



# MONTHLY PROGRESS REPORT

FEBRUARY 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 February 2009.

**1.0 VOLUMES AND LANE USAGE**

During February 2009, recorded use of the I-25 HOV/Express Lanes (including both HOV and toll-paying vehicles), decreased to 262,205. This represents a 5.74% decrease from 278,181 in January and a 7.22% increase from 282,616 in December.

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

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

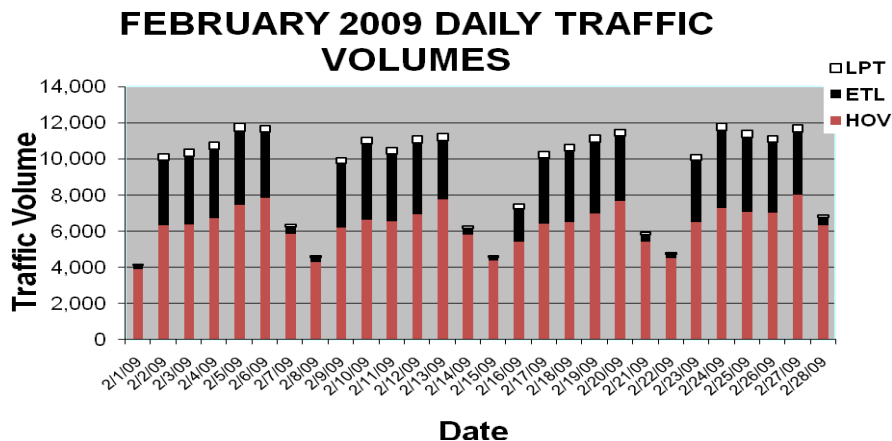
Due to implementation of License Plate Tolling (LPT), the Traffic Data Summary table now shows Express Tolling, Violations, and LPT in separate columns.

February 2009 Traffic Data Summary					
	Express	HOV	Violations	LPT	Total
<b>Total Monthly Traffic</b>	76,313	177,844	670	7,378	262,205
<b>Maximum Daily Traffic</b>	4,293	8,023	42	392	11,973
<b>Average Weekday Traffic</b>	3,690	6,874	33	331	10,927
<b>Avg Weekday AM Peak Hour</b>	440	578	4	28	1,048
<b>Avg Weekday PM Peak Hour</b>	336	688	3	38	1,063
<b>Avg Weekday AM Peak Period*</b>	1,759	2,313	16	113	4,194
<b>Avg Weekday PM Peak Period**</b>	1,343	2,752	13	151	4,250

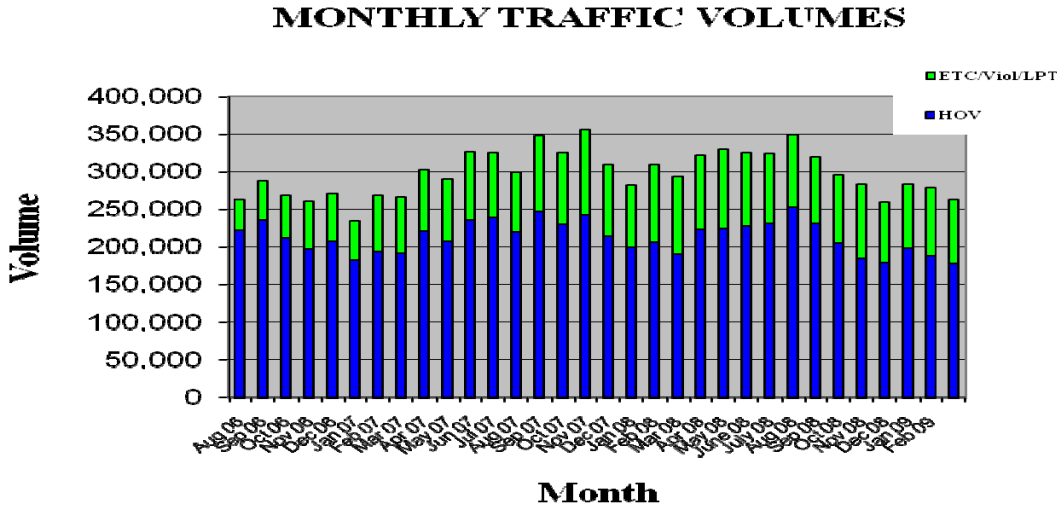
\* 6:00 AM – 10:00 AM

\*\* 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.



