



# MONTHLY PROGRESS REPORT

May 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 May 2010.

### 1.0 VOLUMES AND LANE USAGE

During May 2010, recorded use of the I-25 HOV/Express Lanes (including both HOV and toll-paying vehicles), decreased to 290,511. This represents a 2.71% decrease from 298,592 in April and a 7.17% increase from 271,070 in March. Total traffic volume is 0.11% higher than total volume in May 2009.

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

The May 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.

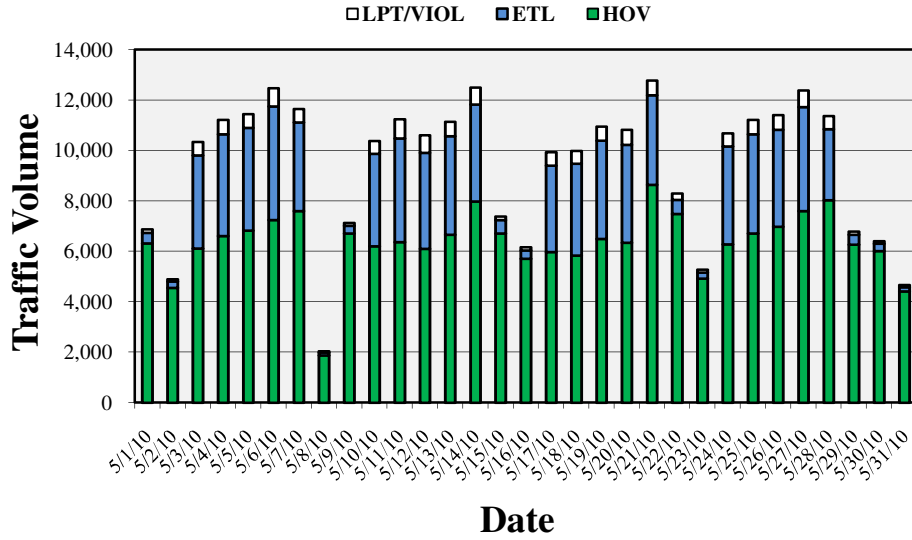
| May 2010 Traffic Data Summary      |         |         |            |        |         |
|------------------------------------|---------|---------|------------|--------|---------|
|                                    | Express | HOV     | Violations | LPT    | Total   |
| <b>Total Monthly Traffic</b>       | 79,738  | 197,692 | 604        | 12,477 | 290,511 |
| <b>Maximum Daily Traffic</b>       | 4,505   | 8,646   | 38         | 727    | 12,776  |
| <b>Average Daily Traffic</b>       | 3,635   | 6,717   | 28         | 535    | 10,915  |
| <b>Avg. Weekday AM Peak Hour</b>   | 445     | 557     | 4          | 50     | 1,056   |
| <b>Avg. Weekday PM Peak Hour</b>   | 359     | 698     | 2          | 62     | 1,122   |
| <b>Avg. Weekday AM Peak Period</b> | 1,778   | 2,228   | 15         | 201    | 4,222   |
| <b>Avg. Weekday PM Peak Period</b> | 1,438   | 2,792   | 10         | 248    | 4,487   |

\* 6:00 AM – 10:00 AM

\*\* 3:00 PM – 7:00 PM

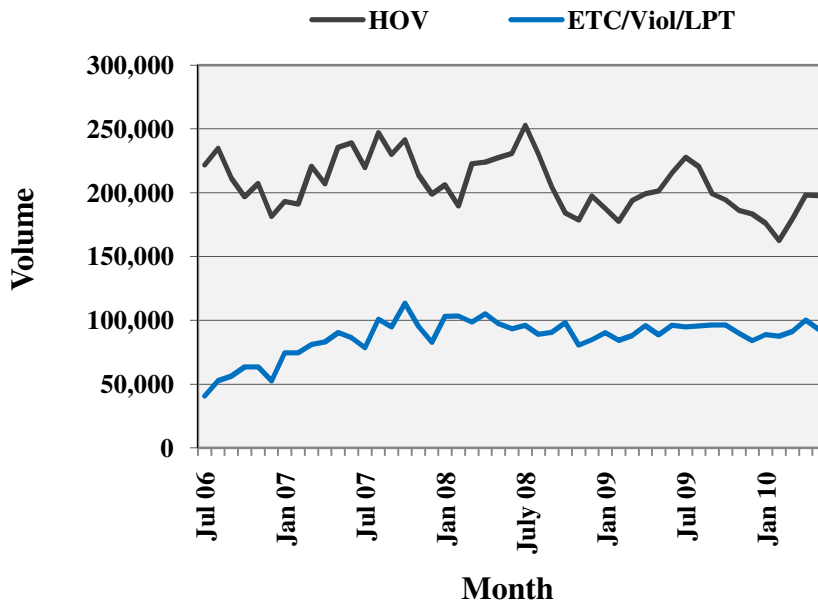
Daily and monthly traffic volumes are illustrated in the following figures. LPT and violation counts have been combined into a third tier for the Daily Traffic Volumes table.

**MAY 2010 DAILY TRAFFIC VOLUMES**



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

**MONTHLY TRAFFIC VOLUMES**

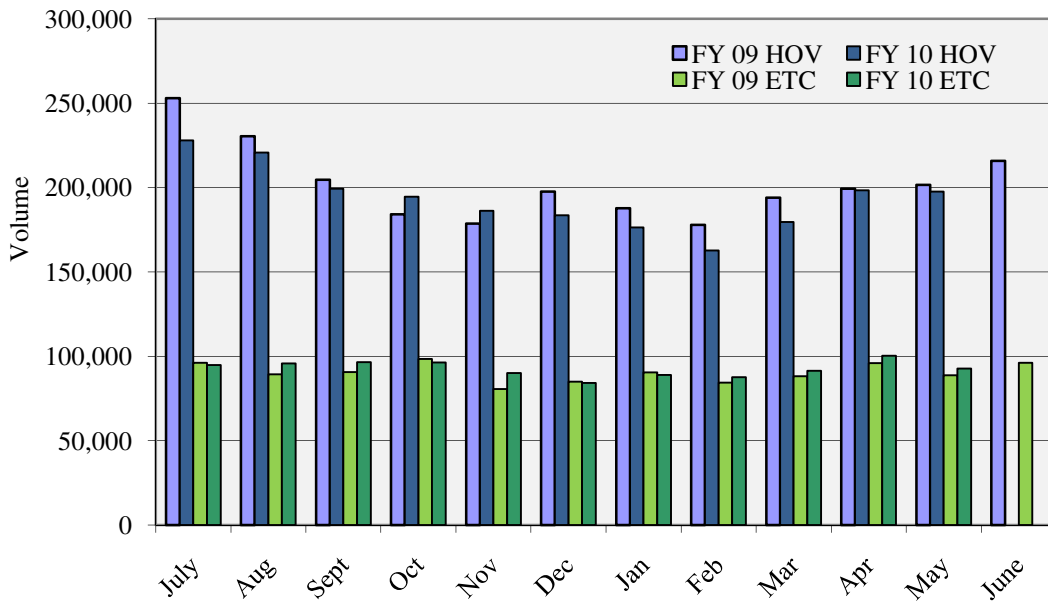


HOV lane usage during May decreased to 197,692 down from 198,321 in April. This amount is down from 201,513 in May 2009 and represents a decrease of 3,821, or 1.90% since one year ago.

