



# MONTHLY PROGRESS REPORT

June 2010



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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 2010.

### 1.0 VOLUMES AND LANE USAGE

During June 2010, recorded use of the I-25 HOV/Express Lanes (including both HOV and toll-paying vehicles), increased to 299,615. This represents a 3.13% increase from 290,511 in May and a 0.34% increase from 298,592 in April. Total traffic volume is 3.39% lower than total volume in June 2009.

The highest traffic volume recorded since opening was in December 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.

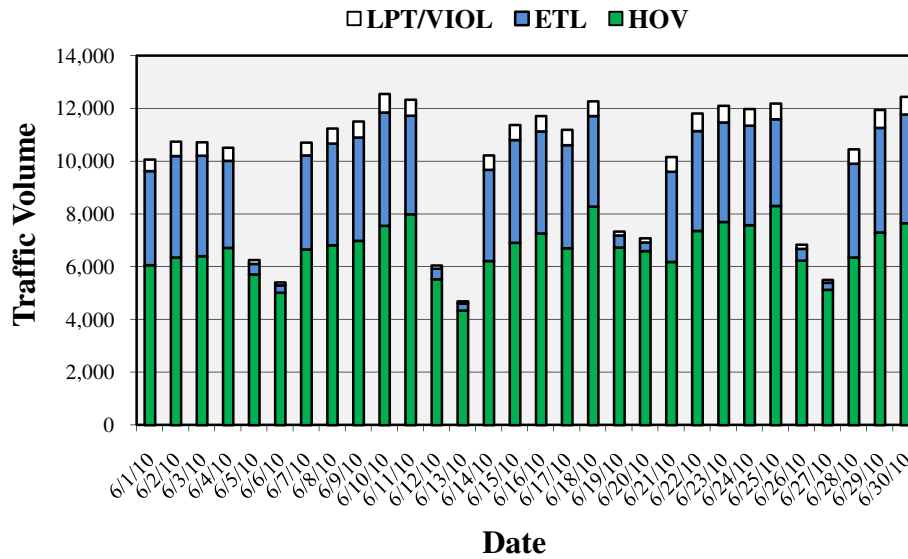
June 2010 Traffic Data Summary					
	Express	HOV	Violations	LPT	Total
<b>Total Monthly Traffic</b>	85,004	200,784	839	12,988	299,615
<b>Maximum Daily Traffic</b>	4,293	8,315	58	660	12,556
<b>Average Daily Traffic</b>	3,735	7,066	37	544	11,382
<b>Avg. Weekday AM Peak Hour</b>	471	584	5	53	1,113
<b>Avg. Weekday PM Peak Hour</b>	362	743	4	61	1,169
<b>Avg. Weekday AM Peak Period</b>	1,883	2,337	19	213	4,452
<b>Avg. Weekday PM Peak Period</b>	1,447	2,971	14	242	4,674

\* 6:00 AM – 10:00 AM

\*\* 3:00 PM – 7:00 PM

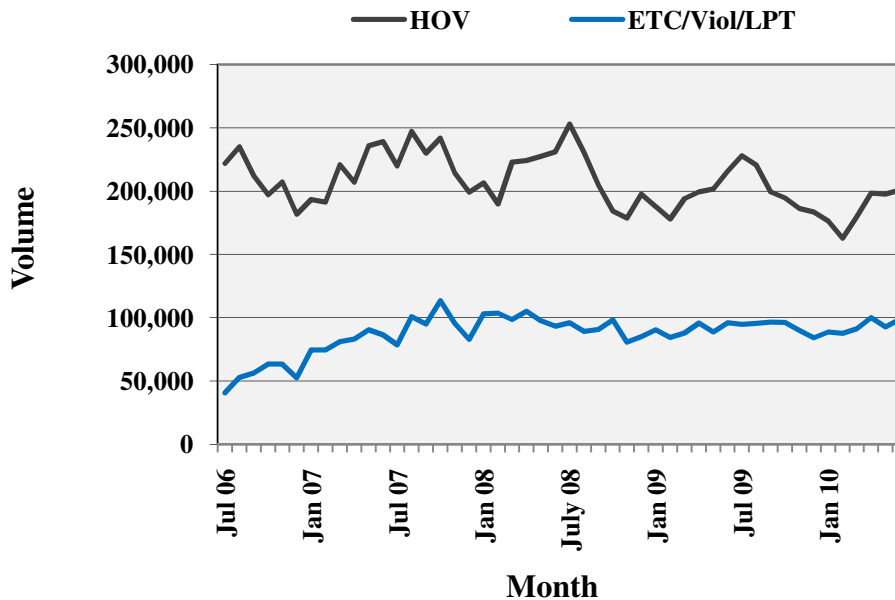
Daily and monthly traffic volumes are illustrated in the following figures. LPT and violation counts have been combined into a third tier for the Daily Traffic Volumes table.

