From: Simon Zweighaft
To: 'Nadeem.Tahir@dot.gov'
Sent: 2/2/2009 10:15:46 AM
Subject: Review of Jacobs Spot Report
Attachments: HonoluluParkinsonR1.doc

Hi Nadeem:

Because of our ongoing concern about the fleet size conclusions in the Jacobs Spot Report, we decide to develop a small contract with Tom Parkinson who was a principal co-author of both TCRP 13 Rail Transit Capacity and TCRP 100 Transit Capacity and Quality of Service Manual. We asked Tom to review the Jacobs report for us and advise on his view of the fleet size purchase that we should be considering. Since his review was undertaken before our recent alignment change, his analysis pertains only to the Salt Lake Alignment.

For reasons differing from those presented by Jacobs, Tom advised that a straightforward analysis could conclude the necessity for a 68 vehicle fleet size on the Salt Lake Alignment. However he also addressed the issue of reducing fleet size from that level and concluded that there are many valid ways to keep the fleet size within the budget we have established for the system. The DEIS budget was sufficient to cover the costs of 65 cars on the Salt Lake Alignment. Using similar considerations, we are confident of the adequacy of our estimate for vehicles on the Airport Alignment.

Of course we expect continue our evaluation of our fleet size requirements during preliminary engineering, but we do not feel it is appropriate to further adjust our budget for rail cars prior to the time when we conduct that analysis.

I hope this report clarifies our position on fleet size requirements.

Regards,

Simon