



# MONTHLY PROGRESS REPORT

JUNE 2009





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## INTRODUCTION

This report contains information regarding traffic volumes and lane usage, bus travel times, revenues and expenditures, law enforcement activities, and incidents which may have impacted operations or revenues during the month of June 2009.

### 1.0 VOLUMES AND LANE USAGE

During June 2009, recorded use of the I-25 HOV/Express Lanes (including both HOV and toll-paying vehicles), increased to 312, 050. This represents a 7.54% increase from 290,179 in May and a 5.66% increase from 295,332 in April.

The highest traffic volume recorded since opening was in October 2007, at 355,308.

The June summary of traffic data for both Tolled Express and HOV lanes follows. Data includes weekend and non-peak traffic.

Due to implementation of License Plate Tolling (LPT), the Traffic Data Summary table now displays Express Tolling, Violations, and LPT in separate columns. License plate tolls are presumed to be customers until such time that a bill is not paid. After a period of time, unpaid toll bills move to the violation process.

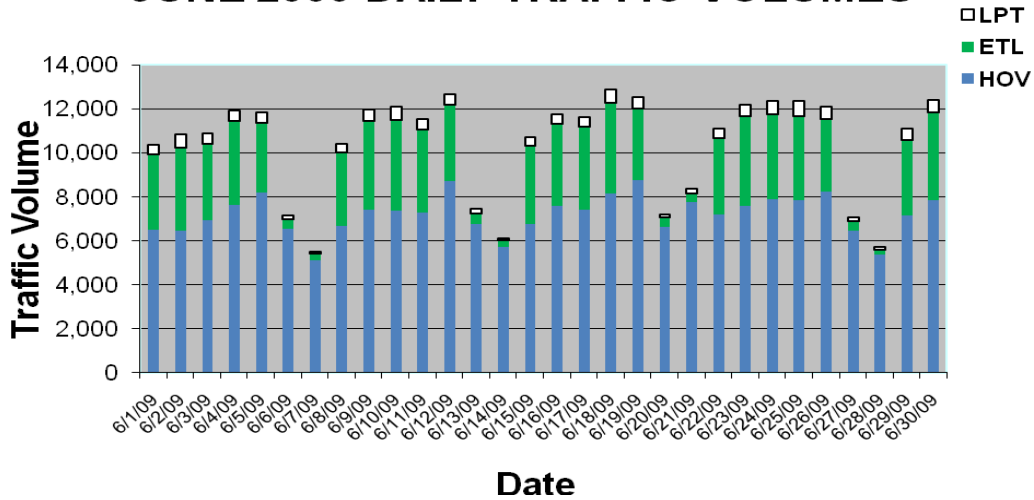
<b>June 2009 Traffic Data Summary</b>					
	<b>Express</b>	<b>HOV</b>	<b>Violations</b>	<b>LPT</b>	<b>Total</b>
<b>Total Monthly Traffic</b>	83,671	215,813	494	12,072	312,050
<b>Maximum Daily Traffic</b>	4,130	8,743	36	665	12,866
<b>Average Daily Traffic</b>	3,668	7,523	21	493	11,705
<b>Avg Weekday AM Peak Hour</b>	450	601	2	33	1,087
<b>Avg Weekday PM Peak Hour</b>	361	795	2	66	1,224
<b>Avg Weekday AM Peak Period</b>	1,801	2,402	10	134	4,347
<b>Avg Weekday PM Peak Period</b>	1,444	3,179	9	264	4,896

