Total Costs

Deployment	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	Total
Deployment Costs	\$34,735,000	\$23,181,000	\$9,580,000	\$15,610,000	\$9,020,000	\$0	\$0	\$0	\$380,000	\$0	\$0	\$92,506,000
Operations												
Funding Levels	\$16,201,645	\$16,571,234	\$16,645,721	\$16,909,192	\$17,555,739	\$17,967,451	\$18,393,426	\$16,567,757	\$17,033,548	\$17,757,906	\$18,250,934	\$189,854,553
Personnel Costs	\$11,732,000	\$12,005,000	\$11,980,000	\$12,266,000	\$12,557,000	\$12,860,000	\$13,174,000	\$11,483,000	\$11,830,000	\$12,182,000	\$12,549,000	\$134,618,000
Operational Expense (TMC & Equipment)	\$3,219,645	\$3,316,234	\$3,415,721	\$3,518,192	\$3,623,739	\$3,732,451	\$3,844,426	\$3,959,757	\$4,078,548	\$4,200,906	\$4,326,934	\$41,236,553
Hardware / Software Costs	\$1,250,000	\$1,250,000	\$1,250,000	\$1,125,000	\$1,375,000	\$1,375,000	\$1,375,000	\$1,125,000	\$1,125,000	\$1,375,000	\$1,375,000	\$14,000,000
Replacement												
Equipment Replacement Costs	\$15,000,000	\$1,292,000	\$3,839,000	\$4,073,000	\$2,874,000	\$13,944,000	\$10,327,000	\$10,109,000	\$17,961,000	\$28,798,000	\$38,120,000	\$146,337,000

Funding Categories
Deployment Costs
Proposed Funding Levels
Equipment Replacement Costs

					Distric	et 1 Costs							
Deployme	ent	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	Total
Deployment C	Costs (Work Program)	\$33,805,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$33,805,000
	Closed Circuit TV Camera (CCTV)	66	0	0	0	0	0	0	0	0	0	0	66
	Detectors	87	0	0	0	0	0	0	0	0	0	0	87
Deployment	Dynamic Message Sign (DMS)	26	0	0	0	0	0	0	0	0	0	0	26
Inventory	Highway Advisory Radio (HAR)	9	0	0	0	0	0	0	0	0	0	0	9
	Traffic Management Center (TMC)	1	0	0	0	0	0	0	0	0	0	0	1
	Roadway Weather Information System (RWIS)	2	0	0	0	0	0	0	0	0	0	0	2
Operation	ns												
Funding Leve	els	\$1,962,051	\$2,017,772	\$2,073,965	\$2,007,644	\$2,317,824	\$2,379,518	\$2,443,744	\$2,259,516	\$2,327,852	\$2,646,767	\$2,718,280	\$25,154,933
Personnel Cos	sts	\$1,313,000	\$1,353,000	\$1,393,000	\$1,435,000	\$1,478,000	\$1,522,000	\$1,568,000	\$1,615,000	\$1,664,000	\$1,713,000	\$1,764,000	\$16,818,000
Operational E	Operational Expense (TMC & Equipment)		\$539,772	\$555,965	\$572,644	\$589,824	\$607,518	\$625,744	\$644,516	\$663,852	\$683,767	\$704,280	\$6,711,933
Hardware / So	Hardware / Software Costs		\$125,000	\$125,000	\$0	\$250,000	\$250,000	\$250,000	\$0	\$0	\$250,000	\$250,000	\$1,625,000
Replacem	ent												
Equipment Re	eplacement Costs	\$525,000	\$125,000	\$125,000	\$543,000	\$125,000	\$5,794,000	\$2,164,000	\$250,000	\$2,151,000	\$2,003,000	\$3,392,000	\$17,197,000
		33 CCTV			34 CCTV		106 CCTV	165 CCTV		10 DMS	34 CCTV	109 CCTV	
		33 Encoders			34 Encoders		106 Encoders	165 Encoders		5 HAR	34 Encoders	109 Encoder	
		16 Decoders			17 Decoders		51 Decoders	83 Decoders		72 Detectors	17 Decoders	26 DMS	
							124 Detectors				218 Field layer Sw	5 HAR	
							28 DMS				1 CCTV Sw	7 Dist Sw/Rtr	
Inventory (Re	eplacement)						3 HAR				1 Video wall Sw	109 MVDS	
											12 PC wkstn	2 Core Sw/Rtr	
											8 Servers	96 Media Conv	
											1 Video Wall	30 Device Serv	
											1 Router		

