

# INVOICE

# TRANSCORE

*P15624*  
*SP18*

|                             |  |                            |                   |
|-----------------------------|--|----------------------------|-------------------|
| Invoice No. <u>20182</u> ✓  | HCTRA Purchase Order No. <u>P15624</u> | Invoice Date: 4/25/11      | Due Date: 9/25/11 |
| Vendor No. <u>251720334</u> | TransCore Project No. <u>1309121</u>   | Customer No.: <u>HC013</u> |                   |

Name of Project: **HCTRA VES UPGRADE**  
Name of Contractor: **TransCore**

Bill to: **Harris County Toll Road Authority**  
7701 Wilshire Place Drive, 5th floor  
Houston, TX 77040  
Attention: **Chuck Sanders**

Remit to: **TransCore Holdings, Inc.**  
36120 Treasury Center  
Chicago, IL 60694-6100

**SUMMARY OF WORK FOR WHICH PAYMENT IS REQUIRED**

| Item | Item   | Total Contract Quantity | Unit Contract Amount | Total Contract Amount | Previous Quantity Invoiced | Previous Amount Invoiced | Current Month Quantity | Current Month Amount |
|------|--|-------------------------|----------------------|-----------------------|----------------------------|--------------------------|------------------------|----------------------|
| 1    | VES Camera                                     | 603                     | \$ 1,779.00          | \$ 1,072,407.00       | 603                        | \$ 1,072,737.00          | 0                      | \$ -                 |
| 2    | VES Camera Housing                             | 360                     | \$ 2,226.00          | \$ 801,360.00         | 360                        | \$ 801,360.00            | 0                      | \$ -                 |
| 3    | Camera Junction Box (1 camera/lane)            | 302                     | \$ 3,180.00          | \$ 968,360.00         | 340                        | \$ 1,084,500.00          | 0                      | \$ -                 |
| 4    | Camera Junction Box (2 camera/lane)            | 93                      | \$ 3,645.00          | \$ 339,045.00         | 95                         | \$ 374,775.00            | 0                      | \$ -                 |
| 5    | a. LED Illuminator                             | 500                     | \$ 2,919.00          | \$ 1,459,500.00       | 500                        | \$ 1,459,500.00          | 0                      | \$ -                 |
|      | b. No Charge LED Illuminator                   |                         | \$ -                 | \$ -                  | 39                         | \$ -                     | 0                      | \$ -                 |
| 6    | a. LED Illuminator Bracket                     | 500                     | \$ 130.00            | \$ 65,000.00          | 500                        | \$ 65,000.00             | 0                      | \$ -                 |
|      | b. No Charge LED Illuminator Bracket           |                         | \$ -                 | \$ -                  | 39                         | \$ -                     | 0                      | \$ -                 |
| 7    | LED Illuminator Junction Box                   |                         | \$ 1,744.00          | \$ -                  | 0                          | \$ -                     | 0                      | \$ -                 |
| 8    | VES Controller (1-4 cameras)                   | 40                      | \$ 8,324.00          | \$ 332,960.00         | 57                         | \$ 479,178.00            | 0                      | \$ -                 |
| 9    | VES Controller (1-8 cameras)                   | 85                      | \$ 9,101.00          | \$ 773,285.00         | 84                         | \$ 764,484.00            | 0                      | \$ -                 |
| 10   | Plaza Image Computer                           | 1                       | \$ 9,677.00          | \$ 9,677.00           | 7                          | \$ 67,739.00             | 0                      | \$ -                 |
| 11   | a. OCR System Hardware                         | 12                      | \$ 6,894.00          | \$ 82,728.00          | 8                          | \$ 95,162.00             | 0                      | \$ -                 |
|      | b. OCR System Software License                 | 11                      | \$ 4,089.00          | \$ 44,880.00          | 8                          | \$ 32,640.00             | 0                      | \$ -                 |
| 12   | OCR Training                                   | 0                       | \$ 30,536.00         | \$ -                  | 0                          | \$ -                     | 0                      | \$ -                 |
| 13   | Initial Commissioning and Testing              | 0                       | \$ 12,410.00         | \$ -                  | 0                          | \$ -                     | 0                      | \$ -                 |
|      | <b>Subtotal - Materials</b>                    |                         |                      | \$ 5,785,535.00       | 2640                       | \$ 6,254,185.00          | 0                      | \$ -                 |
| 14   | Mainline Lane Installation (Labor + Materials) | 0                       | \$ 8,615.00          | \$ -                  | 7                          | \$ 60,305.00             | 0                      | \$ -                 |
| 15   | Other Lane Installation (Labor + Materials)    | 380                     | \$ 22,749.00         | \$ 8,644,620.00       | 116                        | \$ 2,635,884.00          | 0                      | \$ -                 |
| 16   | Single Lane/Ramp Closure - TransCore Work      |                         | \$ 1,117.75          | \$ -                  | 182                        | \$ 218,001.16            | 9                      | \$ 10,059.57         |
| 17   | Two-Lane Closure - TransCore Work              |                         | \$ 1,302.00          | \$ -                  | 45                         | \$ 58,590.00             | 5                      | \$ 6,545.45          |
| 18   | Single Lane/Ramp Closure - Others Work         |                         | \$ 1,725.00          | \$ -                  |                            | \$ -                     | 0                      | \$ -                 |
| 19   | Two-Lane Closure - Others Work                 |                         | \$ 2,125.15          | \$ -                  |                            | \$ -                     | 0                      | \$ -                 |
| 20   | Public Notification - Week                     |                         | \$ 675.00            | \$ -                  |                            | \$ -                     | 0                      | \$ -                 |
|      | <b>Subtotal - Labor</b>                        |                         |                      | \$ 6,872,110.00       |                            | \$ 2,978,738.81          |                        | \$ 16,609.02         |

|  |                        |                               |                  |
|--|------------------------|-------------------------------|------------------|
| Submitted By: <u>Ray Tean</u><br>TransCore | Date: <u>4/25/2011</u> | Current Invoice Amount        | \$ 16,609.02     |
|  |                        | Total Amount Invoiced to Date | \$ 9,250,512.23  |
|  |                        | Contract Amount               | \$ 14,658,645.00 |
|  |                        | Amount Remaining              | \$ 5,408,132.77  |

*P15624*  
*5/14/11*

*5/12/11*

### HCTRA Lane Closures MAR 2011 - APRIL 2011

|           |                     |       |
|-----------|---------------------|-------|
| 3/2/2011  | Sam East            | 5,6   |
| 3/11/2011 | Sam North           | 11    |
| 3/15/2011 | Peek West           | 1,2   |
| 3/17/2011 | Sam Southwest       | 5,6   |
| 3/21/2011 | WPE Moore West      | 1,2   |
| 3/21/2011 | WPE Moore West      | 3     |
| 3/22/2011 | WPE Moore East      | 1,2   |
| 3/22/2011 | WPE Moore East      | 3     |
| 3/22/2011 | WPT Boone East      | 3     |
| 3/29/2011 | Ship Channel Bridge | 9     |
| 4/11/2011 | Ship Channel Bridge | 3     |
| 4/12/2011 | Ship Channel Bridge | 3     |
| 4/17/2011 | Sam Central         | 7     |
| 4/18/2011 | Telephone Rd.       | 68,69 |

RECEIVING FORM

TRA AP MAR22'11AM9.32

Date: 03/17/11

Section/Person Responsible for PO: ITS/Pat Hutchinson

Purchase Order #: P156924

Vendor Name: TransCore

Approved [Signature]

Invoice #: 11-00714

Date 4/11/11

Invoice Amount: \$31,085.00

Batch AL330CKO

Description: HCTRA VES Upgrade - Lane Closures

Period: 1/22/11-2/18/11

Org Key: 57405007 Object: 630700

PO BALANCE: \$546,640

Approved for Payment

[Signature: Lisa Castaneda] 3/21/11

CF

[Signature]  
Section Approval

Authorized Signature

- 2675 -  
Date



P11

# INVOICE TRANSCORE

|                      |   |                       |                   |
|----------------------|---|-----------------------|-------------------|
| Invoice No. 11-00714 | HCTRA Purchase Order No. <u>P176374</u> | Invoice Date: 3/07/11 | Due Date: 4/06/11 |
|----------------------|---|-----------------------|-------------------|

|                      |                               |                     |   |
|----------------------|-------------------------------|---------------------|---|
| Vendor No. 251730334 | TransCore Project No. 1310199 | Customer No.: H0013 | Period of Performance: <u>1/22/10-2/18/11</u> |
|----------------------|-------------------------------|---------------------|---|

|  |  |
|--|--|
| Name of Project: HCTRA ATTLAS Support Services   | Name of Contractor: TransCore                                  |
| Bill to: Harris County Toll Road Authority<br>7701 Wilshire Place Drive<br>Houston, TX 77040<br>Attention: Tamara Tippey | Remit to: TransCore<br>PO Box 933493<br>Atlanta, GA 31193-3493 |

### SUMMARY OF WORK FOR WHICH PAYMENT IS REQUIRED

| Item | Description                                       | Hours         | Unit Price | Ext Price           |
|------|---|---------------|------------|---------------------|
|      | <b>Maintenance over 90 Hours (1310199.010.02)</b> |               |            |                     |
|      | Stacey Reeve - DBA                                | 32.00 ✓       | \$ 115.00  | \$ 3,680.00         |
|      | <b>Maintenance over 90 Hours (1310199.010.04)</b> |               |            |                     |
|      | Steve Smith - Project Manager                     | 33.50 ✓       | \$ 125.00  | \$ 4,187.50         |
|      | <b>Maintenance over 90 Hours (1310199.010.05)</b> |               |            |                     |
|      | Robert Rochefort - DBA                            | 10.50 ✓       | \$ 115.00  | \$ 1,207.50         |
|      | Ron Bauza - DBA                                   | 19.00 ✓       | \$ 115.00  | \$ 2,185.00         |
|      | <b>Violation Redirect (1310199.150.02)</b>        |               |            |                     |
|      | Stacey Reeve - DBA                                | 1.00 ✓        | \$ 115.00  | \$ 115.00           |
|      | <b>Violation Redirect (1310199.150.04)</b>        |               |            |                     |
|      | Steve Smith - Project Manager                     | 8.75 ✓        | \$ 125.00  | \$ 1,093.75         |
|      | <b>Violation Redirect (1310199.150.05)</b>        |               |            |                     |
|      | Robert Rochefort - DBA                            | 42.00 ✓       | \$ 115.00  | \$ 4,830.00         |
|      | <b>PCI Compliance (1310199.160.02)</b>            |               |            |                     |
|      | Stacey Reeve - DBA                                | 9.50 ✓        | \$ 115.00  | \$ 1,092.50         |
|      | <b>PCI Compliance (1310199.160.04)</b>            |               |            |                     |
|      | Steve Smith - Project Manager                     | 9.00 ✓        | \$ 125.00  | \$ 1,125.00         |
|      | <b>PCI Compliance (1310199.160.05)</b>            |               |            |                     |
|      | Robert Rochefort - DBA                            | 10.00 ✓       | \$ 115.00  | \$ 1,150.00         |
|      | <b>HCTRA Reg Pen Auto (1310199.180.04)</b>        |               |            |                     |
|      | Steve Smith - Project Manager                     | 0.50 ✓        | \$ 125.00  | \$ 62.50            |
|      | <b>HCTRA Unpaid Tolls (1310199.220.02)</b>        |               |            |                     |
|      | Stacey Reeve - DBA                                | 10.50 ✓       | \$ 115.00  | \$ 1,207.50         |
|      | <b>HCTRA Unpaid Tolls (1310199.220.04)</b>        |               |            |                     |
|      | Steve Smith - Project Manager                     | 25.75 ✓       | \$ 125.00  | \$ 3,218.75         |
|      | <b>HCTRA Unpaid Tolls (1310199.220.05)</b>        |               |            |                     |
|      | Robert Rochefort - DBA                            | 24.00 ✓       | \$ 115.00  | \$ 2,760.00         |
|      | <b>HCTRA Fingprnt (1310199.240.02)</b>            |               |            |                     |
|      | Stacey Reeve - DBA                                | 5.50 ✓        | \$ 115.00  | \$ 632.50           |
|      | <b>HCTRA Fingprnt (1310199.240.04)</b>            |               |            |                     |
|      | Steve Smith - Project Manager                     | 6.50 ✓        | \$ 125.00  | \$ 812.50           |
|      | <b>HCTRA Fingprnt (1310199.240.05)</b>            |               |            |                     |
|      | Robert Rochefort - DBA                            | 9.00 ✓        | \$ 115.00  | \$ 1,035.00         |
|      | <b>Atlas DB DataClean (1310199.250.05)</b>        |               |            |                     |
|      | Robert Rochefort - DBA                            | 6.00 ✓        | \$ 115.00  | \$ 690.00           |
|      | <b>Total Invoice</b>                              | <b>263.00</b> |            | <b>\$ 31,085.00</b> |

CONTRACT &  
REVIEWED  
CK

|                              |                |   |
|------------------------------|----------------|---|
| Submitted By: <u>Ron Bau</u> | Date: 3/7/2011 | Current Invoice Amount \$ <u>31,085.00</u>  |
|                              |                | Total Amount Invoiced to Date \$ 253,360.00 |
|                              |                | Contract Amount \$ 800,000.00               |

RECEIVED  
BARBARA SCHULTZ  
MANAGER  
2011 MAR 03 AM 10:00

2011 MAR 03 AM 10:00

OK to pay  
- Tippey  
By 3/17/11

NOTED  
11 MAR 14 AM 10:00

# CITS / Exception Report

## TRANSCORE Employee Timesheet

Employee ID: XXXXXXXXXX  
Employee Name: REEVE, STACEY J.

