## CENTRAL FLORIDA EXPRESSWAY AUTHORITY

#### **MEMORANDUM**

TO:

Authority Board Members

FROM:

Claude Miller Mulle Mulle

Director of Procurement

DATE:

June 23, 2015

RE:

Approval of Supplemental Agreement No. 15-02

TransCore, L.P., for S.R. 528 Airport Replacement Ramp Plazas

System Hardware Maintenance (SHM-01)

Contract No. 000178

The referenced contract with TransCore includes a provision requiring TransCore to provide support to the Authority to install and maintain new equipment as toll lanes and collection points are added to the system.

Board approval is requested for Supplemental Agreement No. 15-02 to the referenced Contract in the not-to-exceed amount of \$1,536,887.12 based on a quote from TransCore that has been reviewed by staff and is recommended for approval. Under the supplemental agreement TransCore will furnish and install toll equipment for the new ramp toll plazas on S.R. 528 as part of Project No. 528-405.

Renewal Contract Amount:	\$5,947,862.57
Supplemental Agreement No. 14-01	\$ 635,706.00 Boggy Creek Ramp Toll Plazas
S.A. No. 14-01, Amendment No. 1	\$ (161,701.83) Credit for Work Not Required
S.A. No. 14-02	\$ 524,543.44 Schofield Road Ramp Toll Plazas
S.A. No. 14-02, Amendment No. 1	\$ (113,617.10) Credit for Work Not Required
S.A. No. 15-01	\$4,496,000.00 Allegro Transponder Replacement
This S.A. No. 15-02	<u>\$1,536,887.12</u>
New Contract Amount:	\$12,865,680.20

### CFX PROJECT NO. SHM-01 SYSTEMS HARDWARE MAINTENANCE

#### **SUPPLEMENTAL AGREEMENT NO. 15-02**

This Supplemental Agreement No. 15-02 ("Supplemental Agreement") is entered into this 9<sup>th</sup> day of July, 2015, by and between the Central Florida Expressway Authority ("Authority") and TransCore, L.P. ("Contractor").

#### WITNESSETH:

WHEREAS, the Authority and the Contractor on July 22, 2004, entered into an agreement ("Base Contract") whereby the Authority retained the Contractor to provide maintenance services for the toll collection system hardware designed by the Authority as Project No. SHM-01; and

WHEREAS, the Authority and the Contractor on July 1, 2009, renewed the Base Contract for an additional two year period through July 21, 2011; and,

WHEREAS, the Authority and the Contractor on April 1, 2011, renewed the Base Contract for an additional two year period through July 21, 2013; and,

WHEREAS, the Authority and the Contractor on April 24, 2013, renewed the Base Contract for an additional two year period through July 21, 2015; and,

WHEREAS, the Authority and the Contractor on March 12, 2015, renewed the Base Contract for an additional two year period through July 21, 2017; and,

WHEREAS, the Authority has determined it necessary for the Contractor to furnish and install toll equipment at the new ramp toll plazas on S.R. 528 constructed as part of Project No. 528-405.

NOW, THEREFORE, for and in consideration of the mutual benefits to flow each to the other, the parties agree that the Contractor shall install the new toll equipment. Work shall be performed in accordance with the attached Exhibit A, Scope of Services. The total cost shall not exceed \$1,536,887.12, as detailed in the attached Exhibit B, Fee Proposal, which shall make a total maximum compensation to the Contractor, including previously approved amendments, of \$12,865,680.20 for all materials and services required under the renewal as supplemented hereby.

All provisions of the Base Contract renewal shall remain in full force and effect, the same as if they had been set forth herein. In the event of a conflict between the provisions of this Supplemental Agreement and of the renewal, and any supplements made previously thereto, the provisions of this Supplemental Agreement shall take precedence.

IN WITNESS THEREOF, the parties hereto have caused these presents to be executed, in triplicate, on the day and year first written above.

## CENTRAL FLORIDA EXPRESSWAY AUTHORITY

	By:
	By: Director of Procurement
	Approved as to form and execution, only
	By: General Counsel
	General Counsel
	TRANSCORE, L.P.
	TRANSCORE, E.I.
	By:
	Print Name:
Attest:	Title:
Title:	

### CFX PROJECT NO. SHM-01 CONTRACT NO. 000178 SUPPLEMENTAL AGREEMENT NO. 15-02

### EXHIBIT A SCOPE OF WORK

#### I. General

The Authority wishes to modify the existing Contract to include the installation of new toll equipment on S.R. 528 as part of Project No. 528-405. A detailed breakdown of costs for each item is included in Exhibit B.

#### II. Conditions

The Contractor shall identify and bring to the Authority's attention in writing any unique field conditions, different configurations, etc. not otherwise mentioned in this Supplemental Agreement that will affect the Contractor's work.

#### III. Work Items

The Contractor shall provide all labor and materials required for the installation of toll equipment and violation enforcement system, identified in Exhibit B, at the new ramp plazas on S.R. 528. The Contractor shall install, test and commission all lanes included in this supplemental.

**END OF EXHIBIT A** 

#### EXHIBIT B



2416 Lake Orange Drive, Ste 100 Orlando, FL 32837 407-382-1301 tel 407-382-8914 fax

June 19, 2015

Mr. David Wynne Director of Toll Operations Central Florida Expressway Authority 4974 ORL Tower Road Orlando. FL 32807

Subject: Airport Replacement Ramp Plazas (4)

Rebate Ramps (2)
Relocate ACM (4)
Vaults (100)
Airport Plaza Equipment Recovery

Dear Mr. Wynne:

TransCore is pleased to provide quotes for new Legacy Toll Collection Equipment procurement, installation, testing, commissioning and for Airport Plaza equipment recovery. See attachments.

Quote - 2 lane ramp plazas located on the 528 Beachline:

- \*528 Boggy EB 2 lanes On ramp plaza
- \*528 McCoy WB 2 lanes Off ramp plaza
- \*528 Tradeport EB 2 lanes On ramp plaza
- \*528 Conway WB 2 lanes Off ramp plaza

Quote - 1 lane rebate ramp plazas located on the 528 Beachline:

- \*528 McCoy Rebate 1 lane On ramp plaza
- \*528 Jetport Rebate 1 lane Off ramp plaza

#### Installation Schedule

- \*Each 2 lane ramp is an approximate 5 week effort to complete.
- \*Each 1 lane rebate ramp is an approximate 4 week effort to complete.

The installation schedule can vary based on any construction contractor constraints or delays. Actual toll equipment installation schedule will be developed with input from construction contractor.

Quote - Airport equipment recovery.

The pricing quote is valid for sixty (60) days from the date of quote.

All work performed in accordance with maintenance contract 178 (SHM0-1)

Should you have any questions, please contact me at (321) 281-4050 or email bob.davis@transcore.com.

Sincerely, Robert A. Davis Project Manager TransCore



### **EXHIBIT B**

Airport Plaza Equipment Recovery	\$ 11,268.70
528 Boggy 2 Lane EB On Ramp Legacy Equipment	\$ 288,308.13
528 Tradeport 2 Lane EB On Ramp Legacy Equipment	\$ 288,308.13
528 Jetport Rebate EB 1 Lane Off Ramp Legacy Equipment	\$ 186,192.95
528 Conway 2 Lane WB Off Ramp Legacy Equipment	\$ 288,308.13
528 McCoy 2 Lane WB Off Ramp Legacy Equipment	\$ 288,308.13
528 McCoy Rebate WB 1 Lane On Ramp Legacy Equipment	\$ 186,192.95
	\$1,536,887.12

ITEM	Quote - Airport Plaza Equipment Recovery				T	and the second designation for the second se
NO.	DESCRIPTION				Qty	
	Recovered Equipment					
1.00	AVI Reader				12	
2.00	Manual Lane Terminal				8	
3.00	ACM complete assembly		·		2	
	LCII Lane Controllers				12	
5.00	Patron Toll Display		1	-	12	
6.00	Traffic Control Signal Assembly and pole				12	
7.00	Receipt Printer				8	
8.00	Light Curtain assembly				12	
	VES system - Camera, flash, P/S, J-Panel				12	
10.00					1	
11.00	2 post server rack				1	
12.00	Lane Server				12	
13.00	Coin Vaults				20	
14.00	Itanium equipment				1	
15.00	Antenna				12	
16.00						-
17.00					Ť	
18.00						
19.00						
20.00						
21.00						
22.00						
	Recovery Labor	Labor hours	Labor rate		·	
	Project Management	8	\$137.15	\$1,097.20	1	\$1,097.20
24.00	Technician (man hours)	125	\$70.74	\$8,842.50	1	\$8,842.50
25.00			1			
26.00						-
27.00						
28.00		T T				•
29.00			1			· · · · · · · · · · · · · · · · · · ·
30.00						
	Support Equipment					
	Box truck	1				\$600.00
41.00	Conex (equipment storage)					\$429.00
42.00	Misc support supplies					\$300.00
					total	\$11,268.70