District 2 Costs

Deployme	nt	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	Total
Deployment C	osts (Work Program)	\$0	\$9,691,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,691,000
	Closed Circuit TV Camera (CCTV)	0	25	0	0	0	0	0	0	0	0	0	25
	Detectors	0	60	0	0	0	0	0	0	0	0	0	60
Deployment	Dynamic Message Sign (DMS)	0	12	0	0	0	0	0	0	0	0	0	12
Inventory	Highway Advisory Radio (HAR)	0	1	0	0	0	0	0	0	0	0	0	1
	Traffic Management Center (TMC)	0	0	0	0	0	0	0	0	0	0	0	0
	Roadway Weather Information System (RWIS)	0	4	0	0	0	0	0	0	0	0	0	4
Operation	ıs												
Funding Leve	ls	\$1,312,603	\$1,349,021	\$1,385,692	\$1,423,622	\$1,461,821	\$1,502,296	\$1,544,055	\$1,586,106	\$1,630,459	\$1,675,123	\$1,722,107	\$16,592,905
Personnel Cos	ts	\$907,000	\$935,000	\$963,000	\$992,000	\$1,021,000	\$1,052,000			\$1,150,000	\$1,184,000	\$1,220,000	\$11,624,000
	xpense (TMC & Equipment)	\$280,603	\$289,021	\$297,692	\$306,622	\$315,821	\$325,296	\$335,055		\$355,459	\$366,123	\$377,107	\$3,593,905
Hardware / So	oftware Costs	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$1,375,000
Replacem	ent												
Equipment Re	placement Costs	\$0	\$0	\$0	\$0	\$0	\$1,507,000			\$3,277,000			\$25,698,000
							8 DMS		45 CCTV			181 CCTV	
							67 Detectors		45 Encoders			181 Encoder	
							2 HAR		22 Decoders	41 VVDS		30 Decoder	
							7 CCTV	10 Wkstations	10 Wkstations	-		265 MFES	
							7 Encoders		130 Detectors	50 (4 port) srv		2 Vid Wall Cont	
							3 Decoders		23 DMS			76 DMS	
									1 ODTR			5 DMS Stret Full	
												71 DMS Strct Cant	
										10 Routers		2 HAR	
										5 Servers	2 DMS	6 Wk Stion	
Inventory (Re	placement)											6 Wk Stion Cons	
	· ,									90 CCTV		16 Server	
												2 Vid Wall	
												25 Dist Sw/Rtr	
												365 MVDS	
	•											2 Core Sw/Rtr	
	•											150 Cam Low Dev	
	}											67 Med Conv	
	}											215 Dev Serv	
	}											2 Aud Equ	
	}											1 ODTR 8 RWIS	
									1			OLWA 0	

District 3 Costs

Deployme	ent	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	Total
Deployment (Costs (Work Program)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Closed Circuit TV Camera (CCTV)	0	0	0	0	0	0	0	0	0	0	0	0
	Detectors	0	0	0	0	0	0	0	0	0	0	0	0
Deployment	Dynamic Message Sign (DMS)	0	0	0	0	0	0	0	0	0	0	0	0
Inventory	Highway Advisory Radio (HAR)	0	0	0	0	0	0	0	0	0	0	0	0
	Traffic Management Center (TMC)	0	0	0	0	0	0	0	0	0	0	0	0
	Roadway Weather Information System (RWIS)	0	0	0	0	0	0	0	0	0	0	0	0
Operation	ns												
Funding Leve	els	\$3,570,945	\$3,596,714	\$3,621,895	\$3,649,502	\$3,676,547	\$3,705,043	\$3,735,005	\$1,755,445	\$1,800,378	\$1,846,820	\$1,894,785	\$32,853,079
Personnel Co	sts	\$2,862,000	\$2,874,000	\$2,885,000	\$2,898,000	\$2,910,000	\$2,923,000	\$2,937,000	\$941,000	\$969,000	\$998,000	\$1,028,000	\$24,225,000
Operational I	Expense (TMC & Equipment)	\$458,945	\$472,714	\$486,895	\$501,502	\$516,547	\$532,043	\$548,005	\$564,445	\$581,378	\$598,820	\$616,785	\$5,878,079
Hardware / S	oftware Costs	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$2,750,000
Replacem	ent												
Equipment R	eplacement Costs	\$0	\$0	\$0	\$0	\$0	\$308,000	\$493,000	\$398,000	\$0	\$2,596,000	\$22,000	\$3,817,000
							24 CCTV	21 CCTV	3 DMS		41 CCTV	3 CCTV	
							24 Encoders	21 Encoders	13 Wk Stn PC		41 encoders	3 Encoders	
							11 Decoders	10 Decoders			1 decoder	1 Decoder	
							3 Detectors	40 Field Sw			41 MFES		
							3 Wk Stn PCs	5 Servers			11 servers		
								2 Routers			1 Router		
Inventory (Re	eplacement)							40 (4 prt)			55 Dev Svr		
								1 CCTV Sw			1 Vid Wall Sw		
											12 DMSs		
											88 detectors		
											1 video wall		
											3 Wkstn Con		
											3 Wkstn PC		