Toll lane usage during May decreased to 92,819; down from 100,271 in April. May’s toll lane usage amount includes ETL, LPT, and violations. This amount is up from 88,666 in May 2009 and represents an increase of 4,153, or 4.68% 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>Monday</b>              | 1945                   | 2359       | 8                | 216        | 4528         | 486                  | 590        | 2                | 54         | 1132         |
| <b>Tuesday</b>             | 2032                   | 2419       | 12               | 218        | 4681         | 508                  | 605        | 3                | 54         | 1170         |
| <b>Wednesday</b>           | 2055                   | 2493       | 17               | 222        | 4787         | 514                  | 623        | 4                | 56         | 1197         |
| <b>Thursday</b>            | 2135                   | 2440       | 19               | 242        | 4836         | 534                  | 610        | 5                | 60         | 1209         |
| <b>Friday</b>              | 1593                   | 2107       | 11               | 189        | 3900         | 398                  | 527        | 3                | 47         | 975          |
| <b>Monday</b>              | 1901                   | 2257       | 14               | 195        | 4367         | 475                  | 564        | 4                | 49         | 1092         |
| <b>Tuesday</b>             | 1949                   | 2300       | 15               | 231        | 4495         | 487                  | 575        | 4                | 58         | 1124         |
| <b>Wednesday</b>           | 1907                   | 2159       | 12               | 249        | 4327         | 477                  | 540        | 3                | 62         | 1082         |
| <b>Thursday</b>            | 1915                   | 2299       | 15               | 212        | 4441         | 479                  | 575        | 4                | 53         | 1110         |
| <b>Friday</b>              | 1564                   | 2225       | 16               | 178        | 3983         | 391                  | 556        | 4                | 44         | 996          |
| <b>Monday</b>              | 1861                   | 2264       | 14               | 200        | 4339         | 465                  | 566        | 4                | 50         | 1085         |
| <b>Tuesday</b>             | 1910                   | 2243       | 20               | 196        | 4369         | 478                  | 561        | 5                | 49         | 1092         |
| <b>Wednesday</b>           | 2000                   | 2315       | 16               | 240        | 4571         | 500                  | 579        | 4                | 60         | 1143         |
| <b>Thursday</b>            | 1876                   | 2367       | 10               | 214        | 4467         | 469                  | 592        | 2                | 54         | 1117         |
| <b>Friday</b>              | 1593                   | 2422       | 17               | 177        | 4209         | 398                  | 606        | 4                | 44         | 1052         |
| <b>Monday</b>              | 2103                   | 2386       | 19               | 228        | 4736         | 526                  | 596        | 5                | 57         | 1184         |
| <b>Tuesday</b>             | 1943                   | 2368       | 25               | 223        | 4559         | 486                  | 592        | 6                | 56         | 1140         |
| <b>Wednesday</b>           | 1961                   | 2430       | 18               | 213        | 4622         | 490                  | 608        | 4                | 53         | 1156         |
| <b>Thursday</b>            | 1855                   | 2388       | 22               | 220        | 4485         | 464                  | 597        | 6                | 55         | 1121         |
| <b>Friday</b>              | 1220                   | 2035       | 15               | 139        | 3409         | 305                  | 509        | 4                | 35         | 852          |
| <b>Monday</b>              | 26                     | 511        | 0                | 16         | 553          | 6                    | 128        | 0                | 4          | 138          |