ITEM	Quote - 528 Boggy 2 Lane EB On Ramp Legacy Equipment	1	The state of the s			Extended
NO.	DESCRIPTION	<del> </del>		Price	Qtv	Price
	EQUIPMENT	<del>                                     </del>		7 1100	Qty	1 1100
1.00	Adjustable Canopy Mount	<del> </del>		\$1,600	1	\$1,600
	AVI H Bracket	<b>-</b>		\$700	2	\$1,400
	AVI Reader	-		\$11,500	2	\$23,000
	Manual Lane Terminal			\$2,295	0	\$0
	ACM complete assembly	· · · · · · · · · · · · · · · · · · ·		\$105,819	Ö	\$0
	LCII Lane Controllers			\$10,500	2	\$21,000
7.00	Patron Toll Displays			\$4,400	2	\$8,800
	Traffic Control Signal Assembly	1		\$1,747	2	\$3,494
	PEEK Axle Counter/Seperator	<u> </u>		\$58,851	0	\$0
	Transcore ORT Solution	1		\$0	0	\$0
11.00	Receipt Printer			\$1,208	0	\$0
12.00	Treadle Frames - 4 insert type	1		\$4,944	0	\$0
	Treadle Inserts			\$1,420	0	\$0
14.00	Light Curtain assembly	1		\$6,132	2	\$12,264
	Magnetic Card Reader	1		\$371	1	\$371
	VES system EN500, LED flash, P/S, J-Panel	<b>†</b>		\$17,042	2	\$34,084
	VES Image Server	1		\$4,925	1	\$4,925
	UPS - Ramp	1		\$6,688	1	\$6,688
	2 post server rack w/4shelves	-		\$545	1	\$545
	Ramp Lane Server			\$4,925	2	\$9,850
	Coin Vaults			\$1,213	25	\$30,325
22.00				Ψ1,210	25	<b>Φ30,323</b>
	INSTALLATION	Labor hours	Labor rate			
30.00	Project Management	77		\$10,253.00	4 1	\$10,560.55
	Mobilization	40	\$70.74		2	
	Mount wire ways, conduit, controller boxes	72	\$70.74	\$5,093.28	2	\$5,659.20
33.00	Pull clean power circuits	24	\$70.74			\$10,186.56
	Pull dirty circuits	24			2	\$3,395.52
	Pull data wire	36	\$70.74		2	\$3,395.52
	Install all in-lane equipment	96	\$70.74 \$70.74	\$2,546.64	2	\$5,093.28
37.00	Terminate clean and dirty power circuits	24	\$70.74	\$6,791.04 \$1,697.76	2	\$13,582.08
	Align, test light curtains	16	\$70.74		2	\$3,395.52
	Test/tune/AVI pattern/read zone	12	\$70.74	\$1,131.84 \$848.88	2	\$2,263.68
	Terminate data wire, fiber, LC, VES, AVI, etc.	96	\$70.74	\$6,791.04	2	\$1,697.76 \$13,582.08
	Run hardware diagnostics	8	\$70.74	\$565.92	2	\$1,131.84
	Lane Software: config file/disk prep.	16	\$96.43	\$1,542.88	2	\$3,085.76
	Run software diagnostics/troubleshoot	16	\$96.43	\$1,542.88	2	\$3,085.76
	Test VES system, align cameras, align flash	24	\$96.43	\$2,314.32	2	\$4,628.64
45.00	PEEK Loop System Tuning	12	\$96.43	\$1,157.16	0	\$0.00
	Commission lane - run/test/debug	16	\$96.43	\$1,542.88	2	\$3,085.76
	Warehouse delivery/support	8	\$70.74	\$565.92	2	\$1,131.84
48 00	Remove reusable in lane equipment	40	\$70.74	\$2,829.60	0	\$0.00
	Refurbish equipment - ACM	4	\$70.74	\$282.96	0	\$0.00
	Civil, conduit, framing, sawcut concrete (loops), etc.	1 7	Ψ10.14	\$920.00	6	\$5,520.00
51.00	Material - conduit, wireway, connectors, cable, etc.			\$6,066.00	2	\$12,132.00
52.00	ACM - assemble/calibrate/test	6	\$70.74	\$424.44	0	\$0.00
	ACM trim plates	1	<del>\$7.0.74</del>	\$2,000.00	1	\$2,000.00
	Additional electrical work in tunnel	1		\$0.00	ö	\$0.00
	Additional electrical material to support 54.00	1		\$0.00	0	\$0.00
	Saw cut gatorhead for light curtain relief	1		\$948.75	0	\$0.00
	Install conrete light curtain pad			\$788.00	2	\$1,576.00
	ACM-uninstall, secure opening, remove tunnel components, transport,			<del>4.00.00</del>		Ψ1,010.00
58.00	prep&paint cabinet, tune the mechanicals, install, move antenna, new	1				
20.00	lane build.	1		\$9,157.18	1	\$9,157.18
	ENGINEERING	<del> </del>		ψο, 107.10	<del>-                                    </del>	ψυ, τυτ. 10
60.00	Host System Software	30	\$131.44	\$3,943.20	1	\$3,943.20
	System integration and test	40	\$131.44	\$5,257.60	1	\$5,257.60
	Drafting and engineering support	20	\$70.74	\$1,414.80	1	\$1,414.80
32.00			ψ/ U.74	Ψ1,=14.00	<del>                                     </del>	Ψ1,717.00
					total	\$288,308.13
tota						<b>4-00,000.10</b>

ITEM	Quote - 528 Tradeport 2 Lane EB On Ramp Legacy Equipment	1				Extended
NO.	DESCRIPTION	-		Price	Qty	Price
	EQUIPMENT	1				
1.00	Adjustable Canopy Mount	1		\$1,600	1	\$1,600
2.00	AVI H Bracket			\$700	2	\$1,400
	AVI Reader			\$11,500	2	\$23,000
	Manual Lane Terminal			\$2,295	0	\$0
	ACM complete assembly			\$105,819	0	\$0
	LCII Lane Controllers			\$10,500	2	\$21,000
	Patron Toll Displays			\$4,400	2	\$8,800
	Traffic Control Signal Assembly			\$1,747	2	\$3,494
	PEEK Axle Counter/Seperator			\$58,851	0	\$0
	Transcore ORT Solution			\$0	0	\$0
	Receipt Printer			\$1,208	0	\$0
	Treadle Frames - 4 insert type	_		\$4,944	0	\$0
	Treadle Inserts	<b>+</b>		\$1,420	0	\$0
	Light Curtain assembly  Magnetic Card Reader			\$6,132	2	\$12,264
	VES system EN500, LED flash, P/S, J-Panel			\$371	1	\$371
	VES Image Server			\$17,042 \$4,925	1	\$34,084
	UPS - Ramp	-		\$6,688	1	\$4,925 \$6,688
	2 post server rack w/4shelves	1		\$545	1	\$545
	Ramp Lane Server	-		\$4,925	2	\$9,850
	Coin Vaults	+		\$1,213	25	\$30,325
22.00		·····		Ψ1,210	-20	Ψ00,020
	INSTALLATION	Labor hours	l abor rate			
30.00	Project Management	77		\$10,253.00	1	\$10,560.55
	Mobilization	40	\$70.74		2	\$5,659.20
	Mount wire ways, conduit, controller boxes	72	\$70.74	\$5,093.28	2	\$10,186.56
	Pull clean power circuits	24	\$70.74	\$1,697.76	2	\$3,395.52
34.00	Pull dirty circuits	24	\$70.74	\$1,697.76	2	\$3,395.52
	Pull data wire	36	\$70.74		2	\$5,093.28
	Install all in-lane equipment	96	\$70.74		2	\$13,582.08
37.00	Terminate clean and dirty power circuits	24	\$70.74	\$1,697.76	2	\$3,395.52
38.00	Align, test light curtains	16	\$70.74	\$1,131.84	2	\$2,263.68
	Test/tune/AVI pattern/read zone	12	\$70.74	\$848.88	2	\$1,697.76
	Terminate data wire, fiber, LC, VES, AVI, etc.	96	\$70.74	\$6,791.04	2	\$13,582.08
	Run hardware diagnostics	8	\$70.74	\$565.92	2	\$1,131.84
	Lane Software: config file/disk prep.	16	\$96.43		2	\$3,085.76
	Run software diagnostics/troubleshoot	16	\$96.43		2	\$3,085.76
44.00	Test VES system, align cameras, align flash	24	\$96.43		2	\$4,628.64
	PEEK Loop System Tuning	12	\$96.43		0	\$0.00
	Commission lane - run/test/debug	16	\$96.43		2	\$3,085.76
	Warehouse delivery/support	8	\$70.74	\$565.92	2	\$1,131.84
	Remove reusable in lane equipment	40	\$70.74		0	\$0.00
	Refurbish equipment - ACM	4	\$70.74	\$282.96	0	\$0.00
	Civil, conduit, framing, sawcut concrete (loops), etc.	-		\$920.00	6	\$5,520.00
	Material - conduit, wireway, connectors, cable, etc.	<del> </del>	670.74	\$6,066.00	2	\$12,132.00
	ACM - assemble/calibrate/test ACM trim plates	6	\$70.74	\$424.44	0	\$0.00
	Additional electrical work in tunnel	<del>                                     </del>		\$2,000.00	1	\$2,000.00
	Additional electrical work in turner Additional electrical material to support 54.00	+		\$0.00 \$0.00	0	\$0.00 \$0.00
	Saw cut gatorhead for light curtain relief			\$948.75	0	\$0.00
	Install conrete light curtain pad	<del></del>		\$788.00	2	\$1,576.00
37.00	ACM-uninstall, secure opening, remove tunnel components, transport,			Ψ, 00.00	-	Ψ1,570.00
58.00	prep&paint cabinet, tune the mechanicals, install, move antenna, new					
30.00	lane build.			\$9,157.18	1	\$9,157.18
	ENGINEERING	1	<del>                                     </del>	Ţ2,.37.7 <b>0</b>	$\vdash$	\$5,.510
60.00	Host System Software	30	\$131.44	\$3,943.20	1	\$3,943.20
	System integration and test	40	\$131.44		1	\$5,257.60
	Drafting and engineering support	20	\$70.74		1	\$1,414.80
		•	•	· · · · · · · · · · · · · · · · · · ·		
					total	\$288,308.13
						THE RESERVE THE PARTY NAMED IN COLUMN TWO IS NOT THE OWNER.

