

Presentation:

**Peter Martin, Associate Professor, University of UTAH, UT Traffic Lab
Case Study: Salt Lake City, UT I-15 Reconstruction (VISIM)**

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Thumbnail: Case study on I-15 Salt Lake City rehabilitation in Utah with VISIM; evaluating design-build contracting methods for Statewide Transportation Improvement Plan (STIP) projects through micro-simulation.

Notes:

Item: After the reconstruction of I-15 through the Salt Lake region, the University of Utah was asked to provide an evaluation of the construction decision to accelerate the pre-Olympic reconstruction project. VISIM was used to do so. (An ASCE paper is available for full detail.)

Item: Public information material provided a great-after action analysis resource, since it tracked the process regarding road closures, etc.

Item: Modeling as a percentage of cost in I-15 ran .02-.0005%..

Item: Modeling is a process requiring care and maintenance. Agencies should always be training new team members for succession.

Item: It is advised that agencies model for the cost impact of various staging scenarios, permutations and combinations.

Item: The impression one is left with after experiencing this project is: “There is so much more we could be doing...”

Item: Jim Sorenson reminds attendees: “They build what we buy. We have to raise the bar.”