transit System	
	1999	2005	1999	2005	1999	2005	1999	2005
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
<u>Credit Card</u>								
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
<u>Debit Card</u>								
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								

Transit Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	LCEOC, Inc.		North Township of Lake County Dial-A-Ride		Northeast Illinois Regional Commuter RR Corporation		Northern Indiana Commuter	
	1999	2005	1999	2005	1999	2005	1999	2005
<b>Agency Returned Survey?</b>	Yes		Yes		Yes		Yes	
<b>Number of vehicles used in revenue service</b>								
Fixed Route Bus	NR	NR	NR	NR	NR	NR	NR	NR
Heavy or Rapid Rail	NR	NR	NR	NR	942	984	NR	NR
Light Rail	NR	NR	NR	NR	NR	NR	NR	NR
Demand Responsive	46	65	3	3	NR	NR	55	64
Commuter Rail	NR	NR	NR	NR	NR	NR	NR	NR
Ferry Boat	NR	NR	NR	NR	NR	NR	NR	NR
<b>Have of plan to have an Automated Vehicle Location System?</b>	Yes		No		Yes		No	
<b>Primary and Secondary Location Technologies Used</b>								
<i>Primary Technologies</i>								
GPS	No	Yes	No	No	Yes	No	No	No
Sign/Odometer	No	Yes	No	No	No	No	No	No
Dead-Reckoning	No	Yes	No	No	No	No	No	No
LORAN C	No	Yes	No	No	No	No	No	No
Other	No	Yes	No	No	No	No	No	No
<i>Backup Technologies</i>								
GPS	No	No	No	No	Yes	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
<b>Number of Vehicles Equipped with AVL</b>								
Fixed Route Bus	NR	NR	NR	NR	NR	NR	NR	NR
Heavy or Rapid Rail	NR	NR	NR	NR	5	5	NR	NR
Light Rail	NR	NR	NR	NR	NR	NR	NR	NR
Demand Responsive	NR	65	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
<b>Motor Buses Operated as Vehicle Probes</b>								
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	
<b>Have Organized Regional Incident Management Program?</b>	No		No		No		No	

Transit Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	LCEOC, Inc.		North Township of Lake County Dial-A-Ride		Northeast Illinois Regional Commuter RR Corporation		Northern Indiana Commuter	
	1999	2005	1999	2005	1999	2005	1999	2005
<b>Have Automated Traveler Information System?</b>	Yes		No		Yes		Yes	
<u>Services Automated Traveler Info. System Applies:</u>								
Fixed Route	No		No		No		No	
Heavy Rail	No		No		Yes		No	
Light Rail	No		No		No		No	
Demand Responsive	Yes		No		No		No	
Commuter Rail	No		No		No		Yes	
Ferry	No		No		No		No	
<b>Locations where traveler information is displayed to public</b>								
Number of bus stops on fixed transit routes	NR	NR	NR	NR	NR	NR	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	226	230	13	NR
Number of rail stations that display traveler information	NR	NR	NR	NR	226	230	0	13
Number of other locations that display traveler information to public	NR	NR	NR	NR	NR	NR	NR	NR
<b>Number of vehicles the traveler information system has available</b>								
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	65	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
<b>Deployment of Communications Technology</b>								
<u>Attributes of Radio System:</u>								
Digital?	No		No		No		No	
Analog?	Yes		Yes		Yes		Yes	
Trunked?	No		No		No		No	
Regular?	Yes		Yes		Yes		Yes	
<b>Services that use a Digital or Trunked Radio System</b>								
<u>Digital Only</u>								
Fixed Route Bus	No	Yes	No	No	No	No	No	No
Heavy or Rapid Rail	No	Yes	No	No	No	No	No	No
Light Rail	No	Yes	No	No	No	No	No	No
Demand Responsive	No	Yes	No	No	No	No	No	No
Commuter Rail	No	Yes	No	No	No	No	No	No
Ferry Boat	No	Yes	No	No	No	No	No	No
<u>Trunked Only</u>								
Fixed Route Bus	No	Yes	No	No	No	No	No	No
Heavy or Rapid Rail	No	Yes	No	No	No	No	No	No

Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

	LCEOC, Inc.		North Township of Lake County Dial-A-Ride		Northeast Illinois Regional Commuter RR Corporation		Northern Indiana Commuter	
	1999	2005	1999	2005	1999	2005	1999	2005
Light Rail	No	Yes	No	No	No	No	No	No
Demand Responsive	No	Yes	No	No	No	No	No	No
Commuter Rail	No	Yes	No	No	No	No	No	No
Ferry Boat	No	Yes	No	No	No	No	No	No
<b>Have of plan to have Automatic Passenger Counters (APCs)?</b>	No		No		No		No	
<b>Methods used to count passengers</b>								
Treadle Mats	No		No		No		No	
Infrared Beams	No		No		No		No	
<b>Primary and Secondary Location Technologies Used</b>								
<i>Primary Technologies</i>								
GPS	No	Yes	No	No	No	No	No	No
Differential GPS	No	Yes	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
<i>Backup Technologies</i>								
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
<b>Number of Vehicles with APCs</b>								
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	65	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
<b>Remote Real-Time Monitoring and Computer Assisted Dispatching</b>								
<i>Remote Real-Time Monitoring</i>								
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	65	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

Transit Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	LCEOC, Inc.		North Township of Lake County Dial-A-Ride		Northeast Illinois Regional Commuter RR Corporation		Northern Indiana Commuter	
	1999	2005	1999	2005	1999	2005	1999	2005
<u>Automated Dispatching or Control Software</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	0	65	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
<b>Coordinate or plan to coordinate travel request and vehicle dispatching for multiple agencies?</b>	Yes		No		No		No	
<b>Is there or will there be a Transportation Management Center (TMC) in the region that controls transit and highway modes?</b>	Yes		NR		No		NR	
Modes that TMC currently controls:								
Highways	Yes	No	No	No	No	No	No	No
Fixed Route Bus	No	Yes	No	No	No	No	No	No
Heavy or Rapid Rail	No	Yes	No	No	No	No	No	No
Light Rail	No	Yes	No	No	No	No	No	No
Demand Responsive	No	Yes	No	No	No	No	No	No
Commuter Rail	No	Yes	No	No	No	No	No	No
Ferry Boat	No	Yes	No	No	No	No	No	No
Other	No	No	No	No	No	No	No	No
<b>Priority at Traffic Signals and Ramp Meter Priority</b>								
<u>Priority at Traffic Signals</u>								
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
<b>Number of Vehicles Equipped with Navigation Aids</b>								
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	65	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
<b>ITS Standards Used Related to Transit Management</b>								

Transit Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	LCEOC, Inc.		North Township of Lake County Dial-A-Ride		Northeast Illinois Regional Commuter RR Corporation		Northern Indiana Commuter	
	1999	2005	1999	2005	1999	2005	1999	2005
TCIP On Board Objects (TCIP-OB)	Yes		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)	Yes		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		No		Yes		Yes	
Have agreements in place with other agencies to use similar hardware and software to aid maintenance and interoperability?	No		No		No		No	
<b>Electronic Fare Payment</b>								
<b>Have full operational Electronic Fare Payment System?</b>	Yes		No		Yes		No	
<u>Methods of Fare Payment</u>								
<u>Stored value card with fare deducted for each trip</u>								
Magnetic Stripe	No		No		No		No	
Smart Card	Yes		No		No		No	
Debit Card	No		No		No		No	
<u>Billed by the month for trips taken</u>								
Magnetic Stripe	No		No		No		No	
Smart Card	Yes		No		No		No	
Credit Card	No		No		No		No	
<u>Monthly Pass</u>								
Magnetic Stripe	No		No		Yes		No	
Smart Card	Yes		No		No		No	
Vehicles/Stations Equipped with Automated Payment Mechanism								
<u>Magnetic Stripe Readers</u>								
Fixed Route Bus Vehicles	NR	NR	NR	NR	NR	NR	NR	NR
Heavy or Rapid Rail Stations	NR	NR	NR	NR	50	50	NR	NR
Light Rail Stations	NR	NR	NR	NR	NR	NR	NR	NR
Demand Responsive Vehicles	0	65	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
<u>Smart Card Readers</u>								
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

Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

	LCEOC, Inc.		North Township of Lake County Dial-A-Ride		Northeast Illinois Regional Commuter RR Corporation		Northern Indiana Commuter	
	1999	2005	1999	2005	1999	2005	1999	2005
Light Rail Stations	NR	NR	NR	NR	NR	NR	NR	NR
Demand Responsive Vehicles	0	65	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
<i>Credit Card</i>								
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	0	65	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
<i>Debit Card</i>								
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	0	65	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								

Transit Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Opportunity Enterprises Incorporated		PACE		Portage Township Transportation		Totals	
	1999	2005	1999	2005	1999	2005	1999	2005
<b>Agency Returned Survey?</b>	Yes		Yes		Yes		11	
<b>Number of vehicles used in revenue service</b>								
Fixed Route Bus	NR	NR	641	650	0	0	2,529	2,670
Heavy or Rapid Rail	NR	NR	NR	NR	0	0	2,042	2,084
Light Rail	NR	NR	NR	NR	0	0	0	0
Demand Responsive	22	22	340	350	1	1	631	722
Commuter Rail	NR	NR	NR	NR	0	0	0	0
Ferry Boat	NR	NR	NR	NR	0	0	0	0
<b>Have of plan to have an Automated Vehicle Location System?</b>	No		Yes		No		2	
<b>Primary and Secondary Location Technologies Used</b>								
<i>Primary Technologies</i>								
GPS	No	No	No	Yes	No	No	1	3
Sign/Odometer	No	No	No	No	No	No	0	1
Dead-Reckoning	No	No	No	No	No	No	0	2
LORAN C	No	No	No	No	No	No	1	1
Other	No	No	No	No	No	No	1	1
<i>Backup Technologies</i>								
GPS	No	No	No	No	No	No	1	1
Sign/Odometer	No	No	No	No	No	No	0	0
Dead-Reckoning	No	No	No	No	No	No	0	0
LORAN C	No	No	No	No	No	No	1	0
Other	No	No	No	No	No	No	0	1
<b>Number of Vehicles Equipped with AVL</b>								
Fixed Route Bus	NR	NR	0	400	NR	NR	1,200	2,420
Heavy or Rapid Rail	NR	NR	NR	NR	NR	NR	5	5
Light Rail	NR	NR	NR	NR	NR	NR	0	0
Demand Responsive	NR	NR	NR	NR	NR	NR	140	282
Commuter Rail	NR	NR	NR	NR	NR	NR	0	0
Ferry Boat	NR	NR	NR	NR	NR	NR	0	0
<b>Motor Buses Operated as Vehicle Probes</b>								
Number of Motor Buses equipped as probes on freeways?	NR		NR		NR		0	
Number of Motor Buses equipped as probes on arterials?	NR		NR		NR		0	
<b>Have Organized Regional Incident Management Program?</b>	No		Yes		Yes		4	

Transit Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Opportunity Enterprises Incorporated		PACE		Portage Township Transportation		Totals	
	1999	2005	1999	2005	1999	2005	1999	2005
<b>Have Automated Traveler Information System?</b>	No		Yes		No		6	
<u>Services Automated Traveler Info. System Applies:</u>								
Fixed Route	No		Yes		No		3	
Heavy Rail	No		No		No		2	
Light Rail	No		No		No		0	
Demand Responsive	No		No		No		2	
Commuter Rail	No		No		No		1	
Ferry	No		No		No		0	
<b>Locations where traveler information is displayed to public</b>								
Number of bus stops on fixed transit routes	NR	NR	NR	NR	NR	NR	12,900	12,900
Bus stops on fixed transit routes that display traveler info to the public	NR	NR	NR	NR	NR	NR	0	2
Number of rail stations	NR	NR	NR	NR	NR	NR	379	370
Number of rail stations that display traveler information	NR	NR	NR	NR	NR	NR	270	384
Number of other locations that display traveler information to public	NR	NR	NR	NR	NR	NR	0	0
<b>Number of vehicles the traveler information system has available</b>								
Fixed Route Bus	NR	NR	NR	NR	NR	NR	0	12
Heavy or Rapid Rail	NR	NR	NR	NR	NR	NR	1,100	1,100
Light Rail	NR	NR	NR	NR	NR	NR	0	0
Demand Responsive	NR	NR	NR	NR	NR	NR	0	90
Commuter Rail	NR	NR	NR	NR	NR	NR	0	0
Ferry Boat	NR	NR	NR	NR	NR	NR	0	0
<b>Deployment of Communications Technology</b>								
<u>Attributes of Radio System:</u>								
Digital?	Yes		No		No		2	
Analog?	No		Yes		No		7	
Trunked?	No		Yes		No		1	
Regular?	Yes		No		Yes		9	
<b>Services that use a Digital or Trunked Radio System</b>								
<u>Digital Only</u>								
Fixed Route Bus	No	No	No	Yes	No	No	0	2
Heavy or Rapid Rail	No	No	No	No	No	No	0	1
Light Rail	No	No	No	No	No	No	0	1
Demand Responsive	No	No	No	No	No	No	0	1
Commuter Rail	No	No	No	No	No	No	0	1
Ferry Boat	No	No	No	No	No	No	0	1
<u>Trunked Only</u>								
Fixed Route Bus	No	No	Yes	No	No	No	1	3
Heavy or Rapid Rail	No	No	No	No	No	No	0	2

Transit Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Opportunity Enterprises Incorporated		PACE		Portage Township Transportation		Totals	
	1999	2005	1999	2005	1999	2005	1999	2005
Light Rail	No	No	No	No	No	No	0	1
Demand Responsive	No	No	No	No	No	No	0	2
Commuter Rail	No	No	No	No	No	No	0	1
Ferry Boat	No	No	No	No	No	No	0	1
<b>Have of plan to have Automatic Passenger Counters (APCs)?</b>	No		Yes		No		3	
<b>Methods used to count passengers</b>								
Treadle Mats	No		No		No		0	
Infrared Beams	No		Yes		No		2	
<b>Primary and Secondary Location Technologies Used</b>								
<i>Primary Technologies</i>								
GPS	No	No	No	Yes	No	No	0	2
Differential GPS	No	No	No	No	No	No	0	1
Signpost/Odometer	No	No	Yes	No	No	No	1	0
Dead_Reckoning	No	No	No	No	No	No	0	1
LORAN C	No	No	No	No	No	No	0	0
Other	No	No	No	No	No	No	0	0
<i>Backup Technologies</i>								
GPS	No	No	No	No	No	No	0	0
Differential GPS	No	No	No	No	No	No	0	1
Signpost/Odometer	No	No	No	No	No	No	0	0
Dead_Reckoning	No	No	No	No	No	No	0	0
LORAN C	No	No	No	No	No	No	0	0
Other	No	No	No	No	No	No	0	0
<b>Number of Vehicles with APCs</b>								
Fixed Route Bus	NR	NR	80	100	NR	NR	90	232
Heavy or Rapid Rail	NR	NR	NR	NR	NR	NR	0	0
Light Rail	NR	NR	NR	NR	NR	NR	0	0
Demand Responsive	NR	NR	NR	NR	NR	NR	0	90
Commuter Rail	NR	NR	NR	NR	NR	NR	0	0
Ferry Boat	NR	NR	NR	NR	NR	NR	0	0
<b>Remote Real-Time Monitoring and Computer Assisted Dispatching</b>								
<i>Remote Real-Time Monitoring</i>								
Fixed Route Bus	NR	NR	NR	NR	NR	NR	0	2012
Heavy or Rapid Rail	NR	NR	NR	NR	NR	NR	133	133
Light Rail	NR	NR	NR	NR	NR	NR	0	0
Demand Responsive	NR	NR	NR	NR	NR	NR	0	65
Commuter Rail	NR	NR	NR	NR	NR	NR	0	0
Ferry Boat	NR	NR	NR	NR	NR	NR	0	0