ITEM	Quote - 528 Jetport Rebate EB 1 Lane Off Ramp Legacy Equipment			Constitution of the debuggious plans personal actions and the second		Extended
NO.	DESCRIPTION			Price	Qty	Price
	<u>EQUIPMENT</u>					
1.00	Adjustable Canopy Mount		<u> </u>	\$1,600	0	\$1
	AVI H Bracket			\$700	1	\$70
	AVI Reader			\$11,500	1	\$11,50
	Manual Lane Terminal			\$2,295	o	\$
5.00	ACM complete assembly		T	\$105,819	ō	\$1
6.00	LCII Lane Controllers			\$10,500	1	\$10,50
	Patron Toll Displays	1	·	\$4,400	Ö	\$(
8.00	Traffic Control Signal Assembly			\$1,747	Ö	Si
	PEEK Axle Counter/Seperator	1	<del> </del>	\$58,851	<del></del>	\$58,85
	Transcore ORT Solution			\$200,000	- 6	\$30,03
11.00	Receipt Printer			\$1,208	0	\$
	Treadle Frames - 4 insert type		<del> </del>	\$4,944	- 6	\$
	Treadle Inserts			\$1,420	- 6	\$
14.00	Light Curtain assembly		<del> </del>	\$6,132	- 0	
	Magnetic Card Reader	<b></b>		\$345		\$(
	VES system EN500, LED flash, P/S, J-Panel, Cable, P/S, Sensor	<b> </b>	ļ			\$1
	VES Image Server	<del> </del>		\$17,042	1	\$17,042
	UPS - Ramp			\$4,925	1	\$4,92
	2 post server rack w/4 shelves			\$6,688	1	\$6,68
	Ramp Lane Server			\$545	1	\$54
				\$4,925	1	\$4,92
21.00				ļ		
22.00						
23.00		ļ				
	INOTALLATION	Labor	Labor			
	INSTALLATION	Hours	Rate	1		
	Project Management	77	\$137.15	\$10,253.00	1	\$10,560.5
	Mobilization	40	\$70.74	\$2,829.60	1	\$2,829.6
32.00	Mount wire ways, conduit, controller boxes	72	\$70.74	\$5,093.28	1	\$5,093.2
	Pull clean power circuits	24	\$70.74	\$1,697.76	1	\$1,697.7
	Pull dirty circuits	24	\$70.74	\$1,697.76	1	\$1,697.70
35.00	Pull data wire	36	\$70.74	\$2,546.64	1	\$2,546.6
36.00	Install all in-lane equipment	96	\$70.74	\$6,791.04	1	\$6,791.0
37.00	Terminate clean and dirty power circuits	24	\$70.74	\$1,697.76	1	\$1,697.70
	Align, test light curtains	16	\$70.74	\$1,131.84	1	\$1,131.8
	Test/tune/AVI pattern/read zone	12	\$70.74	\$848.88	1	\$848.8
	Terminate data wire, fiber, LC, VES, AVI, etc.	96	\$70.74	\$6,791.04	1	\$6,791.0
	Run hardware diagnostics	8	\$70.74	\$565.92	<del> </del>	\$565.9
	Lane Software: config file/disk prep.	16	\$96.43	\$1,542.88		\$1,542.8
	Run software diagnostics/troubleshoot	16	\$96.43			
	Test VES system, align cameras, align flash	24	\$96.43	\$1,542.88	1	\$1,542.88 \$2,314.33
	PEEK Loop System Tuning	12		\$2,314.32	- !	
	Commission lane - run/test/debug		\$96.43	\$1,157.16	0	\$0.00
47.00	Warehouse delivery/support	16	\$96.43	\$1,542.88	1	\$1,542.8
	Remove reusable in lane equipment	8	\$70.74	\$565.92	1	\$565.92
		40	\$70.74	\$2,829.60	0	\$0.00
49.00	Refurbish equipment - ACM	30	\$70.74	\$2,122.20	0	\$0.00
	Civil, conduit, framing, sawcut concrete (loops), etc.			\$920.00	3	\$2,760.00
	Material - conduit, wireway, connectors, cable, etc.			\$6,066.00	1	\$6,066.00
	ACM - assemble/calibrate/test	8	\$70.74	\$565.92	0	\$0.0
	ACM trim plates			\$2,000.00	0	\$0.0
	Additional electrical work in tunnel			\$0.00	0	\$0.0
	Additional electrical material to support 54.00			\$0.00	0	\$0.0
	Saw cut gatorhead for light curtain relief			\$948.75	0	\$0.0
57.00	Install concrete light curtain pad			\$788.00	0	\$0.0
	<u>ENGINEERING</u>					
	Host System Software	40	\$131.44	\$5,257.60	1	\$5,257.6
	System integration and test	40	\$131.44	\$5,257.60	1	\$5,257.6
62.00	Drafting and engineering support	20	\$70.74	\$1,414.80	1	\$1,414.80
						. ,

