

K I C K - O F F W O R K S H O P M I N U T E S

MEETING DATE: July 23, 2008

MEETING TIME: 9:00 AM

MEETING LOCATION: Morristown City Center

ATTENDEES:

Mark Best, TDOT
Jeff Branham, City of Morristown
Rich DesGroseilliers, Lakeway MTPO
Todd Ellis, Town of White Pine
Deborah Fleming, TDOT
Bryan Fowler, City of Morristown
Terry Gladden, TDOT
Gary Lowe, City of Morristown Police Department
Robert Neill, City of Morristown
Walter Owenby, Tennessee Highway Patrol
Jimmy Peoples, Hamblen County E911

Rick Ray, Norfolk Southern
Marcus Reed, Jefferson County E911
Joseph Roach, TDOT
Sarah Rose, Walters State Community College
Joe Sargent, Walters State Community College
Clark Taylor, City of Morristown Fire Department
Stanley Wilder, Town of White Pine
John Benditz, Kimley-Horn and Associates
Tom Fowler, Kimley-Horn and Associates
Amy Lewis, Kimley-Horn and Associates

SUBJECT: Lakeway Regional ITS Architecture and Deployment Plan Kick-Off Workshop

1. Introductions

Tom Fowler welcomed everyone and thanked the stakeholders for their participation in the development of the Lakeway Regional ITS Architecture. Tom introduced himself and the other Kimley-Horn team members present at the workshop. 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 to develop a regional intelligent transportation system (ITS) architecture and deployment plan for the Lakeway Region.

2. Overview of ITS and Project Presentation

Tom then gave a presentation on the Lakeway Regional ITS Architecture and Deployment Plan project. The presentation included an overview of ITS. Tom explained that the purpose of the project is to develop a Regional ITS Architecture that conforms with the National ITS Architecture and satisfies Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) requirements. 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. Regional Boundaries

The geographic boundaries for the Lakeway Regional ITS Architecture include Hamblen and Jefferson Counties. Based on stakeholder discussion the geographic boundaries were expanded from the MTPO boundaries to include the remainder of the counties to anticipate expansion of the MTPO boundaries during the next census and to capture the I-40/I-81 interchange. The applicable additional stakeholders will be contacted and invited to attend the next meeting.

4. ITS Inventory

Amy Lewis led a discussion on the ITS inventory for the Lakeway Region. Stakeholders were asked to identify existing and planned ITS inventory elements. A summary of all ITS inventory items identified is included at the end of these minutes. The inventory will assist the project team in preparing a rough draft of the Regional ITS Architecture for the next workshop.

5. ITS Needs

Tom led a discussion on the Region's ITS needs. All stakeholders were asked for input on their agency's ITS needs. A summary of all ITS needs identified at the workshop is attached at the end of these minutes. The needs will also be incorporated into the materials presented at the next workshop.

6. Concluding Comments and Next Steps

Amy thanked everyone for their participation. She encouraged the ITS stakeholders to contact herself or Tom if they had any questions or if they would like to add additional items to the ITS inventory or needs.

All stakeholders will be sent minutes from the Kick-Off Workshop and invited to the ITS Architecture Development Workshop. The purpose of this workshop will be to select the desired ITS services for the Lakeway Region and identify what types of information needs to be exchanged between agencies. The next workshop is scheduled for Wednesday, August 20, 2008 from 9:00 AM to 3:00 PM.

**Lakeway Region
Summary of ITS Inventory**

Travel and Traffic Management

System, Technology or Capability	Status	Primary Operating Agency
TDOT Region 1 Traffic Management Center	Existing	TDOT
Highway advisory radio (HAR)	Existing	TDOT
Dynamic message signs (DMS)	Existing	TDOT
Closed circuit television (CCTV) cameras – CCTV cameras were installed by the Cumberland Gap tunnel and are not currently operational, TDOT is in the process of taking over operations	Planned	TDOT
Road weather information system (RWIS) stations	Existing	TDOT
511 Traveler Information System	Existing	TDOT
Closed loop traffic signal system	Existing	City of Morristown
Railroad signal preemption (limited locations)	Existing	City of Morristown Town of White Pine
Emergency vehicle signal preemption (fire department only)	Existing	City of Morristown
Traffic signals (no closed loops or interconnect at this time)	Existing	Town of White Pine City of Jefferson City

Public Transportation Management

System, Technology or Capability	Status	Primary Operating Agency
Demand response transit service	Existing	ETHRA

Emergency Management

System, Technology or Capability	Status	Primary Operating Agency
Hamblen County 911 Dispatch – dispatches all emergency responders within Hamblen County, including the City of Morristown	Existing	Hamblen County
Jefferson County 911 Dispatch – dispatches all emergency responders within Jefferson County, including the City of Jefferson City and Town of White Pine	Existing	Jefferson County
Police Department AVL	Existing	City of Morristown
Police Department MDTs	Existing	City of Morristown

Maintenance and Construction Operations

System, Technology or Capability	Status	Primary Operating Agency
Public Works Portable DMS	Existing	City of Morristown
Road closure notification email system	Existing	City of Morristown

Commercial Vehicle Operations

System, Technology or Capability	Status	Primary Operating Agency
Weigh station on I-81	Existing	THP

Archive Data Management

System, Technology or Capability	Status	Primary Operating Agency
Morristown GIS Database – includes traffic counts	Existing	City of Morristown
TraCS Database	Existing	City of Morristown Police Department
TITAN Database	Existing	THP

**Lakeway Region
Summary of ITS Needs****Travel and Traffic Management Needs**

- Need CCTV cameras within the City of Morristown to monitor traffic
- Need improved signal coordination in the Cities of Morristown and Jefferson City
- Need signal system upgrade to improve communication capabilities in the City of Morristown
- Need railroad signal preemption at additional locations throughout the Region
- Need improved dissemination of road conditions information on state and local routes
- Need CCTV cameras at I-40/I-81 interchange
- Need vehicle detection on I-81
- Need advance notification of congestion at the I-81/US 25E interchange
- Need improved sharing of information between TDOT and 911 dispatch centers
- Need improved information sharing for race weekend traffic

Emergency Management Needs

- Need to expand signal preemption system to include EMS in the City of Morristown
- Need emergency vehicle signal preemption on Town of White Pine traffic signals
- Need AVL for Morristown-Hamblen County EMS
- Need to be able to receive real-time traffic information to aid in alternate route management for emergency vehicles
- Need detection and notification system for railroad crossing blockages to support emergency routing around railroad closures
- Need notification from the railroad when a train will block a crossing for an extended period of time due to a breakdown or other issue
- Need improved HAZMAT information for commercial vehicles and rail
- Need improved coordination with EMS in adjacent counties entering the Region to transport patients
- Need access to future CCTV cameras for 911 dispatch centers

Maintenance and Construction Management Needs

- Need ice detection on SH 160 with notification of ice conditions disseminated to emergency management as well as maintenance personnel
- Need improved dissemination of road maintenance status information during snow conditions