From: Hamayasu, Toru
To: 'Karl Kim'
Sent: 11/30/2006 1:03:17 PM
Subject: RE: FW: Estimated breakdown of vehicle types on Managed Lanes

Karl,

The review sounds good. I don't see any erroneous statements regarding the model descriptions or in applications.

Toru

-----Original Message-----
From: Karl Kim [mailto:karlk@hawaii.edu]
Sent: Thursday, November 30, 2006 12:05 PM
To: Hamayasu, Toru
Subject: Re: FW: Estimated breakdown of vehicle types on Managed Lanes

Toru:

Here's what I plan to say, more or less, today. Do you know how I can get in touch with Kazu? I used to have his cel, but I
can't find it now. Let me know if you see any glaring errors.

Karl

----- Original Message -----
From: "Hamayasu, Toru" <thamayasu@honolulu.gov>
Date: Thursday, November 30, 2006 12:00 pm
Subject: FW: Estimated breakdown of vehicle types on Managed Lanes
To: Karl Kim <karlk@hawaii.edu>

> Karl,
>
>
>
> Below is the info you requested on the break down of the volume on the
> Managed Lane.
>
>
>
> One clarification on the capacity calculation based on our
> conversationthis morning; 2,200 vph was used as the general freeway
> lane capacity.
> Approx. 80% of that (1,760) was used for the managed lane volume to
> maintain 50 mph speed. This is reflected in the Table 3-12. So
> LOS of
> C and D are at v/c of 0.80 which translates to about 50 mph on a
> freewaylane.
>
>
>
> Toru
>
> _____
>
> From: Wellander, Chris A. [mailto:WellanderC@pbworld.com]
> Sent: Thursday, November 30, 2006 11:32 AM
> To: Hamayasu, Toru
> Cc: Scheibe, Mark; Fujioka, Heather
> Subject: Estimated breakdown of vehicle types on Managed Lanes
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>

> Toru
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>
> Here's an estimate of the breakdown of vehicle types using the Managed
> Lanes under each of the two options. This is for AM peak hour/peak
> direction. Because the model doesn't give us this information
> directly,we need to use factors from the toll model trip tables to
> estimate it.
> It's not exact, but with some interpretation provides a reasonable
> estimate I think. Let me know if you have any further questions on
> this.
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>
> -Chris
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> Managed Lane Year 2030 AM Peak Hour - Peak Direction Estimated Volumes
> by Vehicle Class
>
>
>
>
>
>
>
>
>
> Two-Direction
>
> Reversible
>
> Total Vehicles
>
> 1769
>
> 3457
>
> 1-occ
>
> 1254
>
> 2441
>
> 2-occ
>
> 422
>
> 495
>
> 3+-occ
>
> -
>
> 429
>
> Buses
>
> 93
>
> 93
>
>
>
>
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