District 4 Costs

FY 21/22 Total SO SO SO O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O O
\$0 \$0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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\$2 \$3,432,229 \$33,077,130
00 \$2,439,000 \$23,244,000
82 \$743,229 \$7,083,130
00 \$250,000 \$2,750,000
00 \$1,121,000 \$21,203,000
49 CCTV
49 Encoder
10 Decoder
49 MFES
15 Wkstation
5 Server
8 Dist Sw/Rtr
13 MVDS
1 Core Sw/Rtr
49 Low Dvc
49 Dvc Server
3 RWIS
0(58 0(

District 5 Costs

Deployme	nt	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	Total
Deployment C	osts (Work Program)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Closed Circuit TV Camera (CCTV)	0	0	0	0	0	0	0	0	0	0	0	0
	Detectors	0	0	0	0	0	0	0	0	0	0	0	0
Deployment	Dynamic Message Sign (DMS)	0	0	0	0	0	0	0	0	0	0	0	0
Inventory	Highway Advisory Radio (HAR)	0	0	0	0	0	0	0	0	0	0	0	0
	Traffic Management Center (TMC)	0	0	0	0	0	0	0	0	0	0	0	0
	Roadway Weather Information System (RWIS)	0	0	0	0	0	0	0	0	0	0	0	0
Operation	as												
Funding Leve	ls	\$1,312,603	\$1,349,021	\$1,385,692	\$1,423,622	\$1,461,821	\$1,502,296	\$1,544,055	\$1,586,106	\$1,630,459	\$1,675,123	\$1,722,107	\$16,592,905
Personnel Cos	ts	\$907,000	\$935,000	\$963,000	\$992,000	\$1,021,000	\$1,052,000	\$1,084,000	\$1,116,000	\$1,150,000	\$1,184,000	\$1,220,000	\$11,624,000
Operational E	xpense (TMC & Equipment)	\$280,603	\$289,021	\$297,692	\$306,622	\$315,821	\$325,296	\$335,055	\$345,106	\$355,459	\$366,123	\$377,107	\$3,593,905
Hardware / So	oftware Costs	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$1,375,000
Replacem	ent												
Equipment Re	eplacement Costs	\$3,972,000	\$0	\$2,183,000	\$0	\$0	\$1,076,000	\$2,918,000	\$1,017,000	\$1,756,000	\$4,398,000	\$11,686,000	\$29,006,000
		37 CCTV		15 Encoders				62 Encoders	92 Encoders	103 CCTV		148 CCTV	
		33 Field Sw		12 Field Sw				10 Decoders				148 Encoders	
		30 DMS		108 Loops			1	50 Field Sw				237 MFES	
		210 Loops	16 DMS					13 Servers				66 DMS	
								312 Loops		1	20 DMS	76 DMS Cant	
								16 DMS	2 CCTV			38 Wk Stn	
							13 Servers					6 Servers	
												44 Dist Sw/Rtr	
Inventory (Re	nlacement)											60 VVDS	
												76 MVDS	
											13 Dev Svr	40 Loops	
												4 Core Sw/Rtr	
												204 Media Conv	
												52 Dev Svr	
												1 RWI Pnl	
												3 ODTR	
												1 SAN	
												112 AVI Rdr	