### JUNE 2010 DAILY TRAFFIC VOLUMES



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

### MONTHLY TRAFFIC VOLUMES

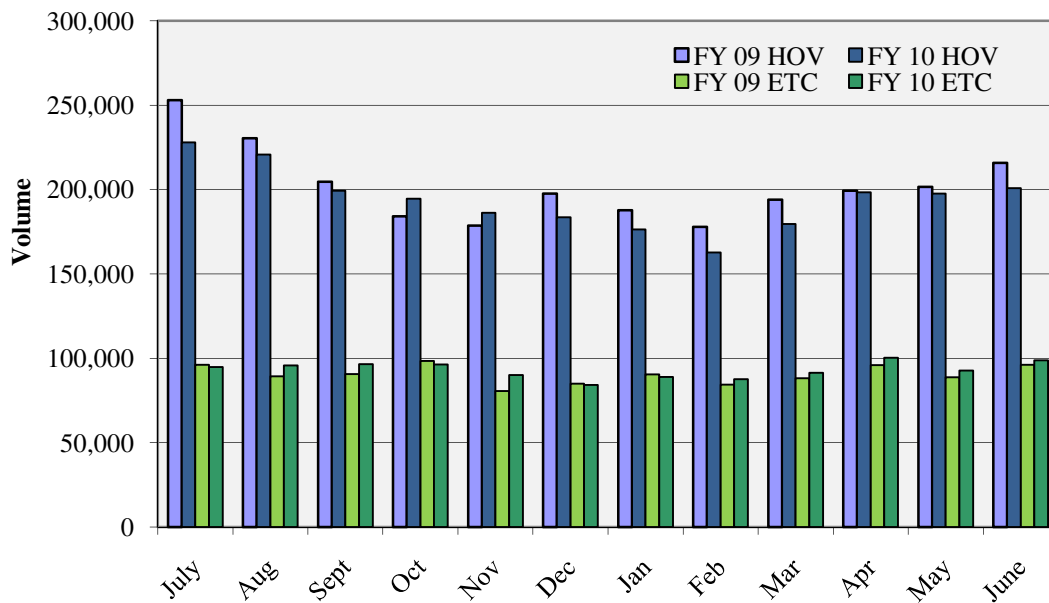


HOV lane usage during June increased to 200,784 up from 197,692 in May. This amount is down from 215,813 in June 2009 and represents a decrease of 15,029, or 6.96% since one year ago.

Toll lane usage during June increased to 98,831; up from 92,819 in May. June’s toll lane usage amount includes ETL, LPT, and violations. This amount is up from 96,237 in June 2009 and represents an increase of 2,594, or 2.70% since one year ago.

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

### FY 09/10 TRAFFIC COMPARISONS





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

<b>Morning Rush Period</b>										
	<b>Total Peak Hour</b>					<b>Avg. Per Hour</b>				
<b>Weekday</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>Tuesday</b>	1800	2226	13	176	4215	450	556	3	44	1054
<b>Wednesday</b>	1864	2280	16	197	4357	466	570	4	49	1089
<b>Thursday</b>	1970	2345	18	207	4540	492	586	4	52	1135
<b>Friday</b>	1572	2171	17	173	3933	393	543	4	43	983
<b>Monday</b>	1830	2263	17	191	4301	458	566	4	48	1075
<b>Tuesday</b>	1986	2338	23	225	4572	496	584	6	56	1143
<b>Wednesday</b>	2050	2418	14	233	4715	512	604	4	58	1179
<b>Thursday</b>	2018	2472	18	230	4738	504	618	4	58	1184
<b>Friday</b>	1770	2174	12	200	4156	442	544	3	50	1039
<b>Monday</b>	1828	2093	17	200	4138	457	523	4	50	1034
<b>Tuesday</b>	2082	2331	21	216	4650	520	583	5	54	1162
<b>Wednesday</b>	1981	2494	18	226	4719	495	624	4	56	1180
<b>Thursday</b>	1974	2384	19	229	4606	494	596	5	57	1152
<b>Friday</b>	1528	2247	12	167	3954	382	562	3	42	988
<b>Monday</b>	1806	2232	16	218	4272	452	558	4	54	1068
<b>Tuesday</b>	1956	2447	28	249	4680	489	612	7	62	1170
<b>Wednesday</b>	1901	2517	20	236	4674	475	629	5	59	1168
<b>Thursday</b>	2012	2437	25	240	4714	503	609	6	60	1178
<b>Friday</b>	1499	2259	16	175	3949	375	565	4	44	987
<b>Monday</b>	1881	2281	19	217	4398	470	570	5	54	1100
<b>Tuesday</b>	2092	2506	34	252	4884	523	626	8	63	1221
<b>Wednesday</b>	2031	2497	29	228	4785	508	624	7	57	1196



