

DELAWARE VALLEY REGIONAL PLANNING COMMISSION

ITS Technical Task Force Meeting Minutes May 1, 2006

The following are highlights from the ITS Technical Task Force meeting held on Monday, May 1, 2006 at the Delaware Valley Regional Planning Commission's Conference Room. A list of attendees is attached.

Agenda Item #1: Welcome & Introductions

Dennis Motiani, New Jersey DOT, Chairman of the Technical Task Force, welcomed the Technical Task Force members and thanked them for attending. The minutes from the last meeting held on September 19, 2005 were approved.

Each person in attendance introduced themselves and added any relevant ITS updates from their agency. Some of the highlights included:

- ▶ PennDOT reported that US 202 section 300, from North Valley Road to US 30 in Chester County, is now under construction.
- ▶ The Pennsylvania Turnpike Commission announced that Traffic.com will provide digital traffic services for the Philadelphia and Pittsburgh metropolitan areas. Traffic.com will construct a network of digital roadside sensors along 84 miles of the Turnpike, collect and process real-time traffic data for those portions, and share that data with the PTC and its drivers.
- ▶ The ITS America 2006 Annual Meeting & Exposition will be held in Philadelphia from May 7-9. More than 2,000 attendees are expected to attend. Highlights include commercial vehicle and freight mobility, homeland security, public transportation, and transportation system operations and planning.
- ▶ Traffic.com has recently expanded into 10 new metropolitan areas including Albany, NY; Raleigh-Durham, NC; Tulsa, OK; and Tucson, AZ.
- ▶ DVRPC is currently working on a traffic signals project with GIS applications that will link in PennDOT traffic signal information and detour routes.
- ▶ The Delaware River Port Authority and PennDOT will start construction of a new exit/entrance ramp from the Commodore Barry Bridge to Rt. 291, providing an alternate route to the Chester Waterfront. Final design is underway and should be completed in 2007.

Agenda Item #2: Advanced Incident Visualization for Operators and Patrollers

Michael Pack, University of Maryland, gave a presentation about Advanced Incident Visualization for Operators and Patrollers. The University of Maryland's Center for Advanced Transportation Technology Laboratory (CATT Lab) is staffed by a host of graduate and undergraduate student researchers, ITS professionals, and faculty from the Department of Civil Engineering. The Lab's research and development activities provide a bridge between the intelligent transportation systems (ITS) community, the information technology community, and other disciplines essential to the successful application of ITS. CATT specializes in data archiving, data visualization, 3D modeling, traveler information, video image processing, and software development. The lab has also established a T1 connection with the Maryland State Highway Administration's (SHA) Coordinated Highway Action Response Team (CHART) system that enables the lab to monitor CHART databases, live video feeds, Dynamic Message Signs, and incidents. The CATT Lab maintains a CHART operator workstation, and archives CHART databases for real-time simulation and modeling, traveler information systems, traffic prediction algorithms, and for future research initiatives.

Agenda Item #3: Transportation Systems Operations Plan

Steve Buckley, Parsons Brinckerhoff, gave a presentation on the Transportation Systems Operations Plan (TSOP). AASHTO defines operations as an integrated program designed to make the best use of existing highway infrastructure through provision of system and services that preserve and improve performance. This fits into PennDOT's Executive Goal #6, which applies to *effectively and efficiently operate the transportation system*. The TSOP goals include building and maintaining a transportation operations foundation, improve highway operational performance, improve safety, and improve security. The TSOP priorities are traveler information, traffic signals, improved incident management, and standardization of hardware, software, and telecommunications. These actions will be accomplished through a series of Key Actions and a Regional Operations Plan.

Agenda Item #4: RIMIS Update

Chris King, DVRPC, gave an update to RIMIS. The Concept of Operations for RIMIS was completed in January, 2006. The Enterprise Activity Roadmap (EAR) and the Multi-Dimensional Requirements View (MRV) outline the functional requirements of RIMIS. The EAR identifies all required capabilities to realize the Concept of Operations, contains a high level inventory of functionality, and provides prioritization of RIMIS features. The MRV details the operation work flow of functional activity and links user operations to system processes and data repositories. The Request for Information was released on April 4, 2006 to provide a general view of the vendor market. The functional requirements are scheduled to be completed by September 2006.

Agenda Item #5: Emergency Evacuation Planning

Stan Platt, DVRPC, presented on the topic of Emergency Evacuation Planning. The Philadelphia Emergency Preparedness Review Committee, Southeastern Pennsylvania Regional Counter-Terrorism Task Force's Transportation Subcommittee are working on evacuation planning effort. Topics include identifying vulnerable populations and critical infrastructures, inventorying existing plans, setting policies, and coordinating different agencies.

Agenda Item #6: Status Reports

-TrafficLand Video Sharing & ITS Architecture Update Process

PennDOT is presently gathering video sharing requirements for all Districts and is hopeful to have this task completed by the end of May. New Jersey DOT hopes to participate in this project including the New Jersey Turnpike. DVRPC will meet with TrafficLand when all requirements and decisions have been made. DVRPC Regional Architecture needs to be updated due to changes in the National Architecture. The new Regional Architecture will have interfaces with Pennsylvania and New Jersey State Architectures and incorporate RIMIS and SAFETEA-LU regulations. The Regional Architecture will be updated using Turbo Architecture.

-ITS Master Plan

The first two sections of the ITS Master Plan for the Delaware Valley were completed in February 2006. The Plan represents a long-term, comprehensive vision of ITS services to be implemented, and proposes a list of projects that will create more cohesive operations. Another section of implementation is being developed.

**ITS Technical Task Force Meeting
May 1, 2006**

Attendance List:

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| 1) | Manny Anastasiadis | PennDOT District - 6 |
| 2) | David Lacy | Upper Merion Twp. |
| 3) | Stephen Jesiolowski | SEPTA |
| 4) | Karl Ziemer | Delaware River Port Authority |
| 5) | Lou Cortelazzi | Pennsylvania Turnpike Commission |
| 6) | Don Steele | Pennsylvania Turnpike Commission |
| 7) | Ekaraj Phomsavath | FHWA - New Jersey |
| 8) | Carmine Fiscina | FHWA - Philadelphia |
| 9) | Michael L. Pack | University of Maryland - CATT Lab |
| 10) | Steve Buckley | Parsons Brinkerhoff |
| 11) | Heather Sherk | Montgomery County Planning Commission |
| 12) | Cecile Charlton | Delaware County TMA |
| 13) | Susan Young | Delaware County TMA |
| 14) | John Collins | Traffic.com |
| 15) | Josh Diamond | Greater Valley Forge TMA |
| 16) | Rich Montanez | City of Philadelphia |
| 17) | William Ragozine | Cross County Connection TMA |
| 18) | Rich Brahler | Bucks County Planning Commission |
| 19) | John Ward | DVRPC |
| 20) | Stan Platt | DVRPC |
| 21) | Chris King | DVRPC |
| 22) | Laurie Matkowski | DVRPC |
| 23) | Matt West | DVRPC |
| 24) | Keith Hartington | DVRPC |