Revision: 0  
Class: Salaried Regular  
Exempt

LP (01.01) Period Ending: 02/04/2011

| Ln                   | Project        | Pay Type | Charge Description | Sat<br>01/22 | Sun<br>01/23 | Mon<br>01/24 | Tue<br>01/25 | Wed<br>01/26 | Thu<br>01/27 | Fri<br>01/28 | Sat<br>01/29 | Sun<br>01/30 | Mon<br>01/31 | Tue<br>02/01 | Wed<br>02/02 | Thu<br>02/03 | Fri<br>02/04 | Total |
|----------------------|----------------|----------|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|
| 1                    | 2000040        | V        | Comp Leave         |              |              |              | 1.00         |              |              |              |              |              |              |              |              |              |              | 1.00  |
| 2                    | 2000055        | S        | Planning Holiday   |              |              | 8.00         |              |              |              |              |              |              |              |              |              |              |              | 8.00  |
| 3                    | 1310199.010.02 | R        | Main Overage-TC    |              |              |              | 6.00         | 5.50         | 3.00         | 1.00         |              |              | 2.50         |              |              |              |              | 18.00 |
| 4                    | 1103032.030    | R        | HCTRA-Atlas Sys    |              |              |              |              |              |              |              |              |              | 5.00         | 1.50         | 5.50         | 4.00         |              | 16.00 |
| 5                    | 1310199.160.02 | R        | PCI Comp Audit-TC  |              |              |              | 0.50         | 0.50         |              | 0.50         |              |              |              |              |              |              |              | 1.50  |
| 6                    | 1310199.220.02 | R        | HCTRA Unpaid Toll  |              |              |              | 0.50         | 1.00         |              |              |              |              | 1.00         | 1.00         |              |              |              | 3.50  |
| 7                    | 1310199.240.02 | R        | HCTRA Fingprot In  |              |              |              |              |              |              |              |              |              |              | 1.00         | 0.50         |              |              | 1.50  |
| 8                    | 1310220.030    | R        | TX-HCTRA-VHC-SOFT  |              |              |              |              | 1.00         | 5.00         | 6.50         |              |              | 4.50         | 2.00         | 5.50         | 2.00         | 4.00         | 30.50 |
| Total Regular Hours  |                |          |                    |              |              | 8.00         | 8.00         | 8.00         | 8.00         | 8.00         |              |              | 8.00         | 8.00         | 8.00         | 8.00         | 8.00         | 80.00 |
| Total Overtime Hours |                |          |                    |              |              |              |              |              |              |              |              |              |              |              |              |              |              |       |
| Total Hours          |                |          |                    |              |              | 8.00         | 8.00         | 8.00         | 8.00         | 8.00         |              |              | 8.00         | 8.00         | 8.00         | 8.00         | 8.00         | 80.00 |
| Time In              |                |          |                    |              |              |              |              |              |              |              |              |              |              |              |              |              |              |       |
| Time Out             |                |          |                    |              |              |              |              |              |              |              |              |              |              |              |              |              |              |       |
| Non-Work Hours       |                |          |                    |              |              |              |              |              |              |              |              |              |              |              |              |              |              |       |
| Offsite Work Hours   |                |          |                    |              |              |              |              |              |              |              |              |              |              |              |              |              |              |       |

Timesheet Approvals

Signature: REEVE, STACEY J.

Approval: Pending

*Stacey Reeve* 02/08/2011

*Thompson* 02/09/2011

(80) 1900100.735

ENTERED

COST POINT BA 2-11-11  
 ADP

TRANSCORE  
Employee Timesheet

Revision 1  
Class Salaried Regular  
Exempt

Employee ID: ██████████

Employee Name: REEVE, STACEY J.

LP (01.01) Period Ending 02/18/2011

| Ln                   | Project        | Pay Type | Charge Description | Sat<br>02/05 | Sun<br>02/06 | Mon<br>02/07 | Tue<br>02/08 | Wed<br>02/09 | Thu<br>02/10 | Fri<br>02/11 | Sat<br>02/12 | Sun<br>02/13 | Mon<br>02/14 | Tue<br>02/15 | Wed<br>02/16 | Thu<br>02/17 | Fri<br>02/18 | Total |
|----------------------|----------------|----------|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|
| 1                    | 1103032.030    | R        | HCTRA-Atlas Sys    |              |              | 8.00         | 5.00         | 6.00         | 4.00         | 1.00         |              |              | 6.00         |              |              |              |              | 30.00 |
| 2                    | 1310199.010.02 | R        | Maint Overage-TC   |              |              |              |              |              |              |              |              |              |              | 1.00         | 3.00         | 6.00         | 4.00         | 14.00 |
| 3                    | 1310199.100.02 | R        | PCI Comp Audit-TC  |              |              |              |              |              |              | 4.00         |              |              |              | 4.00         |              |              |              | 8.00  |
| 4                    | 1310199.220.02 | R        | HCTRA Unpaid Toll  |              |              |              | 3.00         |              |              | 0.00         |              |              |              |              |              |              | 4.00         | 7.00  |
| 5                    | 1310199.150.02 | R        | Violation Redirec  |              |              |              |              | 1.00         |              |              |              |              |              |              |              |              |              | 1.00  |
| 6                    | 1310220.030    | R        | TX-HCTRA-VEC-SOFT  |              |              |              |              | 1.00         |              |              |              |              |              |              |              |              |              | 1.00  |
| 7                    | 1100007.010    | R        | HCTRA-Maintenance  |              |              |              |              |              | 4.00         | 3.00         |              |              | 2.00         | 2.50         | 2.00         | 1.50         |              | 15.00 |
| 8                    | 1310199.240.02 | R        | HCTRA Fingerprint  |              |              |              |              |              |              |              |              |              |              | 0.50         | 3.00         | 0.50         |              | 4.00  |
| Total Regular Hours  |                |          |                    |              |              | 8.00         | 8.00         | 8.00         | 8.00         | 8.00         |              |              | 8.00         | 8.00         | 8.00         | 8.00         | 8.00         | 80.00 |
| Total Overtime Hours |                |          |                    |              |              |              |              |              |              |              |              |              |              |              |              |              |              |       |
| Total Hours          |                |          |                    |              |              | 8.00         | 8.00         | 8.00         | 8.00         | 8.00         |              |              | 8.00         | 8.00         | 8.00         | 8.00         | 8.00         | 80.00 |
| Time In              |                |          |                    |              |              |              |              |              |              |              |              |              |              |              |              |              |              |       |
| Time Out             |                |          |                    |              |              |              |              |              |              |              |              |              |              |              |              |              |              |       |
| Non-Work Hours       |                |          |                    |              |              |              |              |              |              |              |              |              |              |              |              |              |              |       |
| Offsite Work Hours   |                |          |                    |              |              |              |              |              |              |              |              |              |              |              |              |              |              |       |

Timesheet Approvals

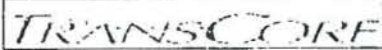
Signature: REEVE, STACEY J.

Approval

LE THOYT



598216



Exempt Time Card

Employee Name: Steve Smith      Dept # \_\_\_\_\_      Audited \_\_\_\_\_  
 Employee # 10 Inbal \_\_\_\_\_      Period Ending # Feb-11      Non Audited \_\_\_\_\_

Page \_\_\_\_\_ of \_\_\_\_\_  
 Regular \_\_\_\_\_  
 Correcting \_\_\_\_\_

|               | S    | S    | M    | T    | W    | Th   | F    | S    | S    | M    | T    | W    | Th   | F    | Regular & Paid Absence | Job Number Project / Sub Task / LC | PW | Project Name / Comments      |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------------|------------------------------------|----|------------------------------|
|               | 1/22 | 1/23 | 1/24 | 1/25 | 1/26 | 1/27 | 1/28 | 1/29 | 1/30 | 1/31 | 2/1  | 2/2  | 2/3  | 2/4  |                        |                                    |    |                              |
| Regular       |      |      | 6.50 | 4.75 | 1.50 | 2.25 | 2.25 |      |      | 1.25 |      |      |      |      | 18.50                  | 1310199.010.04                     |    | Maint Overage-MJ PM          |
| Regular       |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 0.00                   | 1310199.130.04                     |    | HCTRA Arch Data Wrhs -MJ Dev |
| Regular       |      |      |      |      |      | 1.50 | 1.00 |      |      | 0.75 |      |      |      |      | 3.25                   | 1310199.150.04                     |    | Violation Redirect - MJ PM   |
| Regular       |      |      |      |      | 2.25 | 1.00 | 1.50 |      |      | 1.50 |      |      | 1.50 |      | 7.75                   | 1310199.160.04                     |    | PCI Comp Audit - MJ PM       |
| Regular       |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 0.00                   | 1310199.180.04                     |    | HCTRA RegPenAutoCI-MJ PM     |
| Regular       |      |      |      | 1.25 | 2.00 | 1.25 | 1.25 |      |      | 2.25 |      |      | 2.00 |      | 10.00                  | 1310199.220.04                     |    | HCTRA Unpaid Toll\$ -MJ PM   |
| Regular       |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 0.00                   | 1310199.230.04                     |    | HCTRA Exception Plate -MJ PM |
| Regular       |      |      |      |      | 0.50 |      | 0.50 |      |      |      |      |      | 1.00 |      | 2.00                   | 1310199.240.04                     |    | HCTRA Fingprnt Inv           |
| Regular       |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 0.00                   | 1310199.250.04                     |    | ATLAS DB Data Cleanup        |
| Total Regular | 0.00 | 0.00 | 6.50 | 6.00 | 6.25 | 6.00 | 6.50 | 0.00 | 0.00 | 5.75 | 0.00 | 0.00 | 4.50 | 0.00 | 41.50                  |                                    |    |                              |
|               |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Grand Totals           |                                    |    | 41.50                        |

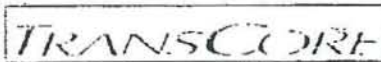
**CERTIFICATION**

TransCore is reimbursed by certain contracts in part based upon its time records. Improper preparation of these records could be deemed a violation of Federal, State, or Local law and subject the Company and its employee to civil and criminal penalties. To the best of my knowledge, the information on this timecard is accurately reported.

