

Peer Exchange on Application of 3-D Viewers and Visualization Technologies in Transportation

Presenter

Ben Williams
FHWA
ben.williams@dot.gov

Co-Presenter

Mark Sarmiento
FHWA

The Federal Highway Administration (FHWA) recognized the effectiveness of geographic information systems (GIS) and visualization technologies as a tool to assist State Departments of Transportation (DOTs) and other transportation agencies in improving their decision-making process. SAFETEA-LU, Section 6001, requires both States and MPOs to use visualization technologies to the maximum extent possible in public involvement and planning programs. They have sponsored a peer exchange where State DOTs and MPOs with noteworthy applications of GIS / 3D viewers and visualization in transportation can share their knowledge and experiences with each other and with those State DOTs in the beginning stages of applying 3D viewers and visualization. Among the discussions will be how to effectively make use of these tools and their relationships with historic GIS, visualization or enterprise GIS programs. This presentation will talk about the results of the Exchange held earlier this year.