District 6 Costs

Deployme	ent	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	Total
Deployment (Costs (Work Program)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$380,000	\$0	\$0	\$380,000
	Closed Circuit TV Camera (CCTV)	0	0	0	0	0	0	0	0	0	0	0	0
	Detectors	0	0	0	0	0	0	0	0	0	0	0	0
Donlovmont	Dynamic Message Sign (DMS)	0	0	0	0	0	0	0	0	0	0	0	0
Deployment Inventory	Highway Advisory Radio (HAR)	0	0	0	0	0	0	0	0	0	0	0	0
Inventory	Traffic Management Center (TMC)	0	0	0	0	0	0	0	0	0	0	0	0
	Ramp Meters	0	0	0	0	0	0	0	0	0	0	0	0
	Roadway Weather Information System (RWIS)	0	0	0	0	0	0	0	0	0	0	0	0
Operation	18												
Funding Lev	els	\$1,187,603	\$1,224,021	\$1,260,692	\$1,298,622	\$1,336,821	\$1,377,296	\$1,419,055	\$1,461,106	\$1,505,459	\$1,550,123	\$1,597,107	\$15,217,905
Personnel Co	sts	\$907,000	\$935,000	\$963,000	\$992,000	\$1,021,000	\$1,052,000	\$1,084,000	\$1,116,000	\$1,150,000	\$1,184,000	\$1,220,000	\$11,624,000
Operational I	Expense (TMC & Equipment)	\$280,603	\$289,021	\$297,692	\$306,622	\$315,821	\$325,296	\$335,055	\$345,106	\$355,459	\$366,123	\$377,107	\$3,593,905
Hardware / S	oftware Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Replacem	ent												
Equipment R	eplacement Costs	\$447,000	\$821,000	\$570,000	\$622,000	\$128,000	\$724,000	\$1,517,000	\$1,070,000	\$998,000	\$11,708,000	\$1,796,000	\$20,401,000
		27 CCTV	59 CCTV	18CCTV	6 CCTV	6 CCTV	27 CCTV	86 CCTV	59 CCTV	34 CCTV	14 CCTV	57 CCTV	
		27 Encoders	59 Encoders	18 Encoders	6 Encoders	6 Encoders	27 Encoders	86 Encoders	59 Encoders	34 Encoders	14 Encoder	57 Encoders	
		27 Field Sw	19 Med Conv	18 Field Sw	6 Field Sw	6 Field Sw	27 Field Sw	86 Field Sw	19 Med Conv	3 Decoders	131 Field Sw	65 Wk Stn	
		20 Med Conv	32 Routers	5 Servers	1 Vid Wall Sw	5 Servers	20 Med Conv	39 Med Conv	32 Routers	6 Field Sw	59 DMS	8 Wk Stn Consl	
			59 Field Sw	80 Loops	6 VVDS		1 ODTR	32 Routers	59 Field Sw	40 VVDS		6 Server	
Inventory (Re	enlacement)			18 Med Conv	5 Servers					5 Server	1 HAR	65 MVDS	
inventory (IX	placement)			1 SAN	1 Video Wall					1 ODTR	202 Radar Det	135 Loops	
											22 Ramp Meter	2 Ramp Meter	
											,	57 Lower Dvc	
											,	22 Med Conv	
											4 3by18 DMS	65 Dev Svr	
											1 Core Sw	1 SAN	

District 7 Costs

D 1					T								
Deployme	ent	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	Total
Deployment (Costs (Work Program)	\$930,000	\$13,490,000	\$9,580,000	\$15,610,000	\$9,020,000	\$0	\$0	\$0	\$0	\$0	\$0	\$48,630,000
	Closed Circuit TV Camera (CCTV)	8	6	16	11	10	0	0	0	0	0	0	51
	Detectors	33	14	50	17	12	0	0	0	0	0	0	126
Deployment	Dynamic Message Sign (DMS)	10	3	14	11	6	0	0	0	0	0	0	44
Inventory	Highway Advisory Radio (HAR)	0	0	0	0	0	0	0	0	0	0	0	0
	Traffic Management Center (TMC)	0	0	0	0	0	0	0	0	0	0	0	0
	Roadway Weather Information System (RWIS)	0	0	0	0	0	0	0	0	0	0	0	0
Operation	ns												
Funding Leve		\$1,612,602	\$1,649,020	\$1,385,691	\$1,423,622	\$1,461,821	\$1,502,295	\$1,544,054	\$1,586,106	\$1,630,459	\$1,675,123	\$1,722,107	\$17,192,900
Personnel Co	sts	\$1,207,000	\$1,235,000	\$963,000	\$992,000	\$1,021,000	\$1,052,000	\$1,084,000	\$1,116,000	\$1,150,000	\$1,184,000	\$1,220,000	\$12,224,000
Operational I	Expense (TMC & Equipment)	\$280,602	\$289,020	\$297,691	\$306,622	\$315,821	\$325,295	\$335,054	\$345,106	\$355,459	\$366,123	\$377,107	\$3,593,900
Hardware / S	oftware Costs	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$1,375,000
Replacem	ent												
Equipment R	eplacement Costs	\$926,000	\$0	\$0	\$0	\$0	\$1,496,000	\$1,072,000	\$659,000	\$1,527,000	\$2,096,000	\$2,624,000	\$10,400,000
		33 CCTV					56 CCTV	41 CCTV	30 CCTV	52 CCTV	11 CCTV	55 CCTV	
		33 Encoders					56 Encoders	41 Encoders	30 Encoders	52 Encoders	11 Encoders	55 Encoder	
		19 Decoders					29 Decoders	23 Decoders	15 Decoders	26 Decoders	4 Decoders	1 Decoder	
		55 VVDS					80 VVDS	55 VVDS	9 VVDS	69 VVDS	8 DMS	133 MFES	
							2 Detectors		66 Field Sw			13 DMS	
									3 Servers			1 HAR	
Inventory (Re	enlacement)											3 Wkstn	
inventory (ix	placement)										74 MVDS	8 Server	
											2 Core Sw	7 Dist Sw/Rtr	
												108 MVDS	
												3 Core Sw/Rtr	
												26 Low Dev	
												145 Dev Svr	
												1 SAN	
													

