

**I-25 Express Lanes**  
**Monthly Progress Report**  
**February 2007**



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## INTRODUCTION

February use of the Express Lanes (including both HOV and toll-paying vehicles) of the I-25 Express Lanes fell by 2,237 from January usage, with total volumes of 265,824. January volumes were 268,061 as compared to 234,059 in December and 270,845 in November.

Monthly information in this report includes:

- Vehicle Usage
- HOV vs. Express Toll Lane Vehicle counts
- Bus Travel times
- Revenues
- Incidents (that might impact operations or revenues)

Detailed data for daily and peak period traffic are represented in tables in the Additional Information Section of this report.

### 1.0 VEHICLE USAGE BY TIME

The following is the February summary of traffic data (segregated by HOV Lane and Tolled Express Lane). These include weekend and non-peak traffic.

February 2007 Traffic Data Summary			
	Express	HOV	Total
<b>Total Monthly Traffic</b>	74,545	191,279	265,824
<b>Maximum Daily Traffic</b>	4,836	8,805	12,752
<b>Average Weekday Traffic</b>	3,583	7,486	11,068
<b>Avg Weekday AM Peak Hour</b>	403	671	1,073
<b>Avg Weekday PM Peak Hour</b>	381	804	1,185
<b>Avg Weekday AM Peak Period</b>	1,648	2,697	4,345
<b>Avg Weekday PM Peak Period</b>	1,527	3,189	4,716

\* 6:00 AM – 10:00 AM

\*\* 3:00 PM – 7:00 PM

Detailed data for daily and peak period traffic are represented in tables in the Additional Information Section of this Report.

A total of 5 days in February exceeded the 12,000 vehicle usage threshold; an increase from 1 day a month. Traffic volume leveled off in January and February. Overall traffic usage was consistent, with over 250,000 in monthly traffic volumes. The combination of buses, carpools, and express toll lanes continue to carry about 15% of overall trips on a daily basis in that corridor, which represents an optimization of the ROW.

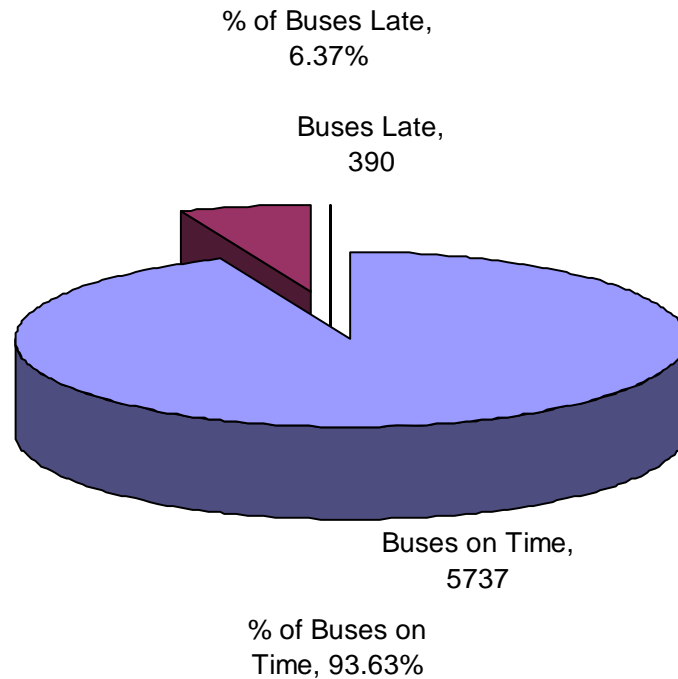
## 2.0 BUS AND HOV TRAVEL TIMES

The IGA between CDOT and RTD prescribes triggers to determine if there is any degradation to travel times for buses and carpools. These are:

- Exceeding travel time for more than one bus in an hour (provided the excess was not due to a stall, crash and closure of the lane or special event).
- Exceeding the travel time for more than one day per week for three weeks in a row.
- Predictable patterns.

About 6% of buses, or about 390, did not meet their travel time targets; however, most delays were within 1 minute. Only 3 total buses experienced delayed travel times, exclusive of snow days, and they were also delayed by only a minute. RTD Bus Operations is contacted each month for comments and they report that they are happy with the performance of the lanes. December delays resulting from signal timing changes by CCD at 19<sup>th</sup> Street were addressed by working with CCD to readjust the signal timing on 19<sup>th</sup> Street back to a more reasonable cycle length. No additional problems have been experienced as a result.