NO.   DESCRIPTION   Price   Cty   Price   Cty   Price   EQUIPMENT   100   Adjustable Canopy Mount   \$1,600   1   \$1,600   2   \$1,400   2.00   AVI   Bracket   \$700   2   \$1,400   2.00   AVI   Bracket   \$11,500   2   \$23,000   4.00   Manual Lane Terminal   \$2,295   0   \$30   \$30   AVI   Complete assembly   \$10,5819   0   \$30   \$30   AVI   Complete assembly   \$10,5819   0   \$30   \$30   AVI   Complete assembly   \$10,5819   0   \$30   \$30   AVI   Complete assembly   \$10,500   2   \$21,000   \$30   AVI   Complete assembly   \$1,747   2   \$3,494   \$30   \$30   AVI   Complete assembly   \$1,747   2   \$3,494   \$30   AVI   Complete assembly   \$1,90   AVI   Complete assembly   \$3,140   AVI   AV	ITEM	Quote - 528 Conway 2 Lane WB Off Ramp Legacy Equipment		apater in the first the second constitution		i T	Extended
EQUIPMENT	NO.			-	Price	Qtv	
2.00   AVI H Bracket		EQUIPMENT				- 7	
2.00   AVI H Bracket	1.00		<del> </del>	<del> </del>	\$1,600	1	\$1,600
3.00 AVI Reader							
4.00   Manual Lane Terminal   \$2,295   0   0   55   55   0   0   55   55			1				
Since   Sinc			· · · · · · · · · · · · · · · · · · ·				
6.00   Cil Lane Controllers			· <del> </del>				
T.O.D   Patron Toll Displays							
8.00   Traffic Control Signal Assembly   \$1,747   2   \$3,399   \$90   FEEK Able CounterSperator   \$58,051   0   \$58,051   0   \$59,00   0   \$100   \$1			<del></del>				
9.00   PEEK Avle Counter/Seperator   \$56,861   0   \$50   0   \$50   0   \$100   Transcore ORT Solution   \$50   0   \$50   0   \$50   11.00   Receipt Printer   \$1,200   Treade Frames - 4 insert type   \$4,944   0   \$30   13.00   Treade Inserts   \$1,400   \$30   13.00   Treade Inserts   \$1,500   \$1			1				
10.00   Transcore ORT Solution			<del> </del>	· · · · · · · · · · · · · · · · · · ·			
11:00   Receipt Printer			<del> </del>				
12.00   Treade Frames - 4 insert type							
13.00   Treadle Inserts			-				
14.00   Light Curtain assembly							
15.00   Magnetic Card Reader			-				
16.00   VES system EN500, LED flash, P/S, J-Panel							
17.00   VES   Image Server							
19.00   DPS - Ramp							
1900   2 post server rack W/4shelves   \$5.55   1   \$5.55     20.00   Ramp Lane Server   \$4,925   2   \$9,850     21.00   Coin Vaulits   \$1,213   25   \$30,355     22.00							\$4,925
20.00   Ramp Lane Server						1	\$6,688
21.00   Coin Vaults							\$545
Association   Commission   Co					\$4,925	2	\$9,850
INSTALLATION					\$1,213	25	\$30,325
30.00   Project Management   77   \$137.15   \$10,253.00   1   \$10,560.55   \$10.00   Mobilization   40   \$70.74   \$2,829.60   2   \$5,659.20   \$2.00   Mount wire ways, conduit, controller boxes   72   \$70.74   \$5,093.28   2   \$10,186.56   \$33.00   Pull clean power circuits   24   \$70.74   \$1,697.76   2   \$3,395.52   \$34.00   Pull clean power circuits   24   \$70.74   \$1,697.76   2   \$3,395.52   \$35.00   Pull data wire   36   \$70.74   \$1,697.76   2   \$3,395.52   \$35.00   Pull data wire   36   \$70.74   \$1,697.76   2   \$3,395.52   \$35.00   Pull data wire   36   \$70.74   \$1,697.76   2   \$5,993.26   \$2   \$5,093.26   \$3.00   Install all in-lane equipment   96   \$70.74   \$1,697.76   2   \$3,395.52   \$3.00   \$3.00   Install all in-lane equipment   96   \$70.74   \$1,697.76   2   \$3,395.52   \$3.00   \$3.00   Install all in-lane equipment   96   \$70.74   \$1,697.76   2   \$3,395.52   \$3.00   \$3.00   Install all in-lane equipment   96   \$70.74   \$1,697.76   2   \$3,395.52   \$3.00   \$3.00   Install all in-lane equipment   96   \$70.74   \$1,697.76   2   \$3,395.52   \$3.00   Install all in-lane equipment   96   \$70.74   \$1,007.76   2   \$3,395.52   \$3.00   Install all in-lane equipment   96   \$70.74   \$1,007.76   2   \$3,395.52   \$3.00   Install all in-lane equipment   96   \$70.74   \$1,007.76   2   \$3,395.76   2   \$	22.00						
30.00   Project Management   77   \$137.15   \$10,263.00   1   \$10,560.55   \$31.00   Mobilization   40   \$70.74   \$2,829.60   2   \$5,659.20   \$31.00   Mount wire ways, conduit, controller boxes   72   \$70.74   \$5,093.28   2   \$10,186.56   \$33.00   Pull clean power circuits   24   \$70.74   \$1,697.76   2   \$3,395.52   \$33.095.25   \$33.00   Pull clean power circuits   24   \$70.74   \$1,697.76   2   \$3,395.52   \$35.00   Pull clean power circuits   24   \$70.74   \$1,697.76   2   \$3,395.52   \$35.00   Pull data wire   36   \$70.74   \$1,697.76   2   \$3,395.52   \$35.00   Pull data wire   36   \$70.74   \$1,697.76   2   \$3,395.52   \$35.00   Pull data wire   36   \$70.74   \$3,6791.04   2   \$13,582.08   \$37.00   Terminate clean and dirty power circuits   24   \$70.74   \$1,697.76   2   \$3,395.52   \$35.00   Pull data wire   36   \$70.74   \$3,677.74   \$3,677.76   2   \$3,395.52   \$35.00   Pull data wire   36   \$70.74   \$3,677.74   \$3,677.76   2   \$3,395.52   \$35.00   Pull data wire   57.00   Pull data wir		INSTALLATION	Labor hours	Labor rate			
31.00   Mobilization   40   \$70.74   \$2,829.60   2   \$5,659.20   32.00   Mount wire ways, conduit, controller boxes   72   \$70.74   \$5,093.28   2   \$10,186.56   33.00   Pull clean power circuits   24   \$70.74   \$1,697.76   2   \$3,395.52   34.00   Pull dirty circuits   24   \$70.74   \$1,697.76   2   \$3,395.52   34.00   Pull dirty circuits   24   \$70.74   \$1,697.76   2   \$3,395.52   35.00   Pull data wire   36   \$70.74   \$1,697.76   2   \$3,395.52   35.00   Pull data wire   36   \$70.74   \$1,697.76   2   \$3,395.52   36.00   Install all in-lane equipment   96   \$70.74   \$1,697.76   2   \$3,395.52   37.00   Terminate clean and dirty power circuits   24   \$70.74   \$1,697.76   2   \$3,395.52   38.00   Align, test light curtains   16   \$70.74   \$1,697.76   2   \$3,395.52   38.00   Align, test light curtains   16   \$70.74   \$1,697.76   2   \$3,395.52   38.00   Align, test light curtains   16   \$70.74   \$1,697.76   2   \$3,395.52   38.00   Align, test light curtains   16   \$70.74   \$1,697.76   2   \$3,395.52   38.00   Align, test light curtains   16   \$70.74   \$1,697.76   2   \$3,395.76   38.00   Align, test light curtains   24   \$70.74   \$86.791.04   2   \$13,562.08   39.00   Test/fune/AVI pattern/read zone   12   \$70.74   \$86.791.04   2   \$13,562.08   39.00   Test/fune/AVI pattern/read zone   12   \$70.74   \$86.592   2   \$1,131.84   42.00   Lane Software: config file/disk prep.   16   \$96.43   \$1,542.88   2   \$3,085.76   44.00   Lane Software: config file/disk prep.   16   \$96.43   \$1,542.88   2   \$3,085.76   44.00   Test VES system, align cameras, align flash   24   \$96.43   \$1,542.88   2   \$3,085.76   44.00   Test VES system, align cameras, align flash   24   \$96.43   \$1,542.88   2   \$3,085.76   44.00   Test VES system, align cameras, align flash   24   \$96.43   \$1,542.88   2   \$3,085.76   44.00   Test VES system, align cameras, align flash   24   \$96.43   \$1,542.88   2   \$3,085.76   44.00   Test VES system, align cameras, align flash   24   \$96.43   \$1,542.88   2   \$3,085.76   44.00   Test VES system, align cameras, align fl	30.00	Project Management			\$10,253,00	1	\$10,560,55
32.00   Mount wire ways, conduit, controller boxes   72   \$70.74   \$5,093.28   2   \$10,186.56   33.00   Pull clean power circuits   24   \$70.74   \$1,697.76   2   \$3,395.52   33.00   Pull clean power circuits   24   \$70.74   \$1,697.76   2   \$3,395.52   35.00   Pull dity circuits   24   \$70.74   \$1,697.76   2   \$3,395.52   35.00   Pull dity circuits   24   \$70.74   \$2,546.64   2   \$5,093.28   35.00   Pull dity circuits   36   \$70.74   \$2,546.64   2   \$5,093.28   35.00   Pull dita wire   36   \$70.74   \$2,546.64   2   \$5,093.28   37.00   Terminate clean and dirty power circuits   24   \$70.74   \$6,791.04   2   \$13,582.08   39.00   Test/tune/AVI pattern/read zone   12   \$70.74   \$1,131.84   2   \$2,263.68   40.00   Terminate clean and dirty power circuits   16   \$70.74   \$1,131.84   2   \$2,263.68   40.00   Terminate clean and dirty power circuits   16   \$70.74   \$1,131.84   2   \$2,263.68   40.00   Terminate clean and dirty power circuits   16   \$70.74   \$1,131.84   2   \$2,263.68   40.00   Terminate clean and dirty power circuits   16   \$70.74   \$1,131.84   2   \$2,263.68   40.00   Terminate clean and dirty power circuits   16   \$70.74   \$1,131.84   2   \$2,263.68   40.00   Terminate clean and dirty power circuits   16   \$70.74   \$1,131.84   2   \$2,263.68   40.00   Terminate clean and dirty power circuits   16   \$70.74   \$1,131.84   2   \$2,263.68   40.00   Terminate clean and dirty power circuits   16   \$70.74   \$1,131.84   2   \$2,263.68   2   \$1,358.20   40.00   Terminate clean and dirty power circuits   16   \$70.74   \$1,697.76   2   \$13,582.08   40.00   Terminate clean and dirty power circuits   16   \$70.74   \$1,697.76   2   \$13,582.08   40.00   \$1,131.84   40.00   Terminate clean and dirty power circuits   40.00   T							
33.00   Pull clean power circuits   24   \$70.74   \$1,697.76   2   \$3,395.52							
34.00   Pull dirty circuits   24   \$70.74   \$1,697.76   2   \$3,395.52			-				
35.00   Pull data wire   36   \$70.74   \$2,546.64   2   \$5,093.28   36.00   Install all in-lane equipment   36   \$70.74   \$6,791.04   2   \$13,582.08   37.00   Ferminate clean and dirty power circuits   24   \$70.74   \$1,697.76   2   \$3,395.52   38.00   Align, test light curtains   16   \$70.74   \$1,131.84   2   \$2,263.68   39.00   Test/tune/AVI pattern/read zone   12   \$70.74   \$848.88   2   \$1,697.76   40.00   Terminate data wire, fiber, LC, VES, AVI, etc.   96   \$70.74   \$6,791.04   2   \$13,582.08   41.00   Run hardware diagnostics   8   \$70.74   \$6,791.04   2   \$13,582.08   41.00   Run hardware diagnostics   8   \$70.74   \$6,791.04   2   \$13,582.08   41.00   Run hardware diagnostics   8   \$70.74   \$6,791.04   2   \$13,582.08   41.00   Run hardware diagnostics/troubleshoot   16   \$96.43   \$1,542.88   2   \$3,085.76   43.00   Run software diagnostics/troubleshoot   16   \$96.43   \$1,542.88   2   \$3,085.76   44.00   Test VES system, align cameras, align flash   24   \$96.43   \$1,157.16   0   \$0.00   46.00   Commission lane - run/test/debug   16   \$96.43   \$1,157.16   0   \$0.00   46.00   Commission lane - run/test/debug   16   \$96.43   \$1,157.16   0   \$0.00   49.00   Refurbish equipment   40   \$70.74   \$2,829.60   0   \$0.00   49.00   Refurbish equipment   40   \$70.74   \$2,829.60   0   \$0.00   49.00   Refurbish equipment   ACM   \$70.74   \$2,829.60   0   \$0.00							
96   \$70.74   \$6,791.04   2   \$13,582.08     37.00   Terminate clean and dirty power circuits   24   \$70.74   \$1,697.76   2   \$3,995.52     38.00   Align, test light curtains   16   \$70.74   \$1,131.84   2   \$2,263.86     39.00   Test/tune/AVI pattern/read zone   12   \$70.74   \$848.88   2   \$1,697.76     40.00   Terminate data wire, fiber, LC, VES, AVI, etc.   96   \$70.74   \$86.791.04   2   \$13,582.08     41.00   Run hardware diagnostics   8   \$70.74   \$865.52   2   \$1,131.84     42.00   Lane Software: config file/disk prep.   16   \$96.43   \$1,542.88   2   \$3,085.76     43.00   Run software diagnostics   8   \$70.74   \$865.52   2   \$1,131.84     42.00   Lane Software: config file/disk prep.   16   \$96.43   \$1,542.88   2   \$3,085.76     43.00   Run software diagnostics/froubleshoot   16   \$96.43   \$1,542.88   2   \$3,085.76     44.00   Test VES system, align cameras, align flash   24   \$96.43   \$2,314.32   2   \$4,628.44     45.00   PEEK Loop System Tuning   12   \$96.43   \$1,157.16   0   \$0.00     46.00   Commission lane - run/test/debug   16   \$96.43   \$1,542.88   2   \$3,085.76     47.00   Warehouse delivery/support   8   \$70.74   \$565.52   2   \$1,131.84     48.00   Remove reusable in lane equipment   40   \$70.74   \$2,829.60   0   \$0.00     49.00   Refurbish equipment - ACM   4   \$70.74   \$2,829.60   0   \$0.00     50.00   Civil, conduit, framing, sawcut concrete (loops), etc.   \$920.00   6   \$5,520.00     50.00   ACM trim plates   1   \$2,000.00   \$0.00     50.00   ACM trim plates   1   \$2,000.00   \$0.00     50.00   ACM trim plates   1   \$9,157.18   1   \$9,157.18     50.00   Prep&paint cabinet, tune the mechanicals, install, move antenna, new lane build.   \$9,157.18   1   \$9,157.18     50.00   Prep&paint cabinet, tune the mechanicals, install, move antenna, new lane build.   \$9,157.18   1   \$9,157.18     50.00   PrepRintrip Golden and etst   40   \$131.44   \$3,943.20   1   \$3,943.20     50.00   PrepRintrip Golden and engineering support   20   \$70.74   \$1,414.80   1   \$1,414.80     50.00   PrepRintrip Golden and en	35.00	Pull data wire					