Transit Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Opportunity Enterprises Incorporated		PACE		Portage Township Transportation		Totals	
	1999	2005	1999	2005	1999	2005	1999	2005
<u>Automated Dispatching or Control Software</u>								
Fixed Route Bus	NR	NR	NR	400	NR	NR	4	2,420
Heavy or Rapid Rail	NR	NR	NR	NR	NR	NR	133	133
Light Rail	NR	NR	NR	NR	NR	NR	0	0
Demand Responsive	NR	NR	NR	NR	NR	NR	142	232
Commuter Rail	NR	NR	NR	NR	NR	NR	0	0
Ferry Boat	NR	NR	NR	NR	NR	NR	0	0
<b>Coordinate or plan to coordinate travel request and vehicle dispatching for multiple agencies?</b>	No		No		No		3	
<b>Is there or will there be a Transportation Management Center (TMC) in the region that controls transit and highway modes?</b>	NR		Yes		NR		2	
Modes that TMC currently controls:								
Highways	No	No	No	No	No	No	1	0
Fixed Route Bus	No	No	No	No	No	No	0	1
Heavy or Rapid Rail	No	No	No	No	No	No	0	1
Light Rail	No	No	No	No	No	No	0	1
Demand Responsive	No	No	No	No	No	No	0	1
Commuter Rail	No	No	No	No	No	No	0	1
Ferry Boat	No	No	No	No	No	No	0	1
Other	No	No	No	No	No	No	0	0
<b>Priority at Traffic Signals and Ramp Meter Priority</b>								
<u>Priority at Traffic Signals</u>								
Fixed Route Bus	NR	NR	36	300	NR	NR	47	1,312
Light Rail	NR	NR	NR	NR	NR	NR	0	0
Demand Responsive	NR	NR	NR	NR	NR	NR	0	0
<u>Ramp Meter Priority</u>								
Fixed Route Bus	NR	NR	NR	NR	NR	NR	0	0
Demand Responsive	NR	NR	NR	NR	NR	NR	0	0
<b>Number of Vehicles Equipped with Navigation Aids</b>								
Fixed Route Bus	NR	NR	NR	NR	NR	NR	0	0
Heavy or Rapid Rail	NR	NR	NR	NR	NR	NR	0	0
Light Rail	NR	NR	NR	NR	NR	NR	0	0
Demand Responsive	NR	NR	NR	NR	NR	NR	0	65
Commuter Rail	NR	NR	NR	NR	NR	NR	0	0
Ferry Boat	NR	NR	NR	NR	NR	NR	0	0
<b>ITS Standards Used Related to Transit Management</b>								

Transit Management  
Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Opportunity Enterprises Incorporated		PACE		Portage Township Transportation		Totals	
	1999	2005	1999	2005	1999	2005	1999	2005
TCIP On Board Objects (TCIP-OB)	No		No		No		2	
TCIP Traffic Management Objects (TCIP-TM)	No		No		No		0	
TCIP Common Public Transportation Objects (TCIP-CPT)	No		No		No		0	
TCIP Passenger Information Objects (TCIP-PI)	No		No		No		1	
TCIP Incident Management Objects (TCIP-IM)	No		No		No		0	
TCIP Fare Collection Objects (TCIP-FC)	No		No		No		0	
TCIP Spatial Representation Objects (TCIP-SP)	No		No		No		0	
TCIP Control Center Objects (TCIP-CC)	No		No		No		0	
TCIP Scheduling/Runcutting Objects (TCIP-SCH)	No		No		No		1	
Send data communication between micro computer and heavy duty vehicle applications (SAE J1708)	No		No		No		0	
Would agency be willing to participate in testing of ITS Standards?	No		Yes		No		4	
Have agreements in place with other agencies to use similar hardware and software to aid maintenance and interoperability?	No		No		No		1	
<b>Electronic Fare Payment</b>								
<b>Have full operational Electronic Fare Payment System?</b>	No		Yes		No		4	
<u>Methods of Fare Payment</u>								
<u>Stored value card with fare deducted for each trip</u>								
Magnetic Stripe	No		Yes		No		2	
Smart Card	No		No		No		1	
Debit Card	No		No		No		1	
<u>Billed by the month for trips taken</u>								
Magnetic Stripe	No		No		No		0	
Smart Card	No		No		No		1	
Credit Card	No		No		No		0	
<u>Monthly Pass</u>								
Magnetic Stripe	No		Yes		No		2	
Smart Card	No		No		No		1	
Vehicles/Stations Equipped with Automated Payment Mechanism								
<u>Magnetic Stripe Readers</u>								
Fixed Route Bus Vehicles	NR	NR	600	650	NR	NR	2,472	2,650
Heavy or Rapid Rail Stations	NR	NR	NR	NR	NR	NR	188	188
Light Rail Stations	NR	NR	NR	NR	NR	NR	0	0
Demand Responsive Vehicles	NR	NR	0	350	NR	NR	0	415
Commuter Rail Stations	NR	NR	NR	NR	NR	NR	0	0
Ferry Boat Landings	NR	NR	NR	NR	NR	NR	0	0
<u>Smart Card Readers</u>								
Fixed Route Bus Vehicles	NR	NR	600	650	NR	NR	2,472	2,650
Heavy or Rapid Rail Stations	NR	NR	NR	NR	NR	NR	138	138

Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

	Opportunity Enterprises Incorporated		PACE		Portage Township Transportation		Totals	
	1999	2005	1999	2005	1999	2005	1999	2005
Light Rail Stations	NR	NR	NR	NR	NR	NR	0	0
Demand Responsive Vehicles	NR	NR	0	350	NR	NR	0	415
Commuter Rail Stations	NR	NR	NR	NR	NR	NR	0	0
Ferry Boat Landings	NR	NR	NR	NR	NR	NR	0	0
<u>Credit Card</u>								
Fixed Route Bus Vehicles	NR	NR	NR	NR	NR	NR	0	0
Heavy or Rapid Rail Stations	NR	NR	NR	NR	NR	NR	0	0
Light Rail Stations	NR	NR	NR	NR	NR	NR	0	0
Demand Responsive Vehicles	NR	NR	NR	NR	NR	NR	0	65
Commuter Rail Stations	NR	NR	NR	NR	NR	NR	0	0
Ferry Boat Landings	NR	NR	NR	NR	NR	NR	0	0
<u>Debit Card</u>								
Fixed Route Bus Vehicles	NR	NR	NR	NR	NR	NR	0	0
Heavy or Rapid Rail Stations	NR	NR	NR	NR	NR	NR	0	0
Light Rail Stations	NR	NR	NR	NR	NR	NR	0	0
Demand Responsive Vehicles	NR	NR	NR	NR	NR	NR	0	65
Commuter Rail Stations	NR	NR	NR	NR	NR	NR	0	0
Ferry Boat Landings	NR	NR	NR	NR	NR	NR	0	0
NR: No Response								

