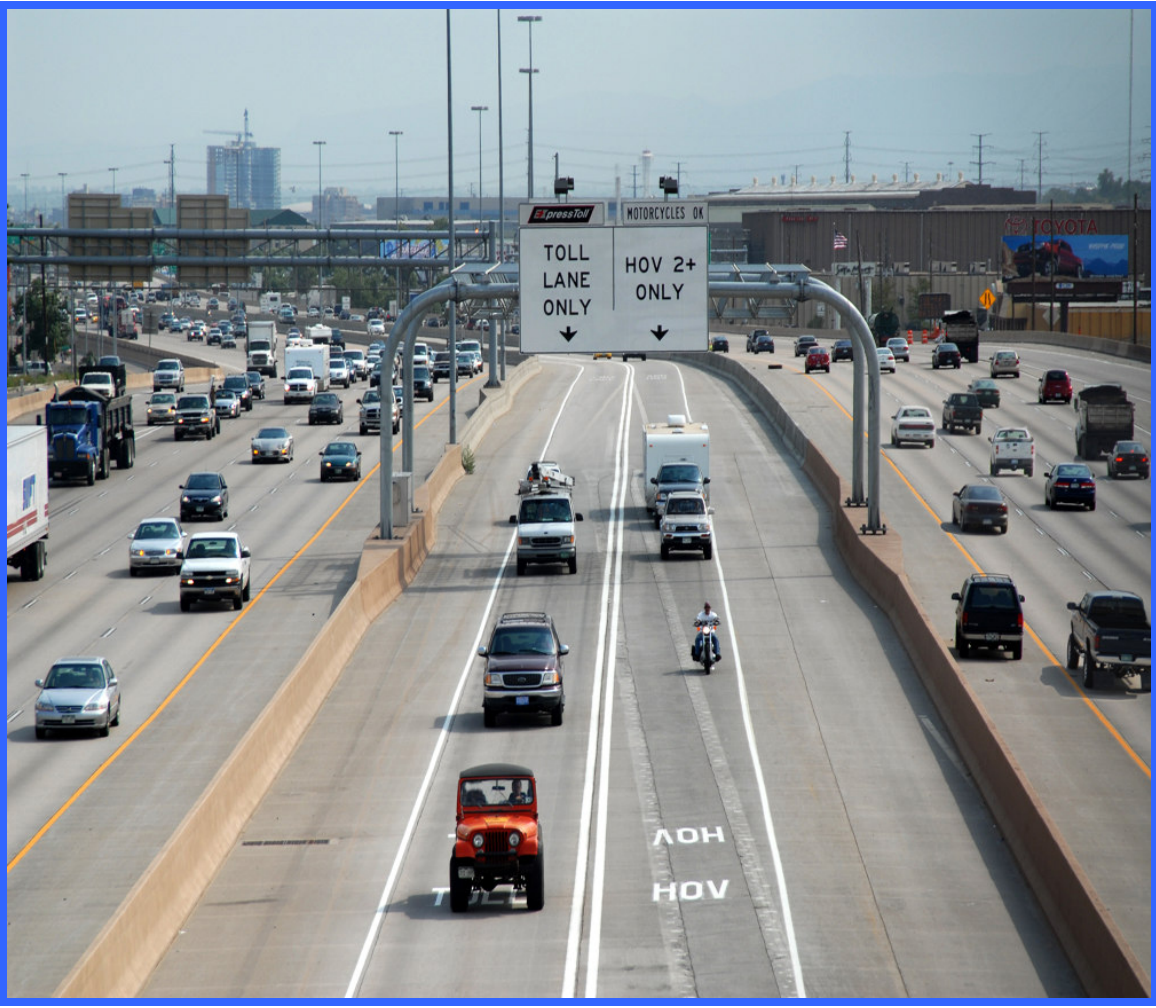


# I-25 Express Lanes Monthly Progress Report September, 2006



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## INTRODUCTION

Usage of the I-25 Express Lanes is leveling off. In fact there were approximately 10,000 fewer users of the lanes in September than in August. This may be due in part to the closure of the lanes on Labor Day and a four hour closure on September 9. Again, the peak daily usage for the month occurred in the middle of the month, on September 15, when 11,562 vehicles accessed the lanes.