### Weekday Bus Travel Time February 2007



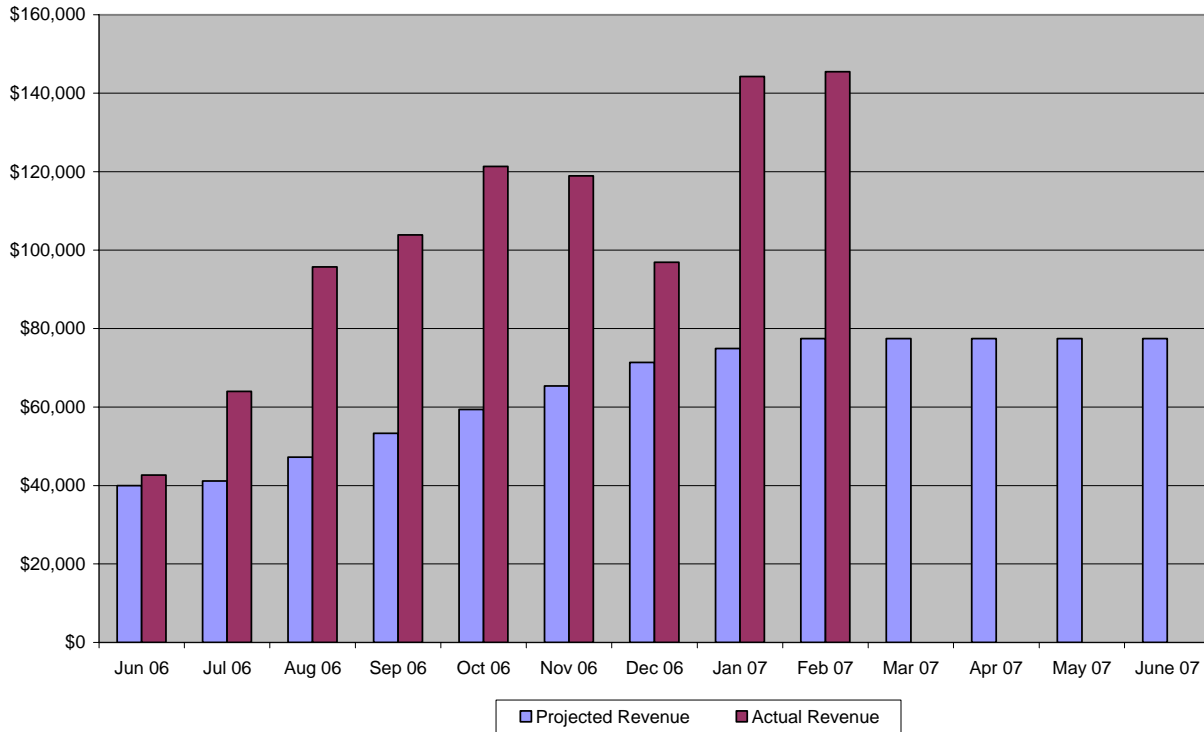
### 3.0 REVENUES

February revenues were up again. February revenues from tolls totaled \$145,439. The figure below shows the projected vs. actual toll revenue to date. Revenues do not include any monies that have been collected for citations (tolls, fees, and fines).

We do not, at this point, see any need to adjust our tolls to a higher rate, but we are continuing to monitor that. The estimated toll revenue was higher in February than in January, despite the shorter month and the Presidents' Day holiday. The original 12-month projection was \$800,000 in revenue, with the combination of tolls, fees, and fines. The amount of fees and fines collected in February spiked, due to a catch-up batch of E-470 fees and fines being processed.

Cumulatively, about 25% of toll revenues are attributable to fees and fines versus approximately 75% toll collections. Revenue totals have exceeded the \$1.5 Million mark as of this month, more than offsetting our expenses for the I-25 HOV/Express Lanes.

**First Year Monthly Estimated Toll Revenue vs. Actual**



### 4.0 INCIDENTS

On February 28, a law enforcement incident briefly impacted the lane operations when an auto theft recovery took place.

## 5.0 ENFORCEMENT

	Total Stopped	Toll Citations	HOV Citations	Hazardous Citations	Seatbelt Citations	All Other Citations	Arrests
June	320	43	59	22	5	7	1
July	152	20	26	24	7	19	1
August	127	19	18	45	11	37	1 (DUI)
September	88	7	7	26	4	7	
October	42	5	8	15	4	73	
November	56	0	0	14	7	3	
December							
January	36	2	4	9	1	10	2 (misd)
February	78	13	15	34	8	24	

\* The January 18 entry was submitted too late for the January enforcement report, so it was added to February.

