

KICK - OFF WORKSHOP MINUTES

MEETING DATE: July 11, 2007

MEETING TIME: 1:00 PM

MEETING LOCATION: Lawrence City Hall

ATTENDEES:

Keith Browning, Douglas County
Willson Cory, City of Lawrence Police Department
Michael Courtney, Lawrence Freenet
May Davis, KU Parking and Transit
Jim Denny, LDC
Grant Eichhorn, Lawrence Douglas County MPO
Cliff Galante, Lawrence Transit System
Anson Gock, Lawrence-Douglas County Planning
David Jacobson, Kansas Turnpike Authority
Danny Kaiser, KU Parking and Transit
Jim Lawson, Douglas County
Byron Low, FHWA
Ken McGovern, Douglas County Sheriff
Michael Moore, Lawrence Freenet
Davonna Morgan, City of Lawrence

Jessica Mortinger, KU Parking and Transit
Lisa Patterson, City of Lawrence
James Risner, City of Lawrence
Joel Skelley, Kansas Department of Transportation
Teri Smith, Douglas County Emergency Management
Chuck Soules, City of Lawrence
Bill Stark, City of Lawrence Fire-EMS
Sheila Stogsdill, Lawrence-Douglas County Planning
Shoeb Uddin, City of Lawrence
Barbara VanCortlandt, Laidlaw Transportation
John Williams, City of Lawrence
Jim Wisdom, City of Lawrence
Tom Fowler, Kimley-Horn and Associates
Amy Lewis, Kimley-Horn and Associates
Lisa Briscoe, Patti Banks Associates

SUBJECT: Lawrence-Douglas County Regional ITS Architecture and Deployment Plan Kick-Off Workshop

1. Introductions

Chuck Soules welcomed everyone and thanked the stakeholders for their participation in the development of the Regional ITS Architecture. Chuck then turned the meeting over to Tom Fowler. 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 City of Lawrence to develop a regional intelligent transportation system (ITS) architecture and deployment plan for the Lawrence-Douglas County Region.

2. Overview of ITS and Project Presentation

Tom then gave a presentation on the Lawrence-Douglas County 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 for the Region 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 regional ITS architecture will be those of the Lawrence-Douglas County Metropolitan Planning Organization (MPO). As the process continues the Region will coordinate with the adjacent regional ITS architecture developed for the Kansas City Region.

4. ITS Inventory

Tom Fowler and Amy Lewis led a discussion on the ITS inventory for the Lawrence-Douglas County 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

Lisa Briscoe 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

Tom thanked everyone for their participation. He encouraged the ITS stakeholders to contact any member of the team 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 is to select the desired ITS services for the Lawrence-Douglas County Region and identify what types of information needs to be exchanged between agencies. The workshop will be composed of three separate working sessions; one for traffic and traveler information, another for emergency management, and the third for transit and parking. Stakeholders are invited to attend as many sessions as they are able to, but the separation by service area has been structured so that agencies can prioritize which session or sessions they should attend. An invitation with meeting locations and an agenda will be sent to the group. The schedule for the sessions is as follows:

Wednesday, August 29, 2007

1:30 pm – 3:30 pm Transit and Parking Management

Thursday, August 30, 2007

9:00 am – 12:00 pm Traffic Management and Traveler Information

1:30 pm – 3:30 pm Emergency Management

**Lawrence-Douglas County Region
Summary of ITS Inventory**

Travel and Traffic Management

System, Technology or Capability	Status	Primary Operating Agency
Traffic signal system (no closed loops or interconnect at this time), the City of Lawrence operates all of the signals in Douglas County	Existing	City of Lawrence
Signal system interconnect – 6 th Street	Planned	City of Lawrence
Video vehicle detection	Existing	City of Lawrence
Emergency vehicle signal preemption	Existing	City of Lawrence
Closed circuit television (CCTV) cameras – primarily for toll management	Existing	KTA
Vehicle detection – primarily for volume data collection at the toll plazas	Existing	KTA
Highway advisory radio (HAR) with beacon signs on I-70	Existing	KTA
Dynamic Message Signs (DMS)	Planned	KDOT
Portable DMS	Existing	KDOT KTA

Public Transportation Management

System, Technology or Capability	Status	Primary Operating Agency
CCTV cameras for parking management	Existing	KU Parking & Transit KU Police
Parking management system	Existing	KU Parking & Transit
Electronic parking fee collection system	Existing	KU Parking & Transit
Central dispatch	Existing	Lawrence Transit
Paratransit scheduling software	Existing	Lawrence Transit
CCTV cameras at bus maintenance facility	Planned	Lawrence Transit
Automated vehicle location (AVL)	Planned	KU Transit
CCTV cameras on buses (local record only)	Planned	KU Transit

Emergency Management

System, Technology or Capability	Status	Primary Operating Agency
Reverse calling system	Existing	USD 497 City of Eudora
Centralized Douglas County 911 Dispatch – dispatches City of Lawrence Police and Fire-EMS as well as the Douglas County Sheriff and public safety agencies in smaller communities elsewhere in the County	Existing	Douglas County
Two-way data connection to police mobile data terminals (MDTs) – pilot program	Existing	City of Lawrence Police Lawrence Freenet

Maintenance and Construction Operations

System, Technology or Capability	Status	Primary Operating Agency
KANROAD – construction and weather information database	Existing	KDOT
511 System	Existing	KDOT
RWIS on K-10 – data feeds KANROAD and in turn the web and 511 telephone system	Existing	KDOT
RWIS – data feeds KANROAD and in turn the web and 511	Existing	KTA

**Lawrence-Douglas County
Summary of ITS Needs****Travel and Traffic Management Needs**

- Need coordinated and closed loop signal system
- Need to coordinate upcoming signal system interconnect project with the fiber backbones of the City and Douglas County
- Need improved dissemination of incident information to emergency management, transit and school bus dispatch
- Need to develop alternate traffic signal timing plans for use during KU events

Public Transportation Management Needs

- Need AVL for Lawrence Transit vehicles
- Need video camera surveillance on Lawrence Transit vehicles, local record only initially, but in the future might be interested in real time feeds
- Need automated passenger counters for Lawrence Transit
- Need electronic fare collection for Lawrence Transit
- Need improved transit traveler information for Lawrence Transit including real-time next bus arrival information
- Need signal priority for Lawrence Transit vehicles
- Need automated passenger counters for KU Transit

Emergency Management Needs

- Need emergency vehicle signal preemption for City of Lawrence Police
- Need to be able to view any CCTV camera deployments (including toll roads) at Douglas County 911 Dispatch
- Need to be able to bring back incident information and other data from police mobile data terminals (MDTs)
- Need reverse calling emergency alert system in additional areas
- Need to be able to get real-time information and video images from helicopters to emergency dispatchers

Maintenance and Construction Management Needs

- Need additional weather detection
- Need flood and ice detection at locations in both the City and the County and to be able to share this information with emergency management, transit, and school bus dispatch
- Need automated road closure capabilities for remote locations prone to flooding or icing
- Need improved dissemination of road closure information to emergency management, transit, and school bus dispatch