Afternoon Rush Period										
Weekday	Total Peak Hour					Avg. Per Hour				
	Express	HOV	Violation	LPT	Total	Express	HOV	Violation	LPT	Total
Monday										
Tuesday	1478	2742	13	183	4416	370	686	3	46	1104
Wednesday	1649	2919	12	242	4822	412	730	3	60	1206
Thursday	1498	2954	9	200	4661	374	738	2	50	1165
Friday	1332	3080	14	215	4641	333	770	4	54	1160
Monday	1367	2757	10	190	4324	342	689	2	48	1081
Tuesday	1498	2812	11	225	4546	374	703	3	56	1136
Wednesday	1466	2766	15	244	4491	366	692	4	61	1123
Thursday	1764	3264	21	323	5372	441	816	5	81	1343
Friday	1407	3052	11	227	4697	352	763	3	57	1174
Monday	1330	2717	12	247	4306	332	679	3	62	1076
Tuesday	1472	2874	10	248	4604	368	718	2	62	1151
Wednesday	1461	3011	16	234	4722	365	753	4	58	1180
Thursday	1585	3142	21	253	5001	396	786	5	63	1250
Friday	1303	3180	12	239	4734	326	795	3	60	1184
Monday	1336	2781	16	242	4375	334	695	4	60	1094
Tuesday	1415	2903	18	274	4610	354	726	4	68	1152
Wednesday	1391	2928	10	259	4588	348	732	2	65	1147
Thursday	1307	2948	11	238	4504	327	737	3	60	1126
Friday	1236	3254	18	255	4763	309	814	4	64	1191
Monday	1376	2915	13	219	4523	344	729	3	55	1131
Tuesday	1514	3091	20	283	4908	378	773	5	71	1227
Wednesday	1643	3276	18	290	5227	411	819	4	72	1307

The following table represents monthly averages of peak hour traffic during FY 2010.

	AM ETL 7:00-8:00	AM HOV 7:00-8:00	PM ETL 5:00-6:00	PM HOV 5:00-6:00	AM Total 7:00-8:00	PM Total 5:00-6:00	Capacity
Apr 10	808	937	651	901	1,745	1,551	3,000
May 10	782	908	659	865	1,690	1,524	3,000
June 10	864	924	653	933	1,789	1,586	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.

December 2008 recorded the highest counts at 19th Street, with an average of 1,400 vehicles during the rush hour. The April 2010 recorded averages totaled 1,304. 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:

15-minute counts at 19th St.						
	Monday	Tuesday	Wednesday	Thursday	Friday	Average
	7-Jun	8-Jun	9-Jun	10-Jun	11-Jun	
7:00 - 7:15	177	146	159	163	140	157
7:15 - 7:30	198	187	203	211	171	194
7:30 - 7:45	261	275	253	279	269	267
7:45 - 8:00	283	316	297	310	261	293
8:00 - 8:15	218	227	245	251	202	229
8:15 - 8:30	151	165	166	178	159	164

## 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 the month of June, there were three buses that exceeded the allotted travel time of 8 minutes and 45 second. Two of these delays occurred during the rush hour period and may have been caused by the traffic build up at 19<sup>th</sup> street.

