

2009 ASHE-Harrisburg/PennDOT Engineering District 8-0 Follow-Up

During the recent ASHE-Harrisburg/PennDOT Engineering District 8-0 Conference, a presentation was made by the District 8-0 Acting ADE for Design regarding the “Smart Transportation” concept. Smart Transportation “integrates the planning and design of streets and highways in a manner that fosters development of sustainable and livable communities.” As part of the presentation, four examples of “Smart Transportation” projects within District 8-0 were discussed. TRG is proud to have been an integral team member on three of these four projects.

PA 116 Spring Grove Roundabout

As part of a traffic impact study for a new elementary school, installing traffic signals at two adjacent intersections about 75 feet apart was recommended. TRG was asked to evaluate the situation and immediately surmised that instead of traffic signals, a roundabout would be a more plausible option to eliminate a potentially congested area. TRG worked with a design team on this local-lead project to install one of the state’s first roundabouts.



Paxton Street (TecPort)

When the project developer was looking to convert the former AMP world headquarters campus in Swatara Township, Dauphin County, PA into one of the leading Technology Parks in Pennsylvania, they knew they needed to hire a project team that could meet the challenges of this demanding project. One of the challenges of this development site was that major access for the project was on Paxton Street, a one-way roadway along the property’s frontage. TRG was selected to perform the study that converted Paxton Street (S.R.3010) from a one-way to a two-way operation, allowing for better access to the campus.



Harrisburg ITS

TRG participated in the Development of Intelligent Transportation Systems for the Harrisburg Metropolitan Area Project. As part of this team effort, TRG used congestion and accident modeling to determine the greatest area of needs for ITS improvements, surrounding the Harrisburg Beltway and its feeder roadways.



TRG has been leading the way with Smart Transportation over the past decade. You can count on TRG to assist you in finding the right solution for your traffic and transportation needs. Visit our website at www.consulttrg.com to learn how TRG can assist you with your next project.