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)

### 1.0 VEHICLE USAGE BY TIME

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

<b>September 2006 Traffic Data Summary</b>			
	<b>Express</b>	<b>HOV</b>	<b>Total</b>
<b>Total Monthly Traffic</b>	56,339	211,875	268,214
<b>Maximum Daily Traffic</b>	2,251	8,937	11,562
<b>Average Weekday Traffic</b>	1,806	7,442	9,656
<b>Average Weekday AM Peak Traffic *</b>	974	2,228	3,202
<b>Average Weekday PM Peak Traffic **</b>	857	2,512	3,369
<b>Monthly Unreconciled</b>	NA	NA	9,203

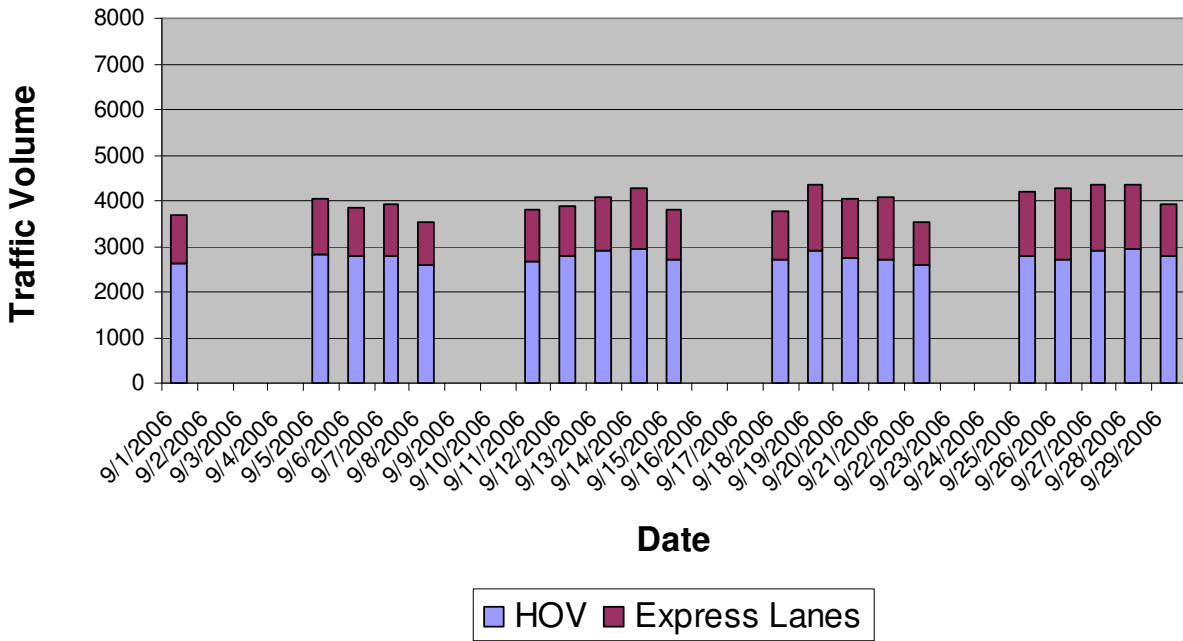
\* 6:00 AM – 10:00 AM

\*\* 3:00 PM – 7:00 PM

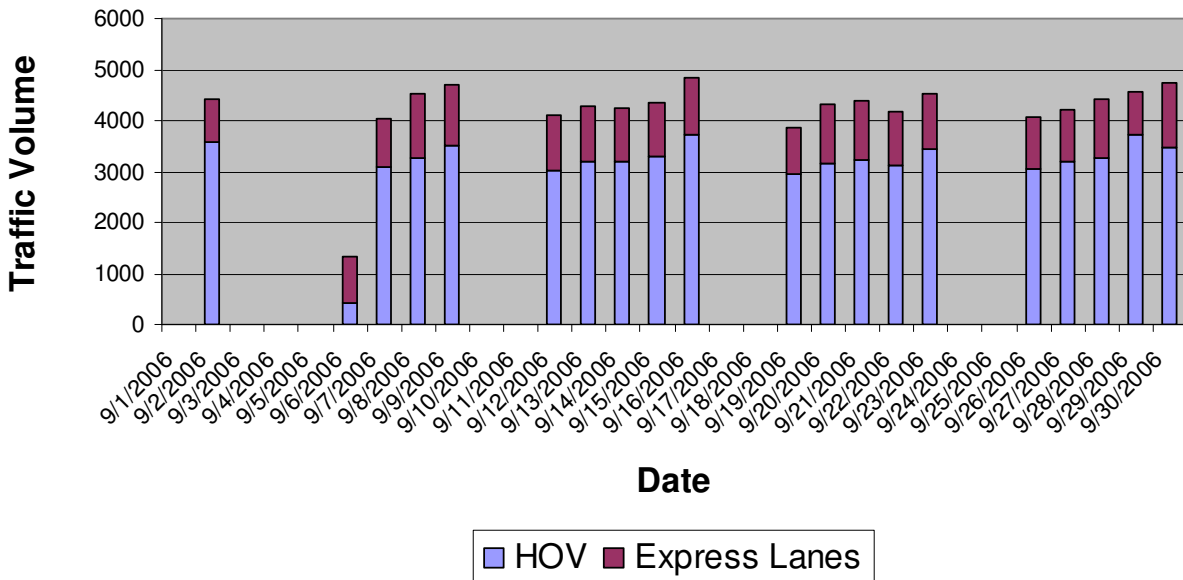
Violations rates have stabilized. Those in the morning (inbound) continue to be considerably less than in the afternoon (outbound).

Below is an illustration of Express Lane Vehicle Usage during the peak periods. These data are based on raw data (not reconciled, as noted above). The data are represented in tables in the Additional information Section of this Report.

