



# MONTHLY PROGRESS REPORT

NOVEMBER 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 November 2009.

### 1.0 VOLUMES AND LANE USAGE

During November 2009, recorded use of the I-25 HOV/Express Lanes (including both HOV and toll-paying vehicles), decreased to 276,331. This represents a 5.01% decrease from 290,897 in October and a 6.61% decrease from 295,901 in September. Total traffic volume is 6.55% higher than total volume in November 2008.

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

The November 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.

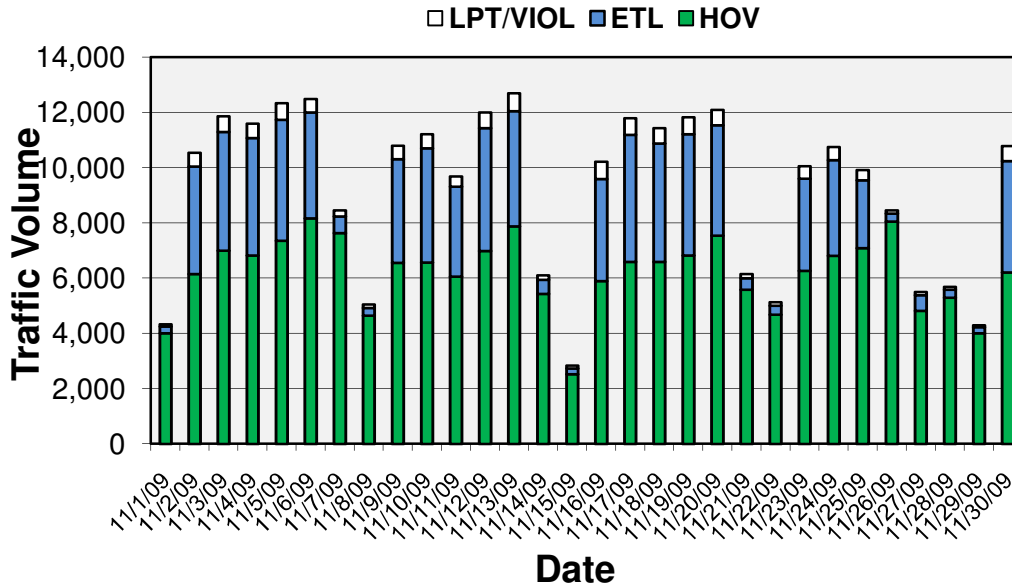
November 2009 Traffic Data Summary					
	Express	HOV	Violations	LPT	Total
<b>Total Monthly Traffic</b>	78,635	186,263	754	10,679	276,331
<b>Maximum Daily Traffic</b>	4,594	8,176	48	603	12,704
<b>Average Daily Traffic</b>	3,597	6,780	34	457	108,68
<b>Avg Weekday AM Peak Hour</b>	443	546	5	42	1,035
<b>Avg Weekday PM Peak Hour</b>	346	684	3	53	1,087
<b>Avg Weekday AM Peak Period</b>	1,771	2,185	18	167	4,141
<b>Avg Weekday PM Peak Period</b>	1,386	2,738	12	213	4,349

\* 6:00 AM – 10:00 AM

\*\* 3:00 PM – 7:00 PM

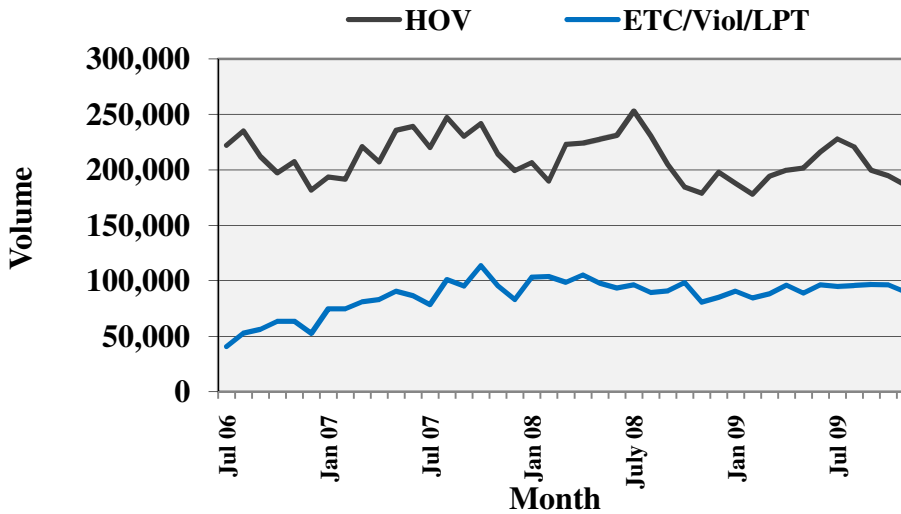
Daily and monthly traffic volumes are illustrated in the following figures. LPT and violation counts have been combined into a third tier for the Daily Traffic Volumes table.