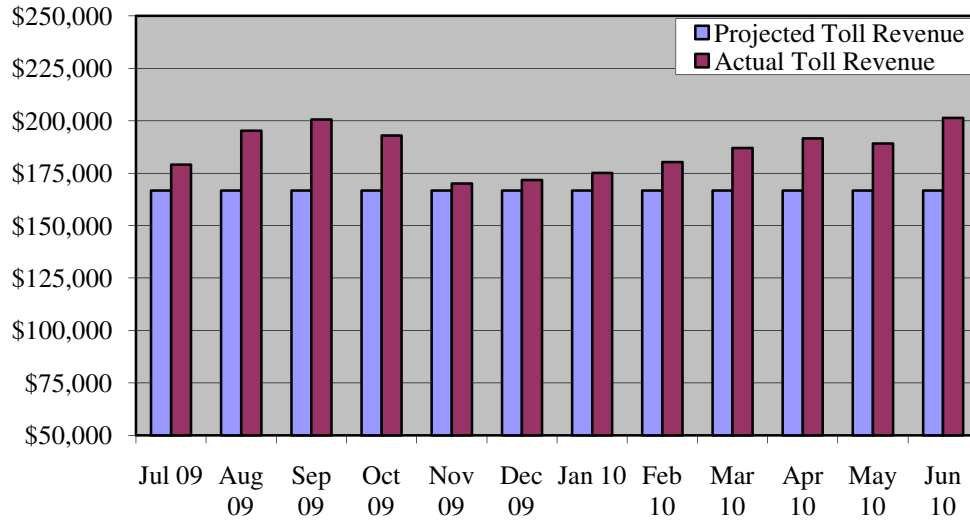
## 3.0 REVENUES AND EXPENDITURES

June toll revenues increased to \$201,403; up from \$189,164 in May. The total of all revenues, including tolls, fees, and fines, was \$219,448. Fees and fines collected this month increased to \$18,046; down from \$14,832 in May. The amount of fees and fines collected in June represents 8.96% of June’s total revenues. (Reminder: Some revenues that were posted may have been transactions, fees, and fines reconciled from previous months’ transactions.)



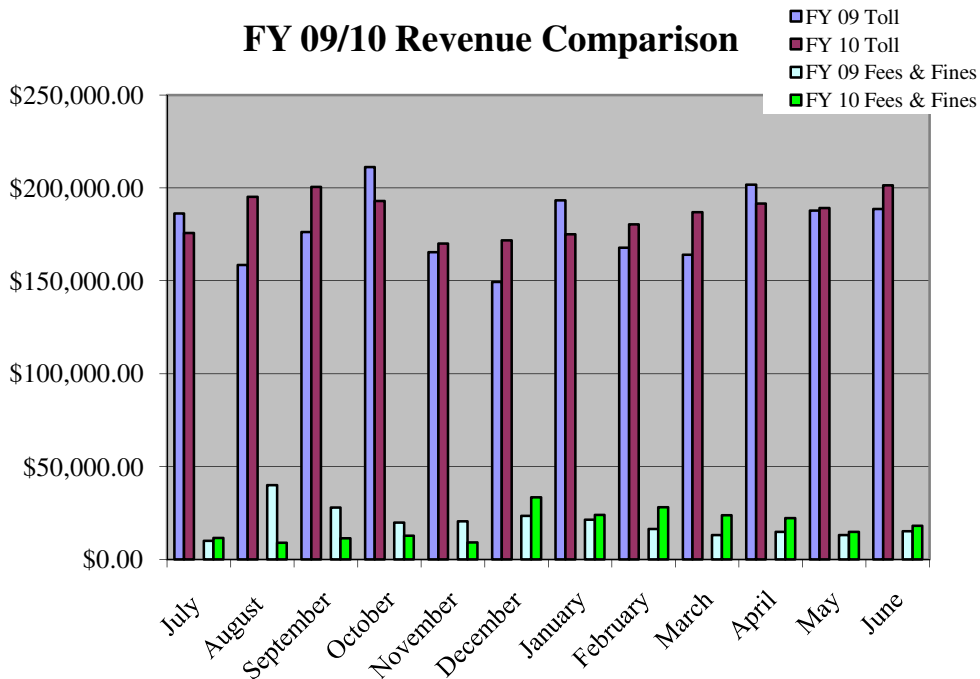
The following figure shows the projected vs. actual toll revenue to date for Fiscal Year 2010.

**Fiscal Year 2010  
Monthly Estimated Toll Revenue vs. Actual**



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

**FY 09/10 Revenue Comparison**



The following table illustrates general administrative revenues and expenditures through June 2010.