## September 2006 Peak Period Traffic (AM - Inbound)



## September 2006 Peak Period Traffic (PM - Outbound)



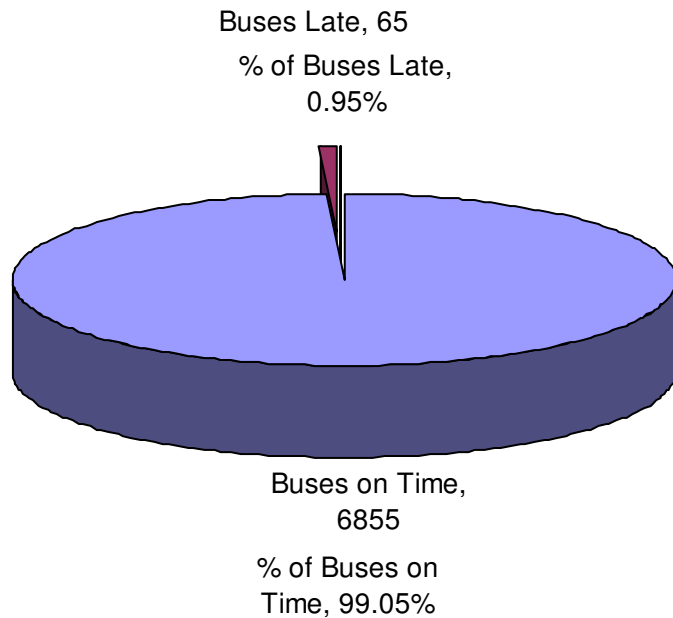
## 2.0 BUS AND HOV TRAVEL TIMES

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.

On September 26 there were 65 buses that exceeded their target travel times by up to two minutes. There were several accidents on I-25 that caused backups onto US36. On that date, was the funeral for the Aurora Police Officer who had been shot and killed. As a result, there were not the normal number of officers on duty to tend to the accidents further compounding the delay issue. However, this appeared to be an isolated occurrence and there does not seem to be any pattern of bus travel time degradation. Automobile speeds continue to average between 55 and 60 mph, indicating a high level of service for both lanes.