Employee Signature \_\_\_\_\_

Approval \_\_\_\_\_

59P216



Exempt Time Card

Employee Name Robert Rochefort Dept # \_\_\_\_\_ Audited \_\_\_\_\_  
 Employee # / ID Initial \_\_\_\_\_ Period Ending 4-Feb-11 Non audited \_\_\_\_\_

Page 1 of 1

Regular \_\_\_\_\_  
 Correcting \_\_\_\_\_

|               | S    | S    | M    | T    | W    | Th   | F    | S    | S    | M    | T    | W    | Th   | F    | Regular & Paid Absence | Job Number Project / Sub Task / LC | PW | Project Name / Comments       |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------------|------------------------------------|----|-------------------------------|
|               | 1/22 | 1/23 | 1/24 | 1/25 | 1/26 | 1/27 | 1/28 | 1/29 | 1/30 | 1/31 | 2/1  | 2/2  | 2/3  | 2/4  |                        |                                    |    |                               |
| Regular       |      |      |      | 2.00 |      |      | 2.00 |      |      |      |      |      |      |      | 4.00                   | 1310199.010.05                     |    | Maint Overage-MJ Dev          |
| Regular       |      |      | 8.00 |      |      |      |      |      |      | 4.00 |      |      |      |      | 12.00                  | 1310199.150.05                     |    | Violation Redirect -MJ Dev    |
| Regular       |      |      |      |      |      |      |      |      |      |      | 4.00 | 2.00 |      | 4.00 | 10.00                  | 1310199.160.05                     |    | PCI Comp Audit -MJ Dev        |
| Regular       |      |      |      |      |      | 6.00 |      |      |      |      |      | 3.00 | 2.00 |      | 11.00                  | 1310199.220.05                     |    | HCTRA Unpaid Tolls -MJ Dev    |
| Regular       |      |      |      |      |      | 2.00 |      |      |      |      |      | 1.00 |      |      | 3.00                   | 1310199.240.05                     |    | HCTRA Fingerprint Inv -MJ Dev |
| Regular       |      |      |      |      |      |      |      |      |      |      |      |      | 4.00 | 2.00 | 6.00                   | 1310199.250.05                     |    | ATLAS DB Data Cleanup -MJ Dev |
| Regular       |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 0.00                   |                                    |    |                               |
| Regular       |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 0.00                   |                                    |    |                               |
| Total Regular | 0.00 | 0.00 | 8.00 | 0.00 | 0.00 | 8.00 | 0.00 | 0.00 | 0.00 | 4.00 | 4.00 | 6.00 | 6.00 | 6.00 | 46.00                  |                                    |    |                               |
| Grand Totals  |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 46.00                  |                                    |    |                               |

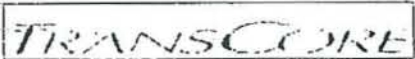
**CERTIFICATION**

TransCore is reimbursed by certain contracts in part based upon its time records. Improper preparation of these records could be deemed a violation of Federal, State, or Local law and subject the Company and its employee to civil and criminal penalties. To the best of my knowledge, the information on this timecard is accurately reported.

Employee Signature RLT RLT

Approval \_\_\_\_\_





Exempt Time Card

|                                |                               |                   |                           |
|--------------------------------|-------------------------------|-------------------|---------------------------|
| Employee Name <u>Ron Bauza</u> | Dept # _____                  | Audited _____     | Page <u>1</u> of <u>1</u> |
| Employee # / ID Initials _____ | Period Ending <u>4 Feb-11</u> | Non audited _____ | Regular _____             |
|                                |                               | Correcting _____  |                           |

|                      | S    | S    | M    | T    | W    | Th   | F    | S    | S    | M    | T    | W    | Th   | F    | Regular & Paid Absence | Job Number<br>Project / Sub Task / LC PW | Project Name / Comments        |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------------|--|--------------------------------|
|                      | 1/22 | 1/23 | 1/24 | 1/25 | 1/26 | 1/27 | 1/28 | 1/29 | 1/30 | 1/31 | 2/1  | 2/2  | 2/3  | 2/4  |                        |  |                                |
| Regular              |      |      | 4.00 |      | 1.00 |      |      |      |      | 1.00 |      |      |      |      | 6.00                   | 1310199.010.05                           | Maint Overage-MJ Dev           |
| Regular              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 0.00                   | 1310199.160.05                           | PCI Comp Audit -MJ Dev         |
| Regular              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 0.00                   | 1310199.150.05                           | Violation Redirect -MJ Dev     |
| Regular              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 0.00                   | 1310199.170.05                           | HCTRA IOP Cust and CSC -MJ Dev |
| Regular              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 0.00                   | 1310199.220.05                           | HCTRA Unpaid Tolls -MJ Dev     |
|                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 0.00                   |  |                                |
| Regular              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 0.00                   |  |                                |
| <b>Total Regular</b> | 0.00 | 0.00 | 4.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | <b>6.00</b>            |  |                                |
| Grand Totals         |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 6.00                   |  |                                |

|   |  |
|---|--|
| <p align="center"><b>CERTIFICATION</b></p> <p>TransCore is reimbursed by certain contracts in part based upon its time records. Improper preparation of these records could be deemed a violation of Federal, State, or Local law and subject the Company and its employee to civil and criminal penalties. To the best of my knowledge, the information on this timecard is accurately reported.</p> | <p>Employee Signature <u>Ron Bauza</u></p> <p>Approval _____</p> |
|---|--|

595036



Employee Name Steve Smith Dept # \_\_\_\_\_ Audit # \_\_\_\_\_ Page \_\_\_\_\_ of \_\_\_\_\_  
 Employee # / Initials \_\_\_\_\_ Period Ending 31-Jan-11 Non-audited \_\_\_\_\_  
 Regular \_\_\_\_\_ Correcting \_\_\_\_\_

Exempt Time Card

|                      | S    | S    | M    | T    | W    | Th   | F    | S    | S    | M    | T    | W    | Th   | F    | Regular & Paid Absence | Job Number<br>Project / Sub Task / LC | PW | Project Name / Comments       |       |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------------|---------------------------------------|----|-------------------------------|-------|
|                      | 1/8  | 1/9  | 1/10 | 1/11 | 1/12 | 1/13 | 1/14 | 1/15 | 1/16 | 1/17 | 1/18 | 1/19 | 1/20 | 1/21 |                        |                                       |    |                               |       |
| Regular              |      |      |      |      |      |      | 4.25 |      |      |      | 4.75 | 1.50 | 2.50 | 2.00 | 15.00                  | 1310199.010.04                        |    | Maint Overage-MJ PM           |       |
| Regular              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 0.00                   | 1310199.130.04                        |    | HCTRA Arch Data Wrths -MJ Dev |       |
| Regular              |      |      |      |      | 2.00 | 1.50 |      |      |      |      |      | 1.50 |      | 0.50 | 5.50                   | 1310199.150.04                        |    | Violation Redirect - MJ PM    |       |
| Regular              |      |      |      |      | 0.75 | 0.50 |      |      |      |      |      |      |      |      | 1.25                   | 1310199.160.04                        |    | PCI Comp Audit - MJ PM        |       |
| Regular              |      |      |      |      |      | 0.50 |      |      |      |      |      |      |      |      | 0.50                   | 1310199.180.04                        |    | HCTRA RegPenAutoCI-MJ PM      |       |
| Regular              |      |      | 2.25 | 1.25 | 1.50 | 2.25 | 1.00 |      |      |      | 1.25 | 1.50 | 2.25 | 2.50 | 15.75                  | 1310199.220.04                        |    | HCTRA Unpaid Tolls -MJ PM     |       |
| Regular              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 0.00                   | 1310199.230.04                        |    | HCTRA Exception Plate -MJ PM  |       |
| Regular              |      |      |      |      |      | 0.50 |      |      |      |      |      | 1.75 | 1.00 | 1.25 | 4.50                   | 1310199.240.04                        |    | HCTRA Fingrpnt Inv            |       |
| Regular              |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 0.00                   | 1310199.250.04                        |    | ATLAS DB Data Cleanup         |       |
| <b>Total Regular</b> | 0.00 | 0.00 | 2.25 | 1.25 | 4.25 | 5.25 | 5.25 | 0.00 | 0.00 | 0.00 | 6.00 | 6.25 | 5.75 | 6.25 | 42.50                  |                                       |    |                               |       |
|                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |                        | <b>Grand Totals</b>                   |    |                               | 42.50 |

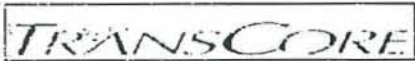
**CERTIFICATION**

TransCore is reimbursed by certain contracts in part based upon its time records. Improper preparation of these records could be deemed a violation of Federal, State, or Local law and subject the Company and its employee to civil and criminal penalties. To the best of my knowledge, the information on this timecard is accurately reported.

Employee Signature \_\_\_\_\_

Approval \_\_\_\_\_

595036



Exempt Time Card

Employee Name Ron Bauza Dept # \_\_\_\_\_ Audited \_\_\_\_\_ Page 1 of 1  
 Employee # / ID Initials \_\_\_\_\_ Period Ending 21-Jan-11 Non Audited \_\_\_\_\_  
 Regular \_\_\_\_\_  
 Correcting \_\_\_\_\_

|               | -S   | S    | M    | T    | W    | Th   | F    | S    | S    | M    | T    | W    | Th   | F    | Regular & Paid Absence | Job Number<br>Project / Sub Task / LC P/W | Project Name / Comments        |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------------|---|--------------------------------|
|               | 1/8  | 1/9  | 1/10 | 1/11 | 1/12 | 1/13 | 1/14 | 1/15 | 1/16 | 1/17 | 1/18 | 1/19 | 1/20 | 1/21 |                        |   |                                |
| Regular       |      |      |      |      |      |      |      |      |      |      | 3.00 | 3.00 | 2.00 | 5.00 | 13.00                  | 1310199.010.05                            | Maint Overage-MJ Dev           |
| Regular       |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 0.00                   | 1310199.160.05                            | PCI Comp Audit -MJ Dev         |
| Regular       |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 0.00                   | 1310199.150.05                            | Violation Redirect -MJ Dev     |
| Regular       |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 0.00                   | 1310199.170.05                            | HCTRA IOP Cust and CSC -MJ Dev |
| Regular       |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 0.00                   | 1310199.220.05                            | HCTRA Unpaid Tolls -MJ Dev     |
|               |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 0.00                   |   |                                |
| Regular       |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 0.00                   |   |                                |
| Total Regular | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.00 | 3.00 | 2.00 | 5.00 | 13.00                  |   |                                |
| Grand Totals  |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 13.00                  |   |                                |

**CERTIFICATION**

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Employee Signature Ron Bauza

Approval \_\_\_\_\_

595036



Exempt Time Card

Employee Name: Robert Rochafort Dept # \_\_\_\_\_  
 Employee # / ID Initials \_\_\_\_\_ Period Ending: 21-Jan-11

Audited \_\_\_\_\_ Page 1 of 1  
 Non audited \_\_\_\_\_  
 Regular \_\_\_\_\_  
 Correcting \_\_\_\_\_

|               | S    | S    | M    | T    | W    | Th   | F    | S    | S    | M    | T    | W    | Th   | F    | Regular & Paid Absence | Job Number<br>Project / Sub Task / LC | PW | Project Name / Comments    |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------------------------|---------------------------------------|----|----------------------------|
|               | 1/8  | 1/9  | 1/10 | 1/11 | 1/12 | 1/13 | 1/14 | 1/15 | 1/16 | 1/17 | 1/18 | 1/19 | 1/20 | 1/21 |                        |                                       |    |                            |
| Regular       |      |      |      |      |      |      |      |      |      |      |      | 2.50 |      | 4.00 | 6.50                   | 1310199.010.05                        |    | Maint Overage-MJ Dev       |
| Regular       |      |      |      | 6.00 |      |      | 8.00 |      |      |      | 2.00 | 2.00 | 8.00 | 4.00 | 30.00                  | 1310199.150.05                        |    | Violation Redirect -MJ Dev |
| Regular       |      |      |      | 2.00 | 4.00 | 3.50 |      |      |      |      | 2.00 | 1.50 |      |      | 13.00                  | 1310199.220.05                        |    | HCTRA Unpaid Tolls -MJ Dev |
| Regular       |      |      |      |      |      |      |      |      |      |      | 4.00 | 2.00 |      |      | 6.00                   | 1310199.240.05                        |    | HCTRA Fingprnt Inv -MJ Dev |
| Regular       |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 0.00                   |                                       |    |                            |
| Regular       |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 0.00                   |                                       |    |                            |
| Regular       |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 0.00                   |                                       |    |                            |
| Total Regular | 0.00 | 0.00 | 0.00 | 8.00 | 4.00 | 3.50 | 8.00 | 0.00 | 0.00 | 0.00 | 8.00 | 8.00 | 8.00 | 8.00 | 55.50                  |                                       |    |                            |
|               |      |      |      |      |      |      |      |      |      |      |      |      |      |      | Grand Totals           | 55.50                                 |    |                            |

