

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

MEETING DATE: October 18, 2007

MEETING TIME: 9:00 AM

MEETING LOCATION: Virginia Department of Transportation Bristol District Office

ATTENDEES:

Wayne Anderson, Sullivan County Sheriff	Mike Lancaster, Virginia DOT
John Benditz, Tennessee DOT	Frank McMurray, Virginia State Police
Mark Best, Tennessee DOT	David Metzger, City of Bristol, Tennessee
Dewayne Bolling, Mountain Empire Older Citizens	Rex Montgomery, Bristol MPO
Jay Detrick, City of Bristol, Virginia	Donny Necessary, Virginia DOT
Deborah Fleming, Tennessee DOT	Mike Phipps, Virginia DOT
Chris Francis, Virginia DOT	Joseph Roach, Tennessee DOT
Don Gedge, Federal Highway Administration	Tom Fowler, Kimley-Horn and Associates
Joe Hamed, Virginia DOT	Amy Lewis, Kimley-Horn and Associates
Dwayne Honager, City of Bristol, TN Fire Department	Erin Williams, Kimley-Horn and Associates
Jack Hurlbert, City of Bristol, Virginia	Jonathan Moore, Kimley-Horn and Associates

SUBJECT: Bristol 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 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 (TDOT) to develop regional intelligent transportation system (ITS) architectures and deployment plans for the Bristol and Kingsport Regions.

2. Overview of ITS and Project Presentation

Tom then gave a presentation on the 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 the 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 stakeholders agreed that the Bristol Metropolitan Planning Organization (MPO) boundaries should be used to define the geographic region for the Bristol Regional ITS Architecture. As the process continues, the Region will coordinate with the adjacent regional ITS architectures developed in northeast Tennessee as well as those in Virginia.

4. ITS Inventory

Amy Lewis and Tom led a discussion on the ITS inventory that overlapped between the Bristol and the Kingsport Regions since both are located in Sullivan County, Tennessee and TDOT Region 1. After that discussion stakeholders were then broken into groups based on the region they represented and were asked to identify existing and planned ITS inventory elements within their region. A summary of all ITS inventory items identified for the Bristol Region is included at the end of the 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

Amy led a discussion on the Bristol Region's ITS needs. 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 any member of the team if they had 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 is to select the desired ITS services for the Bristol Region and identify what types of information need to be exchanged between agencies. The workshop will begin with a joint session for both Regions and once again split into separate groups for detailed region specific discussions. The ITS Architecture Development Workshop will be held on Thursday, November 29, 2007 from 9:00 AM – 3:00 PM at the Virginia DOT Bristol District Office.

Bristol Regional ITS Inventory

Travel and Traffic Management

System, Technology or Capability	Status	Primary Operating Agency
Traffic signals (no closed loops or interconnects at this time)	Existing	Bristol, TN Bristol, VA Abingdon, VA
Traffic signals on state and county roads within Washington County outside of the Bristol city limits and signals at interstate interchanges (all signals on a closed loop system)	Existing	VDOT
Knoxville – Region 1 TMC	Existing	TDOT
Regional TMC – Salem, Virginia	Existing	VDOT
Cumberland Gap Tunnel Command Center	Existing	TDOT KTC
CCTV cameras	Existing	TDOT VDOT
Portable CCTV cameras	Existing	VDOT
Highway advisory radio (HAR) on I-81, at the I-26/I-81 interchange, and at I-40/I-81 split	Existing	TDOT
Portable HAR	Existing	TDOT VDOT
Dynamic Message Signs (DMS)	Existing	TDOT VDOT Cumberland Gap
Portable DMS	Existing	TDOT VDOT
Bristol Motor Speedway event management – mobile command posts, auxiliary TMCs	Existing	TDOT VDOT
GoSmart Kiosks at rest areas	Existing	TDOT
CB Radio “Wizard” Broadcast Device	Existing	VDOT
Overheight vehicle detection system for I-81 bridge at milepost 10, includes advance detection and DMS	Existing	VDOT
Permanent count stations	Existing	VDOT
Tennessee 511	Existing	TDOT
Virginia 511	Existing	VDOT

Emergency Management

System, Technology or Capability	Status	Primary Operating Agency
Sullivan County Dispatch – dispatches Bluff City Police Department, County EMS, and volunteer fire department	Existing	Sullivan County
Bristol, TN Dispatch – dispatches City of Bristol police, fire, and EMS	Existing	Bristol, TN
Bristol, VA Dispatch – dispatches City of Bristol police, fire, and private EMS (Bristol Lifesaving Crew)	Existing	Bristol, VA
THP mobile data terminals (MDTs) and automated vehicle location (AVL)	Existing	THP
MDTs in Sheriff vehicles	Existing	Sullivan County
Speedway CCTV and Operations Center	Existing	Bristol Motor Speedway
CCTV video from Bristol Motor Speedway goes to Bristol 911 Dispatch	Existing	Bristol, TN
Virginia State Police CAD system imports filtered incident data into VDOT traffic management system	Existing	VDOT
Emergency management trailers for incident response	Existing	TDOT VDOT

Maintenance and Construction Operations

System, Technology or Capability	Status	Primary Operating Agency
Portable closed circuit television (CCTV) cameras for use in work zone	Existing	TDOT
Road weather information system (RWIS) stations	Existing	TDOT
Portable DMS and arrow boards	Existing	TDOT
Tennessee SmartWay Information System (TSIS)	Existing	TDOT

Bristol ITS Needs

Travel and Traffic Management Needs

- Need coordinated and closed loop signal system for Bristol, TN and Bristol, VA
- Need full instrumentation of I-81 and I-26
- Need CCTV and DMS on detour routes
- Need VDOT Bristol District TMC
- Need Regional Command Center (to combine regional traffic and emergency management from Tennessee and Virginia)
- Need updated communications

Emergency Management Needs

- Need VDOT courtesy patrol along I-81
- Need TDOT HELP patrol in the Tri-Cities area
- Need emergency vehicle signal preemption in Bristol, TN and Bristol, VA
- Need a multi-agency command center for the area that would incorporate Bristol, TN and Sullivan County public safety, fire, and EMS