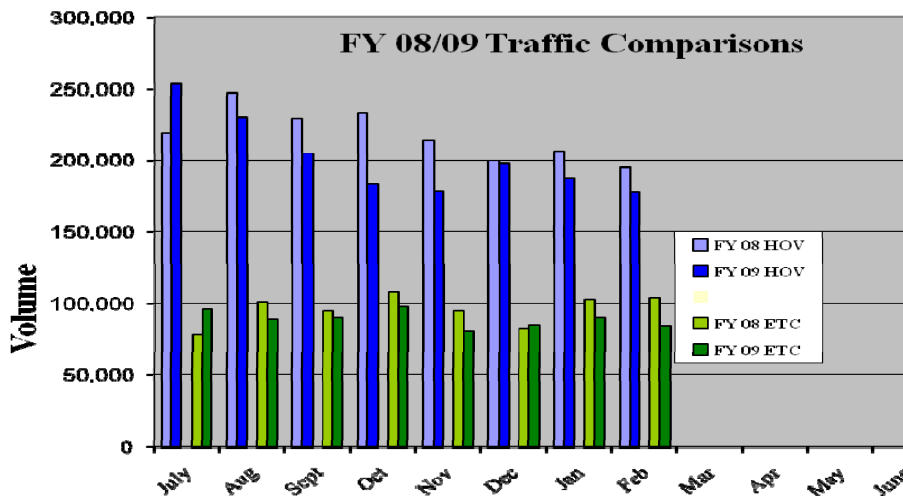
The Monthly Traffic Volumes chart below shows the ETL, Violations, and LPT combined.



February 2008 had 29 days (a leap year), as compared to 28 this year. HOV lane usage during February 2009 decreased to 177,844, from 187,671 in January 2009. This amount is down from 195,071 in February 2008 and represents a decline of 17,227, or 8.83% since one year ago. February 2008 had 29 days (a leap year), as compared to 28 this year.

Toll lane usage during February 2009 decreased to 84,361, from 90,510 in January. February’s toll lane usage amount includes ETL, LPT, and violations. This amount is down from 104,061 in February 2008 and represents a decrease of 19,700, or 18.93% since one year ago.

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





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

		Morning Rush Period									
		Total Peak Period					Avg Per Hour				
		Express	HOV	Violation	LPT	Total	Express	HOV	Violation	LPT	Total
2nd	Monday	1,912	2,454	15	117	4,498	478	614	4	29	1,125
	Tuesday	2,034	2,622	21	138	4,815	509	656	5	35	1,204
	Wednesday	2,027	2,513	19	137	4,696	507	628	5	34	1,174
	Thursday	2,018	2,719	22	115	4,874	505	680	6	29	1,219
	Friday	1,683	2,371	15	98	4,167	421	593	4	25	1,042
9th	Monday	1,860	2,441	16	120	4,437	465	610	4	30	1,109
	Tuesday	2,077	2,551	21	112	4,761	519	638	5	28	1,190
	Wednesday	1,870	2,444	23	114	4,451	468	611	6	29	1,113
	Thursday	2,036	2,446	24	126	4,632	509	612	6	32	1,158
	Friday	1,412	2,202	13	87	3,714	353	551	3	22	929
16th	Monday	851	1,498	5	71	2,425	213	375	1	18	606
	Tuesday	1,982	2,424	18	100	4,524	496	606	5	25	1,131
	Wednesday	2,054	2,534	10	143	4,741	514	634	3	36	1,185
	Thursday	2,026	2,661	14	119	4,820	507	665	4	30	1,205
	Friday	1,674	2,273	11	99	4,057	419	568	3	25	1,014
23rd	Monday	1,774	2,398	11	97	4,280	444	600	3	24	1,070
	Tuesday	2,054	2,622	11	110	4,797	514	656	3	28	1,199
	Wednesday	1,968	2,490	15	119	4,592	492	623	4	30	1,148
	Thursday	1,991	2,572	13	122	4,698	498	643	3	31	1,175
	Friday	1,626	2,343	13	107	4,089	407	586	3	27	1,022

