

# CHATTANOOGA REGIONAL ITS ARCHITECTURE UPDATE WORKSHOP MINUTES

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**MEETING DATE:** December 5, 2013

**MEETING TIME:** 10:00 AM – 12:00 PM

**MEETING LOCATION:** Chattanooga Development Resource Center, Chattanooga, TN

**ATTENDEES:**

- Mike Ailey, City of East Ridge
- Robert Benshoof, Tennessee Department of Transportation (TDOT)
- John Bridger, Chattanooga-Hamilton County Regional Planning Agency (RPA)
- Landon Castleberry, TDOT Region 2
- Hugh Colton, Georgia Department of Transportation
- Mark Dempsey, City of East Ridge
- Said El Said, TDOT
- Asem Halim, TDOT
- Charlie Hall, Tennessee Emergency Management Agency
- Sue Knapp, Chattanooga-Hamilton County RPA
- Yuen Lee, CHCNGA-TPO
- Amanda Miller, City of East Ridge
- Nick Renna, Federal Highway Administration – Tennessee Division (FHWA)
- Karen Rennich, Chattanooga-Hamilton County RPA
- Rip Rohen, Hamilton County Emergency Services
- Sean Rouleau, Atkins
- Cindy Shell, Volkert, Inc.
- Tommy Trotter, City of Chattanooga Traffic
- Bob Van Horn, TDOT Region 2
- John Van Winkle, City of Chattanooga
- Alan Wolfe, TDOT Region 2
- Aleeta Zeller, Chattanooga-Hamilton County RPA
- Tom Fowler, Kimley-Horn and Associates
- Terrance Hill, Kimley-Horn and Associates

**SUBJECT:** Chattanooga Regional ITS Architecture Update – Stakeholder Review Workshop

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## Introductions

Yuen Lee of the Chattanooga/Hamilton County/North Georgia Transportation Planning Organization (CHCNGA-TPO) welcomed everyone and thanked the stakeholders for their participation in the update of the Chattanooga Regional Intelligent Transportation System (ITS) Architecture. She also summarized the purpose of the workshop. Everyone in attendance then introduced themselves and identified the agency or organization they were representing.

## Project Overview Presentation

Tom Fowler gave a presentation that reviewed the purpose of the project and updated the progress of the Chattanooga Regional ITS Architecture Update. A first-draft was sent to the stakeholders on November 30, 2013, and Tom asked that all participants review and send any comments to Yuen, Terrance Hill, or himself. He also mentioned that the ITS Deployment Plan is now a part of the Regional ITS Architecture document instead of a separate document.

Key sections within the draft document were reviewed. The following updates were made to the ITS Service Package Prioritization list:

- Variable Speed Limits was moved from low priority to high priority because of the interest in warning motorist that traffic is moving slower ahead.
- ITS Virtual Data Warehouse was moved from low priority to medium priority.
- Although there is an interest in Freeway Control (ramp metering) at certain locations and Weather Information Processing and Distribution (areas prone to flooding), the stakeholders elected to keep them at a medium priority.

A discussion on the ITS Deployment Plan projects was then led by Terrance Hill. A list of projects was given to all participants and a group discussion occurred to determine deployment timeframes, potential project costs, and whether or not funding opportunities had been identified. Projects were identified for TDOT and GDOT, municipalities, CARTA, Hamilton County, and the CHCNGA-TPO. The input from the workshop on the projects will be used in the development of the ITS Deployment Plan portion of the Regional ITS Architecture.

Tom then reviewed the importance of a systems engineering analysis and how it relates to the ITS architecture. A systems engineering approach is required by the USDOT for ITS projects, and the process includes demonstrating conformance to the Regional ITS Architecture. FHWA's Tennessee Divisions also requires a systems engineering analysis be performed for ITS projects unless a project is categorically excluded. Tom also noted which sections with the Regional ITS Architecture update can assist with performing a systems engineering analysis.

Finally, Tom reviewed the Use and Maintenance Documentation Form. It outlines any changes that are to be made to the 2014 Chattanooga Regional ITS and is kept on file by the Hamilton County RPA. New forms must be completed for each change. One particular maintenance process that was changed was the timeframe for minor updates to the ITS Deployment Plan. Instead of updating projects annually as shown, a call for updated projects will be sent annually, and changes will occur on an as-needed basis.

### **Concluding Comments and Next Steps**

Yuen Lee and Tom Fowler thanked everyone for their participation and reiterated that stakeholders are encouraged to continue to review the draft document and make recommendations for changes by December 13, 2013. A revised draft of the Regional ITS Architecture and Deployment Plan will be developed and presentations regarding the document will be given to TPO Executive Board and the Technical Coordinating Committee in early January. Additionally, a public meeting will also be held for the Regional ITS Architecture and Deployment Plan. Once the revised draft is complete, the remaining deliverables will include the final Regional ITS Architecture and Deployment Plan report, Executive Summary, update of the project website, and the final Turbo Architecture database. All deliverables will be completed by April 2014.