### NOVEMBER 2009 DAILY TRAFFIC VOLUMES



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

### MONTHLY TRAFFIC VOLUMES

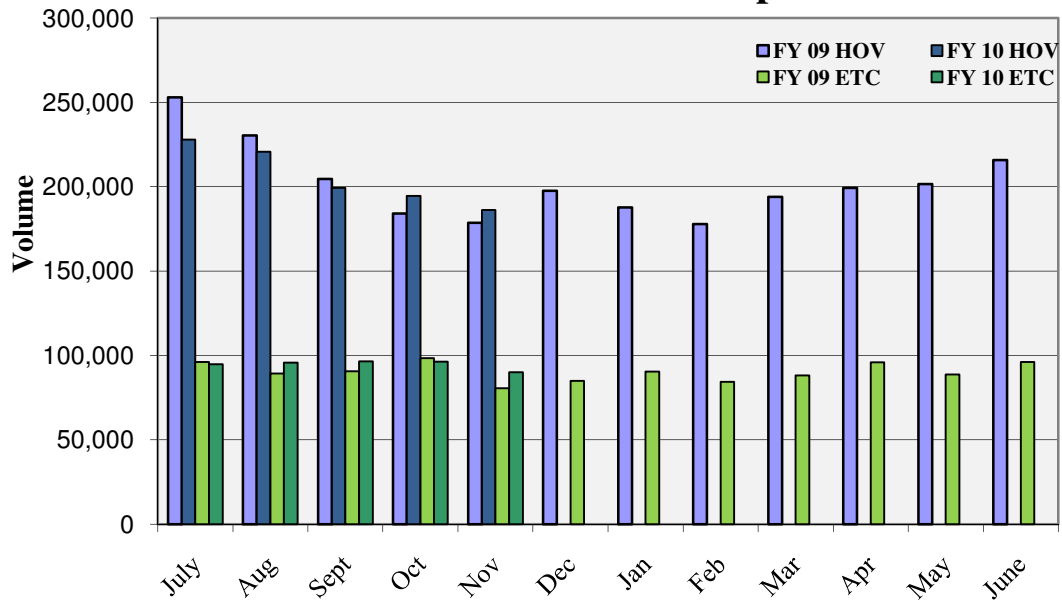


HOV lane usage during November decreased to 186,263; down from 194,533 in October. This amount is up from 178,694 in November 2008 and represents an increase of 7,569, or 4.24% since one year ago.

Toll lane usage during November decreased to 90,068; down from 96,364 in October. November’s toll lane usage amount includes ETL, LPT, and violations. This amount is up from 80,656 in November 2008 and represents an increase of 9,412, or 11.67% 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**





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

Morning Rush Period										
Weekday	Total Peak Period					Avg Per Hour				
	Express	HOV	Violation	LPT	Total	Express	HOV	Violation	LPT	Total
Monday	2040	2403	17	183	4643	510	601	4	46	1161
Tuesday	2167	2538	19	217	4941	542	634	5	54	1235
Wednesday	2136	2544	20	186	4886	534	636	5	46	1222
Thursday	2211	2643	28	223	5105	553	661	7	56	1276
Friday	1754	2448	16	153	4371	438	612	4	38	1093
Monday	1962	2407	21	184	4574	490	602	5	46	1144
Tuesday	2110	2492	24	181	4807	528	623	6	45	1202
Wednesday	1587	2061	19	134	3801	397	515	5	34	950
Thursday	2203	2541	26	218	4988	551	635	6	54	1247
Friday	1775	2327	21	152	4275	444	582	5	38	1069
Monday	2068	2335	26	242	4671	517	584	6	60	1168
Tuesday	2435	2437	28	208	5108	609	609	7	52	1277
Wednesday	2202	2484	22	211	4919	550	621	6	53	1230
Thursday	2195	2446	25	214	4880	549	612	6	54	1220
Friday	1858	2352	25	184	4419	464	588	6	46	1105
Monday	1780	2268	12	150	4210	445	567	3	38	1052
Tuesday	1648	2200	14	156	4018	412	550	4	39	1004
Wednesday	974	1880	6	102	2962	244	470	2	26	740
Thursday	1	216	0	10	227	0	54	0	2	57
Friday	195	580	1	26	802	49	145	0	6	200
Monday	1899	2274	15	176	4364	475	568	4	44	1091