\* 6:00 AM – 10:00 AM

\*\* 3:00 PM – 7:00 PM

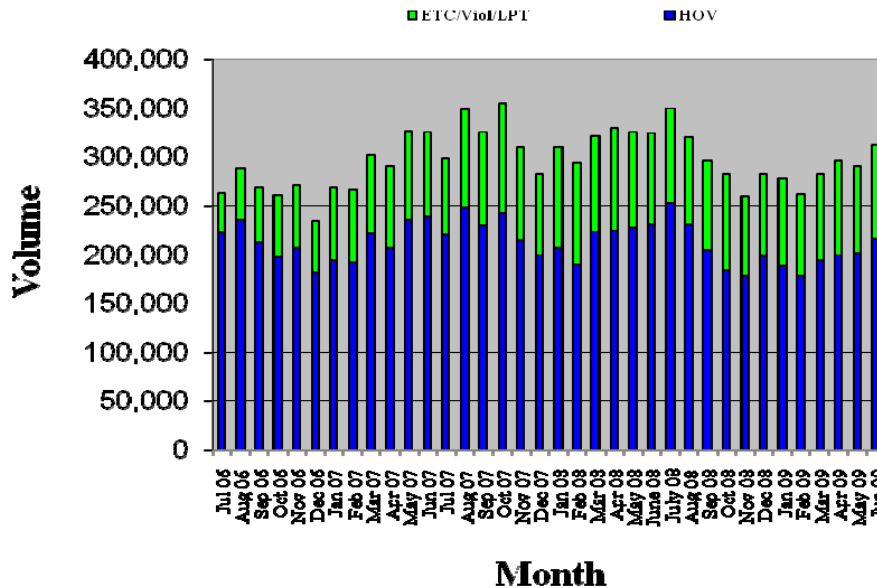
Daily and monthly traffic volumes are illustrated in the following figures. LPT and violation counts have been combined into a third tier for the Daily Traffic Volumes table.

### JUNE 2009 DAILY TRAFFIC VOLUMES



The Monthly Traffic Volumes chart below shows the ETL, Violations, and LPT combined.

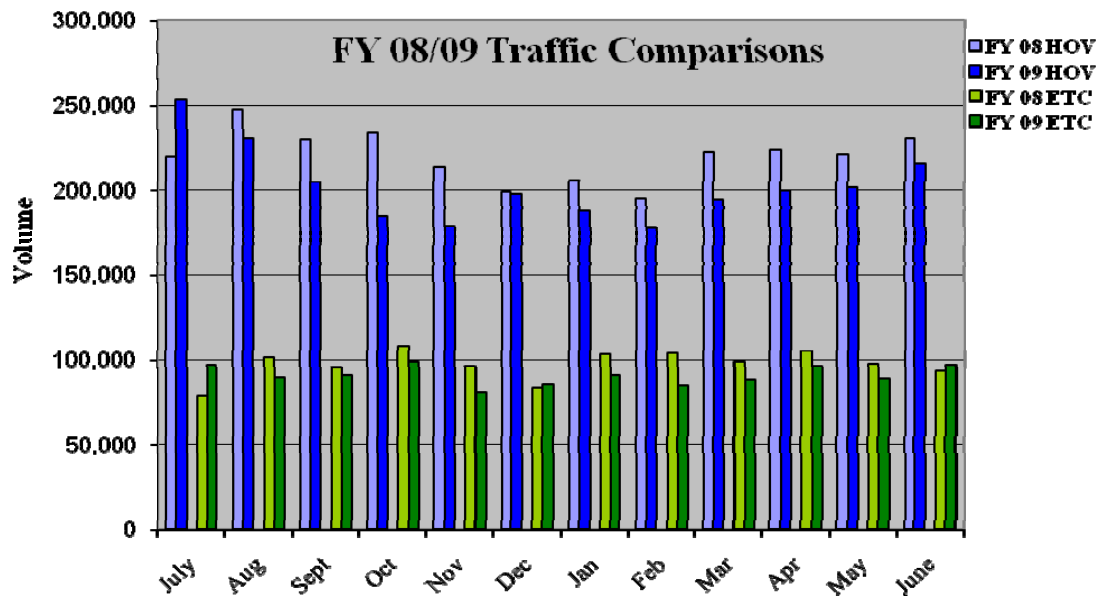
### MONTHLY TRAFFIC VOLUMES



HOV lane usage during June increased to 215,813; up from 201,513 in May. This amount is down from 230,851 in June 2008 and represents a decrease of 15,038, or 6.51% since one year ago.

