

5.1.2

Data Collection- Start to Finish

Presenter

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From the infant stages of data collection at the Pennsylvania Department of Transportation, with clipboards and paper, to a fully functional mobile application; was not as long a road that you would think. PennDOT conducted a pilot project with esri in the fall of 2011 that came to fruition with a customized ArcGIS for Mobile application used to collect local road and bridge data in the summer of 2012. Along with the mobile application, the use of a web application to complete the quality control portion of the project proved to be very successful as well. The final steps of this mobile data collection process, is the sharing of the data back to those who collected it and can utilize the value of its information. This is being accomplished with a web application that provides the user the ability to view data for their respected regions and also provide export functionality for those who wish to work with the data in their own environment.

Bio(s):

John Parker is a Transportation Planning Manager for the Pennsylvania Department of Transportation. John has had a hand in developing many GIS based applications that are used not only internally but also by the public.

Matthew has been with the department for 3 years now. He is a graduate from Millersville University with a BA in Geography. Currently Matthew is finishing his Graduate work in Planning from West Chester University.