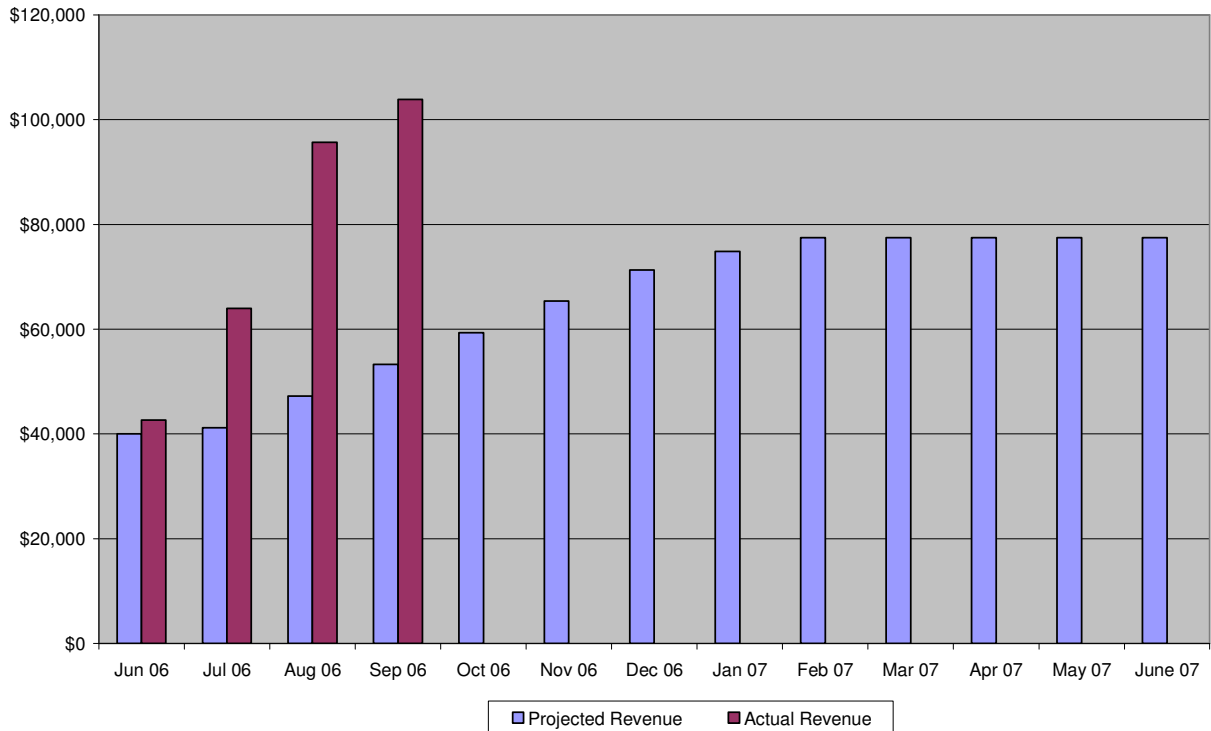
### SEPTEMBER 2006 BUS TRAVEL TIME PERFORMANCE



### 3.0 REVENUES

The annual fiscal year 2007 revenue projection was approximately \$800,000. This assumed approximately 60% of the average monthly projection would be achieved in the first month, (approximately \$40,000 for the months of June and July). This amount was assumed to “ramp up” over time. Revenues continue to far exceed projections. The September revenues from tolls were \$103,840.25. The figure below shows the projected vs. actual revenue to date. Revenues do not include any monies that have been collected for citations (tolls, fees, and fines).

