

Table 1.0: MOA REGIONAL ITS ARCHITECTURE PROJECT IMPLEMENTATION

Projects Included in AMATS 04-06 TIP Approved 1-05

Related Links: MOA Regional ITS Architecture (Chapter 5 of Final Report): <http://www.muni.org/transplan/ITSLibrary.cfm>

AMATS TIP: <http://www.muni.org/transplan/TIP.cfm>

National ITS Architecture: <http://www.iteris.com/itsarch/index.htm>

MOA ITS Architecture Project by Pgm. Area	MOA ITS Architecture Project Description & High-Level Functional Requirements	Related ITS Project 04-06 TIP	Agency Responsible for Implementation / Operations	Contact
Year-Round Operations Traffic Signal System	Project Description: p. 5-7 Functional Requirements: Market Packages: p. 5-13 User Services: p. 5-22	Table 5, CMAQ Project 18 Traffic Control Signalization	MOA Traffic Department Signals Division	John Crapps Signals Manager
HRI Warning & Preemption	Project Description: p. 5-7 Functional Requirements: Market Packages: p. 5-13 User Services: p. 5-22-23	Table 8, Other Project C Rail Extensions, Signalization and Remotely Controlled Power Switches	Implementation: ARRC Projects, Engineering, Technology and Signals Operations: MOA Traffic Department Signals Division	Eileen Reilly, VP for Projects, Engineering, Technology & Signals Russ Frazier, Director, Signaling & Telecommunications Tom Brooks, Chief, Engineering Services John Crapps Signals Manager
Smart Fare Box	Project Description: p. 5-8 Functional Requirements: Market Packages: p. 5-14 User Services: p. 5-24	Table 7, Transit Project e Fleet Improvement and Support Equipment Project I Automated Operating System/AnchorRIDES People Mover	MOA Public Transportation/ People Mover, Operations MOA Public Transportation/ People Mover, Operations	Gary Taylor, O&M Superintendent Gary Taylor, O&M Superintendent
(continued) Last updated: 6-6-05				

MOA ITS Architecture Project by Pgm. Area	MOA ITS Architecture Project Description & High-Level Functional Requirements	Related ITS Project 04-06 TIP	Agency Responsible for Implementation	Contact
Year-Round Operations: Smart Fare Box (continued)		Project k Mgt. Info. System Project V Anchorage Paratransit & Disability Improvements	MOA Public Transportation/ People Mover, Operations MOA Public Transportation/ People Mover, Operations	Gary Taylor, O&M Superintendent Gary Taylor, O&M Superintendent
Transit Vehicle Management	Project Description: p. 5-8 Functional Requirements: Market Packages: p. 5-14 User Services: p. 5-25	Table 7, Transit Project e Fleet Improvement and Support Equipment Project I Automated Operating System/AnchorRIDES People Mover Project k Mgt. Info System Project V Anchorage Paratransit & Disability Improvements	MOA Public Transportation/ People Mover, Operations MOA Public Transportation/ People Mover, Operations MOA Public Transportation/ People Mover, Operations MOA Public Transportation/ People Mover, Operations	Gary Taylor, O&M Superintendent Gary Taylor, O&M Superintendent Gary Taylor, O&M Superintendent Gary Taylor, O&M Superintendent

MOA ITS Architecture Project by Pgm. Area	MOA ITS Architecture Project Description & High-Level Functional Requirements	Related ITS Project 04-06 TIP	Agency Responsible for Implementation	Contact
Year-Round Operations: Emissions Monitoring, Management & Pre-Pass	Project Description: p. 5-8 Functional Requirements: Market Packages: p. 5-15 User Services: p. 5-26	Table 5, CMAQ Project 14 IM Evaluation Monitoring	MOA Health & Human Services Environmental Services Alaska Department of Environmental Conservation	Keith Beeson, I/M Pgm. Administrator Steve Morris, Env. Engr II, Air Quality Cindy Heil, South Central Region Air Quality Manager
Incident & Emergency Management Systems: Hazardous Materials Tracking & Reporting	Project Description: p. 5-8 Functional Requirements: Market Packages: p. 5-15 User Services: p. 5-27-28	Table 8, Other Project Y Safety Information Exchange Project Z Credentials Administration Project a Electronic Screening	ADOT&PF Commercial Vehicle Enforcement ADOT&PF Commercial Vehicle Enforcement ADOT&PF Commercial Vehicle Enforcement	Dan Breeden, Chief Rex Young, Planner Dan Breeden, Chief Rex Young, Planner Dan Breeden, Chief Rex Young, Planner

MOA ITS Architecture Project by Pgm. Area	MOA ITS Architecture Project Description & High-Level Functional Requirements	Related ITS Project 04-06 TIP	Agency Responsible for Implementation	Contact
Traveler Information Systems "5-1-1" Internet & Wireless Web (continued)		Project X Port of Anchorage Intermodal Facility	Port of Anchorage	Kevin Bruce
Internal Operations Mobile Data Terminals	Project Description: p. 5-10 Functional Requirements: Market Packages: p. 5-17 User Services: p. 5-34-35	Table 7, Transit Project e Fleet Improvement & Support Equipment Project I Automated Operating System/AnchorRIDES People Mover Project k Mgt. Info. System Project V Anchorage Paratransit & Disability Improvements	MOA Public Transportation/ People Mover, Operations MOA Public Transportation/ People Mover, Operations MOA Public Transportation/ People Mover, Operations MOA Public Transportation/ People Mover, Operations	Gary Taylor, O&M Superintendent Gary Taylor, O&M Superintendent Gary Taylor, O&M Superintendent Gary Taylor, O&M Superintendent
Asset Management	Project Description: p. 5-10 Functional Requirements: Market Packages: p. 5-17 User Services: p. 5-36-38	Table 11, SIP Project 4 On-Street Sign Inventory	MOA Traffic Department	Lee Coop, Associate Traffic Engr., Safety Kim Carpenter Data Manager
Automatic Vehicle Location (continued)	Project Description: p. 5-10 - 1 Functional Requirements: Market Packages: p. 5-17 User Services: p. 5-38	Table 7, Transit Project I Automated Operating System/AnchorRIDES People Mover	MOA Public Transportation/ People Mover, Operations	Gary Taylor, O&M Superintendent

MOA ITS Architecture Project by Pgm. Area	MOA ITS Architecture Project Description & High-Level Functional Requirements	Related ITS Project 04-06 TIP	Agency Responsible for Implementation	Contact
Internal Operations				
Automatic Vehicle Location (continued)		Table 8, Other Project V Anchorage Para-Transit & Disability Improvements	MOA Public Transportation/ People Mover, Operations	Gary Taylor, O&M Superintendent
Shared Traffic and Traveler Information Database	Project Description: p. 5-11 Functional Requirements: Market Packages: p. 5-17 User Services: p. 5-38-39	Table, SIP Project 1 Safety Database Design	MOA Traffic Department	Kim Carpenter, Data Manager
Condition Acquisition & Reporting System (CARS)	Project Description: p. 5-11 Functional Requirements: Market Packages: p. 5-18 User Services: p. 5-39&40	Table 8, Other Project L Condition Acquisition & Reporting System (CARS)	ADOT&PF HQ, Office of Program Development	Jill Sullivan, ITS Coordinator
Common GIS	Project Description: p. 5-11 Functional Requirements: Market Packages: p. 5-18 User Services: p. 5-40&41	Table 8, Other Project K Integrated GIS Roadnet	Project Management: MOA IT Department Executive Oversight: MOA Traffic Department	Charlie Barnwell, GIS Manager Dale Avery, Roadnet Project Mgr. Lance Wilber, Director