Toll lane usage during June increased to 96,237; up from 88,666 in May. June’s toll lane usage amount includes ETL, LPT, and violations. This amount is up from 93,394 in June 2008 and represents an increase of 2,843, or 3.04% since one year ago.

Current fiscal year traffic volumes compared to the previous fiscal year’s volumes are represented in the following figure.





MONTHLY PROGRESS REPORT – June 2009

Detailed data for peak period traffic volumes are found in the following tables.

<b>Morning Rush Period</b>										
<b>Weekday</b>	<b>Total Peak Period</b>					<b>Avg Per Hour</b>				
	<b>Express</b>	<b>HOV</b>	<b>Violation</b>	<b>LPT</b>	<b>Total</b>	<b>Express</b>	<b>HOV</b>	<b>Violation</b>	<b>LPT</b>	<b>Total</b>
<b>Monday</b>	1855	2250	11	122	4238	464	562	3	30	1060
<b>Tuesday</b>	2192	2267	10	157	4626	548	567	2	39	1156
<b>Wednesday</b>	1734	2322	6	117	4179	434	580	2	29	1045
<b>Thursday</b>	1821	2470	7	133	4431	455	618	2	33	1108
<b>Friday</b>	1434	2315	12	112	3873	358	579	3	28	968
<b>Monday</b>	1744	2248	6	119	4117	436	562	2	30	1029
<b>Tuesday</b>	1944	2473	9	151	4577	486	618	2	38	1144
<b>Wednesday</b>	1793	2391	7	130	4321	448	598	2	32	1080
<b>Thursday</b>	1925	2464	9	141	4539	481	616	2	35	1135
<b>Friday</b>	1559	2347	6	115	4027	390	587	2	29	1007
<b>Monday</b>	1859	2267	7	136	4269	465	567	2	34	1067
<b>Tuesday</b>	1872	2450	11	134	4467	468	612	3	34	1117
<b>Wednesday</b>	1955	2539	11	149	4654	489	635	3	37	1164
<b>Thursday</b>	1901	2528	10	147	4586	475	632	2	37	1146
<b>Friday</b>	1489	2373	5	109	3976	372	593	1	27	994
<b>Monday</b>	1768	2439	11	135	4353	442	610	3	34	1088
<b>Tuesday</b>	1907	2486	15	145	4553	477	622	4	36	1138
<b>Wednesday</b>	1870	2543	9	147	4569	468	636	2	37	1142
<b>Thursday</b>	1837	2519	19	134	4509	459	630	5	34	1127
<b>Friday</b>	1524	2252	13	123	3912	381	563	3	31	978
<b>Monday</b>	1734	2368	9	152	4263	434	592	2	38	1066
<b>Tuesday</b>	1897	2534	15	139	4585	474	634	4	35	1146



MONTHLY PROGRESS REPORT – June 2009

Afternoon Rush Period										
Weekday	Total Peak Period					Avg Per Hour				
	Express	HOV	Violation	LPT	Total	Express	HOV	Violation	LPT	Total
Monday	1194	2776	7	217	4194	298	694	2	54	1048
Tuesday	1229	2732	8	341	4310	307	683	2	85	1078
Wednesday	1388	3027	7	265	4687	347	757	2	66	1172
Thursday	1617	3318	10	239	5184	404	830	2	60	1296
Friday	1243	3309	9	201	4762	311	827	2	50	1190
Monday	1276	2936	8	197	4417	319	734	2	49	1104
Tuesday	1692	3224	12	278	5206	423	806	3	70	1302
Wednesday	1854	3110	10	353	5327	464	778	2	88	1332
Thursday	1408	2999	8	237	4652	352	750	2	59	1163
Friday	1402	3376	3	256	5037	350	844	1	64	1259
Monday	1248	2951	2	198	4399	312	738	0	50	1100
Tuesday	1457	3110	2	238	4807	364	778	0	60	1202
Wednesday	1456	3220	11	212	4899	364	805	3	53	1225
Thursday	1737	3632	8	315	5692	434	908	2	79	1423
Friday	1232	3498	10	277	5017	308	874	2	69	1254
Monday	1323	3056	9	204	4592	331	764	2	51	1148
Tuesday	1792	3353	10	289	5444	448	838	2	72	1361
Wednesday	1549	3190	10	301	5050	387	798	2	75	1262
Thursday	1465	3298	10	374	5147	366	824	2	94	1287
Friday	1291	3357	11	264	4923	323	839	3	66	1231
Monday	1331	3110	10	248	4699	333	778	2	62	1175
Tuesday	1584	3360	14	304	5262	396	840	4	76	1316



