ITS Projects

MORPC TIP	Project Title	Stakeholder	Project Description	Market Package
102	Signal Phase C	City of Columbus	Expand the CTSS to include up to 235 additional intersections and up to 12 new pan-tilt-zoom surveillance cameras. Some coaxial cable will be replaced with fiber-optic cable throughout the system. Constructing of ADA ramps.	
				ATMS03-1
1373	Regional Signal System Timing Upgrade	Franklin County	Conduct timing studies on major signal locations to improve signalization within Franklin County.	
				ATMS03-3
1376	Paving the Way	City of Columbus	SFY08-11, Program Administration, to keep motorists informed on the progress of transportation construction throughout Central Ohio and to improve planning and communication of construction projects.	
				MC07-1
				MC10-2
				MC10-1
				MC08-2
				ATIS01-1
				ATIS01-2
				MC07-5
				MC08-1
1396, 0325	Computer Aided Dispatch / Transit	COTA	Computer Aided Dispatch/Advanced Vehicle Location includes Electronic Manifest Interface, Vehicle Component Monitoring and Common Logon. This project needs to be completed to support future ITS projects.	
				APTS02-1
				APTS01-1
				APTS06-1
				APTS10-1
151	Signal Phase B	City of Columbus	Following the framework laid out in the CTSS study, replace the CTSS central computer system and central control software adding up to 350 intersections and installing up to 20 new PTZ surveillance cameras to the new system. Construction of ADA ramps.	
				ATMS03-1
1532	COTA Smart Card	COTA	Smart Card implementation and Fare Box replacement	
				APTS04-2
				APTS04-1
1755	US-40 at Columbia Rd Signalization	ODOT District 5	Project includes signalization of another intersection outside the planning area, on SR-37 in Fairfield County.	
				ATMS03-2
729	COTA 1 Bus Purchase	COTA	Transit Purchase, of replacement bus, (old COTA ITS for $160,000 with MORPC CMAQ)	
				APTS02-1
				APTS01-1

MORPC TIP	Project Title	Stakeholder	Project Description	Market Package
931	Signal Phase A	City of Columbus	Install fiber-optic cable, conduit, and field devices along the interstate system to serve as a communications backbone for the new traffic signal system in the region.	
				ATMS03-1
932	Signal Phase D	City of Columbus	Following the framework in the CTSS study, continue the transition of traffic signals on the CTSS from coaxial communications to the proposed fiber-optic communications network. Major work includes the construction of the fiber optic network.	
				ATMS03-1
N/A	Signal Assessment	Franklin County	Isolated Signal Assessment Project (ISAP)	
				ATMS03-3
N/A	Access to Intersection Information	OSU T&P	Install Econolite Software to provide read-only access of intersection information back to OSU T&P and Public Safety dispatch areas.	
				ATMS03-4
N/A	COTA Smart Card-Assessment	COTA	Smart Card/Electronic Fare Payment Preliminary Engineering Design Study.	
				APTS04-1
				APTS04-2
N/A	CAD/AVL Enhancement	COTA	Consulting Services for Systems Engineering Design and Specifications for the ITS Communications System (CAD/AVL) replacement project.	
				APTS01-1
				APTS02-1
N/A	COTA Traveler Information	COTA	Dynamic Message Signs at Park-n-Rides and Transit Centers with next bus information.	
				APTS08-1
N/A	US-62 at Walton Parkway Signalization	New Albany	Install new traffic signalization system including posts and mast arms and associated pavement improvements.	
				ATMS03-3
N/A	Signalization Interconnect	New Albany	Project proposes to interconnect 21 signalized intersections on New Albany's arterial street system, install a traffic signal master computer and closed circuit television monitoring at select locations.	
				ATMS03-3
447	On-Board Computers	DATA	Install On-board computers in each bus. This will allow for expansion of the system to provide: 1) real-time dispatching, 2)On-board mapping, 3) Electronic fare collection, 4) AVL, 5) passenger information regarding community services available.	
				APTS01-2
				APTS04-2
				APTS02-2
				APTS03-2
N/A	Central Ohio Traveler Information	MORPC	Design and manage a multi-modal traveler information system for the Central Ohio region.	
				EM10-1
				APTS08-1
				ATIS01-2
				EM06-1

MORPC TIP	Project Title	Stakeholder	Project Description	Market Package
				EM06-3
				EM06-5
				EM06-6