		Afternoon Rush Period									
		Total Peak Period					Avg Per Hour				
		Express	HOV	Violation	LPT	Total	Express	HOV	Violation	LPT	Total
2nd	Monday	1,331	2,634	14	132	4,111	333	659	4	33	1,028
	Tuesday	1,383	2,810	14	143	4,350	346	703	4	36	1,088
	Wednesday	1,384	2,874	11	184	4,453	346	719	3	46	1,113
	Thursday	1,595	3,144	14	193	4,946	399	786	4	48	1,237
	Friday	1,463	3,355	10	158	4,986	366	839	3	40	1,247
9th	Monday	1,298	2,642	17	132	4,089	325	661	4	33	1,022
	Tuesday	1,617	2,908	15	155	4,695	404	727	4	39	1,174
	Wednesday	1,418	2,809	14	142	4,383	355	702	4	36	1,096
	Thursday	1,432	2,951	14	164	4,561	358	738	4	41	1,140
	Friday	1,391	3,232	16	176	4,815	348	808	4	44	1,204
16th	Monday	720	2,436	9	86	3,251	180	609	2	22	813
	Tuesday	1,258	2,609	9	153	4,029	315	652	2	38	1,007
	Wednesday	1,458	2,741	9	132	4,340	365	685	2	33	1,085
	Thursday	1,476	2,909	9	150	4,544	369	727	2	38	1,136
	Friday	1,408	3,151	10	159	4,728	352	788	3	40	1,182
23rd	Monday	1,298	2,657	9	122	4,086	325	664	2	31	1,022
	Tuesday	1,763	3,026	21	184	4,994	441	757	5	46	1,249
	Wednesday	1,686	2,878	11	176	4,751	422	720	3	44	1,188
	Thursday	1,502	2,816	14	133	4,465	376	704	4	33	1,116
	Friday	1,316	3,200	15	145	4,676	329	800	4	36	1,169



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

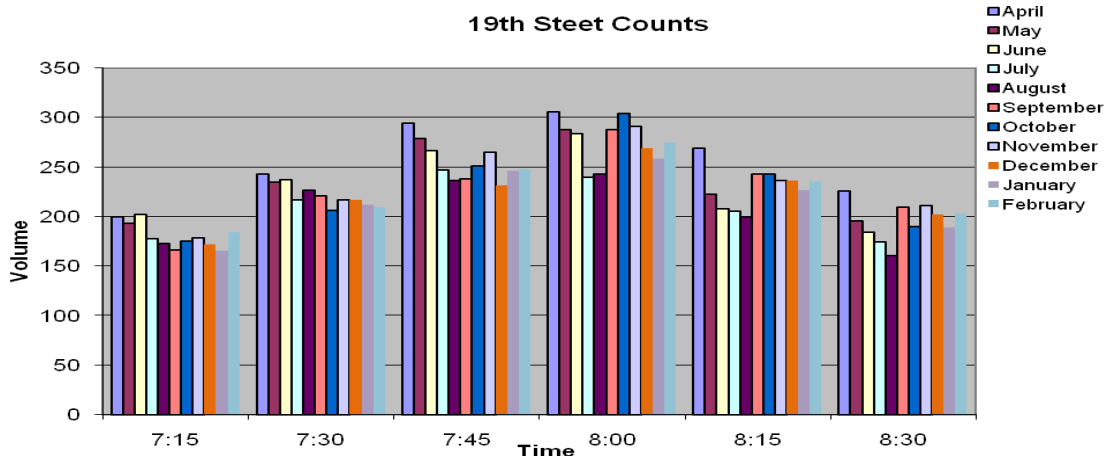
	AM ETL 7:00-8:00	AM HOV 7:00-8:00	PM HOV 5:00-6:00	PM ETL 5:00-6:00	AM Total 7:00-8:00	PM Total 5:00-6:00	Capacity
Jul 08	721	1,012	1,116	561	1,733	1,677	3,000
Aug 08	732	1,073	1,035	555	1,805	1,590	3,000
Sep 08	797	1,065	966	552	1,862	1,518	3,000
Oct 08	826	1,076	1,030	613	1,902	1,643	3,000
Nov 08	759	965	958	560	1,724	1,518	3,000
Dec 08	620	828	909	519	1,448	1,428	3,000
Jan 09	708	901	940	603	1,744	1,665	3,000
Feb 09	756	987	966	599	1,757	1,581	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.