**Appendix J**  
**Transit Management Integration**

Transit Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Chicago Transit Authority (CTA)		Cook-DuPage Transportation	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b><u>Transit operators in the region that use the same electronic payment system</u></b>	PACE		None listed	
<b><u>Toll operators from whom you accept electronic payment of transit fare through the use of ETC media</u></b>	None listed		None listed	
<b><u>Receiving real-time information via electronic means from others</u></b>				
<b><u>Freeway Management agencies from which your agency receives freeway travel times, speeds, and conditions</u></b>				
<i>Receive Information</i>	Indiana Department of Transportation Highway Operations	Indiana Department of Transportation Highway Operations	None listed	None listed
<i>Share Infrastructure</i>	None listed	None listed	None listed	None listed
<b><u>Arterial Management agencies from which your agency receives arterial travel times, speeds, and conditions</u></b>				
<i>Receive Information</i>	None listed	None listed	None listed	None listed
<i>Share Infrastructure</i>	None listed	None listed	None listed	None listed
<b><u>Incident Management agencies from which your agency receives incident severity, location, and type</u></b>				
<i>Receive Information</i>	None listed	None listed	None listed	None listed
<i>Share Infrastructure</i>	None listed	None listed	None listed	None listed

Transit Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	East Chicago Transit		Hammond Transit System	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b><u>Transit operators in the region that use the same electronic payment system</u></b>	None listed		None listed	
<b><u>Toll operators from whom you accept electronic payment of transit fare through the use of ETC media</u></b>	None listed		None listed	
<b><u>Receiving real-time information via electronic means from others</u></b>				
<b><i>Freeway Management agencies from which your agency receives freeway travel times, speeds, and conditions</i></b>				
<i>Receive Information</i>	None listed	None listed	None listed	None listed
<i>Share Infrastructure</i>	None listed	None listed	None listed	None listed
<b><i>Arterial Management agencies from which your agency receives arterial travel times, speeds, and conditions</i></b>				
<i>Receive Information</i>	None listed	None listed	None listed	None listed
<i>Share Infrastructure</i>	None listed	None listed	None listed	None listed
<b><i>Incident Management agencies from which your agency receives incident severity, location, and type</i></b>				
<i>Receive Information</i>	None listed	None listed	None listed	None listed
<i>Share Infrastructure</i>	None listed	None listed	None listed	None listed

Transit Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	LCEOC, Inc.		North Township of Lake County Dial-A-Ride	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b><u>Transit operators in the region that use the same electronic payment system</u></b>	None listed		None listed	
<b><u>Toll operators from whom you accept electronic payment of transit fare through the use of ETC media</u></b>	None listed		None listed	
<b><u>Receiving real-time information via electronic means from others</u></b>				
<b><u>Freeway Management agencies from which your agency receives freeway travel times, speeds, and conditions</u></b>				
<i>Receive Information</i>	None listed	Indiana Department of Transportation Highway Operations, Indiana Department of Transportation La Porte District	None listed	None listed
<i>Share Infrastructure</i>	None listed	None listed	None listed	None listed
<b><u>Arterial Management agencies from which your agency receives arterial travel times, speeds, and conditions</u></b>				
<i>Receive Information</i>	None listed	Gary City, Lake County Division of Transportation- Illinois, Indiana Department of Transportation La Porte District, Porter County, Hammond City	None listed	None listed
<i>Share Infrastructure</i>	None listed	Gary City, Lake County Division of Transportation- Illinois, Indiana Department of Transportation La Porte District, Porter County, Hammond City	None listed	None listed
<b><u>Incident Management agencies from which your agency receives incident severity, location, and type</u></b>				
<i>Receive Information</i>	None listed	Indiana Department of Transportation La Porte District	None listed	None listed
<i>Share Infrastructure</i>	None listed	Indiana Department of Transportation La Porte District	None listed	None listed

Transit Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Northeast Illinois Regional Commuter RR Corporation		Northern Indiana Commuter	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b><u>Transit operators in the region that use the same electronic payment system</u></b>	None listed		None listed	
<b><u>Toll operators from whom you accept electronic payment of transit fare through the use of ETC media</u></b>	None listed		None listed	
<b><u>Receiving real-time information via electronic means from others</u></b>				
<b><u>Freeway Management agencies from which your agency receives freeway travel times, speeds, and conditions</u></b>				
<i>Receive Information</i>	Indiana Department of Transportation Highway Operations	None listed	None listed	None listed
<i>Share Infrastructure</i>	Indiana Department of Transportation Highway Operations	None listed	None listed	None listed
<b><u>Arterial Management agencies from which your agency receives arterial travel times, speeds, and conditions</u></b>				
<i>Receive Information</i>	None listed	None listed	None listed	None listed
<i>Share Infrastructure</i>	None listed	None listed	None listed	None listed
<b><u>Incident Management agencies from which your agency receives incident severity, location, and type</u></b>				
<i>Receive Information</i>	Indiana Department of Transportation Highway Operations	None listed	None listed	None listed
<i>Share Infrastructure</i>	Indiana Department of Transportation Highway Operations	None listed	None listed	None listed

Transit Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Opportunity Enterprises Incorporated		PACE	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b><u>Transit operators in the region that use the same electronic payment system</u></b>	None listed		Chicago Transit Authority (CTA)	
<b><u>Toll operators from whom you accept electronic payment of transit fare through the use of ETC media</u></b>	None listed		None listed	
<b><u>Receiving real-time information via electronic means from others</u></b>				
<b><i>Freeway Management agencies from which your agency receives freeway travel times, speeds, and conditions</i></b>				
<i>Receive Information</i>	None listed	None listed	None listed	None listed
<i>Share Infrastructure</i>	None listed	None listed	ISTHA	Illinois Department of Transportation
<b><i>Arterial Management agencies from which your agency receives arterial travel times, speeds, and conditions</i></b>				
<i>Receive Information</i>	None listed	None listed	None listed	None listed
<i>Share Infrastructure</i>	None listed	None listed	None listed	None listed
<b><i>Incident Management agencies from which your agency receives incident severity, location, and type</i></b>				
<i>Receive Information</i>	None listed	None listed	None listed	None listed
<i>Share Infrastructure</i>	None listed	None listed	None listed	None listed

Transit Management Integration  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Portage Township Transportation	
	1999	2005
Agency Returned Survey?	Yes	
<b><u>Transit operators in the region that use the same electronic payment system</u></b>	None listed	
<b><u>Toll operators from whom you accept electronic payment of transit fare through the use of ETC media</u></b>	None listed	
<b><u>Receiving real-time information via electronic means from others</u></b>		
<b><i>Freeway Management agencies from which your agency receives freeway travel times, speeds, and conditions</i></b>		
<i>Receive Information</i>	None listed	Illinois Department of Transportation, Indiana Department of Transportation Highway Operations
<i>Share Infrastructure</i>	None listed	None listed
<b><i>Arterial Management agencies from which your agency receives arterial travel times, speeds, and conditions</i></b>		
<i>Receive Information</i>	Porter County, Gary City, Lake County Division of Transportation-Illinois	Porter County
<i>Share Infrastructure</i>	None listed	None listed
<b><i>Incident Management agencies from which your agency receives incident severity, location, and type</i></b>		
<i>Receive Information</i>	None listed	Porter County, Indiana Department of Transportation Highway Operations
<i>Share Infrastructure</i>	None listed	None listed

**Appendix K**  
**Transit Management Information Collection and Dissemination**

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Chicago Transit Authority (CTA)		Cook-DuPage Transportation	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Methods used to disseminate transit information to the public</b>				
<b>Technologies your agency uses to disseminate:</b>				
Transit routes, schedules and fares	Audible Enunciators, Internet Web Sites	Internet Web Sites	NR	NR
Real-time transit schedule adherence or arrival and departure times	NR	Monitors/VMS (not in vehicle), In-vehicle navigation systems, Internet Web Sites	NR	NR
<b>Technologies employed by other organization receiving your data</b>				