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Employee Signature RLA RLA

Approval \_\_\_\_\_



RECEIVING FORM

TRA AP MAR22'11AM9.32

Date: 03/10/11

Section/Person Responsible for PO: IT/Pat Hutchinson

Purchase Order #: P156924

Vendor Name: TransCore

Approved SC

Invoice #: 20026

Date 4/1/11

Invoice Amount: \$8,592.75

Batch AL330CFO

Description: HCTRA VES Upgrade - Lane Closures

Period: 1/10/10- 02/20/11

Org Key: 57405024 Object: 624110

PO BALANCE: \$6,419,063

Approved for Payment

Rin Castaneda

3/21/11

CF

[Signature]  
3/11/11  
Section Approval

Authorized Signature

- 2685 -  
Date

Revised 11/7/05

H.C.T.R.A.  
 PHASE 2  
 1 MAR - 4

# INVOICE

PA11

TRANSCORE

|   |   |   |                   |
|---|---|---|-------------------|
| Invoice No. 20026   | HCTRA Purchase Order No. <u>P156824</u> | Invoice Date: 2/28/11   | Due Date: 3/29/11 |
| Vendor No. 251730334  | TransCore Project No. 1309121           | Customer No.: H0013   |                   |
| Name of Project: HCTRA VES UPGRADE  |   |   |                   |
| Name of Contractor: TransCore   |   |   |                   |
| Bill to: Harris County Toll Road Authority<br>7701 Wilshire Place Drive, 5th floor<br>Houston, TX 77040<br>Attention: Chuck Sanders |   | Remit to: TransCore Holdings, Inc.<br>36120 Treasury Center<br>Chicago, IL 60694-6100 |                   |

**SUMMARY OF WORK FOR WHICH PAYMENT IS REQUIRED**

| Item | Item   | Total Contract |                      | Previous        |        | Current Month   | Current Month |
|------|--|----------------|----------------------|-----------------|--------|-----------------|---------------|
|      |  | Quantity       | Unit Contract Amount | Quantity        | Amount |                 |               |
| 1    | VES Camera                                     | 600            | \$ 1,779.00          | \$ 1,067,400.00 | 603    | \$ 1,072,737.00 | \$ -          |
| 2    | VES Camera Housing                             | 360            | \$ 2,226.00          | \$ 801,360.00   | 360    | \$ 801,360.00   | \$ -          |
| 3    | Camera Junction Box (1 camera/lane)            | 302            | \$ 3,190.00          | \$ 963,380.00   | 340    | \$ 1,084,600.00 | \$ -          |
| 4    | Camera Junction Box (3 camera/lane)            | 93             | \$ 3,845.00          | \$ 366,885.00   | 95     | \$ 374,775.00   | \$ -          |
| 5    | a. LED Illuminator                             | 500            | \$ 2,919.00          | \$ 1,459,500.00 | 500    | \$ 1,459,500.00 | \$ -          |
|      | b. No Charge LED Illuminator                   |                | \$ -                 | \$ -            | 39     | \$ -            | \$ -          |
| 6    | a. LED Illuminator Bracket                     | 500            | \$ 130.00            | \$ 65,000.00    | 500    | \$ 65,000.00    | \$ -          |
|      | b. No Charge LED Illuminator Bracket           |                | \$ -                 | \$ -            | 39     | \$ -            | \$ -          |
| 7    | LED Illuminator Junction Box                   |                | \$ 1,744.00          | \$ -            | 0      | \$ -            | \$ -          |
| 8    | VES Controller (1-4 cameras)                   | 40             | \$ 8,354.00          | \$ 334,160.00   | 57     | \$ 476,178.00   | \$ -          |
| 9    | VES Controller (1-8 cameras)                   | 65             | \$ 9,101.00          | \$ 591,565.00   | 84     | \$ 764,484.00   | \$ -          |
| 10   | Plaza Image Computer                           | 1              | \$ 9,677.00          | \$ 9,677.00     | 7      | \$ 67,736.00    | \$ -          |
| 11   | a. OCR System Hardware                         | 12             | \$ 6,894.00          | \$ 82,728.00    | 8      | \$ 55,152.00    | \$ -          |
|      | b. OCR System Software License                 | 11             | \$ 4,080.00          | \$ 44,880.00    | 8      | \$ 32,640.00    | \$ -          |
| 12   | OCR Tuning                                     | 0              | \$ 30,936.00         | \$ -            | 0      | \$ -            | \$ -          |
| 13   | Initial Commissioning and Testing              | 0              | \$ 12,410.02         | \$ -            | 0      | \$ -            | \$ -          |
|      | <b>Subtotal - Materials</b>                    |                |                      | \$ 5,786,535.00 | 2640   | \$ 8,254,185.00 | \$ -          |
| 14   | Mainline Lane Installation (Labor + Materials) | 0              | \$ 9,615.00          | \$ -            | 7      | \$ 67,505.00    | \$ -          |
| 15   | Other Lane Installation (Labor + Materials)    | 390            | \$ 22,749.00         | \$ 8,872,110.00 | 116    | \$ 2,638,884.00 | \$ -          |
| 16   | Single Lane/Ramp Closure - TransCore Work      |                | \$ 1,117.73          | \$ -            | 189    | \$ 211,250.97   | \$ 3,353.19   |
| 17   | Two-Lane Closure - TransCore Work              |                | \$ 1,309.89          | \$ -            | 41     | \$ 53,705.49    | \$ 5,239.56   |
| 18   | Single Lane/Ramp Closure - Others Work         |                | \$ 1,775.00          | \$ -            |        | \$ -            | \$ -          |
| 19   | Two-Lane Closure - Others Work                 |                | \$ 2,125.55          | \$ -            |        | \$ -            | \$ -          |
| 20   | Public Notification - Week                     |                | \$ 675.00            | \$ -            |        | \$ -            | \$ -          |
|      | <b>Subtotal - Labor</b>                        |                |                      | \$ 8,872,110.00 |        | \$ 2,971,146.48 | \$ 8,592.75   |

|   |                  |   |                        |             |                               |                 |                 |                  |                  |                 |
|---|------------------|---|------------------------|-------------|-------------------------------|-----------------|-----------------|------------------|------------------|-----------------|
| Submitted By: <u>Rou Ban</u><br>TransCore | Date: 2/28/2011  | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Current Invoice Amount</td> <td style="text-align: right;">\$ 8,592.75</td> </tr> <tr> <td>Total Amount Invoiced to Date</td> <td style="text-align: right;">\$ 9,233,903.21</td> </tr> <tr> <td>Contract Amount</td> <td style="text-align: right;">\$ 14,658,645.00</td> </tr> <tr> <td>Amount Remaining</td> <td style="text-align: right;">\$ 5,424,741.79</td> </tr> </table> | Current Invoice Amount | \$ 8,592.75 | Total Amount Invoiced to Date | \$ 9,233,903.21 | Contract Amount | \$ 14,658,645.00 | Amount Remaining | \$ 5,424,741.79 |
| Current Invoice Amount                    | \$ 8,592.75      |   |                        |             |                               |                 |                 |                  |                  |                 |
| Total Amount Invoiced to Date             | \$ 9,233,903.21  |   |                        |             |                               |                 |                 |                  |                  |                 |
| Contract Amount                           | \$ 14,658,645.00 |   |                        |             |                               |                 |                 |                  |                  |                 |
| Amount Remaining                          | \$ 5,424,741.79  |   |                        |             |                               |                 |                 |                  |                  |                 |

RECEIVED  
 BARBARA J. SCHULTZ CPA  
 HARRIS COUNTY AUDITOR  
 2011 MAR 23 AM 10:30

PA 11  
 3/2/11  
  
 3/11/11

### HCTRA Lane Closures DEC 2010 - JAN 2011

|           |                   |     |
|-----------|-------------------|-----|
| 1/10/2010 | Sam Southwest     | 5,6 |
| 1/16/2011 | Airport Connector | 18  |
| 1/16/2011 | Airport Connector | 16  |
| 2/10/2011 | Hardy North       | 7,8 |
| 2/11/2011 | WPT - Moore West  | 1   |
| 2/11/2011 | WPT - Moore West  | 2,3 |
| 2/20/2011 | Hardy North       | 7,8 |

RECEIVING FORM

TRA AP JAN28'11AM7.51

Date: 01/24/11

Section/Person Responsible for PO: Facilities-Maintenance/Felita Fischer

Purchase Order #: P156924

Approved SL

Vendor Name: Transcore

Date 2/3/11

Invoice #: See Below:

Batch AL203CKO

Invoice Amount: See Below:

CC Date \_\_\_\_\_

Description:

*SL*  
AL202CK2  
2/7/11

|          |              |  |
|----------|--------------|--|
| # 19892  | \$27,303.00  | VES Equipment Upgrades (Contollers) Replacements for Ft. Bend  |
| #19893 / | \$377,239.83 | VES Equipment Upgrades Installations for Winfield (4) and Mainline (12) 12/10-01/11 and (11) Lane Closures for Sam South, Sam Southwest, WPE Moore West/East, WPE Peek West/East, and FBCTRA Parkway ML from 12/10-01/11 |
|          |              |  |
|          |              |  |
|          |              |  |
|          |              |  |
|          |              |  |
|          |              |  |
|          |              |  |
|          |              |  |
|          |              |  |
|          |              |  |

ORG KEY: \_\_\_\_\_ OBJECT CODE: \_\_\_\_\_

P.O. BALANCE: \$ 6,427,655.61

Approved for Payment

Len Castorede 1/27/11

Authorized Signature

Date

[Signature]  
1/25/11  
Section Approval

*CF*

Revised 10/2/06



# INVOICE

# TRANSCORE.

|   |                                  |   |                   |
|---|----------------------------------|---|-------------------|
| Invoice No. 19893   | HCTRA Purchase Order No. P156924 | Invoice Date: 1/12/11   | Due Date: 2/12/11 |
| Vendor No. 251730334  | TransCore Project No. 1309121    | Customer No.: H0013   |                   |
| Name of Project: HCTRA YES UPGRADE  |                                  |   |                   |
| Name of Contractor: TransCore   |                                  |   |                   |
| Bill to: Harris County Toll Road Authority<br>7701 Wilshire Place Drive, 5th floor<br>Houston, TX 77040<br>Attention: Chuck Sanders |                                  | Remit to: TransCore Holdings, Inc.<br>36120 Treasury Center<br>Chicago, IL 60694-6100 |                   |

**SUMMARY OF WORK FOR WHICH PAYMENT IS REQUIRED**

| Item | Item   | Total Contract Quantity | Unit Contract Amount | Total Contract Amount | Previous Quantity Invoiced | Previous Amount Invoiced | Current Month Quantity | Current Month Amount |
|------|--|-------------------------|----------------------|-----------------------|----------------------------|--------------------------|------------------------|----------------------|
| 1    | VES Camera                                     | 600                     | \$ 1,779.00          | \$ 1,067,400.00       | 603                        | \$ 1,072,737.00          | 0                      | \$ -                 |
| 2    | VES Camera Housing                             | 360                     | \$ 2,226.00          | \$ 801,360.00         | 360                        | \$ 801,360.00            | 0                      | \$ -                 |
| 3    | Camera Junction Box (1 camera/lane)            | 302                     | \$ 3,190.00          | \$ 963,380.00         | 340                        | \$ 1,084,600.00          | 0                      | \$ -                 |
| 4    | Camera Junction Box (3 camera/lane)            | 93                      | \$ 3,945.00          | \$ 368,885.00         | 95                         | \$ 374,775.00            | 0                      | \$ -                 |
| 5    | a. LED Illuminator                             | 500                     | \$ 2,919.00          | \$ 1,459,500.00       | 500                        | \$ 1,459,500.00          | 0                      | \$ -                 |
|      | b. No Charge LED Illuminator                   |                         | \$ -                 | \$ -                  | 39                         | \$ -                     | 0                      | \$ -                 |
| 6    | a. LED Illuminator Bracket                     | 500                     | \$ 130.00            | \$ 65,000.00          | 500                        | \$ 65,000.00             | 0                      | \$ -                 |
|      | b. No Charge LED Illuminator Bracket           |                         | \$ -                 | \$ -                  | 39                         | \$ -                     | 0                      | \$ -                 |
| 7    | LED Illuminator Junction Box                   |                         | \$ 1,744.00          | \$ -                  | 0                          | \$ -                     | 0                      | \$ -                 |
| 8    | VES Controller (1-4 cameras)                   | 40                      | \$ 8,354.00          | \$ 334,160.00         | 57                         | \$ 478,178.00            | 0                      | \$ -                 |
| 9    | VES Controller (1-8 cameras)                   | 85                      | \$ 9,101.00          | \$ 773,585.00         | 84                         | \$ 764,484.00            | 0                      | \$ -                 |
| 10   | Plaza Image Computer                           | 11                      | \$ 6,677.00          | \$ 73,447.00          | 7                          | \$ 67,739.00             | 0                      | \$ -                 |
| 11   | a. OCR System Hardware                         | 12                      | \$ 6,894.00          | \$ 82,728.00          | 8                          | \$ 55,152.00             | 0                      | \$ -                 |
|      | b. OCR System Software License                 | 11                      | \$ 4,080.00          | \$ 44,880.00          | 8                          | \$ 32,640.00             | 0                      | \$ -                 |
| 12   | OCR Tuning                                     | 0                       | \$ 30,936.00         | \$ -                  | 0                          | \$ -                     | 0                      | \$ -                 |
| 13   | Initial Commissioning and Testing              | 0                       | \$ 12,410.00         | \$ -                  | 0                          | \$ -                     | 0                      | \$ -                 |
|      | Subtotal - Materials                           |                         | \$ 5,786,535.00      | \$ 2640               |                            | \$ 6,254,168.00          | 0                      | \$ -                 |
| 14   | Mainline Lane Installation (Labor + Materials) | 0                       | \$ 9,615.00          | \$ -                  | 7                          | \$ 87,905.00             | 0                      | \$ -                 |
| 15   | Other Lane Installation (Labor + Materials)    | 390                     | \$ 22,749.00         | \$ 8,872,110.00       | 100                        | \$ 2,274,900.00          | 16                     | \$ 363,984.00        |
| 16   | Single Lane/Ramp Closure - TransCore Work      |                         | \$ 1,117.73          | \$ -                  | 183                        | \$ 204,644.59            | 6                      | \$ 6,706.38          |
| 17   | Two-Lane Closure - TransCore Work              |                         | \$ 1,305.89          | \$ -                  | 36                         | \$ 47,168.04             | 5                      | \$ 6,549.45          |
| 18   | Single Lane/Ramp Closure - Others Work         |                         | \$ 1,775.00          | \$ -                  | 0                          | \$ -                     | 0                      | \$ -                 |
| 19   | Two-Lane Closure - Others Work                 |                         | \$ 2,125.55          | \$ -                  | 0                          | \$ -                     | 0                      | \$ -                 |
| 20   | Public Notification - Week                     |                         | \$ 675.00            | \$ -                  | 0                          | \$ -                     | 0                      | \$ -                 |
|      | Subtotal - Labor                               |                         | \$ 8,872,110.00      | \$ 2640               |                            | \$ 2,633,908.63          | 0                      | \$ 377,239.83        |