Florida's Turnpike Enterprise Costs

Deployme	nt	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	Total
Deployment C	Costs (Work Program)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Closed Circuit TV Camera (CCTV)	0	0	0	0	0	0	0	0	0	0	0	0
	Detectors	0	0	0	0	0	0	0	0	0	0	0	0
Deployment	Dynamic Message Sign (DMS)	0	0	0	0	0	0	0	0	0	0	0	0
Inventory	Highway Advisory Radio (HAR)	0	0	0	0	0	0	0	0	0	0	0	0
	Traffic Management Center (TMC)	0	0	0	0	0	0	0	0	0	0	0	0
	Roadway Weather Information System (RWIS)	0	0	0	0	0	0	0	0	0	0	0	0
Operation	IS												
Funding Leve	els	\$2,625,205	\$2,697,041	\$2,770,382	\$2,845,244	\$2,923,641	\$3,003,590	\$3,086,108	\$3,171,211	\$3,258,917	\$3,349,245	\$3,442,212	\$33,172,796
Personnel Cos	ets	\$1,814,000	\$1,869,000	\$1,925,000	\$1,982,000	\$2,042,000	\$2,103,000	\$2,166,000	\$2,231,000	\$2,298,000	\$2,367,000	\$2,438,000	\$23,235,000
Operational E	expense (TMC & Equipment)	\$561,205	\$578,041	\$595,382	\$613,244	\$631,641	\$650,590	\$670,108	\$690,211	\$710,917	\$732,245	\$754,212	\$7,187,796
Hardware / So	oftware Costs	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$2,750,000
Replacem	ent												
Equipment Re	eplacement Costs	\$4,450,000	\$346,000	\$961,000	\$759,000	\$2,621,000	\$1,775,000	\$175,000	\$806,000	\$658,000	\$3,502,000	\$2,562,000	\$18,615,000
		24 DMS	2 Gb Sw	2 Vid Wall Sw	73 CCTV	9 DMS	2 Gb Sw	2 Gb Sw	2 Routers	73 CCTV	23 DMS	66 CCTV	
		160 CCTV	4 Servers	2 Wkstn Cons	73 Encoders	155 CCTV	12 Field Sw	4 Servers	86 CCTV	73 Encoder	6 Field Sw	66 Encoders	
		160 Encoders	2 Impath T5000	2 Routers	2 Gb Sw	155 Encoders	162 Encoders	1 OTDR	86 Encoders	2 Field Sw	79 CCTV	66 MFES	
		2 Servers	2 Servers	86 CCTV	2 Field Sw	2 HAR	2 Servers		3 Decoders	2 Server	79 Encoders	15 DMS	
		7 Field Sw	2 Audio Sw	86 Encoders	2 Servers	2 Servers	162 CCTV					4 HAR	
Inventory (Re	placement)	2 Gb Sw	2 RWI Panels	3 Decoders			1 Decoder					57 MVDS	
							2 RWI Panels					1 Core Sw/Rtr	
			2 RWI Panels				2 Impath T5000					57 Med Conv	
							2 Audio Sw					51 Dev Svr	
							2 Detectors					1 SAN	
												51 AVI Rdr	