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Chicago Transit Authority (CTA)		Cook-DuPage Transportation	
	1999	2005	1999	2005
Transit routes, schedules and fares	NR	Internet Web Sites	NR	NR
Real-time transit schedule adherence or arrival and departure times	NR	Monitors/VMS (not in vehicle), In-vehicle navigation systems, Internet Web Sites	NR	NR
Internet web site reporting transit routes, schedules and fare, etc.	www.transitchicago.com		NR	
Telephone system for reporting transit information to the public	NR		NR	
<b>Organizations your agency sends information for dissemination to the public</b>	Regional Transity Authority		NR	
<b>Data collected, archived, and/or transferred to another agency</b>				

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Chicago Transit Authority (CTA)		Cook-DuPage Transportation	
	1999	2005	1999	2005
Collected by your agency	Transit operations coordination information, Current roadway work zones for transit, Scheduled roadway work zones for transit, Emergency/evacuation routes and procedures	Passenger count, Vehicle monitoring status, Vehicle time and location, Incidents, Intermodal (air, rail, water) conditions, Highway operations coordination information, Transit vehicle signal priority	Passenger count, Vehicle time and location	Passenger count, Vehicle time and location

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Chicago Transit Authority (CTA)		Cook-DuPage Transportation	
	1999	2005	1999	2005
Archived by your agency	Current roadway work zones for transit, Scheduled roadway work zones for transit, Emergency/evacuation routes and procedures	Passenger count, Vehicle monitoring status, Vehicle time and location, Transit operations coordination information, Incidents, Current roadway work zones for transit, Highway operations coordination information, Transit vehicle signal priority	Passenger count, Vehicle time and location	Passenger count, Vehicle time and location

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Chicago Transit Authority (CTA)		Cook-DuPage Transportation	
	1999	2005	1999	2005
Transferred to another agency by your agency	NR	Intermodal (air, rail, water) conditions	Passenger count, Vehicle time and location	Passenger count, Vehicle time and location
<b>Importance of making information available to the public</b>				
Ranked High	Weather conditions, Passenger information (e.g., surveys, O/D), Vehicle monitoring status, Transit operations coordination information, Incidents, Current roadway work zones for transit, Scheduled roadway work zones for transit, Intermodal (air, rail, water) conditions, Emergency/evacuation routes and procedures, Highway operations coordination information		NR	

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Chicago Transit Authority (CTA)		Cook-DuPage Transportation	
	1999	2005	1999	2005
Ranked Medium	Road conditions, Route designations (snow emergency, etc)		Passenger count, Vehicle time and location	
Ranked Low	Passenger count, Emergency vehicle signal preemption, Vehicle time and location, Transit vehicle signal priority		NR	
<b>Groups that make requests for the data</b>	Media (i.e., TV stations, radio stations)		Chicago Transit Authority	
<b>What is the data used for?</b>	Dissemination to the public		Paying our company	

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	East Chicago Transit		Hammond Transit System	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Methods used to disseminate transit information to the public</b>				
<b>Technologies your agency uses to disseminate:</b>				
Transit routes, schedules and fares	Public Address System, Audible Enunciators, Variable Message Signs (in vehicle), Cell phone/voice	In-vehicle navigation systems	Internet Web Sites, Telephone System	Kiosks, Internet Web Sites, Telephone System
Real-time transit schedule adherence or arrival and departure times	NR	NR	NR	In-vehicle navigation systems, Kiosks, Internet Web Sites, Telephone System
<b>Technologies employed by other organization receiving your data</b>				

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	East Chicago Transit		Hammond Transit System	
	1999	2005	1999	2005
Transit routes, schedules and fares	NR	NR	Internet Web Sites, Telephone System	Kiosks, Internet Web Sites, Telephone System
Real-time transit schedule adherence or arrival and departure times	NR	NR	NR	In-vehicle navigation systems, Kiosks, Internet Web Sites, Telephone System
Internet web site reporting transit routes, schedules and fare, etc.	NR		www.ci.hammond.in.us	
Telephone system for reporting transit information to the public	213-391-8465		219-853-6401 219-853-6513	
<b>Organizations your agency sends information for dissemination to the public</b>	Recreation Centers Hospitals healthy Start Libraries Hammond and Gary Public Transit Systems		All city departments Senior centers Schools Businesses	
<b>Data collected, archived, and/or transferred to another agency</b>				

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	East Chicago Transit		Hammond Transit System	
	1999	2005	1999	2005
Collected by your agency	<p>Scheduled roadway work zones for transit, Current roadway work zones for transit, Incidents, Weather conditions, Route designations (snow emergency, etc), Transit vehicle signal priority, Emergency vehicle signal preemption, Road conditions, Passenger information (e.g., surveys, O/D), Passenger count, Vehicle time and location</p>	<p>Vehicle monitoring status</p>	<p>Emergency/evacuation routes and procedures, Intermodal (air, rail, water) conditions, Incidents, Passenger information (e.g., surveys, O/D), Passenger count, Vehicle time and location</p>	<p>Transit operations coordination information, Weather conditions, Route designations (snow emergency, etc), Transit vehicle signal priority, Road conditions, Vehicle monitoring status</p>

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	East Chicago Transit		Hammond Transit System	
	1999	2005	1999	2005
Archived by your agency	NR	NR	Emergency/evacuation routes and procedures, Intermodal (air, rail, water) conditions, Incidents, Passenger information (e.g., surveys, O/D), Passenger count	Transit operations coordination information, Weather conditions, Transit vehicle signal priority, Road conditions, Vehicle monitoring status

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	East Chicago Transit		Hammond Transit System	
	1999	2005	1999	2005
Transferred to another agency by your agency			Emergency/evacuation routes and procedures, Intermodal (air, rail, water) conditions, Incidents, Passenger information (e.g., surveys, O/D), Passenger count	Transit operations coordination information, Weather conditions, Transit vehicle signal priority, Road conditions
<b>Importance of making information available to the public</b>				
Ranked High			Transit operations coordination information, Emergency/evacuation routes and procedures, Intermodal (air, rail, water) conditions, Vehicle monitoring status, Passenger information (e.g., surveys, O/D), Vehicle time and location	

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	East Chicago Transit		Hammond Transit System	
	1999	2005	1999	2005
Ranked Medium	NR		Weather conditions, Passenger count	
Ranked Low	NR		Incidents, Route designations (snow emergency, etc), Transit vehicle signal priority, Road conditions	
<b>Groups that make requests for the data</b>	Consultants, Media (i.e., TV stations, radio stations), Federal DOT personnel, State DOT personnel, Universities		Consultants, MPOs, Federal DOT personnel, State DOT personnel	
<b>What is the data used for?</b>	Planning, Traffic analysis		Dissemination to the public, Planning, Traffic analysis	

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	LCEOC, Inc.		North Township of Lake County Dial-A-Ride	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Methods used to disseminate transit information to the public</b>				
<b>Technologies your agency uses to disseminate:</b>				
Transit routes, schedules and fares	NR	Facsimile, Audible Enunciators, Monitors/VMS (not in vehicle), Variable Message Signs (in vehicle), Cell phone/data, Cell phone/voice, In-vehicle navigation systems, E-mail or other direct PC communication, Kiosks, Interactive TV, Pagers or personal data assistants, Internet Web Sites, Telephone System, Dedicated cable TV	NR	NR
Real-time transit schedule adherence or arrival and departure times	NR	Facsimile, Audible Enunciators, Monitors/VMS (not in vehicle), Variable Message Signs (in vehicle), Cell phone/data, Cell phone/voice, In-vehicle navigation systems, E-mail or other direct PC communication, Kiosks, Interactive TV, Pagers or personal data assistants, Internet Web Sites, Telephone System, Dedicated cable TV	NR	NR
<b>Technologies employed by other organization receiving your data</b>				