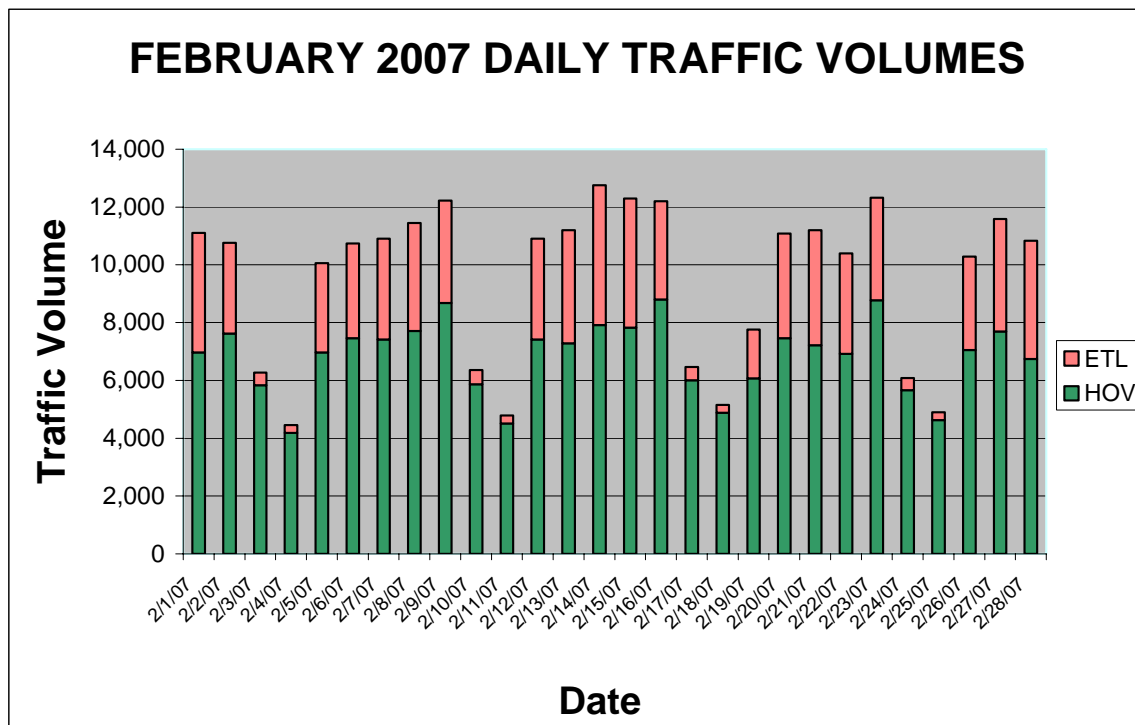
Violation rates in February increased to roughly double those of January, due to an increase in officer time.

## 6.0 OPERATIONAL ISSUES

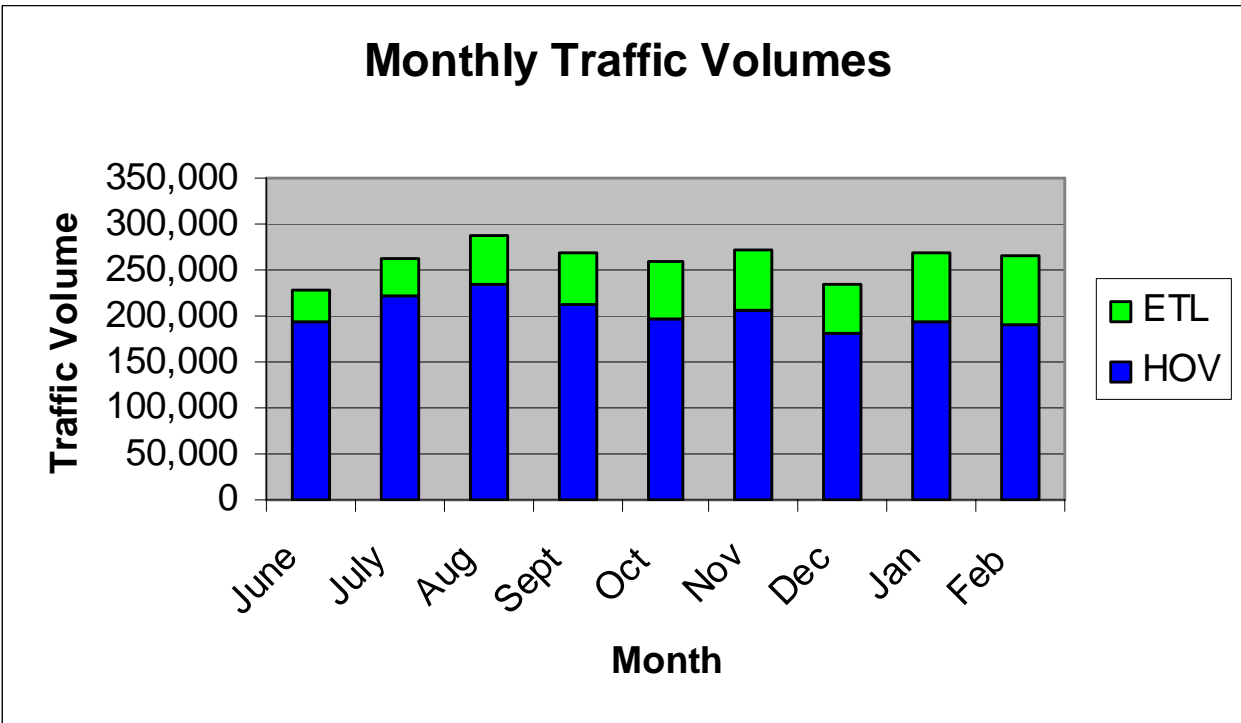
No other operational issues were identified in February.