|  |                 |                               |                  |
|--|-----------------|-------------------------------|------------------|
| Submitted By: <i>Ron Barr</i><br>TransCore | Date: 1/12/2011 | Current Invoice Amount        | \$ 377,239.83    |
|  |                 | Total Amount Invoiced to Date | \$ 9,225,310.46  |
|  |                 | Contract Amount               | \$ 14,658,645.00 |
|  |                 | Amount Remaining              | \$ 5,433,334.54  |

Item # 15 - see # 11 on support  
 Item # 16 - see # 34 on support  
 Item # 17 - see # 35 on support

*[Handwritten signature]*  
 1/25/11

2012 JAN 31 AM 9:33

HOUSTON, TEXAS  
 ADDRESS  
 10000

## HCTRA Lane Closures DEC 2010 - JAN 2011

|            |                   |       |
|------------|-------------------|-------|
| 12/15/2010 | Sam South         | 10,11 |
| 12/30/2010 | Sam Southwest     | 5,6   |
| 1/3/2011   | WPE Moore West    | 1,2   |
| 1/3/2011   | WPE Moore West    | 3     |
| 1/4/2011   | WPE Peek West     | 1     |
| 1/4/2011   | WPE Peek East     | 3     |
| 1/4/2011   | WPE Moore East    | 1,2   |
| 1/4/2011   | FBCTRA Parkway ML | 4     |
| 1/4/2011   | FBCTRA Parkway ML | 5     |
| 1/4/2011   | FBCTRA Parkway ML | 6     |
| 1/10/2010  | Sam Southwest     | 5,6   |

HCTRA VES Upgrade Installations - DEC 2010-JAN 2011

|          | <u>ML</u> | <u>Other</u> |
|----------|-----------|--------------|
| Winfield |           | 4            |
| Mainline |           | 12           |

**ATTACHMENT "A"**

**Best and Final Offer:**

| Item Description                                  | Unit | Quantity | Unit Price   | Subtotal     | Total                  |
|---|------|----------|--------------|--------------|------------------------|
| 1. VES Camera                                     | Each | 600      | \$1,779.00   | \$1,779.00   | \$1,067,400.00         |
| 2. VES Camera Housing                             | Each | 360      | \$2,226.00   | \$2,226.00   | \$801,360.00           |
| 3. Camera Junction Box (1 camera/lane)            | Each | 302      | \$3,190.00   | \$3,190.00   | \$963,380.00           |
| 4. Camera Junction Box (3 cameras/lane)           | Each | 93       | \$3,945.00   | \$3,945.00   | \$366,885.00           |
| 5. LED Illuminator                                | Each | 500      | \$2,919.00   | \$2,919.00   | \$1,459,500.00         |
| 6. LED Illuminator bracket                        | Each | 500      | \$130.00     | \$130.00     | \$65,000.00            |
| 7. VES Controller (1-4 cameras)                   | Each | 40       | \$8,354.00   | \$8,354.00   | \$334,160.00           |
| 8. VES Controller (1-8 cameras)                   | Each | 65       | \$9,101.00   | \$9,101.00   | \$591,565.00           |
| 9. Plaza Image Computer                           | Each | 1        | \$9,677.00   | \$9,677.00   | \$9,677.00             |
| 10. a. OCR System - Hardware                      | Each | 12       | \$6,894.00   | \$6,894.00   | \$82,728.00            |
| b. OCR System - Software License                  | Each | 11       | \$4,080.00   | \$4,080.00   | \$44,880.00            |
| <b>SUBTOTAL - MATERIALS</b>                       |      |          |              |              | <b>\$5,786,535.00</b>  |
| 11. 'Other' Lane Installation (Labor + Materials) | Each | 390      | \$22,749.00  | \$22,749.00  | \$8,872,110.00         |
| <b>SUBTOTAL - LABOR</b>                           |      |          |              |              | <b>\$8,872,110.00</b>  |
| 12. Annual VES Maintenance (Cameras 321 - 400)    | Lot  | 1        | \$140,000.00 | \$140,000.00 | \$140,000.00           |
| 13. Annual VES Maintenance (Cameras 401 - 480)    | Lot  | 1        | \$140,000.00 | \$140,000.00 | \$140,000.00           |
| 14. Annual VES Maintenance (Cameras 481 - 640)    | Lot  | 1        | \$140,000.00 | \$140,000.00 | \$140,000.00           |
| 15. Annual VES Maintenance (Cameras 641 - 800)    | Lot  | 1        | \$140,000.00 | \$140,000.00 | \$140,000.00           |
| 16. Annual VES Maintenance (Cameras 801 - 960)    | Lot  | 1        | \$140,000.00 | \$140,000.00 | \$140,000.00           |
| <b>SUBTOTAL - MAINTENANCE</b>                     |      |          |              |              | <b>\$700,000.00</b>    |
| <b>TOTAL</b>                                      |      |          |              |              | <b>\$15,358,645.00</b> |

Equipment warranty is for one year.

Equipment can be delivered within 90 days upon receipt of release request for the associated purchase order resulting from this RFP.

**RENEWAL**

Bidder agrees to renew this contract for the time frame stated below under the same terms and conditions and pricing as the original contract. If bidder does not wish to be considered for renewal, write "N.A." in the space provided.

Renewal Year 1: (2009 - 2010) YES

Renewal Year 2: (2010 - 2011) YES

Renewal Year 3: (2011 - 2012) YES\*

Renewal Year 4: (2012 - 2013) YES\*

\* The pricing for the renewal in years 3 and 4 shall be adjusted by dividing the Consumer Price Index (CPI) (CPI-U for Houston, Texas) of the latest full month for which public statistics are available at the end of renewal year 2, by the CPI value for the month and year on which this Contract is executed. The quotients so derived shall then be multiplied by the unit prices listed above and the new unit prices shall be used for renewal years 3 and 4. The CPI values used in such computations shall be as published in the Monthly Labor Review by the U.S. Department of Labor, Bureau of Labor Statistics.



| Item        | Description  | U<br>M | Qty. | Bidder: TransCore ITS, LLC |              | Bidder: Highway Intelligent Traffic Systems Corp |              | Bidder: Traffic Control Devices dba Florida Traffic Control Devices, Inc. |              | Bidder: Traf-Tex, Inc. |                |
|-------------|--|--------|------|----------------------------|--------------|--|--------------|---|--------------|------------------------|----------------|
|             |  |        |      | \$/UM                      | EXT.\$       | \$/UM  | EXT.\$       | \$/UM   | EXT.\$       | \$/UM                  | EXT.\$         |
| A.          | LED DYNAMIC MESSAGE SIGN HARDWARE, TRAFFIC CONTROL, AND RELATED ITEMS  |        |      |                            |              |  |              |   |              |                        |                |
| 28          | FURNISH AND INSTALL 3" GALVANIZED RMC UNDERGROUND INCLUDING EQUIPMENT, LABOR, MULE PULL TAPE, GROUND BUSHINGS, AND MATERIALS NECESSARY TO PROVIDE A COMPLETE INSTALLATION. | LF     | 200  | \$21.53                    | \$4,306.00   | \$21.00  | \$4,200.00   | \$22.99   | \$4,598.00   | \$15.00                | \$3,000.00     |
| 29          | FURNISH AND INSTALL 2" GALVANIZED RMC UNDERGROUND INCLUDING EQUIPMENT, LABOR, MULE PULL TAPE, GROUND BUSHINGS, AND MATERIALS NECESSARY TO PROVIDE A COMPLETE INSTALLATION. | LF     | 500  | \$17.05                    | \$8,525.00   | \$15.00  | \$7,500.00   | \$13.46   | \$6,730.00   | \$8.50                 | \$4,250.00     |
| 30          | FURNISH AND INSTALL FIBER OPTIC CABLE SPLICE ENCLOSURE   | EA     | 32   | \$505.93                   | \$16,189.76  | \$715.00   | \$22,880.00  | \$1,216.65  | \$38,932.80  | \$575.00               | \$18,400.00    |
| 31          | FIBER OPTIC CABLE DUCT BANK MARKERS  | EA     | 20   | \$19.52                    | \$390.40     | \$65.00  | \$1,300.00   | \$118.95  | \$2,379.00   | \$112.00               | \$2,240.00     |
| 32          | GROUND BOX TY 2 W/APRON  | EA     | 10   | \$1,974.36                 | \$19,743.60  | \$2,000.00                                       | \$20,000.00  | \$1,671.01  | \$16,710.10  | \$1,870.00             | \$18,700.00    |
| 33          | COMMUNICATION CABLE (22 AWG) (6 PAIR)  | LF     | 500  | \$0.51                     | \$255.00     | \$1.00   | \$500.00     | \$1.37  | \$685.00     | \$1.80                 | \$900.00       |
| 34          | FREEWAY LANE CLOSURE - ONE LANE, ONE DIRECTION, PER SET-UP   | EA     | 10   | \$1,117.73                 | \$11,177.30  | \$1,200.00                                       | \$12,000.00  | \$588.51  | \$5,885.10   | \$1,550.00             | \$15,500.00    |
| 35          | FREEWAY LANE CLOSURE - TWO LANES, ONE DIRECTION, PER SET-UP  | EA     | 10   | \$1,309.89                 | \$13,098.90  | \$1,400.00                                       | \$14,000.00  | \$1,377.01  | \$13,770.10  | \$1,850.00             | \$18,500.00    |
| 36          | FREEWAY LANE CLOSURE - THREE LANES, ONE DIRECTION, PER SET-UP  | EA     | 10   | \$1,842.19                 | \$18,421.90  | \$1,600.00                                       | \$16,000.00  | \$2,065.52  | \$20,655.20  | \$2,450.00             | \$24,500.00    |
| 37          | FREEWAY LANE CLOSURE - FOUR LANES, ONE DIRECTION, PER SET-UP   | EA     | 10   | \$2,121.99                 | \$21,219.90  | \$2,100.00                                       | \$21,000.00  | \$3,449.03  | \$34,490.30  | \$3,400.00             | \$34,000.00    |
| 38          | FRONTAGE ROAD/CROSS STREET LANE CLOSURE - ONE LANE, ONE DIRECTION, PER SET-UP  | EA     | 10   | \$1,003.95                 | \$10,039.50  | \$1,100.00                                       | \$11,000.00  | \$373.21  | \$3,732.10   | \$900.00               | \$9,000.00     |
| 39          | FRONTAGE ROAD/CROSS STREET LANE CLOSURE - TWO LANES, ONE DIRECTION, PER SET-UP   | EA     | 10   | \$1,003.95                 | \$10,039.50  | \$1,400.00                                       | \$14,000.00  | \$746.42  | \$7,464.20   | \$1,100.00             | \$11,000.00    |
| GRAND TOTAL |  |        |      |                            | \$865,538.26 |  | \$897,235.00 |   | \$953,120.42 |                        | \$1,055,126.00 |

