

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



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## INTRODUCTION

April use of the I-25 HOV/Express Lanes (including both HOV and toll-paying vehicles) fell by 11,715 from March usage, with total volumes of 290,197. However, March had one more day than April, which is roughly equivalent to the difference. March volumes were 301,912 as compared to 265,824 in February and 268,061 in January. For the first time since opening in June 2006, a single day of traffic exceeded 13,000 vehicles, with April 20<sup>th</sup> reporting 13,360.

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 April summary of traffic data (segregated by HOV Lane and Tolled Express Lane), follows. These include weekend and non-peak traffic.

<b>April 2007 Traffic Data Summary</b>			
	<b>Express</b>	<b>HOV</b>	<b>Total</b>
<b>Total Monthly Traffic</b>	83,162	207,035	290,197
<b>Maximum Daily Traffic</b>	4,560	9,502	13,360
<b>Average Weekday Traffic</b>	3,802	7,714	11,516
<b>Avg Weekday AM Peak Hour</b>	457	678	1,135
<b>Avg Weekday PM Peak Hour</b>	386	826	1,212
<b>Avg Weekday AM Peak Period</b>	1,827	2,713	4,539
<b>Avg Weekday PM Peak Period</b>	1,543	3,305	4,848

\* 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.

### 2.0 BUS AND HOV TRAVEL TIMES

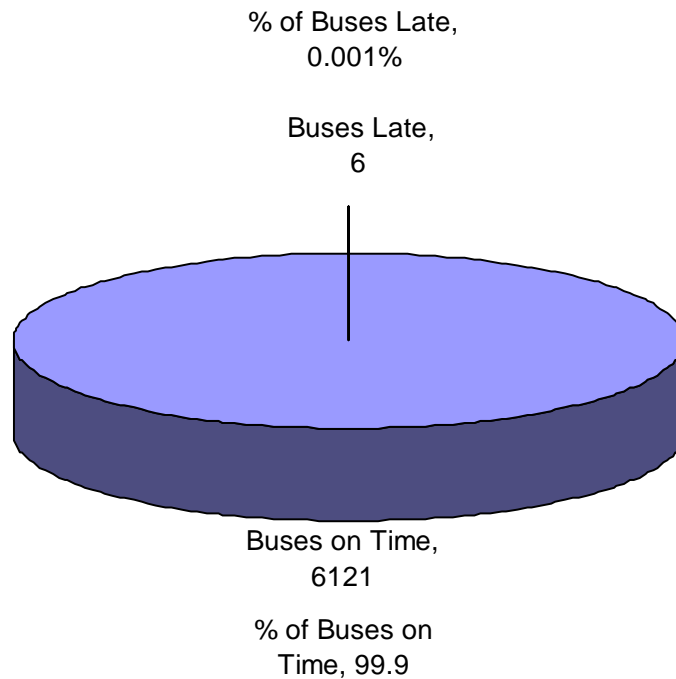
The IGA between CDOT and RTD prescribes triggers to determine if there is any degradation to travel times for buses and carpools. These are:

- 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.

Travel times continue to improve, with less than 1% of buses experiencing a delay for all of April, in spite of one storm day. Only 6 buses were late and those were less than 90 seconds late.