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	LCEOC, Inc.		North Township of Lake County Dial-A-Ride	
	1999	2005	1999	2005
Transit routes, schedules and fares	NR	Facsimile, Audible Enunciators, Monitors/VMS (not in vehicle), Variable Message Signs (in vehicle), Cell phone/data, Cell phone/voice, In-vehicle navigation systems, E-mail or other direct PC communication, Kiosks, Interactive TV, Pagers or personal data assistants, Internet Web Sites, Telephone System	NR	NR
Real-time transit schedule adherence or arrival and departure times	NR	Facsimile, Audible Enunciators, Monitors/VMS (not in vehicle), Variable Message Signs (in vehicle), Cell phone/data, Cell phone/voice, In-vehicle navigation systems, E-mail or other direct PC communication, Kiosks, Interactive TV, Pagers or personal data assistants, Internet Web Sites, Telephone System, Dedicated cable TV	NR	NR
Internet web site reporting transit routes, schedules and fare, etc.	NR		NR	
Telephone system for reporting transit information to the public	NR		NR	
<b>Organizations your agency sends information for dissemination to the public</b>	NR		NR	
<b>Data collected, archived, and/or transferred to another agency</b>				

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	LCEOC, Inc.		North Township of Lake County Dial-A-Ride	
	1999	2005	1999	2005
Collected by your agency		Weather conditions, Passenger count, Trip itinerary planning records, Passenger information (e.g., surveys, O/D), Vehicle monitoring status, Road conditions, Emergency vehicle signal preemption, Vehicle time and location, Route designations (snow emergency, etc), Transit operations coordination information, Incidents, Current roadway work zones for transit, Scheduled roadway work zones for transit, Intermodal (air, rail, water) conditions, Emergency/evacuation routes and procedures, Highway operations coordination information, Transit vehicle signal priority		
	NR		NR	NR

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	LCEOC, Inc.		North Township of Lake County Dial-A-Ride	
	1999	2005	1999	2005
Archived by your agency	NR	Weather conditions, Passenger count, Trip itinerary planning records, Passenger information (e.g., surveys, O/D), Vehicle monitoring status, Road conditions, Emergency vehicle signal preemption, Vehicle time and location, Route designations (snow emergency, etc), Transit operations coordination information, Incidents, Current roadway work zones for transit, Scheduled roadway work zones for transit, Intermodal (air, rail, water) conditions, Emergency/evacuation routes and procedures, Highway operations coordination information, Transit vehicle signal priority	NR	NR

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	LCEOC, Inc.		North Township of Lake County Dial-A-Ride	
	1999	2005	1999	2005
Transferred to another agency by your agency		Weather conditions, Passenger count, Trip itinerary planning records, Passenger information (e.g., surveys, O/D), Vehicle monitoring status, Road conditions, Emergency vehicle signal preemption, Vehicle time and location, Route designations (snow emergency, etc), Transit operations coordination information, Incidents, Current roadway work zones for transit, Scheduled roadway work zones for transit, Intermodal (air, rail, water) conditions, Emergency/evacuation routes and procedures, Highway operations coordination information, Transit vehicle signal priority		
	NR		NR	NR
<b>Importance of making information available to the public</b>				
Ranked High		Passenger count, Vehicle monitoring status, Vehicle time and location, Route designations (snow emergency, etc), Transit operations coordination information, Current roadway work zones for transit, Scheduled roadway work zones for transit		NR

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	LCEOC, Inc.		North Township of Lake County Dial-A-Ride	
	1999	2005	1999	2005
Ranked Medium	Weather conditions, Trip itinerary planning records, Passenger information (e.g., surveys, O/D), Road conditions, Incidents, Intermodal (air, rail, water) conditions, Emergency/evacuation routes and procedures, Highway operations coordination information		NR	
Ranked Low	Emergency vehicle signal preemption		NR	
<b>Groups that make requests for the data</b>	MPOs, Federal DOT personnel		NR	
<b>What is the data used for?</b>	Planning		NR	

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Northeast Illinois Regional Commuter RR Corporation		Northern Indiana Commuter	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Methods used to disseminate transit information to the public</b>				
<b>Technologies your agency uses to disseminate:</b>				
Transit routes, schedules and fares	Cell phone/voice, Kiosks, Pagers or personal data assistants, Internet Web Sites, Telephone System	NR	E-mail or other direct PC communication, Internet Web Sites, Telephone System	Variable Message Signs at stations
Real-time transit schedule adherence or arrival and departure times	NR	Monitors/VMS (not in vehicle)	NR	Variable Message Signs at stations
<b>Technologies employed by other organization receiving your data</b>				

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Northeast Illinois Regional Commuter RR Corporation		Northern Indiana Commuter	
	1999	2005	1999	2005
Transit routes, schedules and fares				
	Telephone System	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.	www.metrotransit.com		www.nictd.com	
Telephone system for reporting transit information to the public	312.322.6777		800-356-2079	
<b>Organizations your agency sends information for dissemination to the public</b>	RTA IDOT		NR	
<b>Data collected, archived, and/or transferred to another agency</b>				

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Northeast Illinois Regional Commuter RR Corporation		Northern Indiana Commuter	
	1999	2005	1999	2005
Collected by your agency				
	Emergency/evacuation routes and procedures, Passenger information (e.g., surveys, O/D), Passenger count	Vehicle time and location	Incidents, Passenger information (e.g., surveys, O/D), Passenger count	NR

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Northeast Illinois Regional Commuter RR Corporation		Northern Indiana Commuter	
	1999	2005	1999	2005
Archived by your agency				
	Emergency/evacuation routes and procedures, Passenger information (e.g., surveys, O/D), Passenger count	Vehicle time and location	Incidents, Passenger information (e.g., surveys, O/D), Passenger count	NR

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Northeast Illinois Regional Commuter RR Corporation		Northern Indiana Commuter	
	1999	2005	1999	2005
Transferred to another agency by your agency	Emergency/evacuation routes and procedures, Passenger count	NR	Incidents, Passenger information (e.g., surveys, O/D), Passenger count	NR
<b>Importance of making information available to the public</b>				
Ranked High	Emergency/evacuation routes and procedures, Passenger count, Vehicle time and location		NR	

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Northeast Illinois Regional Commuter RR Corporation		Northern Indiana Commuter	
	1999	2005	1999	2005
Ranked Medium	Passenger information (e.g., surveys, O/D)		Incidents, Passenger information (e.g., surveys, O/D), Passenger count	
Ranked Low	NR		NR	
<b>Groups that make requests for the data</b>	MPOs, Federal DOT personnel, State DOT personnel		Consultants, MPOs, Media (i.e., TV stations, radio stations), Federal DOT personnel, State DOT personnel	
<b>What is the data used for?</b>	Various grant activities		Dissemination to the public, Planning	

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Opportunity Enterprises Incorporated		PACE	
	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes	
<b>Methods used to disseminate transit information to the public</b>				
<b>Technologies your agency uses to disseminate:</b>				
Transit routes, schedules and fares	NR	NR	E-mail or other direct PC communication, Internet Web Sites, Telephone System	Audible Enunciators, Monitors/VMS (not in vehicle), Variable Message Signs (in vehicle), Kiosks
Real-time transit schedule adherence or arrival and departure times	NR	NR	NR	Audible Enunciators, Monitors/VMS (not in vehicle), Variable Message Signs (in vehicle), Kiosks, Internet Web Sites, Telephone System
<b>Technologies employed by other organization receiving your data</b>				

