MINUTES
JOHNSON CITY REGIONAL ITS ARCHITECTURE AND DEPLOYMENT PLAN
Architecture Workshop

July 12, 2006
City Hall
Johnson City, Tennessee

ATTENDANCE

Joe Armstrong, Tennessee DOT
John Benditz, Knoxville TMC/Kimley-Horn and Associates
Glenn Berry, Johnson City MTPO
Donna Bridwell, Johnson City Transit
Jane Fillers, Johnson City Transit
Matt Garland, First Tennessee Development District
Donald Gedge, FHWA Tennessee Division
Mike Potter, City of Elizabethton
Jeff Rawles, Johnson City MTPO
Joe Roach, Tennessee DOT
Anthony Todd, Johnson City Public Works - Traffic
Tom Fowler, Kimley-Horn and Associates
Amy Lewis, Kimley-Horn and Associates

MINUTES

1. Introductions

Amy Lewis welcomed everyone and thanked the stakeholders for their attendance. She introduced herself and the other Kimley-Horn team members present at the meeting. Everyone in attendance introduced themselves and identified the agency or organization they were representing. Kimley-Horn is currently under contract with the Tennessee Department of Transportation (TDOT) to develop a regional intelligent transportation systems (ITS) architecture and deployment plan for the Johnson City Region. This is the second in a series of four workshops. The next meeting will be the ITS Deployment Plan Workshop on Wednesday, August 30, 2006.

2. Overview of the National ITS Architecture and Regional Architecture Development Process

Amy provided an overview of the National ITS Architecture. The current version (5.1) contains 85 market packages. Market packages are groups of transportation services. They identify the connections between agencies. A Regional ITS Architecture identifies the market packages applicable to a region and customizes them to address regional ITS needs. Completion of the plan does not guarantee any funding for the Region, but does allow the Region to be eligible for future federal funding of ITS projects.

3. Market Package Selection

Amy turned the meeting over to Tom Fowler who led a discussion to select market packages for the Johnson City Region. The stakeholders began with a list identifying the market packages that were selected during the original architecture development process and discussed the addition and deletion of several market packages. A table of market packages indicating those selected is included at the end of the minutes.

4. Market Package Customization

After the market packages for the Region had been selected, Tom and Amy worked with stakeholders to customize those market packages for the Johnson City Region. The customized market packages will be made available to stakeholders in PDF format for review before the team

proceeds with developing the Draft Regional ITS Architecture turbo database and document. Comments on the market packages were requested by August 4, 2006.

5. ITS Deployment Plan

The next step in the process is to develop the Johnson City Regional ITS Deployment Plan. Stakeholders were provided with a project input form that they can complete with project ideas and fax back to Tom and Amy at 512-418-1791. An electronic copy of that form will also be attached to the minutes. Stakeholders were asked to fax or e-mail project ideas by August 21, 2006 so that they can be included in the draft project listing. The draft project listing will be discussed at the next workshop.

6. Upcoming Workshop Dates

Dates for the two remaining workshops were discussed. Stakeholders did not indicate any problems with the following workshop dates:

ITS Deployment Plan Workshop: August 30, 2006 9 AM – 12 Noon
Comment Resolution Workshop: September 26, 2006 9 AM – 12 Noon

Johnson City Regional ITS Architecture Market Package Selection

Selection	Market Package	
	Traffic Management Service Area	
X	ATMS01	Network Surveillance
	ATMS02	Probe Surveillance
X	ATMS03	Surface Street Control
	ATMS04	Freeway Control
	ATMS05	HOV Lane Management
X	ATMS06	Traffic Information Dissemination
X	ATMS07	Regional Traffic Control
X	ATMS08	Traffic Incident Management System
	ATMS09	Traffic Forecast and Demand Management
	ATMS10	Electronic Toll Collection
	ATMS11	Emissions Monitoring and Management
	ATMS12	Virtual TMC and Smart Probe Data
X	ATMS13	Standard Railroad Grade Crossing
	ATMS14	Advanced Railroad Grade Crossing
X	ATMS15	Railroad Operations Coordination
	ATMS16	Parking Facility Management
	ATMS17	Regional Parking Management
	ATMS18	Reversible Lane Management
X	ATMS19	Speed Monitoring
	ATMS20	Drawbridge Management
	ATMS21	Roadway Closure Management
	Emergency Management Service Area	
X	EM01	Emergency Call -Taking and Dispatch
X	EM02	Emergency Routing
	EM03	Mayday Support
X	EM04	Roadway Service Patrols
	EM05	Transportation Infrastructure Protection
X	EM06	Wide-Area Alert
X	EM07	Early Warning System
X	EM08	Disaster Response and Recovery
X	EM09	Evacuation and Reentry Management
X	EM10	Disaster Traveler Information
	Maintenance and Construction Service Area	
X	MC01	Maintenance and Construction Vehicle and Equipment Tracking
	MC02	Maintenance and Construction Vehicle Maintenance
X	MC03	Road Weather Data Collection
X	MC04	Weather Information Processing and Distribution
	MC05	Roadway Automated Treatment
X	MC06	Winter Maintenance
	MC07	Roadway Maintenance and Construction
X	MC08	Work Zone Management
	MC09	Work Zone Safety Monitoring
X	MC10	Maintenance and Construction Activity Coordination

	Public Transportation Service Area	
X	APTS1	Transit Vehicle Tracking
X	APTS2	Transit Fixed-Route Operations
X	APTS3	Demand Response Transit Operations
X	APTS4	Transit Passenger and Fare Management
X	APTS5	Transit Security
	APTS6	Transit Maintenance
X	APTS7	Multi-modal Coordination
X	APTS8	Transit Traveler Information
	Commercial Vehicle Operations Service Area	
	CVO01	Fleet Administration
	CVO02	Freight Administration
	CVO03	Electronic Clearance
	CVO04	Administrative Processes
	CVO05	International Border Electronic Clearance
	CVO06	Weigh-In-Motion
	CVO07	Roadside CVO Safety
	CVO08	On-board CVO and Freight Safety & Security
	CVO09	CVO Fleet Maintenance
	CVO10	HAZMAT Management
	CVO11	Roadside HAZMAT Security Detection and Mitigation
	CVO12	Commercial Vehicle Driver Security Authentication
	CVO13	Freight Assignment Tracking
	Traveler Information Service Area	
X	ATIS1	Broadcast Traveler Information
X	ATIS2	Interactive Traveler Information
	ATIS3	Autonomous Route Guidance
	ATIS4	Dynamic Route Guidance
	ATIS5	ISP Based Route Guidance
	ATIS6	Integrated Transportation Management/Route Guidance
	ATIS7	Yellow Pages and Reservation
	ATIS8	Dynamic Ridesharing
	ATIS9	In Vehicle Signing
	Archive Data Management Service Area	
X	AD1	ITS Data Mart
X	AD2	ITS Data Warehouse
	AD3	ITS Virtual Data Warehouse