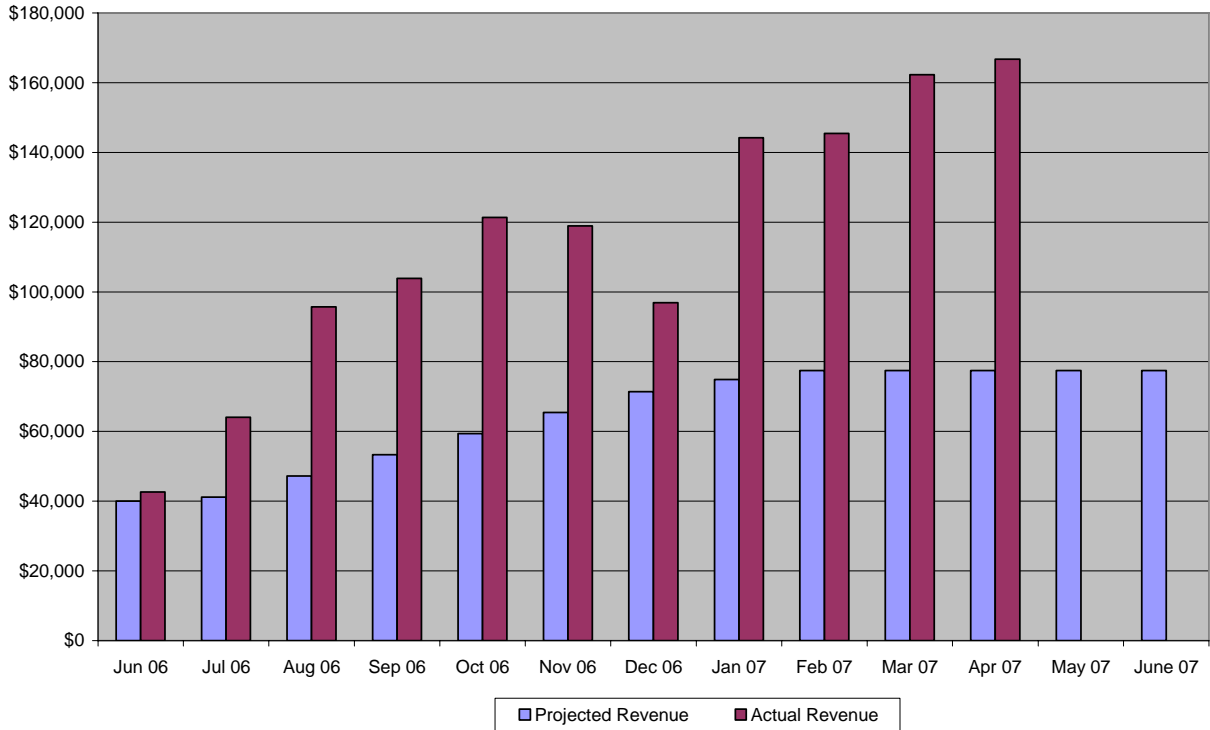
## Weekday Bus Travel Time April 2007



### 3.0 REVENUES

April revenues rose again, with revenues from tolls totaling \$166,720.75. The figure below shows the projected vs. actual toll revenue to date. Revenues do not include any monies that have been collected for citations (fees and fines). Despite the fact that overall traffic was less in April than in March, there was an increase in revenue. This revenue increase is attributable to an increase of 2,500 Express Toll payers in April over March, in spite of a decrease in overall monthly traffic of nearly 4%.

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



#### 4.0 INCIDENTS

There were no incidents (crashes or stalls) that had an impact on traffic.

#### 5.0 ENFORCEMENT

Law enforcement activities for April are shown in the table below. HOV and Toll violations continue downward. Only 36 stops were made and no arrests were necessary.

	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	
March	127	6	18	46	10	32	1
April	36	2	8	6	0	3	0

