

'Making Decisions from Traffic Models' Workshop Meeting Minutes
Doubletree Hotel, Sacramento, CA March 20-21, 2007

Presentation:

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Case Studies: I-80/Saddle Brook, NJ and US 101/San Francisco, CA

Toolbox Approach to Modeling

Visit <http://www.minitooth.com/wz/index.htm> for full presentation.

Thumbnail: Case study in CA and NJ with Paramics; using operational models to measure corridor level impacts of congestion.

Notes:

Item: Construction lane impacts were the issue on I-80/Saddle Brook Project. PB was asked by NJ DOT to evaluate the scenario in terms of traffic impact construction modeling proposed by the contractor that differed from PB recommendations (3 months vs. 6 months).

Item: Planning the 3.5 mile Pulaski Skyway rehabilitation under traffic impacts the region and ultimately 15-20 other construction projects. Issues include ongoing emergency construction needs for functionality during project.. The project design includes center ramps (up and down) with 50-75' acceleration/deceleration lanes and 11' widths.

Q: Explain 3 month vs. 6 month timeframes in I-80 modeling.

A: PB not asked to address the situation in terms of duration.

Q: Elaborate on bottleneck analysis as a tool.

A: Analysis of one bottleneck shows Pulaski Highway is not the issue, for instance, but rather its connecting roadways.