The following table represents monthly averages of peak hour traffic during the current fiscal year.

	AM ETL 7:00- 8:00	AM HOV 7:00- 8:00	PM HOV 5:00- 6:00	PM ETL 5:00- 6:00	AM Total 7:00- 8:00	PM Total 5:00- 6:00	Capacity
<b>Jul 08</b>	721	1,012	1,116	561	1,733	1,677	3,000
<b>Aug 08</b>	732	1,073	1,035	555	1,805	1,590	3,000
<b>Sep 08</b>	797	1,065	966	552	1,862	1,518	3,000
<b>Oct 08</b>	826	1,076	1,030	613	1,902	1,643	3,000
<b>Nov 08</b>	759	965	958	560	1,724	1,518	3,000
<b>Dec 08</b>	620	828	909	519	1,448	1,428	3,000
<b>Jan 09</b>	708	901	940	603	1,744	1,665	3,000
<b>Feb 09</b>	756	987	966	599	1,757	1,581	3,000
<b>Mar 09</b>	697	917	939	583	1,615	1,523	3,000
<b>Apr 09</b>	741	998	1000	664	1,739	1,664	3,000
<b>May 09</b>	721	970	985	612	1,691	1,597	3,000
<b>Jun 09</b>	763	927	998	639	1,689	1,637	3,000

Fifteen minute counts at the 19<sup>th</sup> Street exit have been collected since April 2008. Counts are conducted manually only during the first full week of each month, providing a representative sample.

November 2008 recorded the highest counts at 19th Street, with an average of 1,400 vehicles during the rush hour. The June 2009 recorded averages totaled 1,207. The peak 15-minute period during rush hour is from 7:45 to 8:00.

A table containing 15-minute counts at 19<sup>th</sup> Street follows:

<b>15-MINUTE COUNTS AT 19<sup>TH</sup> STREET</b>						
	Monday 1-Jun	Tuesday 2-Jun	Wednesday 3-Jun	Thursday 4-Jun	Friday 5-Jun	Average
<b>7:00 - 7:15</b>	158	175	156	145	138	<b>154</b>
<b>7:15 - 7:30</b>	200	221	208	217	164	<b>202</b>
<b>7:30 - 7:45</b>	238	236	217	222	193	<b>221</b>
<b>7:45 - 8:00</b>	245	257	248	261	214	<b>245</b>
<b>8:00 - 8:15</b>	211	229	163	206	206	<b>203</b>
<b>8:15 - 8:30</b>	183	221	155	176	176	<b>182</b>