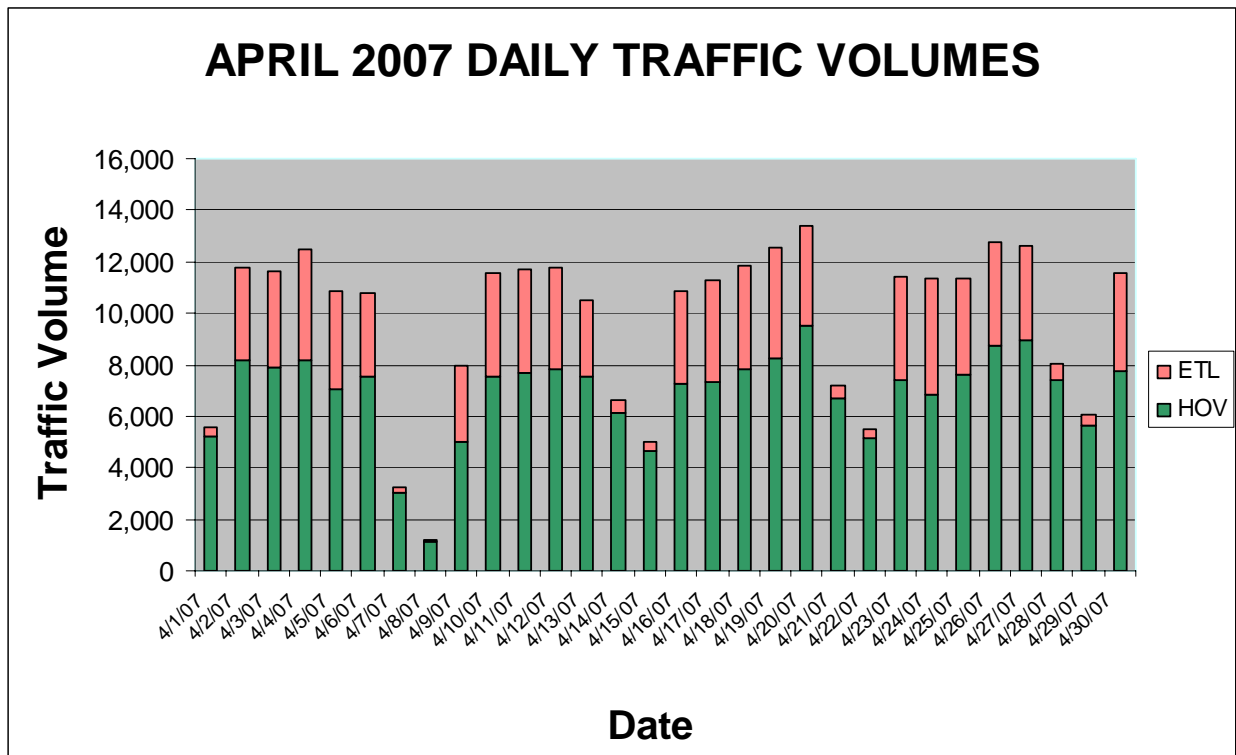
## 6.0 OPERATIONAL ISSUES

On April 8<sup>th</sup> a lane controller failed, resulting in data recovery that needed to be performed for a period.

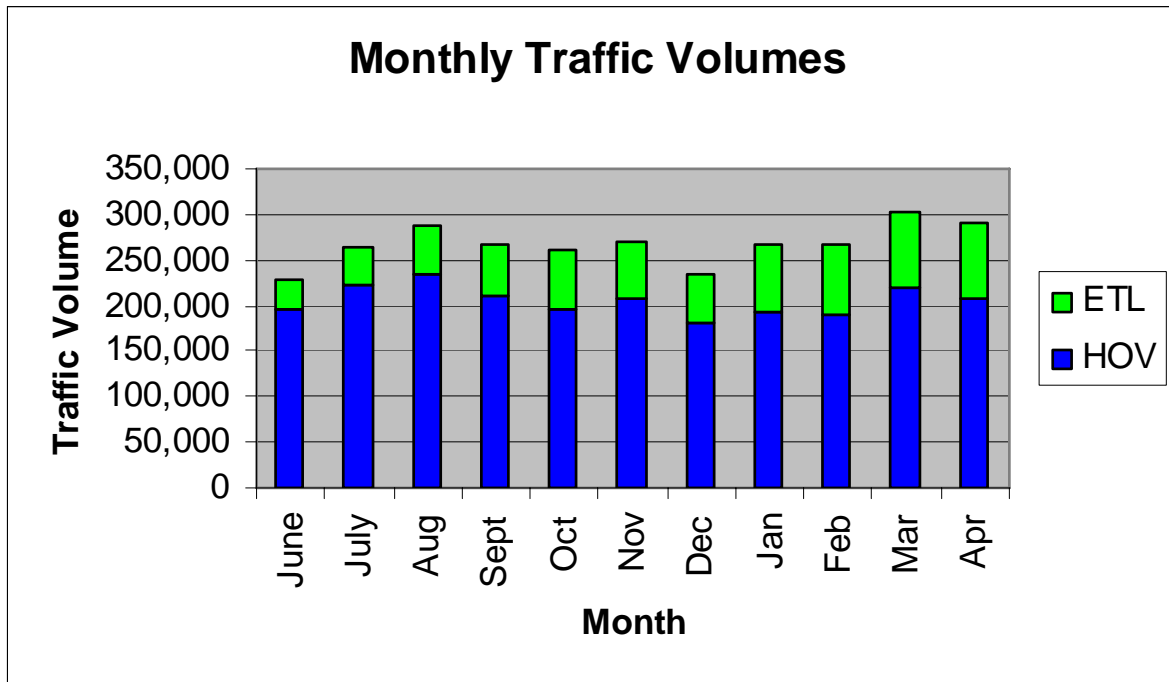
On April 11<sup>th</sup> a gate motor burned up during the 3:00 a.m. closure for northbound traffic. It was necessary to replace the entire unit but work was accomplished before the noon opening for northbound traffic and, thus, did not impact traffic.