| Afternoon Rush Period |                 |      |           |     |       |               |     |           |     |       |
|-----------------------|-----------------|------|-----------|-----|-------|---------------|-----|-----------|-----|-------|
| Weekday               | Total Peak Hour |      |           |     |       | Avg. Per Hour |     |           |     |       |
|                       | Express         | HOV  | Violation | LPT | Total | Express       | HOV | Violation | LPT | Total |
| Monday                | 1390            | 2597 | 7         | 213 | 4207  | 348           | 649 | 2         | 53  | 1052  |
| Tuesday               | 1614            | 2826 | 10        | 252 | 4702  | 404           | 706 | 2         | 63  | 1176  |
| Wednesday             | 1604            | 2890 | 5         | 224 | 4723  | 401           | 722 | 1         | 56  | 1181  |
| Thursday              | 1853            | 3063 | 14        | 365 | 5295  | 463           | 766 | 4         | 91  | 1324  |
| Friday                | 1394            | 3133 | 7         | 236 | 4770  | 348           | 783 | 2         | 59  | 1192  |
| Monday                | 1408            | 2457 | 5         | 209 | 4079  | 352           | 614 | 1         | 52  | 1020  |
| Tuesday               | 1698            | 2699 | 10        | 405 | 4812  | 424           | 675 | 2         | 101 | 1203  |
| Wednesday             | 1496            | 2698 | 11        | 318 | 4523  | 374           | 674 | 3         | 80  | 1131  |
| Thursday              | 1552            | 2742 | 9         | 242 | 4545  | 388           | 686 | 2         | 60  | 1136  |
| Friday                | 1739            | 3354 | 7         | 361 | 5461  | 435           | 838 | 2         | 90  | 1365  |
| Monday                | 1327            | 2738 | 7         | 231 | 4303  | 332           | 684 | 2         | 58  | 1076  |
| Tuesday               | 1409            | 2628 | 13        | 221 | 4271  | 352           | 657 | 3         | 55  | 1068  |
| Wednesday             | 1483            | 2747 | 14        | 208 | 4452  | 371           | 687 | 4         | 52  | 1113  |
| Thursday              | 1610            | 2828 | 14        | 287 | 4739  | 402           | 707 | 4         | 72  | 1185  |
| Friday                | 1409            | 3461 | 6         | 249 | 5125  | 352           | 865 | 2         | 62  | 1281  |
| Monday                | 1435            | 2628 | 15        | 193 | 4271  | 359           | 657 | 4         | 48  | 1068  |
| Tuesday               | 1533            | 2739 | 12        | 223 | 4507  | 383           | 685 | 3         | 56  | 1127  |
| Wednesday             | 1425            | 2730 | 13        | 248 | 4416  | 356           | 682 | 3         | 62  | 1104  |
| Thursday              | 1767            | 3263 | 12        | 297 | 5339  | 442           | 816 | 3         | 74  | 1335  |
| Friday                | 1000            | 3056 | 14        | 209 | 4279  | 250           | 764 | 4         | 52  | 1070  |
| Monday                | 50              | 1347 | 0         | 18  | 1415  | 12            | 337 | 0         | 4   | 354   |

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

|        | AM ETL<br>7:00-8:00 | AM HOV<br>7:00-8:00 | PM ETL<br>5:00-6:00 | PM<br>HOV<br>5:00-6:00 | AM Total<br>7:00-8:00 | PM<br>Total<br>5:00-6:00 | Capacity |
|--------|---------------------|---------------------|---------------------|------------------------|-----------------------|--------------------------|----------|
| Mar 10 | 741                 | 917                 | 695                 | 942                    | 1,658                 | 1,637                    | 3,000    |
| Apr 10 | 808                 | 937                 | 651                 | 901                    | 1,745                 | 1,551                    | 3,000    |
| May 10 | 782                 | 908                 | 659                 | 865                    | 1,690                 | 1,524                    | 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 1,328. 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 |
|                              | 5-Apr  | 6-Apr   | 7-Apr     | 8-Apr    | 9-Apr  |         |
| 7:00 - 7:15                  | 163    | 174     | 151       | 170      | 147    | 161     |
| 7:15 - 7:30                  | 191    | 206     | 196       | 211      | 201    | 201     |
| 7:30 - 7:45                  | 261    | 274     | 252       | 269      | 259    | 263     |
| 7:45 - 8:00                  | 307    | 294     | 311       | 293      | 299    | 301     |
| 8:00 - 8:15                  | 223    | 234     | 218       | 221      | 231    | 225     |
| 8:15 - 8:30                  | 182    | 170     | 189       | 175      | 167    | 177     |

