

Session 2.4.2 GIS Enabling HPMS – Unstovepiping the Pipes

Presenter

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This paper will describe the California Department of Transportation's effort to GIS enable the Highway Performance Monitoring System (HPMS). It was identified early on that the department, FHWA and local agencies could derive additional value from the HPMS database if it was tightly coupled with the GIS database. Within the department many data inconsistencies exist between different databases resulting in wrong or inconsistent answers to questions about the highway system. This presentation will discuss the problems and methods used to synchronize common data items between three separate programs in preparation for GIS enabling HPMS; identify and describe the issues hindering the goals of integration, and the alternate solutions examined during this project.