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

15-MINUTE COUNTS AT 19 <sup>TH</sup> STREET						
	Monday 2-Feb	Tuesday 3-Feb	Wednesday 4-Feb	Thursday 5-Feb	Friday 6-Feb	Average
7:00 - 7:15	189	183	194	197	159	184
7:15 - 7:30	184	230	232	210	196	210
7:30 - 7:45	250	279	238	264	208	248
7:45 - 8:00	283	280	307	288	217	275
8:00 - 8:15	257	266	229	246	184	236
8:15 - 8:30	216	216	187	209	188	203

As can be seen on the following graph for 19<sup>th</sup> St., counts continue to be lower than the highest volume in April 2008.



## 2.0 BUS TRAVEL TIMES

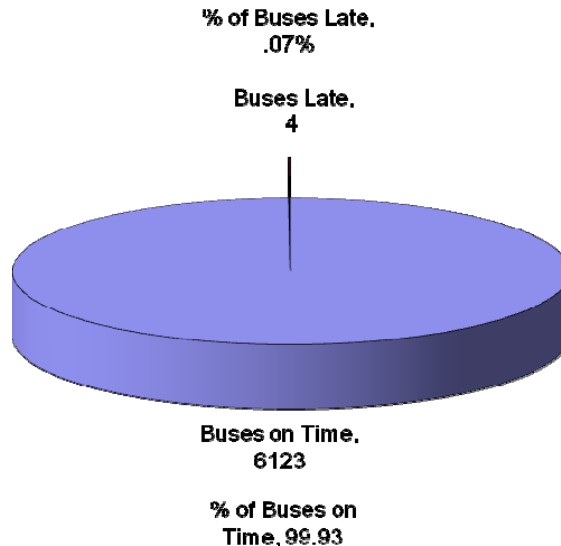
The IGA between CDOT and RTD prescribes triggers to determine if there is any degradation to travel times for buses and carpools. These triggers are:

- 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 February, four buses exceeded the allotted travel time. These delays occurred on different days and weeks, indicating that they were random events. A total of ninety buses ran between the 7-minute 45-second and 8-minute 45-second time frames. Again, there did not appear to be any pattern to these times.

Bus delays are depicted in the chart below.