## 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.

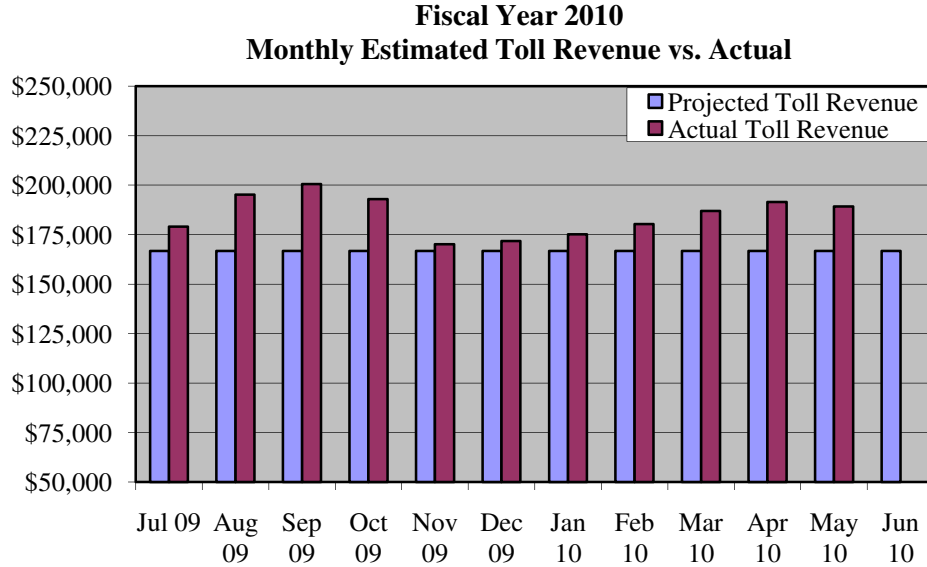
During the month of May, there was one bus that exceeded the allotted travel time. It occurred outside of the rush hour period and there were no obvious issues that may have caused the delay.

## 3.0 REVENUES AND EXPENDITURES

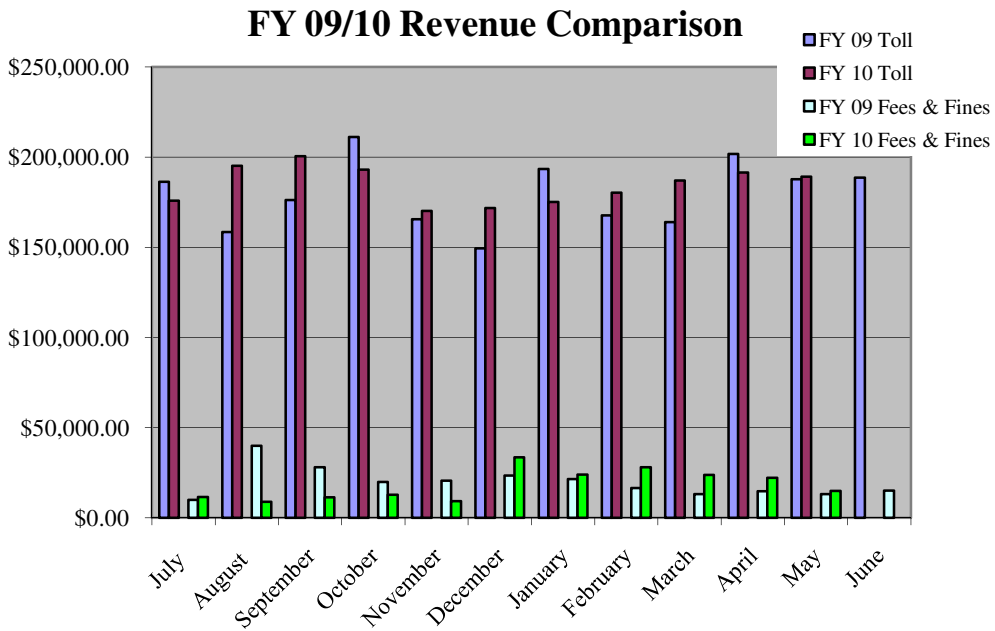
May toll revenues decreased to \$189,164; down from \$191,533 in April. The total of all revenues, including tolls, fees, and fines, was \$203,966. Fees and fines collected this month decreased to \$14,832; down from \$22,204 in March. The amount of fees and fines collected in May represents 7.84% of May'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.