## 2.0 BUS 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 triggers are:

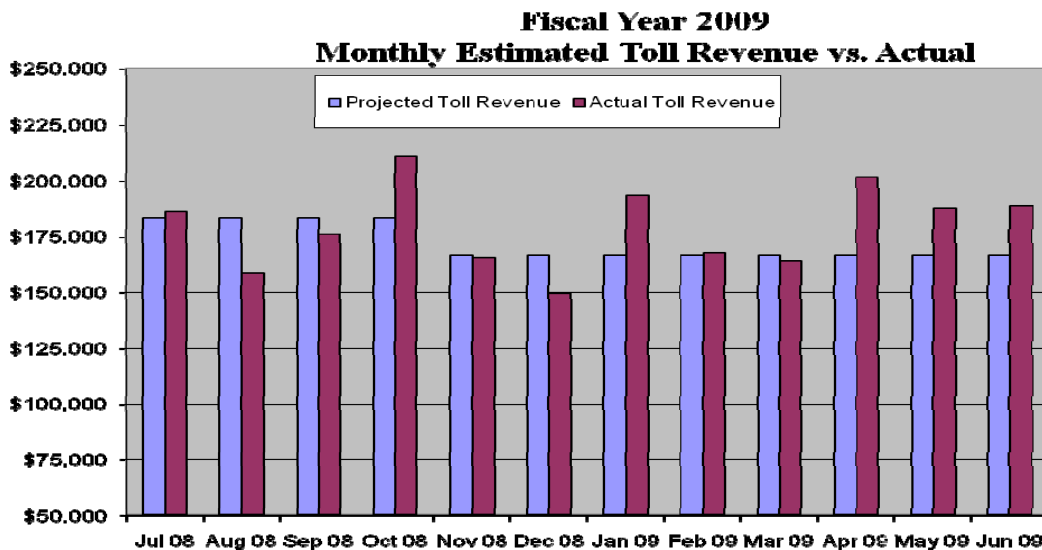
- Exceeding travel time for more than one bus in an hour (provided the excess is not attributable to a stall, crash and closure of the lane, or special event).
- Exceeding the travel time for more than one day per week for three weeks in a row.
- Predictable patterns.

During June, no buses exceeded the 8 minute 45 second time line. Nineteen buses exceeded the 7 minute 45 second timeline during the morning rush hour and twenty-six buses exceeded the 7 minute 45 second timeline outside of the morning rush hour. No consistent pattern for the delays was determined.

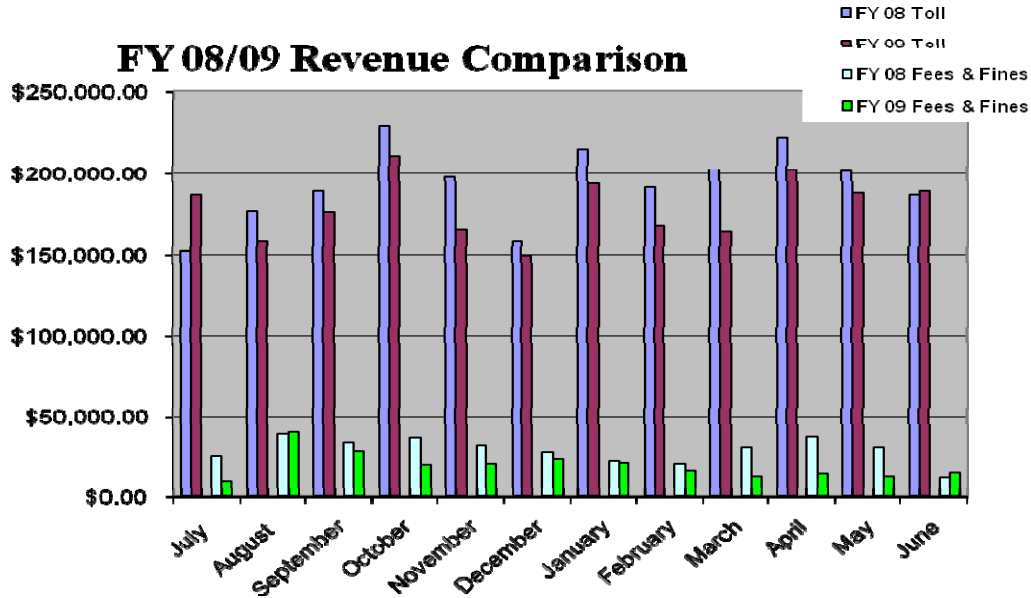
## 3.0 REVENUES AND EXPENDITURES

June 2009 toll revenues increased to \$188,677.50; up from \$187,738.75 in May. The total of all revenues, including tolls, fees, and fines, was \$203,827.10. Fees and fines collected this month increased to \$15,149.60; up from \$13,146.49 in May. The amount of fees and fines collected in June represents 7.43% of June’s total revenues. (Reminder: Some revenues that were posted may have been transactions, fees, and fines reconciled from previous months’ transactions.)

