

Session 6.4.3 Mapping Transportation Improvement Projects for the Use of Planning and Public Knowledge

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The Pennsylvania Department of Transportation (PennDOT) has developed a web-based mapping application that combines GIS and Transportation Improvement Plan (TIP) data. The resulting application, MPMS Maps, provides PennDOT employees, planning partners and the general public the ability to query for and map MPMS system data. The Multi-modal Project Management System (MPMS), which manages PennDOT's TIP data, is the source for all of the mapping data. The MPMS Maps application allows users to find highway and bridge projects by a unique MPMS Project ID number, Pennsylvania County, MPO/RPO, PennDOT district or Legislative district. The Project Status Report, which provides a one-page map and data summary for a particular project, is one of the key features of this application.

One of the main advantages of this application is the quick, easy access that MPMS Maps provides to PennDOT Planning and Programming Staff. The associated mapping and data retrieval functionality is vital for programming the federally-mandated Transportation Improvement Program (TIP) and State mandated Twelve Year Program.