

April 7, 2004

TASK #2
PREPARATION OF RESEARCH PROBLEM STATEMENT

The following provides the activities thus far with respect to the development of a research statement focusing on the use of probe data as an input for freeway simulation. This topic is selected due to the rather data intensive nature of simulation, the cost of collecting good, reliable data and the prospect which probe information holds as a relatively inexpensive source of that data

Actions completed to date:

Discussions with two vendors of probe data to determine applicability of use in a simulation environment.

Collected order of magnitude cost information to collect sufficient data for a simulation exercise.

Actions currently underway:

Discuss with agency representatives who are currently in deployment if a probe based freeway management and/or information system their willingness to host a simulation exercise using their probe data.

To be completed:

Prepare draft research statement for review by committee members prior to mid-year meeting in San Diego.