## 7.0 ADDITIONAL INFORMATION

Total daily traffic volumes for April 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
2nd	Monday	1,648	2,733	4,381	412	683	1,095
	Tuesday	1,829	2,843	4,672	457	711	1,168
	Wednesday	1,818	2,847	4,665	455	712	1,166
	Thursday	1,990	2,881	4,871	498	720	1,218
	Friday	1,706	2,435	4,141	427	609	1,035
9th	Monday	1,074	397	1,471	269	99	368
	Tuesday	2,005	2,896	4,901	501	724	1,225
	Wednesday	1,906	2,916	4,822	477	729	1,206
	Thursday	1,978	2,866	4,844	495	717	1,211
	Friday	1,151	2,350	3,501	288	588	875
16th	Monday	1,807	2,723	4,530	452	681	1,133
	Tuesday	2,144	2,866	5,010	536	717	1,253
	Wednesday	1,935	2,927	4,862	484	732	1,216
	Thursday	2,053	2,997	5,050	513	749	1,263
	Friday	1,800	2,884	4,684	450	721	1,171
23rd	Monday	1,978	2,902	4,880	495	726	1,220
	Tuesday	2,259	2,761	5,020	565	690	1,255
	Wednesday	1,663	2,792	4,455	416	698	1,114
	Thursday	2,072	3,347	5,419	518	837	1,355
	Friday	1,620	2,734	4,354	405	684	1,089
30th	Monday	1,921	2,869	4,790	480	717	1,198

		Afternoon Rush Period					
		Total Peak Period			Avg Per Hour		
	Weekday	Express	HOV	Total	Express	HOV	Total
2nd	Monday	1,467	3,442	4,909	367	861	1,227
	Tuesday	1,559	3,329	4,888	390	832	1,222
	Wednesday	2,042	3,567	5,609	511	892	1,402
	Thursday	1,463	3,268	4,731	366	817	1,183
	Friday	1,055	3,005	4,060	264	751	1,015
9th	Monday	1,464	3,144	4,608	366	786	1,152
	Tuesday	1,578	3,175	4,753	395	794	1,188
	Wednesday	1,662	3,268	4,930	416	817	1,233
	Thursday	1,365	3,117	4,482	341	779	1,121
	Friday	1,462	3,285	4,747	366	821	1,187
16th	Monday	1,408	3,040	4,448	352	760	1,112
	Tuesday	1,358	3,059	4,417	340	765	1,104
	Wednesday	1,619	3,277	4,896	405	819	1,224
	Thursday	1,814	3,553	5,367	454	888	1,342
	Friday	1,494	3,735	5,229	374	934	1,307
23rd	Monday	1,644	3,221	4,865	411	805	1,216
	Tuesday	1,826	2,996	4,822	457	749	1,206
	Wednesday	1,589	3,291	4,880	397	823	1,220
	Thursday	1,510	3,709	5,219	378	927	1,305
	Friday	1,525	3,621	5,146	381	905	1,287
30th	Monday	1,492	3,303	4,795	373	826	1,199



