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-rodgers.com.

Thank you for your cooperation.

Highway-Rail Intersections

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:
_____
_____
_____

Highway-Rail Intersections (continued)
Page 2 of 3

2. Please complete the following for highway-rail intersections located on roadways maintained by your agency

a. Total number traffic signals maintained by your agency that are within 200 feet of a highway-rail intersection: 2.a. _____

b. Total number of these traffic signals equipped with the capability to adjust signal timing in response to train crossing (e.g., signal pre-emption or coordination to avoid vehicle entrapment or interconnection with active crossing devices)? 2.b. _____

c. Total number of all highway-rail intersections located on roadways maintained by your agency equipped with video surveillance capabilities: 2.c. _____

d. Total number of all highway-rail intersections located on roadways maintained by your agency equipped with electronic surveillance (other than video) of the crossing area (e.g., loop detectors to identify vehicles within the crossing area): 2.d. _____

e. Total number of all highway-rail intersections located on roadways maintained by your agency with the capability to predict train arrivals electronically: 2.e. _____

f. Total number of all highway-rail intersections located on roadways maintained by your agency equipped with electronic traffic violator devices: 2.f. _____

g. Highway-rail intersections equipped with at least one of the technologies listed in Items 2c through 2f: 2.g. _____

h. Total number of highway-rail intersections that are located on roadways maintained by your agency: 2.h. _____

Highway-Rail Intersections (continued)

Additional Comments: