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The South Carolina DOT's Interactive Interchange Management System (IIMS)

Presenter

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Program & project planning and evaluation systems are increasingly incorporating GIS capabilities to ensure that project and program investment decisions are informed by spatial intelligence. The South Carolina DOT's Interactive Interchange Management System (IIMS) provides a powerful platform for the DOT to prioritize highway interchanges most in need of improvement, and to conceptualize and evaluate the impacts of potential improvement projects. It incorporates statewide GIS base maps, spatial search and retrieval, digital orthophotography, and dynamically-rendered interchange design diagrams to supplement a rich set of intersection and ramp delay models.