The following figure shows the projected vs. actual toll revenue to date for Fiscal Year 2009.



Current fiscal year revenues compared to the previous fiscal year’s revenues are illustrated in the following figure.



The following table illustrates CTE general administrative expenditures through June 2009.

ITEM	Revised Estimated Revenues	Revised Estimated Expenditures	Current Month Actual	Year-to-Date Actual	Remaining
<b>CTE Administrative Budget</b>					
<u>Revenues</u>					
Interest Earnings	\$ 66,300		\$ 3,927	\$ 56,483	\$ 9,817
Carry Forward Balance from prior Fiscal Year	\$ 1,938,450		\$ -	\$ 1,938,450	\$ -
<b>Total Revenues</b>	\$ 2,004,750		\$ 3,927	\$ 1,994,933	\$ 9,817
<u>Expenditures</u>					
General Engineering Consultant (8200)		\$ 165,000	\$ -	\$ -	\$ 165,000
Traffic and Revenue Consultant ((8200)		\$ 100,000	\$ -	\$ -	\$ 100,000
Financial Advisor (8200)		\$ 104,144	\$ -	\$ 15,013	\$ 89,132
Misc. (Marketing/Research, Advertisement) (8200)		\$ 40,000	\$ -	\$ 3,731	\$ 36,269
IBTTA Dues & Conference Registration (8100)		\$ 3,000	\$ 575	\$ 2,979	\$ 21
Misc. (Travel, Meals, Board Expenses) (8100)		\$ 3,000	\$ 600	\$ 2,273	\$ 727
CDOT/ CTE Staff Costs (8100)		\$ 105,842	\$ 5,164	\$ 79,286	\$ 26,556
<b>Total Expenditures</b>		\$ 520,986	\$ 6,339	\$ 103,282	\$ 417,704



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The next table illustrates expenses specific only to the I-25/HOV Express Lanes.

