

5.4.3

Enhancing PennDOT's GIS Data Sharing and Development Processes

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The Pennsylvania Department of Transportation (PennDOT) Bureau of Planning and Research (BPR) is currently working on several GIS initiatives as part of its Next Generation GIS directive. One of the GIS initiatives focuses on enhancing BPR's GIS development standards and processes by introducing new tools to better package and access commonly used code and samples for developers. Also, tools will be developed to automate GIS data loading and exporting processes which will improve data quality and streamline delivery. Another initiative is to utilize emerging technologies such as ArcGIS Online to promote data sharing, common applications and tools. This would allow business users to become the drivers of GIS in order to readily create maps and data as well as collaborate amongst the Commonwealth departments.