

Pinellas County ITS/ATMS PROJECTS – Cost/Revenue (Draft)

I. Advanced Traffic Management System Projects					
Project NO	Project	Cost	Revenue	Equipment	Project Status
FPN 4062551 (Countywide ATMS)	S.R. 60 (Phase 1, Stage 1) • Hillcrest Ave. to Damascus Dr. (16 adaptive control) US HWY 19 • Seville Blvd. to Haines Bayshore Rd. (5 adaptive control)	\$5.5 million	CLW FE/CMAQ (\$2.8 million Clearwater Earmark, \$1.1 million Clearwater Local Funds, \$1.6 million in CMAQ for match)	Total 21 adaptive control signals, 7 CCTVs, 1 DMS, fiber optic Bayshore to Clearwater TOC, system software and computer hardware	Deployed in 2004/05. Should be in full operation in Mid 2006.
FPN 4084191 (Clearwater ATMS) (1)	US HWY 19 (Phase 1, Stage 1) • Beckett Way to Republic Dr. • US 19/34th St. – St. Petersburg	\$6.5 million	100% CMAQ Grant Funds	10 adaptive control Signals, 13 CCTVs on US HWY 19 N, 4 CCTVs on 34 th St., 3 DMS, fiber in existing conduit, TOC system software and hardware – TOC Mods	Beckett Way to Republic Dr. Deployed in 2004/05. Should be in full operation in Mid 2006.
CIP Project No 743 (2)	Early Fiber Project (Phase 1 Stage 2a)	\$0.8 million	\$0.4 million in CIGP grant money, \$0.4 million in Pinellas County Local Match Funds	Fiber installed in conduit PC TOC to Drew St. & McMullen Booth, McMullen Booth from SR60 to Curlew Rd., Curlew Rd. from McMullen to US HWY 19, East Lake Rd. from Curlew Rd. to Keystone Rd. Wireless connection Keystone Rd. to Trinity Rd. 6 CCTVs, 20 miles of fiber	CST 2002/03 Deployment completed in 2004
	C.R. 611 (Phase 1, Stage 2a) • Keystone Rd. to SR 60	\$6.2 million	\$3.1 million in CIGP grant money, \$3.1 million in Pinellas County Local Match Funds	27 adaptive control signals 14 CCTVs 5 DMS	Design 60%. Construction end by 2006
FPN 4062552 (1)	US HWY 19 (Phase 1, Stage 2) • Haines Bayshore to 44th Ave. N	PE \$1,225,000 CST \$3,282,282	US HWY 19 FE	Install new fiber optical cable, 8 intersections, 12 CCTVs, 4 DMS	Approx. completion 01/2008
FPN 4084192 (3)	S.R. 60 (Phase 1, Stage 2) • Memorial Causeway to Highland Ave • Drew St. and Cleveland St.	\$6.3 million			Design 2005 CST 2008
FPN 4062553 (3)	US HWY 19 (Phase 1, Stage 3) SR 60 to SR 580	\$1.65 million	Federal Funds	Complete the last portion of US HWY 19 ATMS in Pinellas	PE 2005 CST 2007
FPN 4062554 (3)	Pinellas County ATMS	CST \$925,000		\$250,000 for Maintenance and Operations of ATMS projects and \$750,000 for converting existing mainframe to PC-based system	CST 2005
FPN 2570502 (5)	SR 688 (Ulmerton Rd.) • Oakhurst Ave. to 119 th Ave. (2.34 miles)	\$210,000	DIH \$1,000 XU \$200,000	Communications conduit and poles only, no ATMS devices. (Install new fiber, 22 adaptive control signals, 15 CCTVs, 6 DMS for entire Ulmerton Road. Will be installed as part of the Ulmerton Rd. widening projects)	PE 2009/11
(3)	US HWY 19 S (34 th St.) 49 th St. (SR 611) (Phase 1, Stage 4)	\$3.4 million \$2.0 million	Unfunded		
(3)	66 th St. from US HWY 19 to Corey Causeway	\$7.5 million	Federal Funds (Pending)	Deploy Full ATMS Framework	
FPN 4206281 (4)	Next Priority Corridors (Phase 2, Stage 1)	\$20 million	SAFETEA-LU \$3.75 million		
FPN 4206282 (5)	ITS Primary Control Center	\$12,849,200	SAFETEA-LU HPP \$2,138,200 LF \$10,711,000	911 dispatch; Sheriff dispatch; Fire and Ambulance dispatch; Backup EOC; ITS Primary Control Center	2008-2010