Award Recommendation

# INVOICE

# TRANSCORE.

|                      |                                  |                       |                   |
|----------------------|----------------------------------|-----------------------|-------------------|
| Invoice No. 19692    | HCTRA Purchase Order No. P156924 | Invoice Date: 1/12/11 | Due Date: 2/12/11 |
| Vendor No. 251730334 | TransCore Project No. 1309121    | Customer No.: H0013   |                   |

Name of Project: HCTRA VES UPGRADE  
 Name of Contractor: TransCore

Bill to: Harris County Toll Road Authority  
 7701 Wilshire Place Drive, 5th floor  
 Houston, TX 77040  
 Attention: Chuck Sanders

Remit to: TransCore Holdings, Inc.  
 36120 Treasury Center  
 Chicago, IL 60694-6100

### SUMMARY OF WORK FOR WHICH PAYMENT IS REQUIRED

| Item | Item   | Total Contract Quantity | Unit Contract Amount | Total Contract Amount | Previous Quantity Invoiced | Previous Amount Invoiced | Current Month Quantity | Current Month Amount |
|------|--|-------------------------|----------------------|-----------------------|----------------------------|--------------------------|------------------------|----------------------|
| 1    | VES Camera                                     | 600                     | \$ 1,779.00          | \$ 1,067,400.00       | 603                        | \$ 1,072,737.00          | 0                      | \$ -                 |
| 2    | VES Camera Housing                             | 360                     | \$ 2,226.00          | \$ 801,360.00         | 360                        | \$ 801,360.00            | 0                      | \$ -                 |
| 3    | Camera Junction Box (1 camera/lane)            | 302                     | \$ 3,190.00          | \$ 963,380.00         | 340                        | \$ 1,084,600.00          | 0                      | \$ -                 |
| 4    | Camera Junction Box (3 camera/lane)            | 93                      | \$ 3,945.00          | \$ 366,885.00         | 95                         | \$ 374,775.00            | 0                      | \$ -                 |
| 5    | a. LED Illuminator                             | 500                     | \$ 2,919.00          | \$ 1,459,500.00       | 500                        | \$ 1,459,500.00          | 0                      | \$ -                 |
|      | b. No Charge LED Illuminator                   |                         | \$ -                 | \$ -                  | 39                         | \$ -                     | 0                      | \$ -                 |
| 6    | a. LED Illuminator Bracket                     | 500                     | \$ 130.00            | \$ 65,000.00          | 500                        | \$ 65,000.00             | 0                      | \$ -                 |
|      | b. No Charge LED Illuminator Bracket           |                         | \$ -                 | \$ -                  | 39                         | \$ -                     | 0                      | \$ -                 |
| 7    | LED Illuminator Junction Box                   |                         | \$ 1,744.00          | \$ -                  | 0                          | \$ -                     | 0                      | \$ -                 |
| 8    | VES Controller (1-4 cameras)                   | 40                      | \$ 8,354.00          | \$ 334,160.00         | 57                         | \$ 476,178.00            | 0                      | \$ -                 |
| 9    | VES Controller (1-8 cameras)                   | 65                      | \$ 9,101.00          | \$ 591,565.00         | 81                         | \$ 737,181.00            | 3                      | \$ 27,303.00         |
| 10   | Plaza Image Computer                           | 1                       | \$ 9,677.00          | \$ 9,677.00           | 7                          | \$ 67,739.00             | 0                      | \$ -                 |
| 11   | a. OCR System Hardware                         | 12                      | \$ 6,894.00          | \$ 82,728.00          | 8                          | \$ 55,152.00             | 0                      | \$ -                 |
|      | b. OCR System Software License                 | 11                      | \$ 4,080.00          | \$ 44,880.00          | 8                          | \$ 32,640.00             | 0                      | \$ -                 |
| 12   | OCR Tuning                                     | 0                       | \$ 30,936.00         | \$ -                  | 0                          | \$ -                     | 0                      | \$ -                 |
| 13   | Initial Commissioning and Testing              | 0                       | \$ 12,410.02         | \$ -                  | 0                          | \$ -                     | 0                      | \$ -                 |
|      | <b>Subtotal - Materials</b>                    |                         |                      | \$ 5,786,535.00       | 2637                       | \$ 8,334,862.00          | 3                      | \$ 27,303.00         |
| 14   | Mainline Lane Installation (Labor + Materials) | 0                       | \$ 9,615.00          | \$ -                  | 7                          | \$ 67,506.00             | 0                      | \$ -                 |
| 15   | Other Lane Installation (Labor + Materials)    | 390                     | \$ 22,749.00         | \$ 8,872,110.00       | 100                        | \$ 2,274,500.00          | 0                      | \$ -                 |
| 16   | Single Lane/Ramp Closure - TransCore Work      |                         | \$ 1,117.73          | \$ -                  | 183                        | \$ 204,544.89            | 0                      | \$ -                 |
| 17   | Two-Lane Closure - TransCore Work              |                         | \$ 1,309.89          | \$ -                  | 36                         | \$ 47,156.04             | 0                      | \$ -                 |
| 18   | Single Lane/Ramp Closure - Others Work         |                         | \$ 1,775.00          | \$ -                  |                            | \$ -                     | 0                      | \$ -                 |
| 19   | Two-Lane Closure - Others Work                 |                         | \$ 2,125.55          | \$ -                  |                            | \$ -                     | 0                      | \$ -                 |
| 20   | Public Notification - Week                     |                         | \$ 675.00            | \$ -                  |                            | \$ -                     | 0                      | \$ -                 |
|      | <b>Subtotal - Labor</b>                        |                         |                      | \$ 8,872,110.00       |                            | \$ 8,872,110.00          |                        | \$ -                 |

|                              |                 |                               |                  |
|------------------------------|-----------------|-------------------------------|------------------|
| Submitted By: <u>Rou Ban</u> | Date: 1/12/2011 | Current Invoice Amount        | \$ 27,303.00     |
| TransCore                    |                 | Total Amount Invoiced to Date | \$ 8,848,070.63  |
|                              |                 | Contract Amount               | \$ 14,658,645.00 |
|                              |                 | Amount Remaining              | \$ 5,810,574.37  |

THIS IS A REPARMENT - NOT A NEW ORDER

19:05 11 JAN 19 PM '11  
 HCTRA

1/12/11  
 1/12/11  
 2012 JAN 31 AM 9:32  
 COUNTY AUDITOR  
 TEXAS



|  |      |     |               |                 |
|--|------|-----|---------------|-----------------|
| 1. VES Camera                                      | Each | 400 | \$ 1,779.00   | \$ 711,600.00   |
| 2. VES Camera Housing                              | Each | 120 | \$ 2,226.00   | \$ 267,120.00   |
| 3. Camera Junction Box (1 camera/lane)             | Each | 55  | \$ 3,190.00   | \$ 175,450.00   |
| 4. Camera Junction Box (3 cameras/lane)            | Each | 25  | \$ 3,945.00   | \$ 98,625.00    |
| 5. LED Illuminator                                 | Each | 300 | \$ 2,919.00   | \$ 875,700.00   |
| 5a. LED Illuminator                                | Each | 25  | \$ 0.00       | \$ 0.00         |
| 6. LED Illuminator bracket                         | Each | 300 | \$ 130.00     | \$ 39,000.00    |
| 6a. LED Illuminator bracket                        | Each | 25  | \$ 0.00       | \$ 0.00         |
| 7. LED Illuminator Junction Box                    | Each | 200 | \$ 1,744.00   | \$ 348,800.00   |
| 8. VES Controller (1-4 cameras)                    | Each | 50  | \$ 8,354.00   | \$ 417,700.00   |
| 9. VES Controller (1-8 cameras)                    | Each | 60  | \$ 9,101.00   | \$ 546,060.00   |
| 10. Plaza Image Computer                           | Each | 25  | \$ 9,677.00   | \$ 241,925.00   |
| 11. OCR System - Hardware                          | Each | 70  | \$ 6,894.00   | \$ 482,580.00   |
| OCR System - Software License                      | Each | 70  | \$ 4,080.00   | \$ 285,600.00   |
| 12. Ongoing Annual OCR Tuning (after acceptance)   | Each | 3   | \$ 30,936.00  | \$ 92,808.00    |
| 13. Initial Commissioning and Test                 | Each | 1   | \$ 12,410.02  | \$ 12,410.02    |
| SUBTOTAL - MATERIALS                               |      |     |               | \$ 4,595,378.02 |
| 14. Mainline Lane Installation (Labor + Materials) | Each | 92  | \$ 9,615.00   | \$ 884,580.00   |
| 15. 'Other' Lane Installation (Labor + Materials)  | Each | 124 | \$ 22,749.00  | \$ 2,820,876.00 |
| SUBTOTAL - LABOR                                   |      |     |               | \$ 3,705,456.00 |
| 16. Annual VES Maintenance (Cameras 1 - 80)        | LS   | 1   | \$ 140,000.00 | \$ 140,000.00   |
| 17. Annual VES Maintenance (Cameras 81 - 160)      | LS   | 1   | \$ 140,000.00 | \$ 140,000.00   |
| 18. Annual VES Maintenance (Cameras 161 - 240)     | LS   | 1   | \$ 140,000.00 | \$ 140,000.00   |
| 19. Annual VES Maintenance (Cameras 241 - 320)     | LS   | 1   | \$ 140,000.00 | \$ 140,000.00   |
| 20. Annual VES Maintenance (Cameras 321 - 400)     | LS   | 1   | \$ 140,000.00 | \$ 140,000.00   |
| SUBTOTAL - MAINTENANCE                             |      |     |               | \$ 700,000.00   |
| TOTAL  |      |     |               | \$ 9,000,834.02 |

Equipment warranty is for one year.

Equipment can be delivered within 90 days upon receipt of release request for the associated purchase order resulting from this RFP.

RECEIVING FORM

TRAMP JAN12'11 PM 12.53

Date: 01/07/11 PLEASE SPILT PAY THIS INVOICE ON 2 DIFFERENT PO'S

Section/Person Responsible for PO: Facilities-Maintenance/Felita Fischer

P149763--PAY--\$13,282.05 &

Purchase Order #: P156924--PAY \$45,051.28

Approved [Signature]

Vendor Name: Transcore

Date 1/24/11

Invoice #: 10-07647

Batch AL121CKO

Invoice Amount: \$58,333.33

CC Date \_\_\_\_\_

Description: VES MAINTENANCE FROM 12/01/10-12/31/10

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ORG KEY: \_\_\_\_\_ OBJ: \_\_\_\_\_

P149763--\$0.00

P.O. BALANCE: P156924--\$6,832,198.44

Approved for Payment

[Signature: Lisa Castore]

1/12/11

Authorized Signature

Date

[Signature]  
1/11

Section Approval

(CF)