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Opportunity Enterprises Incorporated		PACE	
	1999	2005	1999	2005
Transit routes, schedules and fares	NR	NR	E-mail or other direct PC communication, Internet Web Sites, Telephone System	Audible Enunciators, Monitors/VMS (not in vehicle), Variable Message Signs (in vehicle), Kiosks
Real-time transit schedule adherence or arrival and departure times	NR	NR	NR	Audible Enunciators, Monitors/VMS (not in vehicle), Variable Message Signs (in vehicle), Kiosks, Internet Web Sites, Telephone System
Internet web site reporting transit routes, schedules and fare, etc.	NR		www.pacebus.com	
Telephone system for reporting transit information to the public	NR		312-836-7000	
<b>Organizations your agency sends information for dissemination to the public</b>	NR		Regional Transportation Authority	
<b>Data collected, archived, and/or transferred to another agency</b>				

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Opportunity Enterprises Incorporated		PACE	
	1999	2005	1999	2005
Collected by your agency	NR	NR	Passenger information (e.g., surveys, O/D)	Transit operations coordination information, Highway operations coordination information, Incidents, Passenger information (e.g., surveys, O/D), Passenger count, Vehicle time and location

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Opportunity Enterprises Incorporated		PACE	
	1999	2005	1999	2005
Archived by your agency				
	NR	NR	NR	NR

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Opportunity Enterprises Incorporated		PACE	
	1999	2005	1999	2005
Transferred to another agency by your agency				Transit operations coordination information, Highway operations coordination information, Vehicle time and location
	NR	NR	NR	
<b>Importance of making information available to the public</b>				
Ranked High				Vehicle time and location
	NR			

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Opportunity Enterprises Incorporated		PACE	
	1999	2005	1999	2005
Ranked Medium	NR		Transit operations coordination information, Highway operations coordination information	
Ranked Low	NR		NR	
<b>Groups that make requests for the data</b>	NR		Advanced Traveler Information Systems (ATIS) providers, Consultants, State DOT personnel	
<b>What is the data used for?</b>	NR		Dissemination to the public, Roadway impact analysis, Planning	

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Portage Township Transportation	
	1999	2005
Agency Returned Survey?	Yes	
<b>Methods used to disseminate transit information to the public</b>		
<b>Technologies your agency uses to disseminate:</b>		
Transit routes, schedules and fares	NR	NR
Real-time transit schedule adherence or arrival and departure times	NR	NR
<b>Technologies employed by other organization receiving your data</b>		

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Portage Township Transportation	
	1999	2005
Transit routes, schedules and fares	NR	NR
Real-time transit schedule adherence or arrival and departure times	NR	NR
Internet web site reporting transit routes, schedules and fare, etc.	NR	
Telephone system for reporting transit information to the public	NR	
<b>Organizations your agency sends information for dissemination to the public</b>	NR	
<b>Data collected, archived, and/or transferred to another agency</b>		

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Portage Township Transportation	
	1999	2005
Collected by your agency	NR	Route designations (snow emergency, etc), Passenger count, Trip itinerary planning records, Passenger information (e.g., surveys, O/D), Vehicle monitoring status, Road conditions, Vehicle time and location, Transit vehicle signal priority, Transit operations coordination information, Weather conditions, Incidents, Current roadway work zones for transit, Scheduled roadway work zones for transit, Emergency/evacuation routes and procedures, Highway operations coordination information, Emergency vehicle signal preemption

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Portage Township Transportation	
	1999	2005
Archived by your agency	NR	NR

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Portage Township Transportation	
	1999	2005
Transferred to another agency by your agency		
	NR	NR
<b>Importance of making information available to the public</b>		
Ranked High	Route designations (snow emergency, etc), Road conditions, Transit vehicle signal priority, Transit operations coordination information, Weather conditions, Incidents, Current roadway work zones for transit, Scheduled roadway work zones for transit, Emergency/evacuation routes and procedures, Highway operations coordination information, Emergency vehicle signal preemption	

Data Collection and Dissemination: Transit Management  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Portage Township Transportation	
	1999	2005
Ranked Medium	NR	
Ranked Low	Passenger count, Trip itinerary planning records, Passenger information (e.g., surveys, O/D), Vehicle monitoring status, Vehicle time and location	
<b>Groups that make requests for the data</b>	Federal DOT personnel, State DOT personnel, Universities	
<b>What is the data used for?</b>	Accident prediction models, Planning	

**Appendix L**  
**Emergency Management**

Emergency Management Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Total Vehicles		Navigation Capabilities		AVL		CAD		Equipped with Mobile Data Terminal		Traffic Signal Sys. Comm.		Participate in Formal Incident Mgt Program	Send Incident Info to other agencies	List of agencies receiving data
	1999	2005	1999	2005	1999	2005	1999	2005	1999	2005	1999	2005			
<i>Mount Prospect Police Department</i>	18	18	NR	NR	18	18	18	28	14	28	0	0	Yes	Yes	ESDA
<i>Oak Lawn Village Fire Department (Emergency Medical Services)</i>	5	5	0	NR	0	NR	5	5	0	5	0	NR	Yes	No	None listed
<i>Oak Lawn Village Fire Department</i>	6	6	0	0	0	0	6	6	0	6	2	5	Yes	No	None listed
<i>Lake County Emergency Management</i>	2	NR	1	NR	0	NR	0	NR	0	NR	0	NR	Yes	No	None listed
<i>Central Stickney Fire Protection District</i>	4	NR	0	NR	0	NR	4	NR	0	NR	0	NR	NR	No	None listed
<i>Central Stickney Fire Protection District (Emergency Medical)</i>	2	NR	0	NR	0	NR	2	NR	0	NR	0	NR	Yes	No	None listed
<i>Roberts Park Fire Protection District (Emergency Medical)</i>	2	2	0	0	0	0	2	2	0	0	2	2	Yes	No	None listed
<i>Roberts Park Fire Protection District</i>	5	5	0	0	0	0	5	5	0	0	3	3	Yes	No	None listed
<i>Evergreen Park Fire Department (Emergency Medical)</i>	3	3	0	0	0	0	3	3	0	0	3	3	Yes	No	None listed
<i>Oak Park City Fire Department</i>	5	5	0	0	0	0	4	4	4	5	0	0	Yes	Yes	State Fire Marshal
<i>Oak Park City Fire Department (Emergency Medical)</i>	3	3	0	0	0	0	2	2	2	3	0	0	Yes	Yes	State Fire Marshal
<i>Chicago City Fire Department</i>	220	230	220	230	220	230	220	230	220	230	12	12	Yes	No	None listed
<i>Skokie Village Fire Prevention Bureau (Emergency Medical)</i>	3	4	0	0	0	0	3	4	0	3	2	4	Yes	Yes	St. Francis Hospital, Evanston, Illinois, Illinois Department of Transportation
<i>Indiana State Police</i>	8	8	0	0	0	0	8	8	0	0	0	0	No	Yes	Indiana State Police, District #13, Indiana Department of Transportation La Porte Dist, Indiana State Police, Operations @ GHQ, Indiana State County Police Agencies, Indiana State City Police Agencies
<i>Oak Lawn Village Police Department</i>	19	19	0	0	0	0	19	19	18	19	0	0	Yes	No	None listed
<i>Naperville City Fire Department</i>	15	17	0	0	0	0	15	17	15	17	12	14	Yes	No	None listed
<i>Naperville City Fire Department -Emergency Medical Services</i>	5	6	0	0	0	0	5	6	5	5	5	6	Yes	No	None listed
<i>Naperville City Emergency Management Agency</i>	3	3	0	0	0	0	3	3	3	3	0	0	Yes	No	None listed
<i>Elgin City Police Department</i>	48	80	48	80	48	80	48	80	48	80	0	0	No	No	None listed
<i>Hammond City Fire Department</i>	19	NR	0	NR	0	NR	0	NR	0	NR	0	NR	Yes	Yes	None listed
<i>McHenry County Sheriff Department</i>	93	99	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	Yes	No	None listed
<i>Lake County Sheriff Department</i>	126	NR	0	NR	0	NR	126	NR	0	NR	0	NR	No	No	None listed
<i>Elgin City Emergency Medcial Services</i>	4	5	0	5	0	5	4	5	0	5	0	0	Yes	No	None listed
<i>Elgin City Fire Department</i>	9	10	0	10	0	10	9	10	0	10	0	0	Yes	No	None listed
<i>Joliet City Police Department</i>	185	210	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	Yes	No	None listed