37.00 Terminate clean and dirty power circuits  38.00 Align, test light curtains  39.00 Testivene/All pattern/read zone  12 \$70.74 \$1,131.84 2 \$2,263.86 39.00 Testivene/All pattern/read zone  12 \$70.74 \$84.88.82 \$1,697.76 40.00 Terminate data wire, fiber, LC, VES, AVI, etc.  96 \$70.74 \$8,791.04 2 \$13,582.08 41.00 Run hardware diagnostics  8 \$70.74 \$565.92 2 \$1,131.84 42.00 Lane Software: config file/disk prep.  16 \$96.43 \$1,542.88 2 \$3,085.76 43.00 Run software diagnostics/troubleshoot  16 \$96.43 \$1,542.88 2 \$3,085.76 44.00 Test VES system, align cameras, align flash  44.00 Test VES system Tuning  12 \$96.43 \$1,157.16 0 \$0.00  46.00 Commission lane - run/test/debug  16 \$96.43 \$1,157.16 0 \$0.00  48.00 Commission lane - run/test/debug  16 \$96.43 \$1,157.16 0 \$0.00  48.00 Remove reusable in lane equipment  49.00 Refurbish equipment - ACM  49.00 Refurbish equipment - ACM  49.00 Refurbish equipment - ACM  50.00 Civil, conduit, framing, sawcut concrete (loops), etc.  51.00 Material - conduit, wireway, connectors, cable, etc.  52.00 ACM - assemble/calibrate/test  6 \$70.74 \$2,289.60 0 \$0.00  53.00 ACM trim plates  1 \$2,000.00 1 \$2,000.00  55.00 Additional electrical work in tunnel  55.00 Additional electrical material to support 54.00  58.00 Drafting and engineering support  60.00 Host System integration and test  60.00 Drafting and engineering support							
38.00   Align, test light curtains   16   \$70.74   \$1,131.84   2   \$2,263.68							
39.00   Test/tune/AVI pattern/read zone							
40.00 Terminate data wire, fiber, LC, VES, AVI, etc.         96         \$70.74         \$6,791.04         2         \$13,582.08           41.00 Run hardware diagnostics         8         \$70.74         \$565.92         2         \$1,131.84           42.00 Lane Software: config file/disk prep.         16         \$96.43         \$1,542.88         2         \$3,085.76           43.00 Run software diagnostics/troubleshoot         16         \$96.43         \$1,542.88         2         \$3,085.76           44.00 Test VES system, align cameras, align flash         24         \$96.43         \$1,157.16         0         \$0.00           45.00 PEEK Loop System Tuning         12         \$96.43         \$1,157.16         0         \$0.00           45.00 Peek Loop System Tuning         12         \$96.43         \$1,157.16         0         \$0.00           45.00 Peek Loop System Tuning         16         \$96.43         \$1,157.16         0         \$0.00           45.00 Peek Loop System Tuning         12         \$96.43         \$1,542.88         2         \$3,085.76           45.00 Peek Loop System Tuning         18         \$70.74         \$26.90         \$0.00           47.00 Warehouse delivery/support         8         \$70.74         \$28.90         0         \$0.00	30.00	Toothing (AVI nother read need					
41.00       Run hardware diagnostics       8       \$70.74       \$565.92       2       \$1,131.84         42.00       Lane Software: config file/disk prep.       16       \$96.43       \$1,542.88       2       \$3,085.76         43.00       Run software diagnostics/troubleshoot       16       \$96.43       \$1,542.88       2       \$3,085.76         44.00       Test VES system, align cameras, align flash       24       \$96.43       \$2,314.32       2       \$4,628.64         45.00       PEEK Loop System Tuning       12       \$96.43       \$1,157.16       0       \$0.00         46.00       Commission lane - run/test/debug       16       \$96.43       \$1,542.88       2       \$3,085.76         47.00       Warehouse delivery/support       8       \$70.74       \$565.92       2       \$1,131.84         48.00       Remove reusable in lane equipment       40       \$70.74       \$2,829.60       0       \$0.00         49.00       Refurbish equipment - ACM       4       \$70.74       \$282.96       0       \$0.00         50.00       Civil, conduit, firaming, sawcut concrete (loops), etc.       \$92.00       \$6,066.00       \$5,520.00         51.00       Material - conduit, wireway, connectors, cable, etc.       \$6,066.00							
42.00 Lane Software: config file/disk prep.       16       \$96.43       \$1,542.88       2       \$3,085.76         43.00 Run software diagnostics/troubleshoot       16       \$96.43       \$1,542.88       2       \$3,085.76         44.00 Test VES system, align cameras, align flash       24       \$96.43       \$2,314.32       2       \$4,628.64         45.00 PEEK Loop System Tuning       12       \$96.43       \$1,157.16       0       \$0.00         46.00 Commission lane - run/test/debug       16       \$96.43       \$1,542.88       2       \$3,085.76         47.00 Warehouse delivery/support       8       \$70.74       \$565.92       2       \$1,131.84         48.00 Remove reusable in lane equipment       40       \$70.74       \$282.96       0       \$0.00         49.00 Refurbish equipment - ACM       4       \$70.74       \$282.96       0       \$0.00         50.00 Civil, conduit, framing, sawcut concrete (loops), etc.       \$920.00       6       \$5,520.00         51.00 Material - conduit, wireway, connectors, cable, etc.       \$6,066.00       2       \$12,132.00         52.00 ACM - assemble/calibrate/test       6       \$70.74       \$424.44       0       \$0.00         53.00 ACM trim plates       1       \$2,000.00       \$0.00       \$0.0							
43.00         Run software diagnostics/troubleshoot         16         \$96.43         \$1,542.88         2         \$3,085.76           44.00         Test VES system, align cameras, align flash         24         \$96.43         \$2,314.32         2         \$4,628.64           45.00         PEEK Loop System Tuning         12         \$96.43         \$1,157.16         0         \$0.00           45.00         Commission lane - run/test/debug         16         \$96.43         \$1,542.88         2         \$3,085.76           47.00         Warehouse delivery/support         8         \$70.74         \$565.92         2         \$1,131.84           48.00         Remove reusable in lane equipment         40         \$70.74         \$2,829.60         0         \$0.00           49.00         Refurbish equipment - ACM         4         \$70.74         \$2,829.60         0         \$0.00           49.00         Refurbish equipment - ACM         4         \$70.74         \$2,829.60         0         \$0.00           50.00         Civil, conduit, framing, sawcut concrete (loops), etc.         \$920.00         6         \$5,520.00           51.00         Material - conduit, wireway, connectors, cable, etc.         \$6,066.00         2         \$12,132.00           52.00							
44.00         Test VES system, align cameras, align flash         24         \$96.43         \$2,314.32         2         \$4,628.64           45.00         PEEK Loop System Tuning         12         \$96.43         \$1,157.16         0         \$0.00           46.00         Commission lane - run/test/debug         16         \$96.43         \$1,157.16         0         \$0.00           47.00         Warehouse delivery/support         8         \$70.74         \$565.92         2         \$1,131.84           48.00         Remove reusable in lane equipment         40         \$70.74         \$2,829.60         0         \$0.00           49.00         Refurbish equipment - ACM         4         \$70.74         \$2,829.60         0         \$0.00           50.00         Civil, conduit, framing, sawcut concrete (loops), etc.         \$920.00         6         \$5,520.00           51.00         Material - conduit, wireway, connectors, cable, etc.         \$6,066.00         2         \$12,132.00           52.00         ACM - assemble/callibrate/test         6         \$70.74         \$424.44         0         \$0.00           53.00         ACM implates         1         \$2,000.00         1         \$2,000.00           54.00         Additional electrical work in tunnel							
45.00 PEEK Loop System Tuning       12       \$96.43       \$1,157.16       0       \$0.00         46.00 Commission lane - run/test/debug       16       \$96.43       \$1,542.88       2       \$3,085.76         47.00 Warehouse delivery/support       8       \$70.74       \$565.92       2       \$1,131.84         48.00 Remove reusable in lane equipment       40       \$70.74       \$282.96       0       \$0.00         49.00 Refurbish equipment - ACM       4       \$70.74       \$282.96       0       \$0.00         50.00 Civil, conduit, framing, sawcut concrete (loops), etc.       \$920.00       6       \$5,520.00         51.00 Material - conduit, wireway, connectors, cable, etc.       \$6,066.00       2       \$12,132.00         52.00 ACM rim plates       1       \$2,000.00       1       \$2,000.00         53.00 ACM trim plates       1       \$0.00       \$0.00       \$0.00         55.00 Additional electrical work in tunnel       \$0.00       \$0.00       \$0.00         55.00 Saw cut gatorhead for light curtain relief       \$948.75       0       \$0.00         57.00 Install conrete light curtain pad       \$788.00       2       \$1,576.00         ACM-uninstall, secure opening, remove tunnel components, transport, prep&paint cabinet, tune the mechanicals, install, move antenna, new							
46.00 Commission lane - run/test/debug  16 \$96.43 \$1,542.88 2 \$3,085.76 47.00 Warehouse delivery/support  88 \$70.74 \$565.92 2 \$1,131.84 48.00 Remove reusable in lane equipment  40 \$70.74 \$2,829.60 0 \$0.00 49.00 Refurbish equipment - ACM  4 \$70.74 \$282.96 0 \$0.00 50.00 Civil, conduit, framing, sawcut concrete (loops), etc.  51.00 Material - conduit, wireway, connectors, cable, etc.  52.00 ACM - assemble/calibrate/test  6 \$70.74 \$424.44 0 \$0.00 53.00 ACM trim plates  1 \$2,000.00 1 \$2,000.00 54.00 Additional electrical work in tunnel  50.00 Saw cut gatorhead for light curtain relief  50.00 Install conrete light curtain pad  ACM-uninstall, secure opening, remove tunnel components, transport, prep&paint cabinet, tune the mechanicals, install, move antenna, new lane build.  ENGINEERING  60.00 Institution and engineering support  40 \$131.44 \$3,943.20 1 \$3,943.20 51,542.88 2 \$3,085.76 52.00 \$0.00 50.0						2	\$4,628.64
47.00       Warehouse delivery/support       8       \$70.74       \$565.92       2       \$1,131.84         48.00       Remove reusable in lane equipment       40       \$70.74       \$2,829.60       0       \$0.00         49.00       Refurbish equipment - ACM       4       \$70.74       \$282.96       0       \$0.00         50.00       Civil, conduit, framing, sawcut concrete (loops), etc.       \$920.00       6       \$5,520.00         51.00       Material - conduit, wireway, connectors, cable, etc.       \$6,066.00       2       \$12,132.00         52.00       ACM - assemble/calibrate/test       6       \$70.74       \$424.44       0       \$0.00         53.00       ACM trim plates       1       \$2,000.00       1       \$2,000.00         54.00       Additional electrical work in tunnel       \$0.00       0       \$0.00         55.00       Additional electrical material to support 54.00       \$0.00       \$0.00         56.00       Saw cut gatorhead for light curtain relief       \$948.75       0       \$0.00         67.00       Install correte light curtain pad       \$788.00       2       \$1,576.00         60.00       Host System Software       30       \$131.44       \$3,943.20       1       \$9,157.18						0	\$0.00
48.00 Remove reusable in lane equipment       40       \$70.74       \$2,829.60       0       \$0.00         49.00 Refurbish equipment - ACM       4       \$70.74       \$282.96       0       \$0.00         50.00 Civil, conduit, framing, sawcut concrete (loops), etc.       \$920.00       6       \$5,520.00         51.00 Material - conduit, wireway, connectors, cable, etc.       \$6,066.00       2       \$12,132.00         52.00 ACM - assemble/calibrate/test       6       \$70.74       \$424.44       0       \$0.00         53.00 ACM trim plates       1       \$2,000.00       1       \$2,000.00         54.00 Additional electrical work in tunnel       \$0.00       0       \$0.00         55.00 Additional electrical material to support 54.00       \$0.00       \$0.00         56.00 Saw cut gatorhead for light curtain relief       \$948.75       0       \$0.00         57.00 Install conrete light curtain pad       \$788.00       2       \$1,576.00         ACM-uninstall, secure opening, remove tunnel components, transport, prespanit cabinet, tune the mechanicals, install, move antenna, new lane build.       \$9,157.18       1       \$9,157.18         60.00 Host System Software       30       \$131.44       \$3,943.20       1       \$3,943.20         61.00 System integration and test       40       \$131.44			16	\$96.43	\$1,542.88	2	\$3,085.76
49.00   Refurbish equipment - ACM   4   \$70.74   \$282.96   0   \$0.00			8	\$70.74	\$565.92	2	\$1,131.84
49.00 Refurbish equipment - ACM       4       \$70.74       \$282.96       0       \$0.00         50.00 Civil, conduit, framing, sawcut concrete (loops), etc.       \$920.00       6       \$5,520.00         51.00 Material - conduit, wireway, connectors, cable, etc.       \$6,066.00       2       \$12,132.00         52.00 ACM - assemble/calibrate/test       6       \$70.74       \$424.44       0       \$0.00         53.00 ACM trim plates       1       \$2,000.00       1       \$2,000.00         54.00 Additional electrical work in tunnel       \$0.00       0       \$0.00         55.00 Additional electrical material to support 54.00       \$0.00       0       \$0.00         56.00 Saw cut gatorhead for light curtain relief       \$948.75       0       \$0.00         57.00 Install conrete light curtain pad       \$788.00       2       \$1,576.00         ACM-uninstall, secure opening, remove tunnel components, transport, prep&paint cabinet, tune the mechanicals, install, move antenna, new lane build.       \$9,157.18       1       \$9,157.18         ENGINEERING       30       \$131.44       \$3,943.20       1       \$3,943.20         61.00 System integration and test       40       \$131.44       \$5,257.60       1       \$5,257.60         62.00 Drafting and engineering support       20			40	\$70.74	\$2,829.60	0	\$0.00
50.00 Civil, conduit, framing, sawcut concrete (loops), etc.       \$920.00       6       \$5,520.00         51.00 Material - conduit, wireway, connectors, cable, etc.       \$6,066.00       2       \$12,132.00         52.00 ACM - assemble/calibrate/test       6       \$70.74       \$424.44       0       \$0.00         53.00 ACM trim plates       1       \$2,000.00       1       \$2,000.00         54.00 Additional electrical work in tunnel       \$0.00       0       \$0.00         55.00 Additional electrical material to support 54.00       \$0.00       \$0.00         56.00 Saw cut gatorhead for light curtain relief       \$948.75       0       \$0.00         57.00 Install conrete light curtain pad       \$788.00       2       \$1,576.00         ACM-uninstall, secure opening, remove tunnel components, transport, prep&paint cabinet, tune the mechanicals, install, move antenna, new lane build.       \$9,157.18       1       \$9,157.18         60.00 Host System Software       30       \$131.44       \$3,943.20       1       \$3,943.20         61.00 System integration and test       40       \$131.44       \$5,257.60       1       \$5,257.60         62.00 Drafting and engineering support       20       \$70.74       \$1,414.80       1       \$1,414.80			4	\$70.74		0	\$0.00
51.00       Material - conduit, wireway, connectors, cable, etc.       \$6,066.00       2       \$12,132.00         52.00       ACM - assemble/calibrate/test       6       \$70.74       \$424.44       0       \$0.00         53.00       ACM trim plates       1       \$2,000.00       1       \$2,000.00         54.00       Additional electrical work in tunnel       \$0.00       0       \$0.00         55.00       Additional electrical material to support 54.00       \$0.00       0       \$0.00         56.00       Saw cut gatorhead for light curtain relief       \$948.75       0       \$0.00         57.00       Install conrete light curtain pad       \$788.00       2       \$1,576.00         ACM-uninstall, secure opening, remove tunnel components, transport, prep&paint cabinet, tune the mechanicals, install, move antenna, new lane build.       \$9,157.18       1       \$9,157.18         ENGINEERING       30       \$131.44       \$3,943.20       1       \$3,943.20         61.00       System integration and test       40       \$131.44       \$5,257.60       1       \$5,257.60         62.00       Drafting and engineering support       20       \$70.74       \$1,414.80       1       \$1,414.80							\$5,520.00
52.00 ACM - assemble/calibrate/test       6       \$70.74       \$424.44       0       \$0.00         53.00 ACM trim plates       1       \$2,000.00       1       \$2,000.00         54.00 Additional electrical work in tunnel       \$0.00       0       \$0.00         55.00 Additional electrical material to support 54.00       \$0.00       0       \$0.00         56.00 Saw cut gatorhead for light curtain relief       \$948.75       0       \$0.00         57.00 Install conrete light curtain pad       \$788.00       2       \$1,576.00         ACM-uninstall, secure opening, remove tunnel components, transport, prep&paint cabinet, tune the mechanicals, install, move antenna, new lane build.       \$9,157.18       1       \$9,157.18         ENGINEERING       30       \$131.44       \$3,943.20       1       \$3,943.20         60.00 Host System Software       30       \$131.44       \$5,257.60       1       \$5,257.60         62.00 Drafting and engineering support       20       \$70.74       \$1,414.80       1       \$1,414.80	51.00	Material - conduit, wireway, connectors, cable, etc.					
53.00       ACM trim plates       1       \$2,000.00       1       \$2,000.00         54.00       Additional electrical work in tunnel       \$0.00       0       \$0.00         55.00       Additional electrical material to support 54.00       \$0.00       \$0.00         56.00       Saw cut gatorhead for light curtain relief       \$948.75       0       \$0.00         57.00       Install conrete light curtain pad       \$788.00       2       \$1,576.00         ACM-uninstall, secure opening, remove tunnel components, transport, prep&paint cabinet, tune the mechanicals, install, move antenna, new lane build.       \$9,157.18       1       \$9,157.18         ENGINEERING       30       \$131.44       \$3,943.20       1       \$3,943.20         61.00       System integration and test       40       \$131.44       \$5,257.60       1       \$5,257.60         62.00       Drafting and engineering support       20       \$70.74       \$1,414.80       1       \$1,414.80	52.00	ACM - assemble/calibrate/test	6	\$70.74			
\$4.00   Additional electrical work in tunnel   \$0.00   0   \$0.00	53.00	ACM trim plates					
55.00   Additional electrical material to support 54.00   \$0			<del>                                     </del>				
56.00       Saw cut gatorhead for light curtain relief       \$948.75       0       \$0.00         57.00       Install conrete light curtain pad       \$788.00       2       \$1,576.00         ACM-uninstall, secure opening, remove tunnel components, transport, prep&paint cabinet, tune the mechanicals, install, move antenna, new lane build.       \$9,157.18       1       \$9,157.18         ENGINEERING       30       \$131.44       \$3,943.20       1       \$3,943.20         61.00       System Software       30       \$131.44       \$5,257.60       1       \$5,257.60         62.00       Drafting and engineering support       20       \$70.74       \$1,414.80       1       \$1,414.80			1				
57.00       Install conrete light curtain pad       \$788.00       2       \$1,576.00         ACM-uninstall, secure opening, remove tunnel components, transport, prep&paint cabinet, tune the mechanicals, install, move antenna, new lane build.       \$9,157.18       1       \$9,157.18         ENGINEERING       30       \$131.44       \$3,943.20       1       \$3,943.20         61.00       System Software       30       \$131.44       \$5,257.60       1       \$5,257.60         62.00       Drafting and engineering support       20       \$70.74       \$1,414.80       1       \$1,414.80			<del>                                     </del>				
ACM-uninstall, secure opening, remove tunnel components, transport, prep&paint cabinet, tune the mechanicals, install, move antenna, new lane build.  ENGINEERING  60.00 Host System Software  61.00 System integration and test  62.00 Drafting and engineering support  ACM-uninstall, secure opening, remove tunnel components, transport, prep&paint cabinet, tune the mechanicals, install, move antenna, new sp.,157.18  \$9,157.18  \$9,157.18  \$9,157.18  \$1,3943.20  \$1,31.44  \$5,257.60  \$1,414.80  \$1,414.80			· · · · · · · · · · · · · · · · · · ·				
58.00 prep&paint cabinet, tune the mechanicals, install, move antenna, new lane build.       \$9,157.18       1       \$9,157.18       1       \$9,157.18       1       \$9,157.18       1       \$9,157.18       1       \$1,157.18 <t< td=""><td>355</td><td></td><td>1</td><td></td><td>₩1 00.00</td><td>-</td><td>Ψ1,070.00</td></t<>	355		1		₩1 00.00	-	Ψ1,070.00
lane build.   \$9,157.18   1 \$9,157.18	58.00		1				
ENGINEERING         \$5,157.16           60.00 Host System Software         30         \$131.44         \$3,943.20         1         \$3,943.20           61.00 System integration and test         40         \$131.44         \$5,257.60         1         \$5,257.60           62.00 Drafting and engineering support         20         \$70.74         \$1,414.80         1         \$1,414.80			1		PO 457 40	ایا	eo 4== 40
60.00 Host System Software       30       \$131.44       \$3,943.20       1       \$3,943.20         61.00 System integration and test       40       \$131.44       \$5,257.60       1       \$5,257.60         62.00 Drafting and engineering support       20       \$70.74       \$1,414.80       1       \$1,414.80			<del> </del>		⊅9,157.18		\$9,757.18
61.00 System integration and test 40 \$131.44 \$5,257.60 1 \$5,257.60 62.00 Drafting and engineering support 20 \$70.74 \$1,414.80 1 \$1,414.80	- 60.00		<del> </del>				
62.00 Drafting and engineering support 20 \$70.74 \$1,414.80 1 \$1,414.80							
20 \$10.14 \$1,414.00							
total \$288,308.13	62.00	Drawing and engineering support	20	\$70.74	\$1,414.80	1	\$1,414.80
total \$288,308.13						T	
						total	\$288,308.13

ITEM	Quote - 528 McCoy 2 Lane WB Off Ramp Legacy Equipment		1		i i	Extended
NO.	DESCRIPTION			Price	Qty	Price
	EQUIPMENT					
	Adjustable Canopy Mount			\$1,600	1	\$1,600
	AVI H Bracket			\$700	2	\$1,400
	AVI Reader			\$11,500	2	\$23,000
	Manual Lane Terminal			\$2,295	0	\$0
	ACM complete assembly			\$105,819	0	\$0
	LCII Lane Controllers			\$10,500	2	\$21,000
7.00	Patron Toll Displays			\$4,400	2	\$8,800
	Traffic Control Signal Assembly			\$1,747	2	\$3,494
	PEEK Axle Counter/Seperator			\$58,851	0	\$0
	Transcore ORT Solution			\$0	0	\$0
	Receipt Printer			\$1,208	0	\$0
	Treadle Frames - 4 insert type			\$4,944	0	\$0
	Treadle Inserts			\$1,420	0	\$0
	Light Curtain assembly			\$6,132	2	\$12,264
	Magnetic Card Reader			\$371	1	\$371
	VES system EN500, LED flash, P/S, J-Panel			\$17,042	2	\$34,084
	VES Image Server UPS - Ramp	ļ		\$4,925	1	\$4,925
	2 post server rack w/4shelves			\$6,688	1	\$6,688
19.00	Ramp Lane Server			\$545	1	\$545
	Coin Vaults			\$4,925	2	\$9,850
22.00				\$1,213	25	\$30,325
22.00	INSTALLATION	<del>                                     </del>				
00.00		Labor hours				
30.00	Project Management	77		\$10,253.00	1	\$10,560.55
31.00	Mobilization	40	\$70.74		2	\$5,659.20
32.00	Mount wire ways, conduit, controller boxes Pull clean power circuits	72	\$70.74	\$5,093.28	2	\$10,186.56
		24	\$70.74	\$1,697.76	2	\$3,395.52
	Pull dirty circuits Pull data wire	24	\$70.74		2	\$3,395.52
	Install all in-lane equipment	36	\$70.74		2	\$5,093.28
	Terminate clean and dirty power circuits	96	\$70.74		2	\$13,582.08
	Align, test light curtains	24	\$70.74		2	\$3,395.52
30.00	Test/tune/AVI pattern/read zone	16 12	\$70.74		2	\$2,263.68
40.00	Terminate data wire, fiber, LC, VES, AVI, etc.	96	\$70.74	\$848.88	2	\$1,697.76
	Run hardware diagnostics	8	\$70.74 \$70.74	\$6,791.04	2	\$13,582.08
	Lane Software: config file/disk prep.	16		\$565.92 \$1,542.88	2	\$1,131.84
	Run software diagnostics/troubleshoot	16	\$96.43 \$96.43		2	\$3,085.76
	Test VES system, align cameras, align flash	24	\$96.43	\$1,542.88 \$2,314.32	2	\$3,085.76
	PEEK Loop System Tuning	12	\$96.43	\$1,157.16	0	\$4,628.64 \$0.00
	Commission lane - run/test/debug	16	\$96.43	\$1,542.88	2	\$3,085.76
	Warehouse delivery/support	8	\$70.74	\$565.92	2	\$1,131.84
	Remove reusable in lane equipment	40	\$70.74	\$2,829.60	0	\$1,131.84
	Refurbish equipment - ACM	4	\$70.74	\$282.96	0	\$0.00
50.00	Civil, conduit, framing, sawcut concrete (loops), etc.	<del>                                     </del>	Ψ10.14	\$920.00	6	\$5,520.00
51.00	Material - conduit, wireway, connectors, cable, etc.	<b>-</b>		\$6,066.00	2	\$12,132.00
	ACM - assemble/calibrate/test	6	\$70.74	\$424.44	0	\$12,132.00
	ACM trim plates	1 1	Ψ10.14	\$2,000.00	1	\$2,000.00
	Additional electrical work in tunnel	<del> </del>		\$0.00	0	\$2,000.00
	Additional electrical material to support 54.00	†		\$0.00	0	\$0.00
	Saw cut gatorhead for light curtain relief	<b>†</b>		\$948.75	0	\$0.00
57.00	Install conrete light curtain pad			\$788.00	2	\$1,576.00
	ACM-uninstall, secure opening, remove tunnel components, transport,	<b>†</b>		ψ, ου.υυ		Ψ1,070.00
58.00	prep&paint cabinet, tune the mechanicals, install, move antenna, new	1				
	lane build.	1		\$9,157.18	1	\$9,157.18
	ENGINEERING	<del>                                     </del>		\$5,.07.10		\$5,107.10
60.00	Host System Software	30	\$131.44	\$3,943.20	1	\$3,943.20
61.00	System integration and test	40	\$131.44	\$5,257.60	1	\$5,257.60
	Drafting and engineering support	20	\$70.74	\$1,414.80	1	\$1,414.80
			Ţ, <del>Ţ, Ţ, Ţ</del>	Ţ.,O		\$ 1,7 17.00
				į	total	\$288,308.13
					.v.ai	Ψ£00,000.1

### **EXHIBIT B**

### Page 1

NO.	Quote - 528 McCoy Rebate WB 1 Lane On Ramp Legacy Equipment DESCRIPTION		1	Drice	- A. I	Extended
				Price	Qty	Price
	EQUIPMENT					
	Adjustable Canopy Mount			\$1,600	0	\$0
	AVI H Bracket			\$700	1	\$700
	AVI Reader			\$11,500	1	\$11,500
	Manual Lane Terminal			\$2,295	o	\$0
5.00	ACM complete assembly	_		\$105,819	ō	\$0
6.00	LCII Lane Controllers			\$10,500	1	\$10,500
7.00	Patron Toll Displays			\$4,400	ó	\$0
8.00	Traffic Control Signal Assembly	_		\$1,747	ő	\$0
	PEEK Axle Counter/Seperator			\$58,851	1	\$58,851
10.00	Transcore ORT Solution	-		\$200,000	Ö	\$0
	Receipt Printer			\$1,208	0	\$0
	Treadle Frames - 4 insert type			\$4,944	- 6	\$0
	Treadle Inserts	-		\$1,420	6	
	Light Curtain assembly	-			0	\$0
	Magnetic Card Reader	<b>-</b>		\$6,132		\$0
	VES system EN500, LED flash, P/S, J-Panel, Cable, P/S, Sensor	_		\$345	0	\$0
17.00	VES Image Server	_		\$17,042	1	\$17,042
		_		\$4,925	1	\$4,925
	UPS - Ramp			\$6,688	1	\$6,688
	Dell 2 post server rack w/ 4 shelves	_		\$545	1	\$545
	Ramp Lane Server - Dell 410	_	L	\$4,925	1	\$4,925
21.00						
22.00						
23.00						
		Labor	Labor			-
	INSTALLATION	Hours	Rate			
	Project Management	77	\$137.15	\$10,253.00	1	\$10,560.55
31.00	Mobilization	40	\$70.74	\$2,829.60	1	\$2,829.60
32.00	Mount wire ways, conduit, controller boxes	72	\$70.74	\$5,093.28	1	\$5,093.28
	Pull clean power circuits	24	\$70.74	\$1,697.76	1	\$1,697.76
	Pull dirty circuits	24	\$70.74	\$1,697.76	1	\$1,697.76
	Pull data wire	36	\$70.74	\$2,546.64	1	\$2,546.64
	Install all in-lane equipment	96	\$70.74	\$6,791.04		\$6,791.04
	Terminate clean and dirty power circuits	24	\$70.74	\$1,697.76	1	\$1,697.76
	Align, test light curtains	16	\$70.74	\$1,131.84	1	
	Test/tune/AVI pattern/read zone	12	\$70.74			\$1,131.84
	Terminate data wire, fiber, LC, VES, AVI, etc.			\$848.88	1	\$848.88
	Run hardware diagnostics	96	\$70.74	\$6,791.04	1	\$6,791.04
41.00	Lane Software: config file/disk prep.	8	\$70.74	\$565.92	1	\$565.92
		16	\$96.43	\$1,542.88	1	\$1,542.88
43.00	Run software diagnostics/troubleshoot	16	\$96.43	\$1,542.88	1	\$1,542.88
44.00	Test VES system, align cameras, align flash	24	\$96.43	\$2,314.32	1	\$2,314.32
45.00	PEEK Loop System Tuning	12	\$96.43	\$1,157.16	0	\$0.00
	Commission lane - run/test/debug	16	\$96.43	\$1,542.88	1	\$1,542.88
	Warehouse delivery/support	8	\$70.74	\$565.92	1	\$565.92
	Remove reusable in lane equipment	40	\$70.74	\$2,829.60	0	\$0.00
49.00	Refurbish equipment - ACM	30	\$70.74	\$2,122.20	0	\$0.00
	Civil, conduit, framing, sawcut concrete (loops), etc.			\$920.00	3	\$2,760.00
	Material - conduit, wireway, connectors, cable, etc.			\$6,066.00	1	\$6,066.00
	ACM - assemble/calibrate/test	8	\$70.74	\$565.92	0	\$0.00
	ACM trim plates			\$1,800.00	o	\$0.00
54.00	Additional electrical work in tunnel			\$0.00	- 0	\$0.00
55.00	Additional electrical material to support 54.00			\$0.00	<u> </u>	\$0.00
	Saw cut gatorhead for light curtain relief			\$948.75	0	\$0.00
	Install concrete light curtain pad			\$788.00	0	\$0.00
				ψ100.00		Φ0.00
	ENGINEERING		<del>                                     </del>			
	Host System Software	40	\$131.44	\$5,257.60		\$5,257.60
	System integration and test	40	\$131.44	\$5,257.60	- #	\$5,257.60
	Drafting and engineering support	20	\$70.74	\$1,414.80	1	
	2	- 20	ψ10.14	ψ1,414.0U		\$1,414.80
, ,				I		
	TOTA				<del></del>	\$186,192.95