**WEEKDAY BUS TRAVEL TIME**  
February 2009

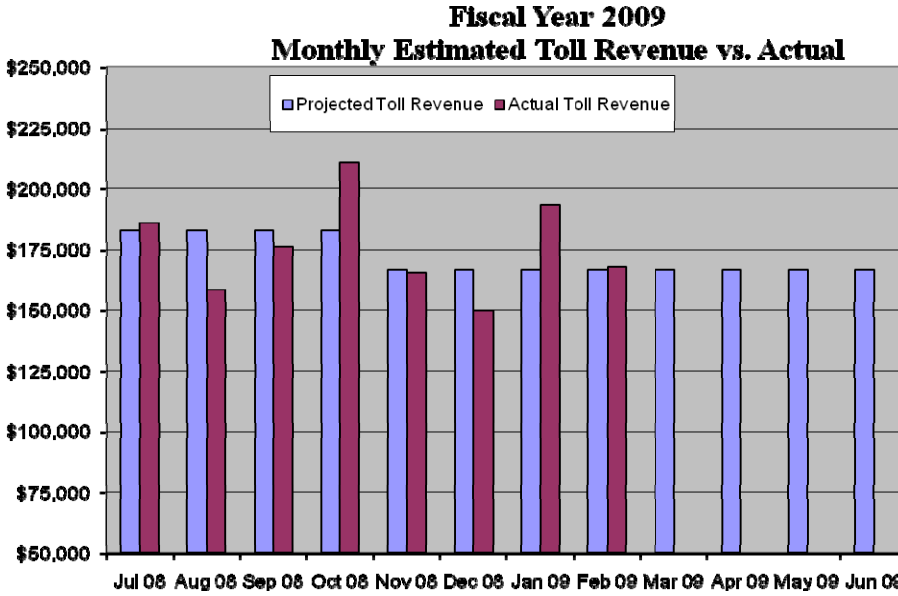


## 3.0 REVENUES AND EXPENDITURES

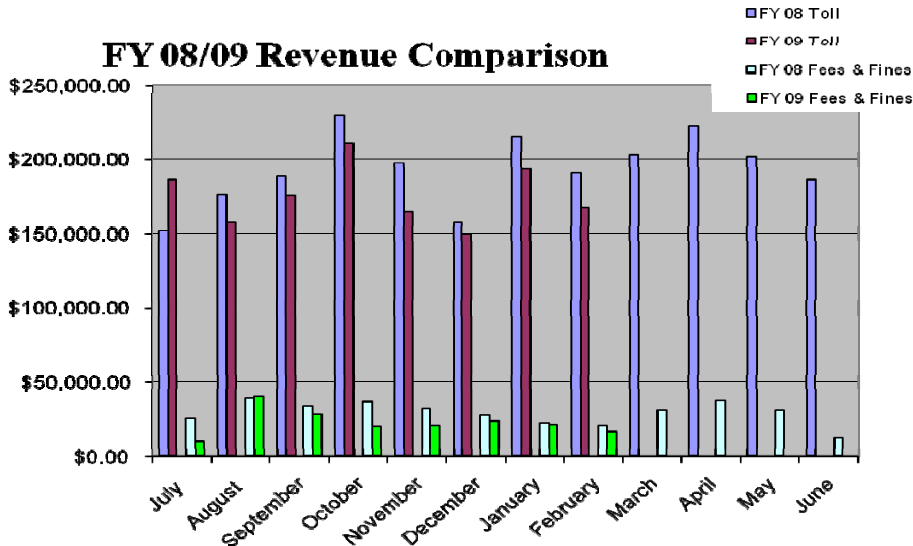
February 2009 toll revenues decreased to \$167,743.00; down from \$193,359.25 in January. The total of all revenues, including tolls, fees, and fines, was \$184,194.15. Fees

and fines collected this month decreased to \$16,451.15; down from \$21,410.68 in January. The amount of fees and fines collected in February represents 8.93% of February’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.