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II. Freeway Management System Projects					
Project NO	Project	Cost	Revenue	Equipment	Project Status
FPN 4072332 (1)	Tampa Bay SunGuide Phase I I-275 (S.R. 93): 54th Ave. N to Kennedy Blvd. (11.078 miles)	PE \$410,951 CST \$7,286,356 CEI \$836,000	\$7.1M DI	8 DMS, 13 CCTVs, 46 Detectors	PE 2004/05; CST 2005; CEI 2005. The approximate operational date is May to September 2006.
FPN 4072334 (1) (5)	Tampa Bay SunGuide Phase II • I-275 (S.R. 93): 54th Ave. S to 54th Ave. N (8.077 miles)	PE \$500,581 CST \$4,286,551 RRU \$15,000 CEI \$360,000	\$4.9M NHAC	10 DMS 9 CCTVs 19 Detectors	PE 2004/05; CST 2006/07; RRU 2006; CEI 2007. The approximate operational date is March 2007 to December 2009.
FPN 4072335 (1) (5)	Tampa Bay SunGuide Phase III I-275 (S.R. 93): S of Sunshine Skyway Br. To 54th Ave. S (8.874 miles)	PE \$380,000 CST \$6,608,059 CEI \$604,000	\$2.8M EBNH \$6.1M NHAC	4 DMS 12 CCTVs 24 Detectors	PE 2005; CST 2009; CEI 2009. The approximate completion date is July 2010.
FPN 4109702 (1)	Tampa Bay SunGuide Phase V • Gandy Blvd. (SR 600): I-275 to Hillsborough County Line	PE \$380,000 CST \$2,210,000			
FPN 4109712 (1)	Tampa Bay SunGuide Phase V • Courtney Campbell Causeway (SR60): Bayside Bridge to Hillsborough County Line	PE \$170,000 CST \$2,050,000			

III. PSTA Transit Projects					
Project NO	Project	Cost	Revenue	Equipment	Project Status
FPN 4131741 (1,2)	Automatic Vehicle Locators & Monitors	\$4,181,620	FTA (100%)	191 mobile units 2 monitoring stations APTS8 Transit Traveler Information	Installed AVLs in 2002/03 (FPN 4031481) Immediate (0 to 5 years)
	Transit System Management			Wireless LAN communications 2 BRT routes and 20 BRT vehicles APTS1 Transit Vehicle Tracking APTS2 Transit Fixed-Route Operations APTS6 Transit Maintenance Expanding signal priority	Transit signal priority is immediate (0 to 5 years).
	Electronic Payment System	\$2,725,600 (Replacement cost)	FTA (100%)	APTS4 Passenger and Fare Management 196 fareboxes, Smart cards.	Near term (5 to 10 years) to long term (10 to 20 years)
	Automatic Passenger Counters	\$600,000	FTA (100%)	APTS4 Passenger and Fare Management 20 APC units now; 20-40 more	Installed APCs 2002/03 (FPN 4131741) Immediate (0 to 5 years)
	Transit Security Systems			APTS5 Transit Security CCTV cameras and recorders, DVRs	Live to Transit Center immediate (0 to 5 years), live to police near term (5 to 10).

- (1) Florida Department of Transportation District 7 Draft SITSA (Statewide Intelligent Transportation System Architecture) Project Concepts.
- (2) Pinellas County MPO Transportation Improvement Programs, FY 2001/02 through FY 2005/06.
- (3) Pinellas County ATMS Stage 2 Status Update, Lochner Engineers and Planners.
- (4) SAFETEALU Pinellas Countywide Intelligent Transportation System – Phase II
- (5) Florida Department of Transportation District 7 Five-Year Tentative Work Program as of November 29, 2005

Legend:

APTS = Advanced Public Transit System
 BRT = Bus Rapid Transit
 CCTV = Closed Circuit Television
 CEI = Construction, Engineering & Inspection
 CIGP = County Incentive Grant Program

CLW FE = Federal Earmark for Clearwater SR 60
 CMAQ = Congestion Mitigation Air Quality
 CST = Construction
 DI = St. SW Intra/Interstate Hwy
 DMS = Dynamic Message Signs

FDOT = Florida Dept. of Transportation
 FPN = Financial Project Number
 FTA = Federal Transit Administration
 LF = Local Funds
 MGNH = Minimum Guarantee for NH

NHAC = National Highway Act
 PE = Preliminary Engineering
 RRU = Railroad/Utilities
 TOC = Traffic Operations Center
 US 19 FE = Federal Earmark for US 19