## 7.0 ADDITIONAL INFORMATION

Total daily traffic volumes for February are shown on the following graph.



The chart below summarizes monthly traffic since the lanes opened June 2, 2006.



Peak period traffic volumes are summarized below:

		Morning Rush Period					
		Total Peak Period			Avg. Per Hour		
Weekday		Express	HOV	Total	Express	HOV	Total
1st	Thursday	1,437	2,703	4,140	359	676	1,035
	Friday	1,540	2,513	4,053	385	628	1,013
5th	Monday	1,485	2,635	4,120	371	659	1,030
	Tuesday	1,570	2,746	4,316	393	687	1,079
	Wednesday	1,587	2,689	4,276	397	672	1,069
	Thursday	1,757	2,812	4,569	439	703	1,142
	Friday	1,381	2,683	4,064	345	671	1,016
12th	Monday	1,434	2,656	4,090	359	664	1,023
	Tuesday	2,154	2,896	5,050	539	724	1,263
	Wednesday	2,081	2,845	4,926	520	711	1,232
	Thursday	2,135	2,870	5,005	534	718	1,251
	Friday	1,421	2,701	4,122	355	675	1,031
19th	Monday	686	1,718	2,404	172	430	601
	Tuesday	1,749	2,662	4,411	437	666	1,103
	Wednesday	1,809	2,807	4,616	452	702	1,154
	Thursday	1,734	2,921	4,655	434	730	1,164
	Friday	1,494	2,773	4,267	374	693	1,067
26th	Monday	1,529	2,661	4,190	382	665	1,048
	Tuesday	1,862	2,855	4,717	466	714	1,179
	Wednesday	2,121	2,784	4,905	530	696	1,226

		Afternoon Rush Period					
		Total Peak Period			Avg. Per Hour		
Weekday		Express	HOV	Total	Express	HOV	Total
1st	Thursday	2,120	2,989	5,109	530	747	1,277
	Friday	1,186	3,241	4,427	297	810	1,107
5th	Monday	1,309	2,995	4,304	327	749	1,076
	Tuesday	1,358	3,128	4,486	340	782	1,122
	Wednesday	1,517	3,231	4,748	379	808	1,187
	Thursday	1,545	3,212	4,757	386	803	1,189
	Friday	1,696	3,784	5,480	424	946	1,370
12th	Monday	1,326	3,124	4,450	332	781	1,113
	Tuesday	1,345	3,032	4,377	336	758	1,094
	Wednesday	2,232	3,314	5,546	558	829	1,387
	Thursday	1,861	3,350	5,211	465	838	1,303
	Friday	1,396	3,673	5,069	349	918	1,267
19th	Monday	730	2,660	3,390	183	665	848
	Tuesday	1,433	3,078	4,511	358	770	1,128
	Wednesday	1,889	3,565	5,454	472	891	1,364
	Thursday	1,546	2,960	4,506	387	740	1,127
	Friday	1,578	3,521	5,099	395	880	1,275
26th	Monday	1,343	3,024	4,367	336	756	1,092
	Tuesday	1,645	3,272	4,917	411	818	1,229
	Wednesday	1,484	2,629	4,113	371	657	1,028