ITEM	Revised Estimated Revenues	Revised Estimated Expenditures	Current Month Actual	Year-to-Date Actual	Remaining
<b>I 25 Express Lanes (8500)</b>					
<b><u>Revenues</u></b>					
Estimated Toll Revenues	\$ 2,000,000		\$ 190,721	\$ 2,155,869	\$ (155,869)
Estimated Misc. Revenues	\$ 200,000		\$ 15,150	\$ 239,478	\$ (39,478)
Interest Earnings	\$ 86,500		\$ 7,401	\$ 86,950	\$ (450)
Loan from Transportation Commission	\$ -		\$ -	\$ -	\$ -
Carry Forward Balance from prior Fiscal Year	\$ 2,225,156		\$ -	\$ 2,225,156	\$ -
<b>Total Revenues</b>	<b>\$ 4,511,656</b>		<b>\$ 213,271</b>	<b>\$ 4,707,452</b>	<b>\$ (195,796)</b>
<b><u>Expenditures</u></b>					
Contracted Snow Plow Operations (T-P Enterprises)		\$ 455,575	\$ 37,533	\$ 419,151	\$ 36,424
Colorado State Patrol		\$ 77,250	\$ 5,612	\$ 57,419	\$ 19,831
E-470 Oversight, Management, Operations		\$ 430,000	\$ 64,615	\$ 319,322	\$ 110,678
E-470 Maintenance Tech.		\$ 83,166	\$ 12,697	\$ 67,385	\$ 15,781
Toll System Maintenance - Hybrid Software Dev.		\$ -	\$ -	\$ (10,103)	\$ 10,103
VMS, Fiber, Travel Time, Surveillance		\$ -	\$ -	\$ -	\$ -
Non-revenue transponders		\$ 5,000	\$ -	\$ -	\$ 5,000
IBTTA Dues (25% of Total)		\$ 1,000	\$ -	\$ 475	\$ 525
Marketing/ Outreach		\$ 10,300	\$ 312	\$ 312	\$ 9,988
User Survey		\$ 30,000	\$ -	\$ 27,603	\$ 2,397
CDOT/ CTE Staff Costs		\$ 64,436	\$ 2,939	\$ 40,012	\$ 24,424
TC Loan Repayment		\$ 301,822	\$ 301,822	\$ 301,822	\$ (301,822)
Contingency for Major Improvements		\$ 600,000	\$ -	\$ -	\$ 600,000
CTE Board Contingency		\$ 250,000	\$ -	\$ -	\$ 250,000
Capital Plan:				\$ -	
1. Controller Cabinet Modifications		\$ 10,000	\$ -	\$ -	\$ 10,000
2. Gates		\$ 378,000	\$ -	\$ -	\$ 378,000
3. Software Upgrade for Gates		\$ 12,500	\$ -	\$ -	\$ 12,500
4. Variable Message Sign Upgrades		\$ 20,000	\$ 230	\$ 230	\$ 19,770
5. Joint Replacement/Deck Repair		\$ 18,000	\$ -	\$ 19,390	\$ (1,390)
6. Dynamic Pricing Upgrade		\$ -	\$ -	\$ -	\$ -
Region 6 Maintenance Costs		\$ 170,000	\$ 8,695	\$ 97,808	\$ 72,192
Courtesy Patrol		\$ 120,000	\$ 18,827	\$ 114,793	\$ 5,207
Maintenance Response Vehicles		\$ -	\$ -	\$ -	\$ -
<b>Total Expenditures</b>		<b>\$ 3,037,049</b>	<b>\$ 453,280</b>	<b>\$ 1,455,619</b>	<b>\$ 1,279,608</b>



#### 4.0 INCIDENTS

During the month of June, no major issues occurred with the HOT lanes other than a drunken driver hitting six of the gates on southbound I-25 at US 36. Damage was relatively minor and the lanes were kept operational without endangering the public.

#### 5.0 ENFORCEMENT

Law enforcement activities during FY 09 are shown in the table below.

COLORADO STATE PATROL MANUAL CITATIONS							
	Total	Toll	HOV	Hazardous	Seatbelt	All	
<b>Jul</b>	99	16	16	19	9	23	0 felony, 0 misd.
<b>Aug</b>	68	9	9	21	2	24	0 felony, 0 misd.
<b>Sep</b>	113	4	5	20	1	18	0 felony, 0 misd.
<b>Oct</b>	147	4	19	23	11	12	1 felony, 0 misd.
<b>Nov</b>	115	8	10	25	3	16	0 felony, 0 misd.
<b>Dec</b>	107	10	11	21	9	20	0 felony, 1 misd.
<b>Jan</b>	113	4	16	12	14	8	0 felony, 0 misd.
<b>Feb</b>	104	4	10	17	16	9	0 felony, 0 misd.
<b>Mar</b>	107	5	12	20	4	13	0 felony, 0 misd.
<b>Apr</b>	125	16	21	19	7	21	0 felony, 1 misd.
<b>May</b>	122	8	9	18	5	14	3 felony, 0 misd.
<b>Jun</b>	103	11	11	23	4	22	0 felony, 2 misd.

#### 6.0 OPERATIONAL ISSUES

Following software work done on June 17th and beginning during the rush hour of June 18th, the VMS message reverted back to the old rate of \$3.25, rather than the \$3.50 rate that had previously been changed to match the increased RTD fare. Consequently, customers were charged \$3.50 instead of the posted \$3.25 price. The error was corrected before the evening rush hour on July 8th and a reverse and repost of the transactions was done. There were 19,274 transactions (AVITOLLS and VTOLLS) reversed on 6,166 accounts for a total of \$67,459.00. The 19,274 transactions were then reposted for a total of \$62,640.50, for a net refund of \$4,818.50.