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Afternoon Rush Period										
Weekday	Total Peak Period					Avg Per Hour				
	Express	HOV	Violation	LPT	Total	Express	HOV	Violation	LPT	Total
Monday	1490	2693	8	214	4405	372	673	2	54	1101
Tuesday	1684	2940	15	222	4861	421	735	4	56	1215
Wednesday	1609	2861	5	231	4706	402	715	1	58	1176
Thursday	1624	2942	17	243	4826	406	736	4	61	1206
Friday	1459	3292	11	208	4970	365	823	3	52	1242
Monday	1318	2368	14	176	3876	330	592	4	44	969
Tuesday	1573	2735	17	215	4540	393	684	4	54	1135
Wednesday	1301	2628	11	144	4084	325	657	3	36	1021
Thursday	1713	2951	21	248	4933	428	738	5	62	1233
Friday	1846	3290	17	361	5514	462	822	4	90	1378
Monday	1298	2517	16	274	4105	324	629	4	68	1026
Tuesday	1683	2760	17	281	4741	421	690	4	70	1185
Wednesday	1649	2829	11	240	4729	412	707	3	60	1182
Thursday	1710	2893	13	284	4900	428	723	3	71	1225
Friday	1560	2995	12	224	4791	390	749	3	56	1198
Monday	1238	2614	10	208	4070	310	654	2	52	1018
Tuesday	1377	2898	15	222	4512	344	724	4	56	1128
Wednesday	963	2966	11	163	4103	241	742	3	41	1026
Thursday	47	1815	0	19	1881	12	454	0	5	470
Friday	173	1689	0	31	1893	43	422	0	8	473
Monday	1789	2813	19	271	4892	447	703	5	68	1223

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 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>Sep 09</b>	824	962	872	573	1,786	1,445	3,000
<b>Oct 09</b>	805	934	579	849	1,739	1,429	3,000
<b>Nov 09</b>	766	893	589	861	1,659	1,450	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 November 2009 recorded averages totaled 1,367. 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
	2-Nov	3-Nov	4-Nov	5-Nov	6-Nov	
7:00 - 7:15	153	158	162	203	154	166
7:15 - 7:30	194	232	243	261	219	230
7:30 - 7:45	246	299	259	312	246	272
7:45 - 8:00	332	311	303	285	224	291
8:00 - 8:15	229	208	240	278	193	230
8:15 - 8:30	144	187	198	211	152	178

## 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.

Vehicle counts are not available for November due to the break in the power feed for the counting station and the overhead lights. A repair has now been completed and the counts will be available for the month of December.