Revised 10/2/06



## HCTRA Monthly VES Maintenance Report - DEC10

| Date                         | Location          | Lane              | Service Performed  | Original Equipment Install Date |
|------------------------------|-------------------|-------------------|--|---------------------------------|
| Wednesday, December 01, 2010 | ALL               | ALL               | Reviewed ATTLAS image report   |                                 |
| Wednesday, December 01, 2010 | ALL               | ALL               | Completed morning image checks of all lanes  |                                 |
| Wednesday, December 01, 2010 | ALL               | ALL               | Continued review of bad OCR data   |                                 |
| Wednesday, December 01, 2010 | ALL               | ALL               | Worked on bench testing removed VES computers/LEDs and preparing them to return to service   |                                 |
| Wednesday, December 01, 2010 | Airport Connector | ELPAC             | Comm. Issues on 3 of 6 lanes, updated comm. board driver and confirmed proper operation.   |                                 |
| Wednesday, December 01, 2010 | Richey Rd Ent     | 50                | Comm. issues, restarted system and confirmed proper operation  |                                 |
| Wednesday, December 01, 2010 | NEBW8 Work        | Winfield Ent/Exit | Install ELPAC and NRT systems  |                                 |
| Wednesday, December 01, 2010 | Sam Central       | ELPAC0304         | Received NAGIOS that this system was down, went to site and found ELPAC locked up, rebooted and confirmed proper operation.  |                                 |
| Wednesday, December 01, 2010 | ALL               | ALL               | Completed afternoon image checks of all lanes  |                                 |
| Thursday, December 02, 2010  | ALL               | ALL               | Reviewed ATTLAS image report   |                                 |
| Thursday, December 02, 2010  | ALL               | ALL               | Completed morning image checks of all lanes  |                                 |
| Thursday, December 02, 2010  | ALL               | ALL               | Continued review of bad OCR data   |                                 |
| Thursday, December 02, 2010  | ALL               | ALL               | Worked on bench testing removed VES computers/LEDs and preparing them to return to service   |                                 |
| Thursday, December 02, 2010  | Test Track        | 1                 | Reconfigure MB lane fore testing and complete setup  |                                 |
| Thursday, December 02, 2010  | Test Track        | ALL               | Assist HCTRA with testing as requested   |                                 |
| Thursday, December 02, 2010  | Richey Rd Ent     | 51                | Comm. issues, updated driver for comm. board and restarted system. Confirmed proper operation  |                                 |
| Thursday, December 02, 2010  | ALL               | ALL               | Completed afternoon image checks of all lanes  |                                 |
| Friday, December 03, 2010    | ALL               | ALL               | Reviewed ATTLAS image report   |                                 |
| Friday, December 03, 2010    | ALL               | ALL               | Completed morning image checks of all lanes  |                                 |
| Friday, December 03, 2010    | ALL               | ALL               | Continued review of bad OCR data   |                                 |
| Friday, December 03, 2010    | Richey Rd Ent     | 51                | Comm. issues, went to site and moved comm. to a different port on the ELPAC, confirmed proper operation  |                                 |
| Friday, December 03, 2010    | Rankin Rd Ent     | NRT               | Finalize configuration and add system to the HCTRA domain, network cabling still required  |                                 |
| Friday, December 03, 2010    | Hardy Tidwell Ent | NRT               | Finalize configuration and add system to the HCTRA domain, network cabling still required  |                                 |
| Friday, December 03, 2010    | Wayside Exit      | NRT               | Finalize configuration and add system to the HCTRA domain, network cabling still required  |                                 |
| Friday, December 03, 2010    | Telephone Rd Exit | NRT               | Finalize configuration and add system to the HCTRA domain, network cabling still required  |                                 |
| Friday, December 03, 2010    | ALL               | ALL               | Completed afternoon image checks of all lanes  |                                 |
| Saturday, December 04, 2010  | ALL               | ALL               | Reviewed ATTLAS image report   |                                 |
| Sunday, December 05, 2010    | ALL               | ALL               | Reviewed ATTLAS image report   |                                 |
| Sunday, December 05, 2010    | West Rd. Exit     | ALL               | Network and Lane Controller failure due to UPS issues, went to site and confirmed ELPAC working and rebooted lane controller at LCA request after powering on UPS. Confirmed proper operation. |                                 |
| Monday, December 06, 2010    | ALL               | ALL               | Reviewed ATTLAS image report   |                                 |
| Monday, December 06, 2010    | ALL               | ALL               | Completed morning image checks of all lanes  |                                 |
| Monday, December 06, 2010    | ALL               | ALL               | Continued review of bad OCR data   |                                 |
| Monday, December 06, 2010    | ALL               | ALL               | Worked on bench testing removed VES computers/LEDs and preparing them to return to service   |                                 |
| Monday, December 06, 2010    | Little York Exit  | NRT               | Connectivity problems to NRT, re-terminated CAT5 and confirmed proper operation  |                                 |
| Monday, December 06, 2010    | NEBW8 Work        | Winfield Ent/Exit | Troubleshoot comm. issues and finish cabling and configuration   |                                 |
| Monday, December 06, 2010    | ALL               | ALL               | Completed afternoon image checks of all lanes  |                                 |
| Tuesday, December 07, 2010   | ALL               | ALL               | Reviewed ATTLAS image report   |                                 |
| Tuesday, December 07, 2010   | ALL               | ALL               | Completed morning image checks of all lanes  |                                 |
| Tuesday, December 07, 2010   | ALL               | ALL               | Continued review of bad OCR data   |                                 |
| Tuesday, December 07, 2010   | ALL               | ALL               | Worked on bench testing removed VES computers/LEDs and preparing them to return to service   |                                 |
| Tuesday, December 07, 2010   | ALL               | FB & WPE          | Check for lamps out at Fort Bend Parkway and Westpark Extension (Fort Bend)  |                                 |
| Tuesday, December 07, 2010   | Telephone Rd Exit | ALL               | UPS powered off, went to site and replaced UPS and confirmed proper operation  |                                 |
| Tuesday, December 07, 2010   | ALL               | NRT               | Restart all NRT systems in order to unlock .bxt files so they could be updated   |                                 |
| Tuesday, December 07, 2010   | NEBW8 Work        | Wilson Rd. Ent    | Unable to connect remotely, went to site and found network cable had been moved to another system. Recabled and confirmed proper operation   |                                 |
| Tuesday, December 07, 2010   | NEBW8 Work        | West Lake Houston | This site is still not on the network, confirmed and confirmed with LCA that ATT ticket has been created.  |                                 |
| Tuesday, December 07, 2010   | NEBW8 Work        | Winfield Ent      | Confirmed that this location is on the network and systems are able to see network resources   |                                 |
| Tuesday, December 07, 2010   | FM 1960 Exit      | ALL               | Comm. issue with lanes at this location, switched ports on the ELPAC and confirmed proper operation.   |                                 |



|                              |                       |                     |   |
|------------------------------|-----------------------|---------------------|---|
| Tuesday, December 07, 2010   | ALL                   | ALL                 | Completed afternoon image checks of all lanes   |
| Wednesday, December 08, 2010 | ALL                   | ALL                 | Reviewed ATTLAS image report  |
| Wednesday, December 08, 2010 | ALL                   | ALL                 | Completed morning image checks of all lanes   |
| Wednesday, December 08, 2010 | ALL                   | ALL                 | Continued review of bad OCR data  |
| Wednesday, December 08, 2010 | FM 1960 Exit          | 30                  | Video issue found during image checks, went to site and swapped ground isolation transformer and verified proper operation.   |
| Wednesday, December 08, 2010 | NEBW8 Work            | Garrett Rd Ent/Exit | Added all VES equipment to the HCTRA domain and confirmed operation   |
| Wednesday, December 08, 2010 | I-10 TP3              | ELPAC2              | Unable to connect remotely, went to site and found system locked up, rebooted and confirmed proper operation.   |
| Wednesday, December 08, 2010 | ALL                   | ALL                 | Completed afternoon image checks of all lanes   |
| Thursday, December 09, 2010  | ALL                   | ALL                 | Reviewed ATTLAS image report  |
| Thursday, December 09, 2010  | ALL                   | ALL                 | Completed morning image checks of all lanes   |
| Thursday, December 09, 2010  | ALL                   | ALL                 | Continued review of bad OCR data  |
| Thursday, December 09, 2010  | Moore East            | ALL                 | Received NAGIOS that this system was down, went to site and found VESC powered off, powered system on several times in order to get it to stay on. Will replace if it fails again |
| Thursday, December 09, 2010  | Aldine Mail Route Ent | ALL                 | Power failure at this location, MT was onsite and had power restored prior to TransCore arrival.  |
| Thursday, December 09, 2010  | I-10 TP1              | ELPAC1              | System getting hung at the HCTRA security screen when attempting to autologon. HCTRA IT found that the computer object was in the incorrect OU, confirmed proper operation.       |
| Thursday, December 09, 2010  | NEBW8 Work            | ALL                 | Add remaining ramp VES systems to the domain, NRTs and 1 ELPAC. Confirmed proper operation.   |
| Thursday, December 09, 2010  | ALL                   | ALL                 | Completed afternoon image checks of all lanes   |
| Friday, December 10, 2010    | ALL                   | ALL                 | Reviewed ATTLAS image report  |
| Friday, December 10, 2010    | ALL                   | ALL                 | Completed morning image checks of all lanes   |
| Friday, December 10, 2010    | ALL                   | ALL                 | Continued review of bad OCR data  |
| Friday, December 10, 2010    | ALL                   | ALL                 | Worked on bench testing removed VES computers/LEDs and preparing them to return to service  |
| Friday, December 10, 2010    | ALL                   | ALL                 | Completed afternoon image checks of all lanes   |
| Saturday, December 11, 2010  | ALL                   | ALL                 | Reviewed ATTLAS image report  |
| Sunday, December 12, 2010    | ALL                   | ALL                 | Reviewed ATTLAS image report  |
| Sunday, December 12, 2010    | Telephone Rd Exit     | ALL                 | UPS powered off, went to site and powered UPS back on and confirmed proper operation  |
| Monday, December 13, 2010    | ALL                   | ALL                 | Reviewed ATTLAS image report  |
| Monday, December 13, 2010    | ALL                   | ALL                 | Completed morning image checks of all lanes   |
| Monday, December 13, 2010    | ALL                   | ALL                 | Continued review of bad OCR data  |
| Monday, December 13, 2010    | ALL                   | NRT                 | Restart all NRT systems in order to unlock .txt files so they could be updated  |
| Monday, December 13, 2010    | Moore East            | ALL                 | Received NAGIOS alert that this VESC was down again, went to site and replaced VESC with ELPAC and confirmed proper operation.  |
| Monday, December 13, 2010    | Telephone Rd Exit     | ALL                 | Performed PM work on all VES computers to clean them up and prevent possible over heating   |
| Monday, December 13, 2010    | Alameda Exit          | ALL                 | Video and Comm. issues found during morning image checks, went to site and swapped comm. ports on ELPAC and swapped ground isolation transformer. Verified proper operation.      |
| Monday, December 13, 2010    | Bellaire Ent          | ALL                 | Network issues confirmed by LCA, verified proper operation when the network was back online.  |
| Monday, December 13, 2010    | ALL                   | ALL                 | Completed afternoon image checks of all lanes   |
| Tuesday, December 14, 2010   | ALL                   | ALL                 | Reviewed ATTLAS image report  |
| Tuesday, December 14, 2010   | ALL                   | ALL                 | Completed morning image checks of all lanes   |
| Tuesday, December 14, 2010   | ALL                   | ALL                 | Continued review of bad OCR data  |
| Tuesday, December 14, 2010   | Telephone Rd Exit     | ALL                 | Replaced UPS with new UPS instead of RMA UPS and confirmed proper operation. Troubleshoot and resolve comm. issues after ELPAC booted up.   |
| Tuesday, December 14, 2010   | Ship Channel Bridge   | ELPAC2              | All channels video out, found UPS failed in the tunnel. HCTRA MT to replace UPS. Confirmed proper operation after UPS replacement   |
| Tuesday, December 14, 2010   | Ship Channel Bridge   | ELPAC3              | Some channels showing video out, found UPS failed in the tunnel. HCTRA MT to replace UPS. Confirmed proper operation after UPS replacement.                                       |
| Tuesday, December 14, 2010   | Alameda Exit          | Ch4                 | Video channel 4 showing video out, restarted VES software and confirmed proper operation.   |
| Tuesday, December 14, 2010   | ALL                   | ALL                 | Completed afternoon image checks of all lanes   |
| Wednesday, December 15, 2010 | ALL                   | ALL                 | Reviewed ATTLAS image report  |
| Wednesday, December 15, 2010 | ALL                   | ALL                 | Completed morning image checks of all lanes   |
| Wednesday, December 15, 2010 | ALL                   | ALL                 | Continued review of bad OCR data  |
| Wednesday, December 15, 2010 | Moore East            | Ch7                 | Channel 7 randomly goes to video out, replaced digitizer card and verified proper operation.  |
| Wednesday, December 15, 2010 | Alameda Exit          | Ch4                 | Channel 4 was video out again, replaced digitizer card and verified proper operation  |
| Wednesday, December 15, 2010 | Monroe Exit           | ALL                 | Unable to connect remotely, went to site to verify proper operation of VES equipment.   |
| Wednesday, December 15, 2010 | Richey Rd Exit        | ALL                 | Unable to connect remotely, went to site to verify proper operation of VES equipment.   |
| Wednesday, December 15, 2010 | NEBW8 Work            | West Lake Houston   | Verify site is on the network, join VES systems to the HCTRA domain and verify proper operation   |