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

ITEM	Revised Estimated Revenues	Revised Estimated Expenditures	Current Month Actual	Year-to-Date Actual	Remaining
<b>CTE Administrative Budget</b>					
<b><u>Revenues</u></b>					
Interest Earnings	\$ 66,300		\$ 3,874	\$ 40,648	\$ 25,652
Carry Forward Balance from prior Fiscal Year	\$ 1,938,450		\$ -	\$ 1,938,450	\$ -
<b>Total Revenues</b>	<b>\$ 2,004,750</b>		<b>\$ 3,874</b>	<b>\$ 1,979,098</b>	<b>\$ 25,652</b>
<b><u>Expenditures</u></b>					
General Engineering Consultant (8200)		\$ 165,000	\$ -	\$ -	\$ 165,000
Traffic and Revenue Consultant ((8200)		\$ 100,000	\$ -	\$ -	\$ 100,000
Financial Advisor (8200)		\$ 104,144	\$ 14,709	\$ 14,709	\$ 89,436
Misc. (Marketing/Research, Advertisement) (8200)		\$ 40,000	\$ 3,245	\$ 3,245	\$ 36,756
IBTTA Dues & Conference Registration (8100)		\$ 3,000	\$ -	\$ 2,050	\$ 950
Misc. (Travel, Meals, Board Expenses) (8100)		\$ 3,000	\$ -	\$ 1,281	\$ 1,719
CDOT/ CTE Staff Costs (8100)		\$ 105,842	\$ 6,046	\$ 52,978	\$ 52,864
<b>Total Expenditures</b>		<b>\$ 520,986</b>	<b>\$ 23,999</b>	<b>\$ 74,262</b>	<b>\$ 446,724</b>



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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		\$ 167,743	\$ 1,411,690	\$ 588,310
Estimated Misc. Revenues	\$ 200,000		\$ 16,451	\$ 179,527	\$ 20,473
Interest Earnings	\$ 86,500		\$ 6,399	\$ 58,422	\$ 28,078
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>\$ 190,593</b>	<b>\$ 3,874,794</b>	<b>\$ 636,862</b>
<b><u>Expenditures</u></b>					
Contracted Snow Plow Operations (T-P Enterprises)		\$ 455,575	\$ 47,778	\$ 278,879	\$ 176,696
Colorado State Patrol		\$ 77,250	\$ 5,340	\$ 36,024	\$ 41,226
E-470 Oversight, Management, Operations		\$ 430,000	\$ 30,287	\$ 167,367	\$ 262,633
E-470 Maintenance Tech.		\$ 83,166	\$ 8,054	\$ 37,011	\$ 46,155
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	\$ -	\$ -	\$ 10,300
User Survey		\$ 30,000	\$ -	\$ 27,603	\$ 2,397
CDOT/ CTE Staff Costs		\$ 64,436	\$ 2,579	\$ 23,229	\$ 41,207
TC Loan Repayment		\$ 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	\$ -	\$ -	\$ 20,000
5. Joint Replacement/Deck Repair		\$ 18,000	\$ -	\$ -	\$ 18,000
6. Dynamic Pricing Upgrade		\$ -	\$ -	\$ -	\$ -
Region 6 Maintenance Costs		\$ 170,000	\$ 5,997	\$ 61,826	\$ 108,174
Courtesy Patrol		\$ 120,000	\$ 9,413	\$ 67,278	\$ 52,722
Maintenance Response Vehicles		\$ -	\$ -	\$ -	\$ -
<b>Total Expenditures</b>		<b>\$ 3,037,049</b>	<b>\$ 109,447</b>	<b>\$ 689,588</b>	<b>\$ 2,347,461</b>



#### 4.0 INCIDENTS

On Thursday, February 26, the morning opening was delayed due to an abandoned vehicle in the lanes.

#### 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 Other	
Jul 08	99	16	16	19	9	23	0 felony, 0 misd.
Aug 08	68	9	9	21	2	24	0 felony, 0 misd.
Sep 08	113	4	5	20	1	18	0 felony, 0 misd.
Oct 08	147	4	19	23	11	12	1 felony, 0 misd.
Nov 08	115	8	10	25	3	16	0 felony, 0 misd.
Dec 08	107	10	11	21	9	20	0 felony, 1 misd.
Jan 09	113	4	16	12	14	8	0 felony, 0 misd.
Feb 09	104	4	10	17	16	9	0 felony, 0 misd.

#### 6.0 OPERATIONAL ISSUES

No unusual operational issues occurred during the month of February.