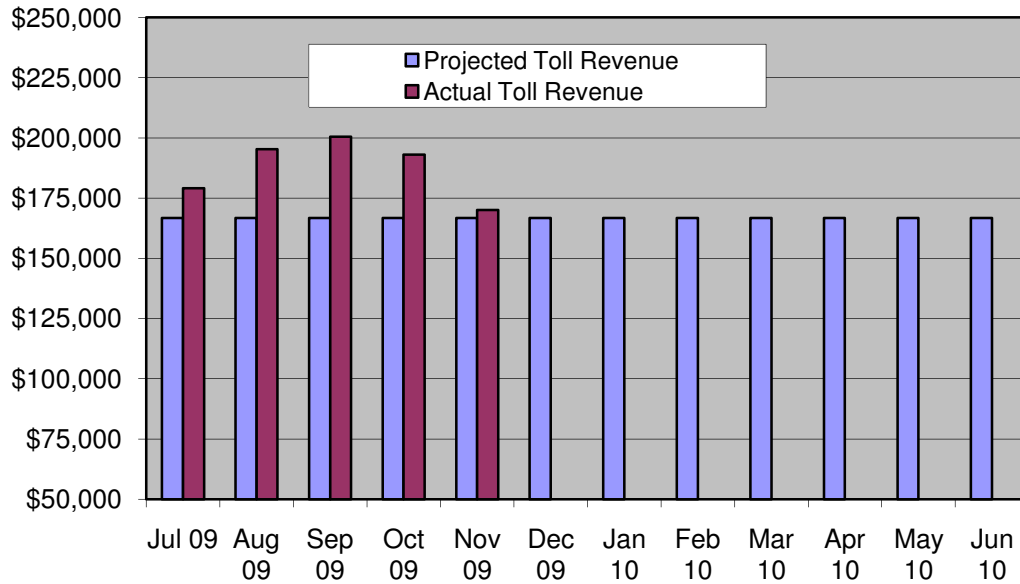
## 3.0 REVENUES AND EXPENDITURES

November toll revenues decreased to \$170,073; down from \$192,984 in October. The total of all revenues, including tolls, fees, and fines, was \$179,264. Fees and fines collected this month decreased to \$9,191; down from \$12,701 in October. The amount of fees and fines collected in November represents 5.13% of November’s total revenues. (Reminder: Some revenues that were posted may have been transactions, fees, and fines reconciled from previous months’ transactions.)



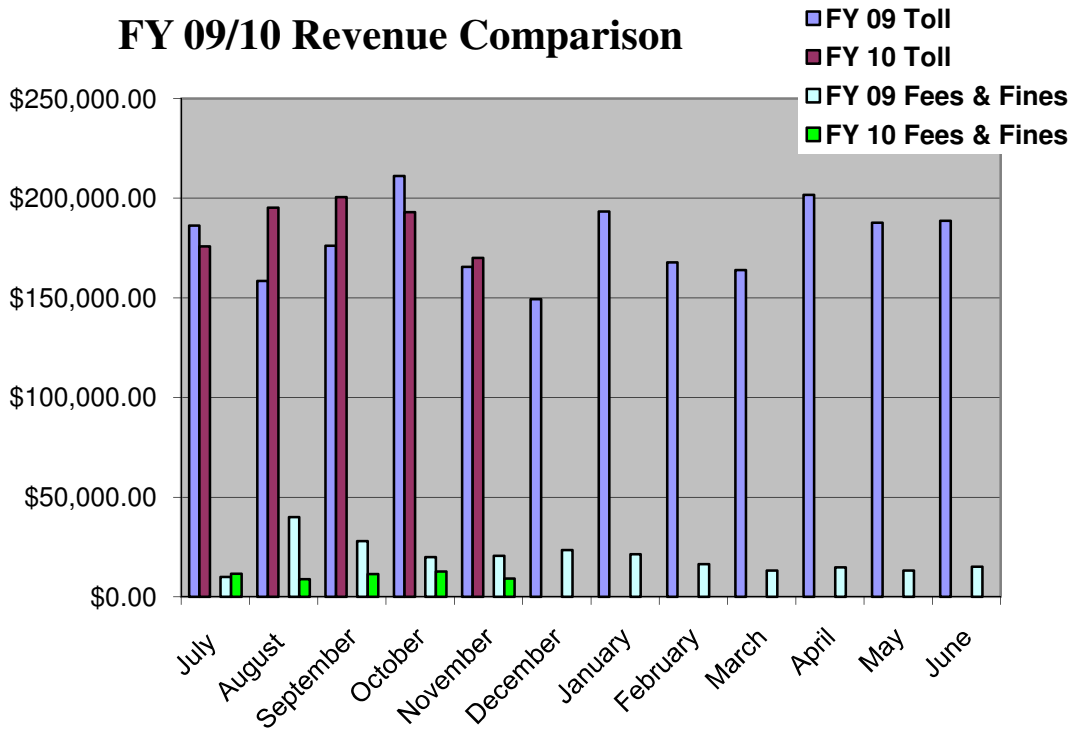
The following figure shows the projected vs. actual toll revenue to date for Fiscal Year 2010.

### 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





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The following table illustrates general administrative revenues and expenditures through November 2009.