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



### 4.0 INCIDENTS

As noted in Section 2.0, there was a disruption to traffic due to accidents on the I-25 General Purpose Lanes on September 26

### 5.0 ENFORCEMENT

The following report of manual (Officer written) citations has been provided by the Colorado State Patrol:

Month	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	

Officer shifts were reduced in September resulting in fewer citations issued. This reduction was due to concerns from Colorado State Patrol about the ability to staff overtime shifts in the long term. We will be revisiting this issue with CSP..

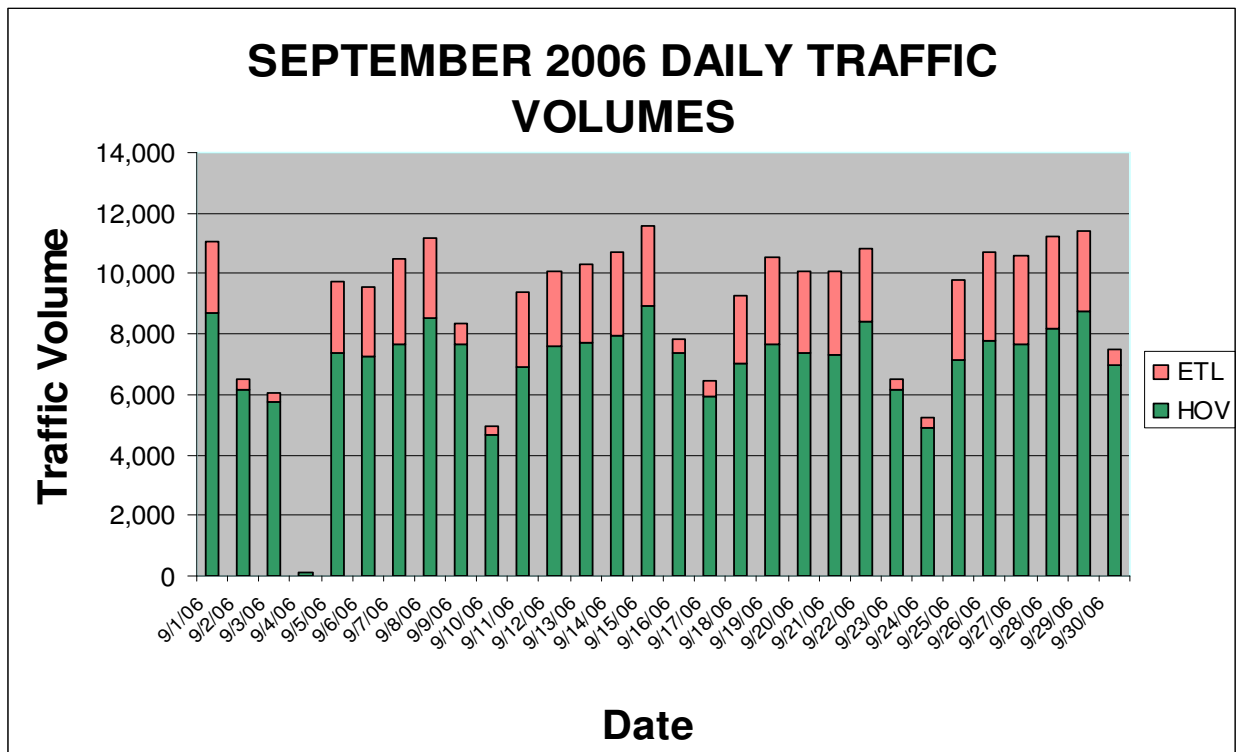
In September there were 2198 citations addressed. 1379 of these had the fine waived, and the violators merely paid the toll and a \$7 administration fee. The other 819 paid the toll, fee and fine. This does not include any citations that were submitted to Adams County District Court for further action.

## 6.0 OPERATIONAL ISSUES

Operations were mostly normal for the month of September. As noted in Section 1.0, the lanes were closed on labor day, and also on September 9 for approximately four hours.