Emergency Management Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Total Vehicles		Navigation Capabilities		AVL		CAD		Equipped with Mobile Data Terminal		Traffic Signal Sys. Comm.		Participate in Formal Incident Mgt Program	Send Incident Info to other agencies	List of agencies receiving data
	1999	2005	1999	2005	1999	2005	1999	2005	1999	2005	1999	2005			
<i>Skokie Village Fire Prevention Bureau</i>	10	11	0	0	0	0	10	11	1	8	3	8	Yes	Yes	Illinois State Fire Marshal, NFRS
<i>Oak Park City Police Department</i>	37	37	0	9	0	0	NR	37	15	37	0	0	No	Yes	State of Illinois
<i>Arlington Heights Police Department</i>	27	NR	0	NR	NR	NR	23	NR	NR	NR	0	NR	No	No	None listed
<i>Aurora City Police Department</i>	112	130	0	0	0	0	60	70	60	70	0	0	No	No	None listed
<i>Will County Sheriff Department</i>	160	200	0	0	0	0	100	200	10	200	0	0	Yes	Yes	Will County Emergency Management Agency
<i>Joliet City Fire Department (EMS)</i>	9	12	0	0	0	0	9	12	0	12	2	10	Yes	Yes	Local Emergency Management Agency
<i>Joliet City Fire Department</i>	46	55	0	0	0	0	46	55	0	45	3	12	Yes	Yes	Local Emergency Management Agency
<i>LaPorte County Sheriffs Department</i>	55	NR	0	NR	0	NR	0	NR	0	NR	0	NR	No	No	None listed
<i>Aurora City Fire &amp; EMS Department(Fire)</i>	18	18	0	0	0	0	18	18	12	12	0	0	Yes	No	None listed
<i>Aurora City Fire &amp; EMS Department(EMS)</i>	9	9	0	0	0	0	9	9	6	6	0	0	Yes	No	None listed
<i>Chicago City Police Department</i>	3234	3234	0	0	0	0	1632	1632	155	155	0	0	Yes	No	None listed
<i>Skokie Village Police Department</i>	50	50	0	0	1	1	18	25	0	0	0	0	Yes	No	None listed
<i>Kane County Sheriff Department</i>	100	NR	0	NR	0	NR	100	NR	3	NR	0	NR	No	Yes	Kane County Sheriffs Office Communications Center, Kane County Office of Emergency Management
<i>Illinois State Police District Chicago</i>	370	NR	0	NR	0	NR	370	NR	231	NR	0	NR	Yes	No	None listed
<i>North Palos Fire Protection District (Emergency Medical)</i>	3	0	0	0	0	NR	3	3	0	NR	0	3	Yes	No	None listed
<i>Arlington Heights Fire Department</i>	9	10	1	10	0	0	9	10	1	10	9	10	Yes	No	None listed
<i>North Palos Fire Protection District</i>	4	5	0	5	0	5	4	5	0	5	0	5	Yes	No	None listed
<i>Naperville City Police Department</i>	38	45	0	0	0	0	38	45	38	45	0	0	Yes	No	None listed
<i>DuPage County Sheriffs Department</i>	102	120	0	0	0	0	102	120	102	120	1	120	Yes	Yes	None listed
<i>Schaumburg Emergency Medical Services</i>	5	NR	0	NR	0	NR	5	NR	5	NR	5	NR	Yes	No	None listed
<i>Schaumburg Fire Department</i>	11	NR	0	NR	0	NR	11	NR	11	NR	11	NR	Yes	No	None listed
<i>Schaumburg Police Department</i>	45	50	0	50	30	50	45	50	45	45	0	0	Yes	No	None listed
<i>Hammond City Police Department</i>	141	150	0	0	0	0	46	NR	46	NR	0	0	No	No	None listed
<i>Evergreen Park Fire Department</i>	7	7	0	0	0	0	7	7	0	0	7	7	Yes	No	None listed
<i>Burbank Fire Department (Emergency Medical Services)</i>	3	3	0	0	0	0	3	3	0	0	0	0	Yes	No	None listed
<i>Burbank Fire Department</i>	6	6	0	0	0	0	6	6	0	0	0	0	Yes	No	None listed
<i>Burbank Police Department</i>	19	19	0	0	0	0	19	19	17	19	0	0	Yes	No	None listed
<i>Evergreen Park Police Department</i>	22	22	0	0	0	0	22	22	16	16	0	0	Yes	No	None listed

Emergency Management Agencies for Metropolitan Area: Chicago, Gary, Lake County

Agency Name	Total Vehicles		Navigation Capabilities		AVL		CAD		Equipped with Mobile Data Terminal		Traffic Signal Sys. Comm.		Participate in Formal Incident Mgt Program	Send Incident Info to other agencies	List of agencies receiving data
	1999	2005	1999	2005	1999	2005	1999	2005	1999	2005	1999	2005			
<i>Porter County Sheriffs Department</i>	100	120	0	0	0	0	0	60	45	120	0	0	Yes	No	None listed
<i>Arlington Heights Fire Department (Emergency Medical)</i>	4	4	0	4	0	0	4	4	0	4	4	4	Yes	No	None listed

**Appendix M**  
**Electronic Toll Collection**

Electronic Toll Collection  
 Agencies for Metropolitan Area: Chicago, Gary, Lake County

	ISTHA/I-294 Tri-State Tollway		ISTHA/I-355 North-South Tollway		ISTHA/I-88 East West Tollway		Totals	
	1999	2005	1999	2005	1999	2005	1999	2005
Agency Returned Survey?	Yes		Yes		Yes		3	
<b>Number of toll Collection Plazas operated</b>	23	NR	10	NR	16	NR	49	0
<b>Number of toll collection plazas with dedicated ETC</b>	7	NR	2	NR	1	NR	10	0
<b>Number of toll collection plazas with both manual and ETC</b>	23	NR	10	NR	16	NR	49	0
<b>Number of toll collection lanes operated</b>	212	NR	68	NR	72	NR	352	0
<b>Number of toll collection lanes with dedicated ETC</b>	10	NR	4	NR	2	NR	16	0
<b>Number of toll collection lanes with both manual and ETC</b>	202	NR	64	NR	70	NR	336	0
<b>Number of toll collection tags issued</b>	195,000	NR	195,000	NR	195,000	NR	585,000	0
<b>Antennae Location Technologies</b>								
In-Pavement?	No		No		No		0	
Focused Beam?	No		No		No		0	
Distributed Overhead?	Yes		Yes		Yes		3	
<b>In-Vehicle Equipment Technologies</b>								
Tag-based?	Yes		Yes		Yes		3	
Integrated circuit card-based?	No		No		No		0	
<b>Are toll tags used by other toll operations in metro area?</b>	No		No		No		0	
List of toll operators that use tags	None		None		None			
<b>Are toll tags used by operators of public transit to pay transit fares in metro area?</b>	No		No		No		0	
List of transit operators that use tags	None		None		None			
NR: No Response								