ITEM	Revised Estimated Revenues	Revised Estimated Expenditures	Current Month Actual	Year-to-Date Actual	Remaining
<b>HPTE Administrative Budget</b>					
<u>Revenues</u>					
Interest Earnings	\$ 45,000		\$ 3,142	\$ 43,336	\$ 1,664
Misc. Revenue	\$ -		\$ 2,372	\$ 11,256	\$ (11,256)
Carryforward Balance from prior Fiscal Year	\$ 1,891,651		\$ -	\$ 1,891,651	\$ -
<b>Total Revenues</b>	<b>\$ 1,936,651</b>		<b>\$ 5,514</b>	<b>\$ 1,946,243</b>	<b>\$ (9,592)</b>
<u>Expenditures</u>					
General Engineering Consultant		\$ 150,000	\$ 92,046	\$ 132,466	\$ 17,535
Traffic and Revenue Consultant		\$ 100,000	\$ -	\$ -	\$ 100,000
Financial Advisor		\$ 85,000	\$ 12,702	\$ 12,702	\$ 72,298
Misc. (Marketing/Research, Advertisement)		\$ 10,000	\$ -	\$ -	\$ 10,000
IBTTA Dues & Conference Registration		\$ 1,500	\$ -	\$ 1,425	\$ 75
Misc. (Travel, Meals, Board Expenses)		\$ 1,500	\$ 188	\$ 1,410	\$ 90
CDOT/ HPTE Staff Costs		\$ 87,284	\$ 14,712	\$ 84,223	\$ 3,061
<b>Total Expenditures</b>		<b>\$ 435,284</b>	<b>\$ 119,648</b>	<b>\$ 232,226</b>	<b>\$ 203,058</b>



MONTHLY PROGRESS REPORT – June 2010

The next table illustrates revenues and 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</b>					
<b><u>Revenues</u></b>					
Estimated Toll Revenues	\$ 2,000,000		\$ 201,403	\$ 2,234,222	\$ (234,222)
Estimated Misc. Revenues	\$ 100,000		\$ 10,363	\$ 202,464	\$ (102,464)
Interest Earnings	\$ 90,000		\$ 7,683	\$ 91,523	\$ (1,523)
Loan from Transportation Commission	\$ -		\$ -	\$ -	\$ -
Carryforward Balance from prior Fiscal Year	\$ 3,251,834		\$ -	\$ 3,251,834	\$ -
<b>Total Revenues</b>	<b>\$ 5,441,834</b>		<b>\$ 219,448</b>	<b>\$ 5,780,043</b>	<b>\$ (338,209)</b>
<b><u>Expenditures</u></b>					
Contracted Snow Plow Operations (T-P Enterprises)		\$ 455,575	\$ 37,533	\$ 468,382	\$ (12,807)
Colorado State Patrol		\$ 75,000	\$ 5,339	\$ 66,178	\$ 8,822
E-470 Oversight, Management, Operations		\$ 430,000	\$ 42,132	\$ 330,974	\$ 99,026
E-470 Maintenance Tech.		\$ 83,166	\$ 12,457	\$ 79,102	\$ 4,065
Toll System Maintenance - Hybrid Software Dev.		\$ -	\$ -	\$ -	\$ -
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	\$ -	\$ -	\$ 10,300
User Survey		\$ -	\$ -	\$ -	\$ -
CDOT/ HPTE Staff Costs		\$ 68,731	\$ 2,450	\$ 28,485	\$ 40,246
TC Loan Repayment		\$ 301,822	\$ 301,822	\$ 301,822	\$ -
Contingency for Major Improvements		\$ 400,000	\$ -	\$ -	\$ 400,000
HPTE Board Contingency		\$ 250,000	\$ -	\$ -	\$ 250,000
Capital Plan:				\$ -	
1. Gates		\$ 105,000	\$ 30,481	\$ 30,481	\$ 74,519
2. Variable Message Sign Upgrades		\$ 1,485	\$ -	\$ -	\$ 1,485
3. Cameras		\$ 8,994	\$ -	\$ -	\$ 8,994
Region 6 Maintenance Costs		\$ 129,867	\$ 12,257	\$ 68,609	\$ 61,258
Courtesy Patrol		\$ 120,000	\$ 18,827	\$ 114,304	\$ 5,696
Maintenance Response Vehicles		\$ -	\$ -	\$ -	\$ -
<b>Total Expenditures</b>		<b>\$ 2,445,940</b>	<b>\$ 463,298</b>	<b>\$ 1,488,811</b>	<b>\$ 655,307</b>



#### 4.0 INCIDENTS

There were two incidents in June. The first, on June 25<sup>th</sup> was an abandoned vehicle in the lane that delayed the morning opening. On June 28, 2010 a car hit the southbound gates, destroying one. It was replaced with a spare gate in our inventory.

#### 5.0 ENFORCEMENT

Law enforcement activities during FY 2010 are shown in the table below.

COLORADO STATE PATROL MANUAL CITATIONS							
	Total	Toll	HOV	Hazardous	Seatbelt	Other	
Apr 10	114	15	22	22	4	13	0 felony, 0 misd.
May 10	116	22	26	13	16	9	0 felony, 0 misd.
June 10	121	21	24	12	14	9	0 felony, 0 misd.

#### 6.0 OPERATIONAL ISSUES

During the month of June, no major operational issues occurred other than those disruptions created by the two incidents noted above.