## 7.0 ADDITIONAL INFORMATION

Total daily traffic volumes for September are shown on the following graph:



The following tables are data illustrated in section 1.0 for peak period traffic:

		Morning Peak Period					
		Total Peak Period		Avg Per Hour		Max Hr	
		ETL	HOV	ETL	HOV	ETL	HOV
	<b>Weekday</b>						
	<b>Monday</b>	0	0	0	0	0	0
	<b>Tuesday</b>	0	0	0	0	0	0
	<b>Wednesday</b>	0	0	0	0	0	0
	<b>Thursday</b>	0	0	0	0	0	0
Sept. 1	<b>Friday</b>	1,063	2,631	266	658	367	982
	<b>Monday</b>	0	0	0	0	0	0
Sept. 5	<b>Tuesday</b>	1,211	2,843	303	711	492	1,097
	<b>Wednesday</b>	1,073	2,786	268	697	404	1,139
	<b>Thursday</b>	1,123	2,784	281	696	462	1,127
	<b>Friday</b>	946	2,599	237	650	387	1,065
Sept. 11	<b>Monday</b>	1,130	2,657	283	664	397	1,059
	<b>Tuesday</b>	1,086	2,779	272	695	431	1,131
	<b>Wednesday</b>	1,191	2,897	298	724	455	1,153
	<b>Thursday</b>	1,314	2,952	329	738	493	1,171
	<b>Friday</b>	1,085	2,721	271	680	427	1,091
Sept. 18	<b>Monday</b>	1,078	2,705	270	676	425	1,048
	<b>Tuesday</b>	1,445	2,899	361	725	633	1,155
	<b>Wednesday</b>	1,303	2,753	326	688	500	1,072
	<b>Thursday</b>	1,386	2,692	347	673	522	1,018
	<b>Friday</b>	960	2,588	240	647	382	1,050
Sept. 25	<b>Monday</b>	1,392	2,793	348	698	517	1,103
	<b>Tuesday</b>	1,574	2,964	394	741	657	1,123
	<b>Wednesday</b>	1,434	2,914	359	729	578	1,177
	<b>Thursday</b>	1,413	2,945	353	736	556	1,164
	<b>Friday</b>	1,138	2,792	285	698	471	1,144



		Afternoon Peak Period					
		Total Peak Period		Avg Per Hour		Max Hr	
		ETL	HOV	ETL	HOV	ETL	HOV
	<b>Weekday</b>						
	<b>Monday</b>	0	0	0	0	0	0
	<b>Tuesday</b>	0	0	0	0	0	0
	<b>Wednesday</b>	0	0	0	0	0	0
	<b>Thursday</b>	0	0	0	0	0	0
Sept. 1	<b>Friday</b>	842	3,589	211	897	270	1,049
	<b>Monday</b>	0	0	0	0	0	0
Sept. 5	<b>Tuesday</b>	914	423	229	106	381	166
	<b>Wednesday</b>	974	3,076	244	769	437	1,076
	<b>Thursday</b>	1,246	3,280	312	820	498	1,077
	<b>Friday</b>	1,197	3,503	299	876	436	1,142
Sept. 11	<b>Monday</b>	1,085	3,019	271	755	398	975
	<b>Tuesday</b>	1,077	3,192	269	798	383	976
	<b>Wednesday</b>	1,062	3,197	266	799	469	1,098
	<b>Thursday</b>	1,065	3,299	266	825	432	1,172
	<b>Friday</b>	1,121	3,713	280	928	393	1,165
Sept. 18	<b>Monday</b>	898	2,955	225	739	402	994
	<b>Tuesday</b>	1,165	3,148	291	787	521	1,074
	<b>Wednesday</b>	1,147	3,245	287	811	530	1,190
	<b>Thursday</b>	1,048	3,128	262	782	418	1,074
	<b>Friday</b>	1,078	3,436	270	859	1,048	3,128
Sept. 25	<b>Monday</b>	999	3,062	250	766	250	766
	<b>Tuesday</b>	999	3,194	250	799	401	1,089
	<b>Wednesday</b>	1,178	3,252	295	813	440	1,079
	<b>Thursday</b>	1,274	3,478	319	870	572	1,253
	<b>Friday</b>	1,064	3,602	266	901	378	1,182