ITEM	Revised Estimated Revenues	Revised Estimated Expenditures	Current Month Actual	Year-to-Date Actual	Remaining
<b>HPTE Administrative Budget</b>					
<b><u>Revenues</u></b>					
Interest Earnings	\$ 216,000		\$ 3,678	\$ 18,507	\$ 197,493
Carryforward Balance from prior Fiscal Year	\$ 1,891,651		\$ -	\$ 1,891,651	\$ -
<b>Total Revenues</b>	<b>\$ 2,107,651</b>		<b>\$ 3,678</b>	<b>\$ 1,910,158</b>	<b>\$ 197,493</b>
<b><u>Expenditures</u></b>					
General Engineering Consultant		\$ 50,000	\$ -	\$ -	\$ 50,000
Traffic and Revenue Consultant		\$ 50,000	\$ -	\$ -	\$ 50,000
Financial Advisor		\$ 50,000	\$ -	\$ -	\$ 50,000
Misc. (Marketing/Research, Advertisement)		\$ 10,000	\$ -	\$ -	\$ 10,000
IBTTA Dues & Conference Registration		\$ 3,000	\$ -	\$ -	\$ 3,000
Misc. (Travel, Meals, Board Expenses)		\$ 3,000	\$ -	\$ 29	\$ 2,971
CDOT/ HPTE Staff Costs		\$ 50,000	\$ 6,072	\$ 27,046	\$ 22,954
<b>Total Expenditures</b>		<b>\$ 216,000</b>	<b>\$ 6,072</b>	<b>\$ 27,075</b>	<b>\$ 188,925</b>



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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		\$ 170,073	\$ 937,881	\$ 1,062,120
Estimated Misc. Revenues	\$ 100,000		\$ 9,191	\$ 53,872	\$ 46,128
Inerest Earnings	\$ 86,500		\$ 7,533	\$ 35,130	\$ 51,370
Loan from Transportation Commission	\$ -		\$ -	\$ -	\$ -
Carryforward Balance from prior Fiscal Year	\$ 3,251,834		\$ -	\$ 3,251,834	\$ -
<b>Total Revenues</b>	<b>\$ 5,438,334</b>		<b>\$ 186,797</b>	<b>\$ 1,026,883</b>	<b>\$ 4,411,451</b>
<b><u>Expenditures</u></b>					
Contracted Snow Plow Operations (T-P Enterprises)		\$ 455,575	\$ -	\$ 112,143	\$ 343,432
Colorado State Patrol		\$ 75,000	\$ 4,051	\$ 21,034	\$ 53,966
E-470 Oversight, Management, Operations		\$ 430,000	\$ 29,503	\$ 155,062	\$ 274,938
E-470 Maintenance Tech.		\$ 83,166	\$ 7,003	\$ 28,152	\$ 55,014
Non-revenue transponders		\$ 5,000	\$ -	\$ -	\$ 5,000
IBTTA Dues (25% of Total)		\$ 1,000	\$ -	\$ -	\$ 1,000
Marketing/ Outreach		\$ 10,300	\$ -	\$ -	\$ 10,300
User Survey		\$ -	\$ -	\$ -	\$ -
CDOT/ HPTE Staff Costs		\$ 68,731	\$ 2,287	\$ 12,194	\$ 56,537
TC Loan Repayment		\$ 301,822	\$ -	\$ -	\$ 301,822
Contingency for Major Improvements		\$ 400,000	\$ -	\$ -	\$ 400,000
Board Contingency		\$ 250,000	\$ -	\$ -	\$ 250,000
Equipment Replacement Plan:			\$ -	\$ -	
1. Gates		\$ 105,000	\$ -	\$ -	\$ 105,000
2. Variable Message Sign Upgrades		\$ 1,485	\$ -	\$ -	\$ 1,485
3. Cameras		\$ 8,994	\$ -	\$ -	\$ 8,994
Region 6 Maintenance Costs		\$ 129,867	\$ 9,690	\$ 28,508	\$ 101,359
Courtesy Patrol		\$ 120,000	\$ 9,862	\$ 38,550	\$ 81,451
<b>Total Expenditures</b>		<b>\$ 2,445,940</b>	<b>\$ 62,396</b>	<b>\$ 395,642</b>	<b>\$ 2,050,298</b>



#### 4.0 INCIDENTS

During the month of November, no major incidents occurred.

#### 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	
Sep 09	103	13	27	12	14	17	0 felony, 0 misd.
Oct 09	83	6	13	5	4	6	0 felony, 0 misd.
Nov 09	100	16	21	6	3	14	0 felony, 0 misd.

#### 6.0 OPERATIONAL ISSUES

Vehicle counts are not available for November due to the break in the power feed for the counting station and the overhead lights. A repair has now been completed and the counts will be available for the month of December.