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





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

| 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                           | \$ 45,000                  |                                | \$ 3,295             | \$ 40,194           | \$ 4,806          |
| Misc. Revenue                               | \$ -                       |                                | \$ 1,394             | \$ 8,884            | \$ (8,884)        |
| Carryforward Balance from prior Fiscal Year | \$ 1,891,651               |                                | \$ -                 | \$ 1,891,651        | \$ -              |
| <b>Total Revenues</b>                       | <b>\$ 1,936,651</b>        |                                | <b>\$ 4,689</b>      | <b>\$ 1,940,729</b> | <b>\$ (4,078)</b> |
| <b><u>Expenditures</u></b>                  |                            |                                |                      |                     |                   |
| General Engineering Consultant              |                            | \$ 150,000                     | \$ 40,420            | \$ 40,420           | \$ 109,581        |
| Traffic and Revenue Consultant              |                            | \$ 100,000                     | \$ -                 | \$ -                | \$ 100,000        |
| Financial Advisor                           |                            | \$ 85,000                      | \$ -                 | \$ -                | \$ 85,000         |
| Misc. (Marketing/Research, Advertisement)   |                            | \$ 10,000                      | \$ -                 | \$ -                | \$ 10,000         |
| IBTTA Dues & Conference Registration        |                            | \$ 1,500                       | \$ -                 | \$ 1,425            | \$ 75             |
| Misc. (Travel, Meals, Board Expenses)       |                            | \$ 2,000                       | \$ 770               | \$ 1,222            | \$ 778            |
| CDOT/ HPTE Staff Costs                      |                            | \$ 87,284                      | \$ 6,777             | \$ 69,511           | \$ 17,773         |
| <b>Total Expenditures</b>                   |                            | <b>\$ 435,784</b>              | <b>\$ 47,967</b>     | <b>\$ 112,578</b>   | <b>\$ 323,206</b> |



MONTHLY PROGRESS REPORT – May 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               |                                | \$ 189,164           | \$ 2,032,819        | \$ (32,819)         |
| Estimated Misc. Revenues                          | \$ 100,000                 |                                | \$ 6,911             | \$ 192,101          | \$ (92,101)         |
| Inerest Earnings                                  | \$ 90,000                  |                                | \$ 7,891             | \$ 83,840           | \$ 6,160            |
| 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>\$ 203,966</b>    | <b>\$ 5,560,594</b> | <b>\$ (118,760)</b> |
| <b><u>Expenditures</u></b>                        |                            |                                |                      |                     |                     |
| Contracted Snow Plow Operations (T-P Enterprises) |                            | \$ 455,575                     | \$ 31,121            | \$ 430,849          | \$ 24,726           |
| Colorado State Patrol                             |                            | \$ 75,000                      | \$ -                 | \$ 60,839           | \$ 14,161           |
| E-470 Oversight, Management, Operations           |                            | \$ 430,000                     | \$ 16,261            | \$ 288,842          | \$ 141,158          |
| E-470 Maintenance Tech.                           |                            | \$ 83,166                      | \$ 5,464             | \$ 66,645           | \$ 16,521           |
| 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                      | \$ 1,713             | \$ 26,035           | \$ 42,696           |
| TC Loan Repayment                                 |                            | \$ 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                     | \$ -                 | \$ -                | \$ 105,000          |
| 2. Variable Message Sign Upgrades                 |                            | \$ 1,485                       | \$ -                 | \$ -                | \$ 1,485            |
| 3. Cameras  |                            | \$ 8,994                       | \$ -                 | \$ -                | \$ 8,994            |
| Region 6 Maintenance Costs                        |                            | \$ 129,867                     | \$ -                 | \$ 56,352           | \$ 73,515           |
| Courtesy Patrol                                   |                            | \$ 120,000                     | \$ 9,862             | \$ 95,477           | \$ 24,523           |
| Maintenance Response Vehicles                     |                            | \$ -                           | \$ -                 | \$ -                | \$ -                |
| <b>Total Expenditures</b>                         |                            | <b>\$ 2,445,940</b>            | <b>\$ 64,420</b>     | <b>\$ 1,025,514</b> | <b>\$ 1,420,426</b> |



#### 4.0 INCIDENTS

During the month of May, 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 |                   |
| Mar 10                                 | 112   | 4    | 24  | 13        | 19       | 14    | 0 felony, 0 misd. |
| Apr 10                                 | 114   | 15   | 22  | 22        | 4        | 13    | 0 felony, 0 misd. |
| May 10                                 | 116   | 22   | 26  | 13        | 16       | 9     | 0 felony, 0 misd. |

#### 6.0 OPERATIONAL ISSUES

During the month of May, no major operational issues occurred.