|                              |                      |                     |  |
|------------------------------|----------------------|---------------------|--|
| Wednesday, December 15, 2010 | Airport Connector    | ALL                 | Comm. issues on 2 lanes, moved to different comm. port on ELPAC and confirmed proper operation.  |
| Wednesday, December 15, 2010 | WPT Boone East       | ALL                 | Corrected autologon issue with ELPAC and confirmed proper operation  |
| Wednesday, December 15, 2010 | Gessner Exit         | ALL                 | Corrected autologon issue with ELPAC and confirmed proper operation  |
| Wednesday, December 15, 2010 | Sam East             | Ch5                 | Intermittent video issue, went to site and replaced BNC connector and ground isolation transformer. Confirmed proper operation             |
| Wednesday, December 15, 2010 | ALL                  | ALL                 | Completed afternoon image checks of all lanes  |
| Thursday, December 16, 2010  | ALL                  | ALL                 | Reviewed ATTLAS image report   |
| Thursday, December 16, 2010  | ALL                  | ALL                 | Completed morning image checks of all lanes  |
| Thursday, December 16, 2010  | ALL                  | ALL                 | Continued review of bad OCR data   |
| Thursday, December 16, 2010  | Sam Southwest        | ALL                 | Unable to connect to PIC remotely, headed to site and system came back up enroute  |
| Thursday, December 16, 2010  | Greens Rd.           | ALL                 | Strange video issue when connected to system remotely, went to site to verify video quality and confirmed proper operation.                |
| Thursday, December 16, 2010  | NEBW8 Work           | Mainline            | Deliver additional AVI equipment to installation teams   |
| Thursday, December 16, 2010  | NEBW8 Work           | Garrett Rd Ent/Exit | Verified that issue with channel 2 is camera, notified installation crew to go back and check the camera and junction box.                 |
| Thursday, December 16, 2010  | Lake Olympia         | ALL                 | Comm. issue found, moved to different comm. port and confirmed proper operation  |
| Thursday, December 16, 2010  | NEBW8 Work           | Mainline            | Configure VES systems for installation at the mainline   |
| Thursday, December 16, 2010  | ALL                  | ALL                 | Completed afternoon image checks of all lanes  |
| Friday, December 17, 2010    | ALL                  | ALL                 | Reviewed ATTLAS image report   |
| Friday, December 17, 2010    | ALL                  | ALL                 | Completed morning image checks of all lanes  |
| Friday, December 17, 2010    | ALL                  | ALL                 | Continued review of bad OCR data   |
| Friday, December 17, 2010    | NEBW8 Work           | Mainline            | Configure VES systems for installation at the mainline   |
| Friday, December 17, 2010    | NEBW8 Work           | NRTs                | Configure NRT systems already installed at ramps   |
| Friday, December 17, 2010    | WPT Fondren Ent      | ALL                 | Nagios alerted that all systems were down, power issue at this location MT enroute to repair, confirmed operation after systems recovered. |
| Friday, December 17, 2010    | WPT Fondren Mainline | ALL                 | Nagios alerted that all systems were down, power issue at this location MT enroute to repair, confirmed operation after systems recovered. |
| Friday, December 17, 2010    | Telephone Rd Exit    | ALL                 | Comm. issue, reinstalled latest driver for comm. board and confirmed proper operation.   |
| Friday, December 17, 2010    | ALL                  | ALL                 | Completed afternoon image checks of all lanes  |
| Saturday, December 18, 2010  | ALL                  | ALL                 | Reviewed ATTLAS image report   |
| Sunday, December 19, 2010    | ALL                  | ALL                 | Reviewed ATTLAS image report   |
| Monday, December 20, 2010    | ALL                  | ALL                 | Reviewed ATTLAS image report   |
| Monday, December 20, 2010    | ALL                  | ALL                 | Completed morning image checks of all lanes  |
| Monday, December 20, 2010    | ALL                  | ALL                 | Continued review of bad OCR data   |
| Monday, December 20, 2010    | NEBW8 Work           | Mainline            | Configure VES systems for installation at the mainline   |
| Monday, December 20, 2010    | Bellaire Ent         | ALL                 | Unable to connect remotely, went to site to verify proper operation of VES equipment.  |
| Monday, December 20, 2010    | WPT Fondren Mainline | ALL                 | Unable to connect remotely, went to site to verify proper operation of VES equipment.  |
| Monday, December 20, 2010    | WPT Fondren Ent      | ALL                 | Unable to connect remotely, went to site to verify proper operation of VES equipment.  |
| Monday, December 20, 2010    | Moore East           | 1                   | Reconfigured video channels to make shoulder lane, channel 7.  |
| Monday, December 20, 2010    | ALL                  | FB & WPE            | Check for lamps out at Fort Bend Parkway and Westpark Extension (Fort Bend)  |
| Monday, December 20, 2010    | ALL                  | ALL                 | Completed afternoon image checks of all lanes  |
| Tuesday, December 21, 2010   | ALL                  | ALL                 | Reviewed ATTLAS image report   |
| Tuesday, December 21, 2010   | ALL                  | ALL                 | Completed morning image checks of all lanes  |
| Tuesday, December 21, 2010   | ALL                  | ALL                 | Continued review of bad OCR data   |
| Tuesday, December 21, 2010   | NEBW8 Work           | Mainline            | Install VES equipment in hub buildings at the mainline   |
| Tuesday, December 21, 2010   | Bellaire Ent         | ALL                 | Unable to connect remotely, went to site to verify proper operation of VES equipment.  |
| Tuesday, December 21, 2010   | Ship Channel Bridge  | ELPAC1              | Unable to get comm on one port, switched to different comm port on ELPAC and confirmed proper operation.                                   |
| Tuesday, December 21, 2010   | Sam Central          | ELPAC1              | Ch7 video out, restarted VES software and confirmed proper operation   |
| Tuesday, December 21, 2010   | ALL                  | ALL                 | Completed afternoon image checks of all lanes  |
| Wednesday, December 22, 2010 | ALL                  | ALL                 | Reviewed ATTLAS image report   |
| Wednesday, December 22, 2010 | ALL                  | ALL                 | Completed morning image checks of all lanes  |
| Wednesday, December 22, 2010 | ALL                  | ALL                 | Continued review of bad OCR data   |
| Wednesday, December 22, 2010 | Lake Olympia         | ALL                 | Replace quartz incandescent lights   |
| Wednesday, December 22, 2010 | McHard               | ALL                 | Replace quartz incandescent lights   |
| Wednesday, December 22, 2010 | NEBW8 Work           | Mainline            | Pull and terminate VES computer related cables   |
| Wednesday, December 22, 2010 | ALL                  | ALL                 | Completed afternoon image checks of all lanes  |
| Thursday, December 23, 2010  | ALL                  | ALL                 | Reviewed ATTLAS image report   |



|                              |               |                    |  |
|------------------------------|---------------|--------------------|--|
| Thursday, December 23, 2010  | ALL           | ALL                | Completed morning image checks of all lanes  |
| Thursday, December 23, 2010  | ALL           | ALL                | Continued review of bad OCR data   |
| Thursday, December 23, 2010  | NEBW8 Work    | Mainline           | Pull and terminate VES computer related cables   |
| Thursday, December 23, 2010  | ALL           | ALL                | Completed afternoon image checks of all lanes  |
| Thursday, December 23, 2010  | Sam North     | PIC                | System alerted down, went to site and found system locked up, rebooted and confirmed proper operation                    |
| Friday, December 24, 2010    | ALL           | ALL                | Reviewed ATTLAS image report   |
| Saturday, December 25, 2010  | ALL           | ALL                | Reviewed ATTLAS image report   |
| Sunday, December 26, 2010    | ALL           | ALL                | Reviewed ATTLAS image report   |
| Sunday, December 28, 2010    | Sam North     | PIC                | System alerted down, went to site and found system locked up, rebooted and confirmed proper operation                    |
| Monday, December 27, 2010    | ALL           | ALL                | Reviewed ATTLAS image report   |
| Monday, December 27, 2010    | ALL           | ALL                | Completed morning image checks of all lanes  |
| Monday, December 27, 2010    | ALL           | ALL                | Continued review of bad OCR data   |
| Monday, December 27, 2010    | NEBW8 Work    | Mainline           | Pull and terminate VES computer related cables   |
| Monday, December 27, 2010    | Sam Southwest | 5                  | Center camera has intermittent video problem, setup emergency lane closure to complete repair.                           |
| Monday, December 27, 2010    | Sam North     | PIC                | Replaced PIC after repetitive lockups over the Christmas holiday. Will bench test and repair removed PIC.                |
| Monday, December 27, 2010    | ALL           | ALL                | Completed afternoon image checks of all lanes  |
| Tuesday, December 28, 2010   | ALL           | ALL                | Reviewed ATTLAS image report   |
| Tuesday, December 28, 2010   | ALL           | ALL                | Completed morning image checks of all lanes  |
| Tuesday, December 28, 2010   | ALL           | ALL                | Continued review of bad OCR data   |
| Tuesday, December 28, 2010   | Sam North     | PIC                | Disconnected network drive, remapped drive and 500+ transactions are now processing.                                     |
| Tuesday, December 28, 2010   | Sam Southwest | ELPAC1             | Two channels with bad video quality, went to site and replaced ground isolation transformers, confirmed proper operation |
| Tuesday, December 28, 2010   | NEBW8 Work    | Mainline           | Pull and terminate VES computer related cables   |
| Tuesday, December 28, 2010   | ALL           | ALL                | Uninstall VNC from all VES computers   |
| Tuesday, December 28, 2010   | ALL           | ALL                | Completed afternoon image checks of all lanes  |
| Wednesday, December 29, 2010 | ALL           | ALL                | Reviewed ATTLAS image report   |
| Wednesday, December 29, 2010 | ALL           | ALL                | Completed morning image checks of all lanes  |
| Wednesday, December 29, 2010 | ALL           | ALL                | Continued review of bad OCR data   |
| Wednesday, December 29, 2010 | Sam Southwest | 5,6                | Replaced ELPAC due to intermittent restarts. Confirmed proper operation  |
| Wednesday, December 29, 2010 | Hardy North   | 5,6                | Replaced ELPAC due to lightning storm damage, confirmed proper operation   |
| Wednesday, December 29, 2010 | Hardy North   | 7,8                | Replaced ELPAC due to lightning storm damage, confirmed proper operation   |
| Wednesday, December 29, 2010 | Hardy North   | 1,2,3,4,9,10,11,12 | Replaced ELPAC due to lightning storm damage, confirmed proper operation   |
| Wednesday, December 29, 2010 | ALL           | ALL                | Completed afternoon image checks of all lanes  |
| Thursday, December 30, 2010  | ALL           | ALL                | Reviewed ATTLAS image report   |
| Thursday, December 30, 2010  | ALL           | ALL                | Completed morning image checks of all lanes  |
| Thursday, December 30, 2010  | ALL           | ALL                | Continued review of bad OCR data   |
| Thursday, December 30, 2010  | McHard        | 1                  | Issue with comm. went to site and swapped comm ports on the ELPAC and confirmed proper operation                         |
| Thursday, December 30, 2010  | Hardy North   | ALL                | Finished configuration and joining new ELPACs to the HCTRA domain.   |
| Thursday, December 30, 2010  | Hardy North   | 1,10,12            | Finished troubleshooting and fixing comm issues with these lanes and confirmed proper operation.                         |
| Thursday, December 30, 2010  | Sam Southwest | 5                  | Replaced camera, checked remotely to confirm proper operation.   |
| Thursday, December 30, 2010  | Sam Southeast | 8                  | Video out, restarted VES software and confirmed proper operation   |
| Thursday, December 30, 2010  | ALL           | ALL                | Completed afternoon image checks of all lanes  |
| Saturday, December 31, 2011  | ALL           | ALL                | Reviewed ATTLAS image report   |

### Equipment Repairs

| Equipment       | Serial Number | Problem                 | Resolution                                       |
|-----------------|---------------|-------------------------|--|
| LED Illuminator | 00882M        | All LEDs will not light | Controller board replaced and multiple LED banks |
| LED Illuminator | 00739M        | All LEDs will not light | Optics had fallen off LED banks, re-glued optics |
| LED Illuminator | 0159          | All LEDs will not light | Controller board replaced                        |