



The Pennsylvania Department of Transportation (PennDOT District 2-0) has commissioned this program, Regional Intelligent Transportation Systems Architecture Development Program, with the aim of addressing major transportation issues in the region, creating a framework to identify transportation system components and interconnections, improving communications, and identifying integration opportunities as defined in the National ITS Architecture.

A key element for the success of this program is input from local residents, transportation agencies, and non-transportation agencies about major transportation issues affecting your local area.

Please take a few minutes to complete this questionnaire. The information received from this questionnaire will be compiled in a database and used to inventory ITS technologies and services currently deployed in the region. It will also help us identify and prioritize transportation needs in your local area.

If you have any questions, please contact the project manager on (215) 735-1932 or email him at kcaglar@orth-roddgers.com.

Thank you for your cooperation.

Commercial Vehicle Operations

Local Area: _____ Date Completed: _____
Name: _____ Title: _____
Organization: _____
Street: _____
City: _____ State: _____ Zip: _____
Phone Number: _____ Fax Number: _____
Email: _____

Technical questions can be directed to:

Please return completed questionnaire to:

1. Please identify the geographical and/or jurisdictional areas to which your answers to this survey apply (e.g., all freeways within the region, or freeways only within certain counties). Area of geographical or jurisdictional coverage:



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2. Do you have any communication capabilities with your drivers when they are traveling?

YES _____ NO _____

If YES, how do you communicate?

If NO, does your company have any implementation plans for communications?

3. Does your company use computers to exchange data among your business units or with other organizations on a regular basis?

YES _____ NO _____

4. Are drivers schedules/freight movements established with the aid of a computer?

YES _____ NO _____ SOMETIMES _____

How important is it to be able to communicate with your drivers while they are traveling?

(Please check only one response)

- Very Important
- Somewhat important
- Somewhat unimportant
- Not important

5. Do you know where your trucks are when they are traveling? YES _____ NO _____

If YES, how do you know?

6. Does your company currently have or use any equipment for automatically monitoring the position of your vehicles?

YES _____ NO _____

If NO, does your company have any implementation plans?

7. Would it be helpful to know the position of your vehicles while they are traveling?

YES _____ NO _____

If YES, explain why



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8. List the class (1 through 9) or the approximate weight of your vehicles for . . .

	Vehicle Class (or)	Vehicle Weight	No. of Vehicles in Fleet
Local delivery routes	_____	_____	_____
Interstate routes	_____	_____	_____
Intrastate routes	_____	_____	_____

9. What is the average cost or the time value associated with operating your vehicles?

(\$/unit of time, ie. hour, minute, second, etc.) _____ Dollars per _____

10. How often does your company need to obtain "Class 9" permitting (for over dimensional vehicles)?

- Daily
- More than twice a week
- Weekly
- Every other week
- Several times a year
- About once a year
- Less than once a year
- Never

11. Approximately, how many hazardous materials permits does your company need to obtain yearly?

(Please express in #/year) _____

12. Would your company be interested in using an electronic toll collection system that would enable your trucks to pay their tolls automatically, if a nominal fee was charged?

YES _____ NO _____ UNDECIDED _____

If YES, why? _____



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13. On a scale of 1 to 4 (with 4 being very important), give the relative importance for what specific types of information about roadway and weather conditions would be of interest to your drivers when traveling on roadways? (Circle only one answer for each of the following)

	Not Important	Somewhat Unimportant	Somewhat Important	Very Important
a. The location and length of a delay or congestion	1	2	3	4
b. Alternate routes that could be used when there is a major incident	1	2	3	4
c. Parking availability at service plazas	1	2	3	4
d. Delays at toll plazas	1	2	3	4
e. Construction information (Lane closed, duration, length, location, etc.)	1	2	3	4
f. Weather conditions	1	2	3	4
g. Roadway surface conditions	1	2	3	4
h. Off Freeway information	1	2	3	4
i. Hotel/Destination information	1	2	3	4
j. Other: _____	1	2	3	4

(Note): Please place one asterisk * next to the single most important of the responses listed above

14. On a scale of 1 to 4 (with 4 being very important), what is the relative importance for when you would like your drivers to receive information about roadway and weather conditions (such as accidents, delays, vehicle restrictions, snowstorms, icy roads, fog, etc.)? (Circle only one answer for each of the following)

	Not Important	Somewhat Unimportant	Somewhat Important	Very Important
a. Before starting your trip	1	2	3	4
b. Before starting your trip	1	2	3	4
c. Before entering a freeway	1	2	3	4
d. While driving on a freeway	1	2	3	4
e. At Service Plazas	1	2	3	4
Other (specify) _____	1	2	3	4

(Note): Please place one asterisk * next to the single most important of the responses listed above



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15. If accurate, up-to-the-minute information on roadway and weather conditions were available to your drivers, how would you like them to receive this information? (Again, please rate on a scale of 1 to 4, with 4 being very important and circle only one answer for each of the following)

	Not Important	Somewhat Unimportant	Somewhat Important	Very Important
a. TV at Home/Work	1	2	3	4
b. Telephone at Home/Work	1	2	3	4
c. Computer Bulletin Board at Home/Work	1	2	3	4
d. FAX at Home/Work	1	2	3	4
e. Commercial Radio at Home/Work	1	2	3	4
f. Commercial Radio in your Vehicle	1	2	3	4
g. Highway Advisory Radio	1	2	3	4
h. Dynamic Message Signs along the Roadway	1	2	3	4
i. Displays within service plazas	1	2	3	4
j. Through a car phone	1	2	3	4
k. Through a computer in your vehicle	1	2	3	4
l. Other (Specify) _____	1	2	3	4

(Note): Please place one asterisk * next to the single most important of the responses listed above

16. Does your company and/or drivers use toll free roadway and weather information service?

YES _____ NO _____

17. Currently, how does your company and/or drivers receive advance information regarding roadway and/or weather conditions? _____

18. How reliable is this information? _____

19. Does your organization have any other intermodal activities that could be facilitated by this ITS program?

YES _____ NO _____

If Yes, please specify _____



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20. Does your organization have a need for a trailer storage area near/on the major freeways in the region?

YES _____ NO _____

21. Any suggestions for ways in which traffic and/or weather information could assist your operations? _____

22. Would you like to receive an update on the results of this project?

YES _____ NO _____



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Additional Comments: