

Breakdown by Districts	Public Sites	Parking Spots	RTMC Hardware and Software License Cost	Furnish and Install Cost	Cost of System Deployment Subtotal	Final Design Cost (8%)	CEI Cost (12%)	Construction Contingency (15%)	Cost of System Deployment Total	FDOT Match	2015 Federal AID Grant	FASTLANE Grant Requested
District 1	7	171	\$ 150,000	\$ 1,369,490	\$ 1,519,490	\$ 121,560	\$ 182,340	\$ 227,920	\$ 2,051,310	\$ 1,083,510	\$ 94,595	\$ 873,205
District 2	22	621	\$ 150,000	\$ 4,787,800	\$ 4,937,800	\$ 395,020	\$ 592,540	\$ 740,670	\$ 6,666,030	\$ 3,405,330	\$ 297,297	\$ 2,963,403
District 3	17	542	\$ 150,000	\$ 4,120,000	\$ 4,270,000	\$ 341,600	\$ 512,400	\$ 640,500	\$ 5,764,500	\$ 2,631,390	\$ 229,730	\$ 2,903,380
District 4	7	294	\$ 150,000	\$ 1,603,450	\$ 1,753,450	\$ 140,280	\$ 210,410	\$ 263,020	\$ 2,367,160	\$ 1,083,510	\$ 94,595	\$ 1,189,055
District 5	14	498	\$ 150,000	\$ 3,011,740	\$ 3,161,740	\$ 252,940	\$ 379,410	\$ 474,260	\$ 4,268,350	\$ 2,167,030	\$ 189,189	\$ 1,912,131
District 7	7	238	\$ 150,000	\$ 1,973,330	\$ 2,123,330	\$ 169,870	\$ 254,800	\$ 318,500	\$ 2,866,500	\$ 1,083,510	\$ 94,595	\$ 1,688,395
Total	74	2364	\$ 900,000	\$ 16,865,810	\$ 17,765,810	\$ 1,421,270	\$ 2,131,900	\$ 2,664,870	\$ 23,983,850	\$ 11,454,280	\$ 1,000,001	\$ 11,529,569

Total Cost of Deployment \$ 23,983,850

FDOT Fund Match

FDOT Deployment Match	\$ 10,000,000		
FDOT Preliminary Engineering, Design and Environmental	\$ 832,288		
FDOT Federal AID Match	\$ 500,000	Previously Incurred Cost	\$ 2,454,288
FDOT SunGide® Module Cost	\$ 112,000	Future Eligible Cost	\$ 21,529,562
FDOT 511 - Public and Private Interface	\$ 10,000	FDOT	\$ 11,454,288
Total FDOT Fund Match	\$ 11,454,288	NSFHP	\$ 11,529,569
Other Federal Funds		Total Federal	\$ 12,454,288

Total FDOT Fund Match \$ 11,454,288

FASTLANE Funds Requested \$ 11,529,569

FASTLANE Funds (%) 48% < 60%
Total Federal Fund % 52% < 80%

Phase I Total 25
Phase II Total 49

Statewide Truck Parking Availability Study (TPAS) High Level Cost Estimate

District	County	Route	TPAS Phase	Travel Direction	MM	Facility No.	TSO/Type	Parking Spaces	Construction at rest area/welcome Center/Weigh station	Status of ITS Infrastructure near location	Envirnomenta Issues	Cost/site	RTMC Hardware & software License Cost	Cost/District
1	Collier	I-75	Phase II	Northbound	63	10290 North/South	Rest Area	18	Yes, restriping	Existing/Operational	• In Word Doc	\$210,000.00	\$150,000.00	\$1,519,485.96
1	Lee	I-75	Phase II	Northbound	131	10280 North/South	Rest Area	44	Yes, planning to decommission	Existing/Operational	• In Word Doc	\$250,000.00		
1	Charlotte	I-75	Phase II	Southbound	158	10602 Southbound	Weigh Station	23	No	Existing/Operational	• In Word Doc	\$150,000.00		
1	Charlotte	I-75	Phase II	Northbound	158	10601 Northbound	Weigh Station	23	No	Existing/Operational	• In Word Doc	\$150,000.00		
1	Manatee	I-275	Phase II	Southbound	7	10370 North/South	Rest Area	16	Yes, planned reconstruction	Existing/Operational	• In Word Doc	\$210,000.00		
1	Polk	I-4	Phase I	Eastbound	46	10201 Eastbound	Rest Area	23	No	Existing/Operational		\$219,697.52		
1	Polk	I-4	Phase I	Westbound	46	10202 Westbound	Rest Area	24	No	Existing/Operational		\$179,788.44		
2	Alachua	I-75	Phase II	Southbound	382	20172 Southbound	Rest Area	12	No	No ITS infrastructure	• In Word Doc	\$210,000.00		
2	Alachua	I-75	Phase II	Northbound	383	20171 Northbound	Rest Area	6	No	No ITS infrastructure	• In Word Doc	\$200,000.00		
2	Columbia	I-75	Phase II	Northbound	413	20161 Northbound	Rest Area	49	No	Under Construction	• In Word Doc	\$250,000.00		
2	Columbia	I-75	Phase II	Southbound	413	20162 Southbound	Rest Area	49	No	Under Construction	• In Word Doc	\$250,000.00		
2	Hamilton	I-75	Phase II	Southbound	449	20622 Southbound	Weigh Station	29	No	Under Construction	• In Word Doc	\$210,000.00		
2	Hamilton	I-75	Phase II	Northbound	449	20621 Northbound	Weigh Station	25	No	Under Construction	• In Word Doc	\$210,000.00		
2	Hamilton	I-75	Phase II	Southbound	470	20140 Southbound	Welcome Center	37	No	Under Construction	• None	\$240,000.00		
2	Madison	I-10	Phase II	Westbound	264	20632 Westbound	Weigh Station	20	No	Design Phase	• Rare/Imperiled Fish: Alabama Shad & Gulf Sturgeon (Suwanee River Power Plant)	\$210,000.00	\$150,000.00	\$4,937,800.45
2	Madison	I-10	Phase II	Eastbound	264	20631 Eastbound	Weigh Station	20	No	Design Phase		\$210,000.00		
2	Madison	I-10	Phase II	Westbound	265	20102 Westbound	Rest Area	18	No	Design Phase	• In Word Doc	\$225,000.00		
2	Madison	I-10	Phase II	Eastbound	265	20101 Eastbound	Rest Area	20	No	Design Phase	• In Word Doc	\$230,000.00		
2	Suwannee	I-10	Phase II	Eastbound	294	20111 Eastbound	Rest Area	15	No	Design Phase	• In Word Doc	\$210,000.00		
2	Columbia	I-10	Phase II	Westbound	295	20112 Westbound	Rest Area	15	No	Design Phase	• In Word Doc	\$210,000.00		
2	Baker	I-10	Phase II	Eastbound	318	20121 Eastbound	Rest Area	23	No	Design Phase	• In Word Doc	\$260,000.00		
2	Baker	I-10	Phase II	Westbound	318	20122 Westbound	Rest Area	23	No	Design Phase	• In Word Doc	\$250,000.00		
2	St. Johns	I-95	Phase I	Northbound	302	20331 Northbound	Rest Area	14	No	Under Construction		\$213,780.02		
2	St. Johns	I-95	Phase I	Southbound	303	20332 Southbound	Rest Area	18	No	Under Construction		\$240,293.19		
2	Nassau	I-95	Phase I	Southbound	378	20310 Southbound	Welcome Center	44	No	No ITS infrastructure		\$245,203.59		
2	St. Johns	I-95	Phase I	Northbound	331	20321 Northbound	Rest Area	73	No	Under Construction		\$225,070.35		
2	St. Johns	I-95	Phase I	Southbound	331	20322 Southbound	Rest Area	61	No	Under Construction		\$295,236.39		
2	Nassau	I-95	Phase I	Northbound	376	20611 Northbound	Weigh Station	25	No	No ITS infrastructure		\$123,039.77		
2	Nassau	I-95	Phase I	Southbound	376	20612 Southbound	Weigh Station	25	No	No ITS infrastructure		\$70,177.14		
3	Escambia	I-10	Phase II	Westbound	3	30652 Westbound	Weigh Station	37	No	Existing/Operational	• In Word Doc	\$210,000.00		
3	Escambia	I-10	Phase II	Eastbound	3	30651 Eastbound	Weigh Station	38	No	Existing/Operational	• In Word Doc	\$210,000.00		
3	Escambia	I-10	Phase II	Eastbound	4	30010 Eastbound	Welcome Center	26	No	Existing/Operational	• 45% "All Areas are Prime Farmland" •32% "Farmland of Local Importance" •ECGWCLPR: 45% Priority 6	\$230,000.00		
3	Santa Rosa	I-10	Phase II	Eastbound	29	30031 Eastbound	Rest Area	65	No	Existing/Operational	• In Word Doc	\$330,000.00		
3	Santa Rosa	I-10	Phase II	Westbound	29	30032 Westbound	Rest Area	67	No	Existing/Operational	• In Word Doc	\$330,000.00		
3	Okaloosa	I-10	Phase II	Eastbound	58	30041 Eastbound	Rest Area	48	No	Existing/Operational	• In Word Doc	\$250,000.00		

Statewide Truck Parking Availability Study (TPAS) High Level Cost Estimate

District	County	Route	TPAS Phase	Travel Direction	MM	Facility No.	TSO/Type	Parking Spaces	Construction at rest area/welcome Center/Weigh station	Status of ITS Infrastructure near location	Envirnomental Issues	Cost/site	RTMC Hardware & software License Cost	Cost/District
3	Okaloosa	I-10	Phase II	Westbound	61	30042 Westbound	Rest Area	52	No	Existing/Operational	• In Word Doc	\$260,000.00	\$150,000.00	\$4,270,000.00
3	Holmes	I-10	Phase II	Eastbound	96	30050 East/west	Rest Area	14	No	Existing/Operational	• In Word Doc	\$250,000.00		
3	Jackson	I-10	Phase II	Westbound	133	30062 Westbound	Rest Area	23	No	Existing/Operational	• 29% "All Areas are Prime Farmland" • 29% "Farmland of Local Importance" • FL Site File Arch or Hist Sites: Copeland (Site ID: JA00127)	\$230,000.00		
3	Jackson	I-10	Phase II	Eastbound	133	30061 Eastbound	Rest Area	8	No	Existing/Operational		\$210,000.00		
3	Jackson	I-10	Phase II	Eastbound	155	30641 Eastbound	Weigh Station	37	No	Existing/Operational	• 28% "All Areas are Prime Farmland" • 58% "Farmland of Local Importance" • ECGWCLPR: 100% Priority 4 • NFWFMD WLs 2010: <1% Hydric Pine Flatwoods	\$210,000.00		
3	Jackson	I-10	Phase II	Westbound	155	30642 Westbound	Weigh Station	36	No	Existing/Operational		\$210,000.00		
3	Gadsen	I-10	Phase II	East/westbound	162	30070 East/west	Rest Area	42	No	Existing/Operational	• In Word Doc	\$250,000.00		
3	Leon	I-10	Phase II	Westbound	194	30082 Westbound	Rest Area	14	Yes, Remodelling, schduled to open on 03/2016	Existing/Operational	• In Word Doc	\$240,000.00		
3	Leon	I-10	Phase II	Eastbound	194	30081 Eastbound	Rest Area	14	Yes, Remodelling, schduled to open on 03/2016	Existing/Operational	• In Word Doc	\$240,000.00		
3	Jefferson	I-10	Phase II	Westbound	233	30092 Westbound	Rest Area	11	Yes, reconstruction scheduled b/w 03/2016-01/2017	Design Phase	• In Word Doc	\$230,000.00		
3	Jefferson	I-10	Phase II	Eastbound	233	30091 Eastbound	Rest Area	10	Yes, reconstruction scheduled b/w 03/2016-01/2017	Design Phase	• In Word Doc	\$230,000.00		
4	Broward	I-75	Phase II	Northbound	34	40490 North/South	Rest Area	60	No	Existing/Operational	• In Word Doc	\$360,000.00		
4	Martin	I-95	Phase I	Northbound	106	40401 Northbound	Rest Area	56	No	Existing/Operational		\$267,309.13		
4	Martin	I-95	Phase I	Southbound	107	40402 Southbound	Rest Area	56	No	Existing/Operational		\$253,659.96		
4	St. Lucie	I-95	Phase I	Southbound	133	40392 Southbound	Rest Area	43	No	Existing/Operational		\$238,670.93		
4	St. Lucie	I-95	Phase I	Northbound	133	40391 Northbound	Rest Area	44	No	Existing/Operational		\$226,695.94		
4	Martin	I-95	Phase I	Southbound	113	40680 Southbound	Weigh Station	22	No	Existing/Operational		\$122,134.49		
4	Martin	I-95	Phase I	Northbound	92	Martin Northbound	Weigh Station	13	No	Existing/Operational		\$134,975.17		
5	Sumter	I-75	Phase II	Northbound	307	50191 Northbound	Rest Area	44	No	Under Construction	• In Word Doc	\$260,000.00		
5	Sumter	I-75	Phase II	Southbound	308	50192 Southbound	Rest Area	32	No	Under Construction	• In Word Doc	\$250,000.00		
5	Marion	I-75	Phase II	Southbound	338	50662 Southbound	Weigh Station	19	No	Existing/Operational	• In Word Doc	\$230,000.00		
5	Marion	I-75	Phase II	Northbound	338	50661 Northbound	Weigh Station	19	No	Existing/Operational	• In Word Doc	\$230,000.00		
5	Marion	I-75	Phase II	Northbound	345	50181 Northbound	Rest Area	45	No	Existing/Operational	• 4% FP Zone AE • SWFWMD WLs 2011: <1% Intermittent Ponds • FL Skink Suitability: 24% (70'-82'); 76% (82'+)	\$260,000.00	\$150,000.00	\$3,161,740.84

Statewide Truck Parking Availability Study (TPAS) High Level Cost Estimate

District	County	Route	TPAS Phase	Travel Direction	MM	Facility No.	TSO/Type	Parking Spaces	Construction at rest area/welcome Center/Weigh station	Status of ITS Infrastructure near location	Envirnomental Issues	Cost/site	RTMC Hardware & software License Cost	Cost/District
5	Marion	I-75	Phase II	Southbound	346	50182 Southbound	Rest Area	44	No	Existing/Operational		\$260,000.00	\$150,000.00	\$5,101,740.84
5	Seminole	I-4	Phase I	Westbound	94	50222 Westbound	Rest Area	16	No	Existing/Operational		\$155,518.28		
5	Seminole	I-4	Phase I	Eastbound	96	50221 Eastbound	Rest Area	17	No	Existing/Operational		\$165,466.32		
5	Brevard	I-95	Phase I	Northbound	168	50381 Northbound	Rest Area	61	No	Existing/Operational		\$221,670.09		
5	Brevard	I-95	Phase I	Southbound	169	50382 Southbound	Rest Area	68	No	Existing/Operational		\$269,974.25		
5	Brevard	I-95	Phase I	Northbound	225	50341 Northbound	Rest Area	33	No	Existing/Operational		\$220,756.94		
5	Brevard	I-95	Phase I	Southbound	227	50342 Southbound	Rest Area	34	No	Existing/Operational		\$195,311.61		
5	Flagler	I-95	Phase I	Northbound	286	50671 Northbound	Weigh Station	33	No	Existing/Operational		\$121,350.99		
5	Flagler	I-95	Phase I	Southbound	286	50672 Southbound	Weigh Station	33	No	Existing/Operational		\$171,692.36		
7	Hillsborough	I-75	Phase II	Northbound	238	70251 Northbound	Rest Area	34	No	Existing/Operational	• In Word Doc	\$310,000.00	\$150,000.00	\$2,123,333.58
7	Hillsborough	I-75	Phase II	Southbound	238	70252 Southbound	Rest Area	41	No	Existing/Operational	• In Word Doc	\$330,000.00		
7	Pasco	I-75	Phase II	Northbound	278	70241 Northbound	Rest Area	57	No	Existing/Operational	• In Word Doc	\$330,000.00		
7	Pasco	I-75	Phase II	Southbound	278	70242 Southbound	Rest Area	53	No	Existing/Operational	• In Word Doc	\$325,000.00		
7	Pinellas	I-275	Phase II	Northbound	13	70360 North/South	Rest Area	21	Yes, Planned reconstruction	Existing/Operational	• In Word Doc	\$220,000.00		
7	Hillsborough	I-4	Phase I	Westbound	12	70692 Westbound	Weigh Station	16	No	Existing/Operational		\$242,957.94		
7	Hillsborough	I-4	Phase I	Eastbound	12	70691 Eastbound	Weigh Station	16	No	Existing/Operational		\$215,375.64		
								2364					Grand Total	\$17,765,806.45

477 MVDS Sensor parking Space
 In-Ground Sensor Parking Space
 1887

LOCATION DESCRIPTION	UNIT	UNIT COST	1	1	Sub Total	Sub Total Cost
			I-4	I-4		
			10201 Eastbound	10202 Westbound		
			46 Polk	46 Polk		
Rest Area	Rest Area					
POWER INFRASTRUCTURE						
0630 2 11 Conduit, F&I, Open Trench	LF	\$ 5.66	160	760	920	\$ 5,207.20
0630 2 12 Conduit, F&I, Directional Bore	LF	\$ 16.35	240	150	390	\$ 6,376.50
0631 2 14 Conduit, F&I, Above Ground	LF	\$ 20.19	40	40	80	\$ 1,615.20
0635 2 11 Pull & Splice Box, 13"x24"	EA	\$ 580.65	3	4	7	\$ 4,064.55
0639 3 12 Elec serv Discon, F&I, Cabinet	EA	\$ 3,000.00	1	1	2	\$ 6,000.00
0639 2 1 Electrical Service Wire	LF	\$ 1.93	1320	2850	4170	\$ 8,048.10
COMMUNICATION INFRASTRUCTURE						
0630 2 11 Conduit, F&I, Open Trench	LF	\$ 5.66	1300	-	1300	\$ 7,358.00
0630 2 12 Conduit, F&I, Directional Bore	LF	\$ 16.35	250	-	250	\$ 4,087.50
0631 2 14 Conduit, F&I, Above Ground	LF	\$ 20.19	20	20	40	\$ 807.60
0635 2 13 Pull & Splice Box, 30"x60"	EA	\$ 2,603.62	-	-	0	\$ -
0635 2 12 Pull & Splice Box, 24"x36"	EA	\$ 1,183.79	4	2	6	\$ 7,102.74
0633 1121 Fiber Optic Cable, F&I, UG, 2-12	LF	\$ 1.60	1960	1000	2960	\$ 4,736.00
0633 2 31 Fiber Optic Connection, Install, Splice	EA	\$ 40.76	-	-	0	\$ -
0633 3 14 Fiber Optic Conn Hdwr, Buffer Tube Fan Out	EA	\$ 464.55	2	2	4	\$ 1,858.20
0633 3 16 Fiber Optic Conn Hdwr, patch Panel- FIE	EA	\$ 1,053.43	2	2	4	\$ 4,213.72
0633 3 17 Fiber Optic Conn Hdwr, Connector Panel	EA	\$ 117.32	2	2	4	\$ 469.28
0684 5 1 Media Converter, Furnish & Install	EA	\$ 543.96	2	2	4	\$ 2,175.84
0633 2 32 Fiber Optic Connection, Install, Term	EA	\$ 57.82	8	8	16	\$ 925.12
MWDS						
0660 3 11 Vehicle Detection System - Micro, F&I, Cab	EA	\$ 936.98	-	-	0	\$ -
0660 3 12 Vehicle Detection System - Micro, F&I, Abo	EA	\$ 6,894.97	-	-	0	\$ -
0641 2 12 Prest Cnc Pole, F&I, Typ P-II Srv Pole	EA	\$ 1,350.44	-	-	0	\$ -
0744 70 11 TMS Solar Power Unit, F&I, New Pole	EA	\$ 4,175.00	-	-	0	\$ -
0684 2 1 Device Server, F&I	EA	\$ 1,190.27	-	-	0	\$ -
0685 1 06 Sys Aux, F&I, Uninterruptible Pwr Source	EA	\$ 4,348.73	-	-	0	\$ -
0684 6 11 Wireless Communication Device, F&I, Ethe	EA	\$ 4,594.68	-	-	0	\$ -
CCTV						
0684 1 1 Managed Field Ethernet Switch, F&I	EA	\$ 2,271.24	1	1	2	\$ 4,542.48
0685 1 06 Sys Aux, F&I, Uninterruptible Pwr Source	EA	\$ 4,348.73	1	1	2	\$ 8,697.46
0676 2 122 ITS Cabinet, F&I, Pole, 336s	EA	\$ 5,963.52	1	-	1	\$ 5,963.52
0676 2143 ITS Cabinet, F & I, Base with sun, 336s	EA	\$ 7,896.00	-	-	0	\$ -
0660 3 11 Vehicle Detection System - Micro, F&I, Cab	EA	\$ 936.98	-	-	0	\$ -
0641 3186 Concrete CCTV Pole, Fur&Ins w/Low	EA	\$ 20,528.57	1	-	1	\$ 20,528.57
0682 1112 ITS CCTV Camera, F&I, Dome Encl-Pres	EA	\$ 9,450.00	1	-	1	\$ 9,450.00
Truck Parking Spaces	EA		23	24	47	
Truck Parking Measurement System						
Cost of a SensIT Flush mount sensor	EA	\$ 300.00	46	48	94	\$ 28,200.00
Cost of SensIT IR sensor	EA	\$ 375.00	23	24	47	\$ 17,625.00
In-ground sensor installation cost (SensIT Flush mount or SensIT IR sensors)	EA	\$ 60.00	69	72	141	\$ 8,460.00
SensIT Relay Module cost for parking lot	EA	\$ 1,500.00	6	6	12	\$ 18,000.00
SensIT Access Point IP65 GPRS	EA	\$ 4,500.00	1	1	2	\$ 9,000.00
0660 3 11 Vehicle Detection System - Micro, F&I, Cab	EA	\$ 936.98	-	-	0	\$ -
0641 2 12 Prest Cnc Pole, F&I, Typ P-II Srv Pole	EA	\$ 1,350.44	5	6	11	\$ 14,854.84
Installation, Certification, Integration and Testing (per site)	EA	\$ 39,000.00	1	1	2	\$ 78,000.00
Initial Server Installation (1 for each District)	EA	\$ 61,750.00	-	-	1	\$ 61,750.00
TPAS Server Cost (1 for each district) & TPAS Server Software Cost (1 for each district)	EA	\$ 51,182.00	-	-	1	\$ 51,182.00
TPAS parking sensor Software License Cost (1 time cost \$84000.00 is distributed to over all(6) FDOT Districts)	EA	\$ 14,000.00	-	-	1	\$ 14,000.00
Site licenses @ \$8000.00 per site	EA	\$ 12,490.00	1	1	2	\$ 24,980.00
Truck Parking System Sign						
0700 2 16 Multi-Post Sign, F&I GM, 101-200 SF	AS	\$ 8,783.44	1	1	2	\$ 17,566.88
0700 3106 Sign Panel, F&I, GM, 101-200 SF	EA	\$ 4,267.93	-	-	0	\$ -
0700 11241 Elect Disp Sign, F&I, GM-SO, Elect Warn	AS	\$ 14,003.37	1	1	2	\$ 28,006.74
0676 3 10 Small Equipment Enclosure, F&I, 10x13x11	EA	\$ 1,260.00	1	1	2	\$ 2,520.00
0630 2 11 Conduit, F&I, Open Trench	LF	\$ 5.66	40	800	840	\$ 4,754.40
0630 2 12 Conduit, F&I, Directional Bore	LF	\$ 16.35	280	-	280	\$ 4,578.00
0631 2 14 Conduit, F&I, Above Ground	LF	\$ 20.19	20	20	40	\$ 807.60
0635 2 11 Pull & Splice Box, 13"x24"	EA	\$ 580.65	1	1	2	\$ 1,161.30
0635 2 12 Pull & Splice Box, 24"x36"	EA	\$ 1,183.79	1	1	2	\$ 2,367.58
0639 2 1 Electrical Service Wire	LF	\$ 1.93	1020	2520	3540	\$ 6,832.20
0633 1121 Fiber Optic Cable, F&I, UG, 2-12	LF	\$ 1.60	500	1000	1500	\$ 2,400.00
0633 3 14 Fiber Optic Conn Hdwr, Buffer Tube Fan Out	EA	\$ 464.55	2	2	4	\$ 1,858.20
0633 3 16 Fiber Optic Conn Hdwr, patch Panel- FIE	EA	\$ 1,053.43	2	2	4	\$ 4,213.72
0633 3 17 Fiber Optic Conn Hdwr, Connector Panel	EA	\$ 117.32	2	2	4	\$ 469.28
0684 5 1 Media Converter, Furnish & Install	EA	\$ 543.96	2	2	4	\$ 2,175.84
0633 2 32 Fiber Optic Connection, Install, Term	EA	\$ 57.82	8	8	16	\$ 925.12
0744 70 11 TMS Solar Power Unit, F&I, New Pole	EA	\$ 4,175.00	-	-	0	\$ -
0102 1 Maintenance of Traffic	DA	\$ 687.71	4	4	8	\$ 5,501.68
Sub-Total			\$219,697.52	\$179,788.44		\$ 526,417.96
Server installation and software license cost per District			\$126,932.00			

LOCATION DESCRIPTION	UNIT	UNIT COST	2		2		2		2		2		Sub Total	Sub Total Cost	
			I-95		I-95		I-95		I-95		I-95				
			20331 Northbound	20332 Southbound	20310 Southbound	20321 Northbound	20322 Southbound	20611 Northbound	20612 Southbound	20331 Northbound	20332 Southbound	20611 Northbound			20612 Southbound
			302 St. Johns	303 St. Johns	378 Nassau	331 St. Johns	331 St. Johns	376 Nassau	376 Nassau	Rest Area	Rest Area	Weigh Station			Weigh Station
0630 2 11 Conduit, F&I, Open Trench	LF	\$ 5.66	510	420	270	160	1260	125	-	-	-	2745	\$ 15,536.70		
0630 2 12 Conduit, F&I, Directional Bore	LF	\$ 16.35	-	-	620	350	100	0	-	-	-	1070	\$ 17,494.50		
0631 2 14 Conduit, F&I, Above Ground	LF	\$ 20.19	40	40	100	50	50	30	-	-	-	310	\$ 6,258.90		
0635 2 11 Pull & Splice Box, 13"x24"	EA	\$ 580.65	3	4	6	3	7	2	-	-	-	25	\$ 14,516.25		
0639 3 12 Elec serv Discon, F&I, Cabinet	EA	\$ 3,000.00	1	1	1	1	1	1	-	-	-	6	\$ 18,000.00		
0639 2 1 Electrical Service Wire	LF	\$ 1.93	1680	1818	2820	1635	4200	495	-	-	-	12648	\$ 24,410.64		
0630 2 11 Conduit, F&I, Open Trench	LF	\$ 5.66	1020	2060	-	220	-	-	-	-	-	3300	\$ 18,678.00		
0630 2 12 Conduit, F&I, Directional Bore	LF	\$ 16.35	270	365	-	175	-	-	-	-	-	810	\$ 13,243.50		
0631 2 14 Conduit, F&I, Above Ground	LF	\$ 20.19	20	20	-	20	-	-	-	-	-	60	\$ 1,211.40		
0635 2 13 Pull & Splice Box, 30"x60"	EA	\$ 2,603.62	-	-	-	-	-	-	-	-	-	0	\$ -		
0635 2 12 Pull & Splice Box, 24"x36"	EA	\$ 1,183.79	3	7	3	4	7	-	-	-	-	24	\$ 28,410.96		
0633 1121 Fiber Optic Cable, F&I, UG, 2-12	LF	\$ 1.60	2240	3310	920	710	1440	-	-	-	-	8620	\$ 13,792.00		
0633 2 31 Fiber Optic Connection, Install, Splice	EA	\$ 40.76	-	-	-	-	-	-	-	-	-	0	\$ -		
0633 3 14 Fiber Optic Conn Hdwr, Buffer Tube Fan Out	EA	\$ 464.55	4	4	4	4	4	-	-	-	-	20	\$ 9,291.00		
0633 3 16 Fiber Optic Conn Hdwr, patch Panel- FIE	EA	\$ 1,053.43	3	3	3	3	3	-	-	-	-	15	\$ 15,801.45		
0633 3 17 Fiber Optic Conn Hdwr, Connector Panel	EA	\$ 117.32	3	3	3	3	3	-	-	-	-	15	\$ 1,759.80		
0684 5 1 Media Converter, Furnish & Install	EA	\$ 543.96	4	4	4	4	4	-	-	-	-	20	\$ 10,879.20		
0633 2 32 Fiber Optic Connection, Install, Term	EA	\$ 57.82	16	16	16	16	16	-	-	-	-	80	\$ 4,625.60		
0660 3 11 Vehicle Detection System - Micro, F&I, Cab	EA	\$ 936.98	-	-	-	-	-	2	2	2	2	4	\$ 3,747.92		
0660 3 12 Vehicle Detection System - Micro, F&I, Abo	EA	\$ 6,894.97	-	-	-	-	-	2	2	2	2	4	\$ 27,579.88		
0641 2 12 Prest Cnc Pole, F&I, Typ P-II Srv Pole	EA	\$ 1,350.44	-	-	-	-	-	2	2	2	2	4	\$ 5,401.76		
0744 70 11 TMS Solar Power Unit, F&I, New Pole	EA	\$ 4,175.00	-	-	-	-	-	2	2	2	2	4	\$ 16,700.00		
0684 2 1 Device Server, F&I	EA	\$ 1,190.27	-	-	-	-	-	2	2	2	2	4	\$ 4,761.08		
0685 1 06 Sys Aux, F&I, Uninterruptible Pwr Source	EA	\$ 4,348.73	-	-	-	-	-	1	1	1	1	4	\$ 17,394.92		
0684 6 11 Wireless Communication Device, F&I, Ethe	EA	\$ 4,594.68	-	-	-	-	-	8	2	10	10	20	\$ 91,893.60		
0684 1 1 Managed Field Ethernet Switch, F&I	EA	\$ 2,271.24	1	1	1	1	1	1	1	1	1	6	\$ 13,627.44		
0685 1 06 Sys Aux, F&I, Uninterruptible Pwr Source	EA	\$ 4,348.73	1	1	1	1	1	1	1	1	1	6	\$ 26,092.38		
0676 2 122 ITS Cabinet, F&I, Pole, 336s	EA	\$ 5,963.52	1	1	-	1	1	-	-	-	-	4	\$ 23,854.08		
0676 2143 ITS Cabinet, F & I, Base with sun, 336s	EA	\$ 7,896.00	-	-	1	-	-	1	-	-	-	2	\$ 15,792.00		
0660 3 11 Vehicle Detection System - Micro, F&I, Cab	EA	\$ 936.98	-	-	-	-	-	-	-	-	-	0	\$ -		
0641 3186 Concrete CCTV Pole, Fur&Ins w/Low	EA	\$ 20,528.57	1	1	-	1	1	-	-	-	-	4	\$ 82,114.28		
0682 1112 ITS CCTV Camera, F&I, Dome Encl-Pres	EA	\$ 9,450.00	1	1	1	1	1	-	-	-	-	5	\$ 47,250.00		
Truck Parking Spaces	EA	-	14	18	44	73	61	25	25	25	25	260			
Cost of a SensIT Flush mount sensor	EA	\$ 300.00	28	36	88	146	122	-	-	-	-	420	\$ 126,000.00		
Cost of SensIT IR sensor	EA	\$ 375.00	14	18	44	73	61	-	-	-	-	210	\$ 78,750.00		
In-ground sensor installation cost (SensIT Flush mount or SensIT IR sensors)	EA	\$ 60.00	42	54	132	219	183	-	-	-	-	630	\$ 37,800.00		
SensIT Relay Module cost for parking lot	EA	\$ 1,500.00	7	5	13	15	13	-	-	-	-	53	\$ 79,500.00		
SensIT Access Point IP65 GPRS	EA	\$ 4,500.00	1	1	2	2	2	-	-	-	-	8	\$ 36,000.00		
0660 3 11 Vehicle Detection System - Micro, F&I, Cab	EA	\$ 936.98	1	1	2	1	1	-	-	-	-	6	\$ 5,621.88		
0641 2 12 Prest Cnc Pole, F&I, Typ P-II Srv Pole	EA	\$ 1,350.44	7	5	13	12	10	-	-	-	-	47	\$ 63,470.68		
Installation, Certification, Integration and Testing (per site)	EA	\$ 39,000.00	1	1	1	1	1	-	-	-	-	5	\$ 195,000.00		
Initial Server Installation (1 for each District)	EA	\$ 61,750.00	-	-	-	-	-	-	-	-	-	1	\$ 61,750.00		
TPAS Server Cost (1 for each district) & TPAS Server Software Cost (1 for each district)	EA	\$ 51,182.00	-	-	-	-	-	-	-	-	-	1	\$ 51,182.00		
TPAS parking sensor Software License Cost (1 time cost \$84000.00 is distributed to over all(6) FDOT Districts)	EA	\$ 14,000.00	-	-	-	-	-	-	-	-	-	1	\$ 14,000.00		
Site licenses @ \$8000.00 per site	EA	\$ 12,490.00	1	1	1	1	1	-	-	-	-	5	\$ 62,450.00		
0700 2 16 Multi-Post Sign, F&I GM, 101-200 SF	AS	\$ 8,783.44	1	1	1	-	1	1	1	1	1	6	\$ 52,700.64		
0700 3106 Sign Panel, F&I, GM, 101-200 SF	EA	\$ 4,267.93	-	-	-	-	-	-	-	-	-	1	\$ 4,267.93		
0700 11241 Elect Disp Sign, F&I, GM-SO, Elect Warn	AS	\$ 14,003.37	1	1	1	1	1	1	1	1	1	7	\$ 98,023.59		
0676 3 10 Small Equipment Enclosure, F&I, 10x13x11	EA	\$ 1,260.00	1	1	1	-	1	1	1	1	1	6	\$ 7,560.00		
0630 2 11 Conduit, F&I, Open Trench	LF	\$ 5.66	450	1430	-	-	770	-	-	-	-	2650	\$ 14,999.00		
0630 2 12 Conduit, F&I, Directional Bore	LF	\$ 16.35	-	-	-	-	-	-	-	-	-	0	\$ -		
0631 2 14 Conduit, F&I, Above Ground	LF	\$ 20.19	20	20	20	-	20	20	20	20	20	120	\$ 2,422.80		
0635 2 11 Pull & Splice Box, 13"x24"	EA	\$ 580.65	1	2	-	-	-	1	-	-	-	4	\$ 2,322.60		
0635 2 12 Pull & Splice Box, 24"x36"	EA	\$ 1,183.79	1	1	-	-	-	1	-	-	-	3	\$ 3,551.37		
0639 2 1 Electrical Service Wire	LF	\$ 1.93	1470	4410	60	-	2430	60	60	60	60	8490	\$ 16,385.70		
0633 1121 Fiber Optic Cable, F&I, UG, 2-12	LF	\$ 1.60	700	1680	-	-	1020	-	-	-	-	3400	\$ 5,440.00		
0633 3 14 Fiber Optic Conn Hdwr, Buffer Tube Fan Out	EA	\$ 464.55	2	2	-	-	2	-	-	-	-	6	\$ 2,787.30		
0633 3 16 Fiber Optic Conn Hdwr, patch Panel- FIE	EA	\$ 1,053.43	2	2	-	-	2	-	-	-	-	6	\$ 6,320.58		
0633 3 17 Fiber Optic Conn Hdwr, Connector Panel	EA	\$ 117.32	2	2	-	-	2	-	-	-	-	6	\$ 703.92		
0684 5 1 Media Converter, Furnish & Install	EA	\$ 543.96	2	2	2	-	2	2	2	2	2	12	\$ 6,527.52		
0633 2 32 Fiber Optic Connection, Install, Term	EA	\$ 57.82	8	8	-	-	8	-	-	-	-	24	\$ 1,387.68		
0744 70 11 TMS Solar Power Unit, F&I, New Pole	EA	\$ 4,175.00	-	-	1	-	-	1	1	1	1	3	\$ 12,525.00		
0102 1 Maintenance of Traffic	DA	\$ 687.71	4	4	3	3	3	3	3	3	3	23	\$ 15,817.33		
Sub-Total			\$213,780.02	\$240,293.19	\$245,203.59	\$ 225,070.35	\$295,236.39	\$123,039.77	\$70,177.14			\$	1,596,393.77		
Server installation and software license cost per District						\$126,932.00									

LOCATION DESCRIPTION	UNIT	UNIT COST	4	4	4	4	4	4	Sub Total	Sub Total Cost
			I-95	I-95	I-95	I-95	I-95	I-95		
			40401 Northbound	40402 Southbound	40392 Southbound	40391 Northbound	40680 Southbound	Martin Northbound		
			106	107	133	133	113	92		
County	Martin	Martin	St. Lucie	St. Lucie	Martin	Martin				
Facility Type	Rest Area	Rest Area	Rest Area	Rest Area	Weigh Station	Weigh Station				
0630 2 11 Conduit, F&I, Open Trench	LF	\$ 5.66	120	110	200	250	850	1220	2750	\$ 15,565.00
0630 2 12 Conduit, F&I, Directional Bore	LF	\$ 16.35	-	-	-	-	600	320	920	\$ 15,042.00
0631 2 14 Conduit, F&I, Above Ground	LF	\$ 20.19	40	40	40	40	80	80	320	\$ 6,460.80
0635 2 11 Pull & Splice Box, 13"x24"	EA	\$ 580.65	2	2	2	2	5	5	18	\$ 10,451.70
0639 3 12 Elec serv Discon, F&I, Cabinet	EA	\$ 3,000.00	1	1	1	1	1	1	6	\$ 18,000.00
0639 2 1 Electrical Service Wire	LF	\$ 1.93	480	450	720	870	4470	5880	12870	\$ 24,839.10
0630 2 11 Conduit, F&I, Open Trench	LF	\$ 5.66	1780	800	720	-	380	2220	5900	\$ 33,394.00
0630 2 12 Conduit, F&I, Directional Bore	LF	\$ 16.35	680	280	350	380	150	-	1840	\$ 30,084.00
0631 2 14 Conduit, F&I, Above Ground	LF	\$ 20.19	20	20	20	20	60	60	200	\$ 4,038.00
0635 2 13 Pull & Splice Box, 30"x60"	EA	\$ 2,603.62	-	-	-	-	-	-	0	\$ -
0635 2 12 Pull & Splice Box, 24"x36"	EA	\$ 1,183.79	6	3	2	1	4	6	22	\$ 26,043.38
0633 1121 Fiber Optic Cable, F&I, UG, 2-12	LF	\$ 1.60	3030	1540	1370	630	1980	4150	12700	\$ 20,320.00
0633 2 31 Fiber Optic Connection, Install, Splice	EA	\$ 40.76	-	-	-	-	-	-	0	\$ -
0633 3 14 Fiber Optic Conn Hdwr, Buffer Tube Fan Out	EA	\$ 464.55	2	2	2	2	4	4	16	\$ 7,432.80
0633 3 16 Fiber Optic Conn Hdwr, patch Panel- FIE	EA	\$ 1,053.43	2	2	2	2	3	3	14	\$ 14,748.02
0633 3 17 Fiber Optic Conn Hdwr, Connector Panel	EA	\$ 117.32	2	2	2	2	3	3	14	\$ 1,642.48
0684 5 1 Media Converter, Furnish & Install	EA	\$ 543.96	2	2	2	2	4	4	16	\$ 8,703.36
0633 2 32 Fiber Optic Connection, Install, Term	EA	\$ 57.82	8	8	8	8	16	16	64	\$ 3,700.48
0660 3 11 Vehicle Detection System - Micro, F&I, Cab	EA	\$ 936.98	-	-	-	-	2	2	4	\$ 3,747.92
0660 3 12 Vehicle Detection System - Micro, F&I, Abo	EA	\$ 6,894.97	-	-	-	-	2	2	4	\$ 27,579.88
0641 2 12 Prest Cnc Pole, F&I, Typ P-II Srv Pole	EA	\$ 1,350.44	-	-	-	-	2	2	4	\$ 5,401.76
0744 70 11 TMS Solar Power Unit, F&I, New Pole	EA	\$ 4,175.00	-	-	-	-	-	-	0	\$ -
0684 2 1 Device Server, F&I	EA	\$ 1,190.27	-	-	-	-	2	2	4	\$ 4,761.08
0685 1 06 Sys Aux, F&I, Uninterruptible Pwr Source	EA	\$ 4,348.73	-	-	-	-	2	2	4	\$ 17,394.92
0684 6 11 Wireless Communication Device, F&I, Ethe	EA	\$ 4,594.68	-	-	-	-	-	-	0	\$ -
0684 1 1 Managed Field Ethernet Switch, F&I	EA	\$ 2,271.24	1	1	1	1	1	1	6	\$ 13,627.44
0685 1 06 Sys Aux, F&I, Uninterruptible Pwr Source	EA	\$ 4,348.73	1	1	1	1	-	-	4	\$ 17,394.92
0676 2 122 ITS Cabinet, F&I, Pole, 336s	EA	\$ 5,963.52	1	1	1	1	-	-	4	\$ 23,854.08
0676 2143 ITS Cabinet, F & I, Base with sun, 336s	EA	\$ 7,896.00	-	-	-	-	-	-	0	\$ -
0660 3 11 Vehicle Detection System - Micro, F&I, Cab	EA	\$ 936.98	-	-	-	-	-	-	0	\$ -
0641 3186 Concrete CCTV Pole, Fur&Ins w/Low	EA	\$ 20,528.57	1	1	1	1	-	-	4	\$ 82,114.28
0682 1112 ITS CCTV Camera, F&I, Dome Encl-Pres	EA	\$ 9,450.00	1	1	1	1	-	-	4	\$ 37,800.00
Truck Parking Spaces	EA	-	56	56	43	44	22	13	234	
Cost of a SensIT Flush mount sensor	EA	\$ 300.00	112	112	86	88	-	-	398	\$ 119,400.00
Cost of SensIT IR sensor	EA	\$ 375.00	56	56	43	44	-	-	199	\$ 74,625.00
In-ground sensor installation cost (SensIT Flush mount or SensIT IR sensors)	EA	\$ 60.00	168	168	129	132	-	-	597	\$ 35,820.00
SensIT Relay Module cost for parking lot	EA	\$ 1,500.00	8	8	7	7	-	-	30	\$ 45,000.00
SensIT Access Point IP65 GPRS	EA	\$ 4,500.00	1	1	1	1	-	-	4	\$ 18,000.00
0660 3 11 Vehicle Detection System - Micro, F&I, Cab	EA	\$ 936.98	-	-	-	-	-	-	0	\$ -
0641 2 12 Prest Cnc Pole, F&I, Typ P-II Srv Pole	EA	\$ 1,350.44	7	7	6	6	-	-	26	\$ 35,111.44
Installation, Certification, Integration and Testing (per site)	EA	\$ 39,000.00	1	1	1	1	-	-	4	\$ 156,000.00
Initial Server Installation (1 for each District)	EA	\$ 61,750.00	-	-	-	-	-	-	1	\$ 61,750.00
TPAS Server Cost (1 for each district) & TPAS Server Software Cost (1 for each district)	EA	\$ 51,182.00	-	-	-	-	-	-	1	\$ 51,182.00
TPAS parking sensor Software License Cost (1 time cost \$84000.00 is distributed to over all(6) FDOT Districts)	EA	\$ 14,000.00	-	-	-	-	-	-	1	\$ 14,000.00
Site licenses @ \$8000.00 per site	EA	\$ 12,490.00	1	1	1	1	-	-	4	\$ 49,960.00
0700 2 16 Multi-Post Sign, F&I GM, 101-200 SF	AS	\$ 8,783.44	1	1	1	1	1	1	6	\$ 52,700.64
0700 3106 Sign Panel, F&I, GM, 101-200 SF	EA	\$ 4,267.93	-	-	-	-	-	-	0	\$ -
0700 11241 Elect Disp Sign, F&I, GM-SO, Elect Warn	AS	\$ 14,003.37	1	1	1	1	1	1	6	\$ 84,020.22
0676 3 10 Small Equipment Enclosure, F&I, 10x13x11	EA	\$ 1,260.00	1	1	1	1	1	1	6	\$ 7,560.00
0630 2 11 Conduit, F&I, Open Trench	LF	\$ 5.66	250	600	800	200	30	230	2110	\$ 11,942.60
0630 2 12 Conduit, F&I, Directional Bore	LF	\$ 16.35	-	-	-	-	160	-	160	\$ 2,616.00
0631 2 14 Conduit, F&I, Above Ground	LF	\$ 20.19	20	20	20	20	20	20	120	\$ 2,422.80
0635 2 11 Pull & Splice Box, 13"x24"	EA	\$ 580.65	1	1	1	1	1	1	6	\$ 3,483.90
0635 2 12 Pull & Splice Box, 24"x36"	EA	\$ 1,183.79	1	1	1	1	1	1	6	\$ 7,102.74
0639 2 1 Electrical Service Wire	LF	\$ 1.93	870	1920	2520	720	810	900	7740	\$ 14,938.20
0633 1121 Fiber Optic Cable, F&I, UG, 2-12	LF	\$ 1.60	500	800	1000	450	440	510	3700	\$ 5,920.00
0633 3 14 Fiber Optic Conn Hdwr, Buffer Tube Fan Out	EA	\$ 464.55	2	2	2	2	2	2	12	\$ 5,574.60
0633 3 16 Fiber Optic Conn Hdwr, patch Panel- FIE	EA	\$ 1,053.43	2	2	2	2	2	2	12	\$ 12,641.16
0633 3 17 Fiber Optic Conn Hdwr, Connector Panel	EA	\$ 117.32	2	2	2	2	2	2	12	\$ 1,407.84
0684 5 1 Media Converter, Furnish & Install	EA	\$ 543.96	2	2	2	2	2	2	12	\$ 6,527.52
0633 2 32 Fiber Optic Connection, Install, Term	EA	\$ 57.82	8	8	8	8	8	8	48	\$ 2,775.36
0744 70 11 TMS Solar Power Unit, F&I, New Pole	EA	\$ 4,175.00	-	-	-	-	-	-	0	\$ -
0102 1 Maintenance of Traffic	DA	\$ 687.71	4	4	4	4	2	2	20	\$ 13,754.20
Sub-Total			\$267,309.13	\$253,659.96	\$238,670.93	\$226,695.94	\$122,134.49	\$134,975.17		\$ 1,370,377.62
Server installation and software license cost per District					\$126,932.00					

LOCATION DESCRIPTION	UNIT	UNIT COST	5	5	5	5	5	5	5	5	Sub Total	Sub Total Cost
			I-4	I-4	I-95	I-95	I-95	I-95	I-95	I-95		
			50222 Westbound	50221 Eastbound	50381 Northbound	50382 Southbound	50341 Northbound	50342 Southbound	50671 Northbound	50672 Southbound		
			94	96	168	169	225	227	286	286		
County	Seminole	Seminole	Brevard	Brevard	Brevard	Brevard	Flagler	Flagler				
Facility Type	Rest Area	Rest Area	Rest Area	Rest Area	Rest Area	Rest Area	Rest Area	Rest Area	Rest Area	Rest Area	Rest Area	Rest Area
POWER INFRASTRUCTURE												
0630 2 11 Conduit, F&I, Open Trench	LF	\$ 5.66	870	540	330	1370	340	340	2470	2900	9160	\$ 51,845.60
0630 2 12 Conduit, F&I, Directional Bore	LF	\$ 16.35	220	500	210	90	240	230		420	1910	\$ 31,228.50
0631 2 14 Conduit, F&I, Above Ground	LF	\$ 20.19	40	40	50	100	60	60	80	80	510	\$ 10,296.90
0635 2 11 Pull & Splice Box, 13"x24"	EA	\$ 580.65	3	4	4	8	4	4	6	6	39	\$ 22,645.35
0639 3 12 Elec serv Discon, F&I, Cabinet	EA	\$ 3,000.00	1	1	1	1	1	1		1	7	\$ 21,000.00
0639 2 1 Electrical Service Wire	LF	\$ 1.93	3390	3270	1740	5130	2460	2310	7860	10080	36240	\$ 69,943.20
COMMUNICATION INFRASTRUCTURE												
0630 2 11 Conduit, F&I, Open Trench	LF	\$ 5.66			200	270	1900	190		2700	5260	\$ 29,771.60
0630 2 12 Conduit, F&I, Directional Bore	LF	\$ 16.35			100		350	90			540	\$ 8,829.00
0631 2 14 Conduit, F&I, Above Ground	LF	\$ 20.19	20	20	50	80	40	40	60	80	390	\$ 7,874.10
0635 2 13 Pull & Splice Box, 30"x60"	EA	\$ 2,603.62									0	\$ -
0635 2 12 Pull & Splice Box, 24"x36"	EA	\$ 1,183.79	2	3	5	8	6	5	5	9	43	\$ 50,902.97
0633 1121 Fiber Optic Cable, F&I, UG, 2-12	LF	\$ 1.60	1350	1500	2070	3030	3480	1450	4090	6180	23150	\$ 37,040.00
0633 2 31 Fiber Optic Connection, Install, Splice	EA	\$ 40.76									0	\$ -
0633 3 14 Fiber Optic Conn Hdwr, Buffer Tube Fan Out	EA	\$ 464.55	2	2	4	6	4	4	3	5	30	\$ 13,936.50
0633 3 16 Fiber Optic Conn Hdwr, patch Panel- FIE	EA	\$ 1,053.43	2	2	3	4	3	3	3	5	25	\$ 26,335.75
0633 3 17 Fiber Optic Conn Hdwr, Connector Panel	EA	\$ 117.32	2	2	3	4	3	3	3	5	25	\$ 2,933.00
0684 5 1 Media Converter, Furnish & Install	EA	\$ 543.96	2	2	4	6	4	4	3	5	30	\$ 16,318.80
0633 2 32 Fiber Optic Connection, Install, Term	EA	\$ 57.82	8	8	16	24	16	16	16	16	120	\$ 6,938.40
MWDS												
0660 3 11 Vehicle Detection System - Micro, F&I, Cab	EA	\$ 936.98							2	1	3	\$ 2,810.94
0660 3 12 Vehicle Detection System - Micro, F&I, Abo	EA	\$ 6,894.97							2	2	4	\$ 27,579.88
0641 2 12 Prest Cnc Pole, F&I, Typ P-II Srv Pole	EA	\$ 1,350.44							2	2	4	\$ 5,401.76
0744 70 11 TMS Solar Power Unit, F&I, New Pole	EA	\$ 4,175.00									0	\$ -
0684 2 1 Device Server, F&I	EA	\$ 1,190.27							2	2	4	\$ 4,761.08
0685 1 06 Sys Aux, F&I, Uninterruptible Pwr Source	EA	\$ 4,348.73							2	2	4	\$ 17,394.92
0684 6 11 Wireless Communication Device, F&I, Ethe	EA	\$ 4,594.68									0	\$ -
CCTV												
0684 1 1 Managed Field Ethernet Switch, F&I	EA	\$ 2,271.24	1	1	1	1	2	2		1	9	\$ 20,441.16
0685 1 06 Sys Aux, F&I, Uninterruptible Pwr Source	EA	\$ 4,348.73	1	1	1	1	2	2		1	9	\$ 39,138.57
0676 2 122 ITS Cabinet, F&I, Pole, 336s	EA	\$ 5,963.52	1	1	1	1	1	1			6	\$ 35,781.12
0676 2143 ITS Cabinet, F & I, Base with sun, 336s	EA	\$ 7,896.00									0	\$ -
0660 3 11 Vehicle Detection System - Micro, F&I, Cab	EA	\$ 936.98					1	1			2	\$ 1,873.96
0641 3186 Concrete CCTV Pole, Fur&Ins w/Low	EA	\$ 20,528.57	1	1	1	1	2	2			8	\$ 164,228.56
0682 1112 ITS CCTV Camera, F&I, Dome Encl-Pres	EA	\$ 9,450.00	1	1	1	1	2	2			8	\$ 75,600.00
Truck Parking Spaces	EA		16	17	61	68	33	34	33	33	295	
Truck Parking Measurement System												
Cost of a SensIT Flush mount sensor	EA	\$ 300.00	32	34	122	136	66	68			458	\$ 137,400.00
Cost of SensIT IR sensor	EA	\$ 375.00	16	17	61	68	33	34			229	\$ 85,875.00
In-ground sensor installation cost (SensIT Flush mount or SensIT IR sensors)	EA	\$ 60.00	48	51	183	204	99	102			687	\$ 41,220.00
SensIT Relay Module cost for parking lot	EA	\$ 1,500.00	7	6	9	11	10	11			54	\$ 81,000.00
SensIT Access Point IP65 GPRS	EA	\$ 4,500.00	1	1	2	3	2	2			11	\$ 49,500.00
0660 3 11 Vehicle Detection System - Micro, F&I, Cab	EA	\$ 936.98			1	2	1	1			5	\$ 4,684.90
0641 2 12 Prest Cnc Pole, F&I, Typ P-II Srv Pole	EA	\$ 1,350.44	6	5	8	10	8	9			46	\$ 62,120.24
Installation, Certification, Integration and Testing (per site)	EA	\$ 39,000.00	1	1	1	1	1	1			6	\$ 234,000.00
Initial Server Installation (1 for each District)	EA	\$ 61,750.00									1	\$ 61,750.00
TPAS Server Cost (1 for each district) & TPAS Server Software Cost (1 for each district)	EA	\$ 51,182.00									1	\$ 51,182.00
TPAS parking sensor Software License Cost (1 time cost \$84000.00 is distributed to over all(6) FDOT Districts)	EA	\$ 14,000.00									1	\$ 14,000.00
Site licenses @ \$8000.00 per site	EA	\$ 12,490.00	1	1	1	1	1	1			6	\$ 74,940.00
Truck Parking System Sign												
0700 2 16 Multi-Post Sign, F&I GM, 101-200 SF	AS	\$ 8,783.44	1	1	1	1	1	1	1	1	8	\$ 70,267.52
0700 3106 Sign Panel, F&I, GM, 101-200 SF	EA	\$ 4,267.93									0	\$ -
0700 11241 Elect Disp Sign, F&I, GM-SO, Elect Warn	AS	\$ 14,003.37	1	1	1	1	1	1	1	1	8	\$ 112,026.96
0676 3 10 Small Equipment Enclosure, F&I, 10x13x11	EA	\$ 1,260.00	1	1	1	1	1	1	1	1	8	\$ 10,080.00
0630 2 11 Conduit, F&I, Open Trench	LF	\$ 5.66	40	510	270	820	420	220	220	210	2710	\$ 15,338.60
0630 2 12 Conduit, F&I, Directional Bore	LF	\$ 16.35	240	190			170				600	\$ 9,810.00
0631 2 14 Conduit, F&I, Above Ground	LF	\$ 20.19	20	20	20	20	20	20	20	20	160	\$ 3,230.40
0635 2 11 Pull & Splice Box, 13"x24"	EA	\$ 580.65	1	2	1	1	3	1	1	1	11	\$ 6,387.15
0635 2 12 Pull & Splice Box, 24"x36"	EA	\$ 1,183.79	1	2	1	1	3	1	1	1	11	\$ 13,021.69
0639 2 1 Electrical Service Wire	LF	\$ 1.93	1110	2520	930	2580	1980	780	780	750	11430	\$ 22,059.90
0633 1121 Fiber Optic Cable, F&I, UG, 2-12	LF	\$ 1.60	580	1100	520	1070	970	420	420	460	5540	\$ 8,864.00
0633 3 14 Fiber Optic Conn Hdwr, Buffer Tube Fan Out	EA	\$ 464.55	2	2	2	2	2	2	2	2	16	\$ 7,432.80
0633 3 16 Fiber Optic Conn Hdwr, patch Panel- FIE	EA	\$ 1,053.43	2	2	2	2	2	2	2	2	16	\$ 16,854.88
0633 3 17 Fiber Optic Conn Hdwr, Connector Panel	EA	\$ 117.32	2	2	2	2	2	2	2	2	16	\$ 1,877.12
0684 5 1 Media Converter, Furnish & Install	EA	\$ 543.96	2	2	2	2	2	2	2	2	16	\$ 8,703.36
0633 2 32 Fiber Optic Connection, Install, Term	EA	\$ 57.82	8	8	8	8	8	8	8	8	64	\$ 3,700.48
0744 70 11 TMS Solar Power Unit, F&I, New Pole	EA	\$ 4,175.00									0	\$ -
0102 1 Maintenance of Traffic	DA	\$ 687.71	4	4	4	4	4	4	3	3	30	\$ 20,631.30
Sub-Total			\$207,008.28	\$216,956.32	\$273,160.09	\$321,464.25	\$308,845.48	\$283,400.15	\$121,350.99	\$171,692.36		\$ 2,030,809.92
Server installation and software license cost per District						\$126,932.00						

LOCATION DESCRIPTION	UNIT	UNIT COST	7	7	Sub Total	Sub Total Cost	Grand Total	
			I-4	I-4				
FDOT District			7	7				
Roadway			I-4	I-4				
Facility Number			70692	70691				
Mile Marker			Westbound	Eastbound				
County			12	12				
Facility Type			Hillsborough	Hillsborough				
			Weigh Station	Weigh Station				
POWER INFRASTRUCTURE								
0630 2 11 Conduit, F&I, Open Trench	LF	\$ 5.66	1600	1080	2680	\$ 15,168.80	\$ 103,323.30	Note/Assumptions: A power conduit trunk will carry communication conduit as well. Fiber termination: 2 required and 2 spare assumed at each fiber termination location. FDOT Statewide 12 months moving average unit cost (From 2014/12/01 to 2015/11/30): ftp://ftp.dot.state.fl.us/LTS/CO/Estimates/12MonthsMoving.pdf FDOT Statewide 6 months moving average unit cost (From 2014/06/01 to 2015/11/30): ftp://ftp.dot.state.fl.us/LTS/CO/Estimates/6MonthsMoving.pdf Server and software cost is calculated based on online product prices. http://www.esri.com/software/arcgis/arcgis-for-desktop/pricing https://www.mychoicesoftware.com/products/microsoft-windows-server-2012-r2-standard-64-bit-license-5-cals?dfw_tracker=9945-3086238529&gclid=CJXS_YmTqsoCFuXhWod2uMPEa https://www.mychoicesoftware.com/products/microsoft-sql-server-2012-10-user-cals-add-on?dfw_tracker=8445-3086384385&gclid=CIXbj9qTqsoCFYMBHwodUwMJag http://www.softwaremedia.com/licensing/veritas/backup-exec-2015-capacity-edition-26-tb-12-months-standard-essential-windows.html?ovchn=FRO&utm_campaign=GGL_Prod_Listing&utm_source=GGL_Prod_Listing&utm_medium=CPC&utm_term=VT-13667M0312&gclid=CpQdzPitqsoCFYcWHwodffsGMg
0630 2 12 Conduit, F&I, Directional Bore	LF	\$ 16.35	810	330	1140	\$ 18,639.00	\$ 88,780.50	
0631 2 14 Conduit, F&I, Above Ground	LF	\$ 20.19	70	50	120	\$ 2,422.80	\$ 27,054.60	
0635 2 11 Pull & Splice Box, 13"x24"	EA	\$ 580.65	8	5	13	\$ 7,548.45	\$ 59,226.30	
0639 3 12 Elec serv Discon, F&I, Cabinet	EA	\$ 3,000.00	1	-	1	\$ 3,000.00	\$ 66,000.00	
0639 2 1 Electrical Service Wire	LF	\$ 1.93	7380	4350	11730	\$ 22,638.90	\$ 149,879.94	
COMMUNICATION INFRASTRUCTURE								
0630 2 11 Conduit, F&I, Open Trench	LF	\$ 5.66	-	-	0	\$ -	\$ 89,201.60	Server hardware cost is calculated based on online product prices: http://www.dell.com/us/business/p/poweredge-r930/pd?~ck=anav FDOT historic cost for 0639 3 12 Electrical service Disconnect, F&I, Cabinet is about \$ 1308. In most location TPAS project electric service is procured from the Rest area/weigh station building. Electric conduit installation near rest area/weigh station building may need coring through wall, conduit installation underneath sidewalk. Hence, 0639 3 12 Electrical service Disconnect, F&I, Cabinet is assumed to \$3000. 0633 3 16 Fiber Optic Conn Hdwr, patch Panel- FIE cost using 2012 FDOT Statewide 12 months moving average unit cost. 0102 1 Maintenance of Traffic: Assumption: Each TPAS sign 1 unit. CCTV pole installation 1 unit. MVDS pole installation 1 unit per weigh station site. TPAS parking in-ground sensors and relay node (repeater) poles installation 2 unit.
0630 2 12 Conduit, F&I, Directional Bore	LF	\$ 16.35	-	-	0	\$ -	\$ 56,244.00	
0631 2 14 Conduit, F&I, Above Ground	LF	\$ 20.19	50	50	100	\$ 2,019.00	\$ 15,950.10	
0635 2 13 Pull & Splice Box, 30"x60"	EA	\$ 2,603.62	-	-	0	\$ -	\$ -	
0635 2 12 Pull & Splice Box, 24"x36"	EA	\$ 1,183.79	8	3	11	\$ 13,021.69	\$ 125,481.74	
0633 1121 Fiber Optic Cable, F&I, UG, 2-12	LF	\$ 1.60	3520	1770	5290	\$ 8,464.00	\$ 84,352.00	
0633 2 31 Fiber Optic Connection, Install, Splice	EA	\$ 40.76	-	-	0	\$ -	\$ -	
0633 3 14 Fiber Optic Conn Hdwr, Buffer Tube Fan Out	EA	\$ 464.55	4	4	8	\$ 3,716.40	\$ 36,234.90	
0633 3 16 Fiber Optic Conn Hdwr, patch Panel- FIE	EA	\$ 1,053.43	3	3	6	\$ 6,320.58	\$ 67,419.52	
0633 3 17 Fiber Optic Conn Hdwr, Connector Panel	EA	\$ 117.32	3	3	6	\$ 703.92	\$ 7,508.48	
0684 5 1 Media Converter, Furnish & Install	EA	\$ 543.96	4	4	8	\$ 4,351.68	\$ 42,428.88	
0633 2 32 Fiber Optic Connection, Install, Term	EA	\$ 57.82	16	16	32	\$ 1,850.24	\$ 18,039.84	
MVDS								
0660 3 11 Vehicle Detection System - Micro, F&I, Cab	EA	\$ 936.98	-	-	0	\$ -	\$ 10,306.78	
0660 3 12 Vehicle Detection System - Micro, F&I, Abo	EA	\$ 6,894.97	-	-	0	\$ -	\$ 82,739.64	
0641 2 12 Prest Cnc Pole, F&I, Typ P-II Srv Pole	EA	\$ 1,350.44	-	-	0	\$ -	\$ 16,205.28	
0744 70 11 TMS Solar Power Unit, F&I, New Pole	EA	\$ 4,175.00	-	-	0	\$ -	\$ 16,700.00	
0684 2 1 Device Server, F&I	EA	\$ 1,190.27	-	-	0	\$ -	\$ 14,283.24	
0685 1 06 Sys Aux, F&I, Uninterruptible Pwr Source	EA	\$ 4,348.73	-	-	0	\$ -	\$ 39,138.57	
0684 6 11 Wireless Communication Device, F&I, Ethe	EA	\$ 4,594.68	-	-	0	\$ -	\$ 45,946.80	
CCTV								
0684 1 1 Managed Field Ethernet Switch, F&I	EA	\$ 2,271.24	1	1	2	\$ 4,542.48	\$ 56,781.00	
0685 1 06 Sys Aux, F&I, Uninterruptible Pwr Source	EA	\$ 4,348.73	1	1	2	\$ 8,697.46	\$ 100,020.79	
0676 2 122 ITS Cabinet, F&I, Pole, 336s	EA	\$ 5,963.52	1	1	2	\$ 11,927.04	\$ 101,379.84	
0676 2143 ITS Cabinet, F & I, Base with sun, 336s	EA	\$ 7,896.00	-	-	0	\$ -	\$ 15,792.00	
0660 3 11 Vehicle Detection System - Micro, F&I, Cab	EA	\$ 936.98	-	-	0	\$ -	\$ 1,873.96	
0641 3186 Concrete CCTV Pole, Fur&Ins w/Low	EA	\$ 20,528.57	1	1	2	\$ 41,057.14	\$ 390,042.83	
0682 1112 ITS CCTV Camera, F&I, Dome Encl-Pres	EA	\$ 9,450.00	1	1	2	\$ 18,900.00	\$ 189,000.00	
Truck Parking Spaces	EA	-	16	16	32		\$ -	
Truck Parking Measurement System								
Cost of a SensIT Flush mount sensor	EA	\$ 300.00	32	32	64	\$ 19,200.00	\$ 430,200.00	
Cost of SensIT IR sensor	EA	\$ 375.00	16	16	32	\$ 12,000.00	\$ 268,875.00	
In-ground sensor installation cost (SensIT Flush mount or SensIT IR sensors)	EA	\$ 60.00	48	48	96	\$ 5,760.00	\$ 129,060.00	
SensIT Relay Module cost for parking lot	EA	\$ 1,500.00	5	5	10	\$ 15,000.00	\$ 238,500.00	
SensIT Access Point IP65 GPRS	EA	\$ 4,500.00	1	1	2	\$ 9,000.00	\$ 121,500.00	
0660 3 11 Vehicle Detection System - Micro, F&I, Cab	EA	\$ 936.98	1	1	2	\$ 1,873.96	\$ 12,180.74	
0641 2 12 Prest Cnc Pole, F&I, Typ P-II Srv Pole	EA	\$ 1,350.44	5	5	10	\$ 13,504.40	\$ 189,061.60	
Installation, Certification, Integration and Testing (per site)	EA	\$ 39,000.00	1	1	2	\$ 78,000.00	\$ 741,000.00	
Initial Server Installation (1 for each District)	EA	\$ 61,750.00	-	-	1	\$ 61,750.00	\$ 308,750.00	
TPAS Server Cost (1 for each district) & TPAS Server Software Cost (1 for each district)	EA	\$ 51,182.00	-	-	1	\$ 51,182.00	\$ 255,910.00	
TPAS parking sensor Software License Cost (1 time cost \$84000.00 is distributed to over all(6) FDOT Districts)	EA	\$ 14,000.00	-	-	1	\$ 14,000.00	\$ 70,000.00	
Site licenses @ \$8000.00 per site	EA	\$ 12,490.00	1	1	2	\$ 24,980.00	\$ 237,310.00	
Truck Parking System Sign								
0700 2 16 Multi-Post Sign, F&I GM, 101-200 SF	AS	\$ 8,783.44	1	1	2	\$ 17,566.88	\$ 210,802.56	
0700 3106 Sign Panel, F&I, GM, 101-200 SF	EA	\$ 4,267.93	-	-	0	\$ -	\$ 4,267.93	
0700 11241 Elect Disp Sign, F&I, GM-SO, Elect Warn	AS	\$ 14,003.37	1	1	2	\$ 28,006.74	\$ 350,084.25	
0676 3 10 Small Equipment Enclosure, F&I, 10x13x11	EA	\$ 1,260.00	1	1	2	\$ 2,520.00	\$ 30,240.00	
0630 2 11 Conduit, F&I, Open Trench	LF	\$ 5.66	470	700	1170	\$ 6,622.20	\$ 53,656.80	
0630 2 12 Conduit, F&I, Directional Bore	LF	\$ 16.35	-	-	0	\$ -	\$ 17,004.00	
0631 2 14 Conduit, F&I, Above Ground	LF	\$ 20.19	20	20	40	\$ 807.60	\$ 9,691.20	
0635 2 11 Pull & Splice Box, 13"x24"	EA	\$ 580.65	1	1	2	\$ 1,161.30	\$ 14,516.25	
0635 2 12 Pull & Splice Box, 24"x36"	EA	\$ 1,183.79	1	1	2	\$ 2,367.58	\$ 28,410.96	
0639 2 1 Electrical Service Wire	LF	\$ 1.93	1530	2220	3750	\$ 7,237.50	\$ 67,453.50	
0633 1121 Fiber Optic Cable, F&I, UG, 2-12	LF	\$ 1.60	720	900	1620	\$ 2,592.00	\$ 25,216.00	
0633 3 14 Fiber Optic Conn Hdwr, Buffer Tube Fan Out	EA	\$ 464.55	2	2	4	\$ 1,858.20	\$ 19,511.10	
0633 3 16 Fiber Optic Conn Hdwr, patch Panel- FIE	EA	\$ 1,053.43	2	2	4	\$ 4,213.72	\$ 44,244.06	
0633 3 17 Fiber Optic Conn Hdwr, Connector Panel	EA	\$ 117.32	2	2	4	\$ 469.28	\$ 4,927.44	
0684 5 1 Media Converter, Furnish & Install	EA	\$ 543.96	2	2	4	\$ 2,175.84	\$ 26,110.08	
0633 2 32 Fiber Optic Connection, Install, Term	EA	\$ 57.82	8	8	16	\$ 925.12	\$ 9,713.76	
0744 70 11 TMS Solar Power Unit, F&I, New Pole	EA	\$ 4,175.00	-	-	0	\$ -	\$ 12,525.00	
0102 1 Maintenance of Traffic	DA	\$ 687.71	4	4	8	\$ 5,501.68	\$ 61,206.19	
Sub-Total			\$242,957.94	\$215,375.64		\$ 585,265.58	\$ 6,109,264.85	
Server installation and software license cost per District			\$126,932.00					