

DELAWARE VALLEY REGIONAL PLANNING COMMISSION

ITS Technical Task Force Meeting Minutes May 29, 2003

The following are highlights from the meeting of the ITS Technical Task Force held on Thursday, May 29, 2003 at the Delaware Valley Regional Planning Commission Conference Room. A list of attendees is attached.

Agenda Item #1: Welcome and Individual Updates

John Bukowski, SEPTA, welcomed the Technical Task Force members and thanked them for coming. The minutes from the last meeting held on February 24, 2003 at the Delaware Valley Regional Planning Commission were approved. The first item of business was the individual updates. Each person in attendance introduced themselves and added any relevant ITS updates from their agency. Some of the highlights included:

- ▶ FHWA reported that it is finalizing the environmental stages of the I-95 / Pennsylvania Turnpike project. This is a \$600 million project and will take up to 10 years to complete.
- ▶ PennDOT now has over 90 CCTV cameras in operation, after recently adding 36 cameras as part of the US 202 Project. PennDOT will soon have US 202 Video for incident detection.
- ▶ Mobility Technologies Inc. reported that it now has contracts in seven cities in the US. They also have incorporated PennDOT cameras into their control center and now have access to the CCTV images. In addition, they are now reporting traffic for NBC 10.
- ▶ Burlington County has begun construction on their third closed loop traffic signal system. The County has initiated a program where developers add conduit in the scope of their project while the roads are reconstructed.
- ▶ The South Jersey Transportation Authority has announced the introduction of new Emergency Service Patrols on the Atlantic City Expressway. The new service will provide roadside assistance to motorists and assist the New Jersey State Police with traffic management.
- ▶ The Philadelphia Parking Authority is currently working with the Center City District to

map all parking facilities on a GIS system. Parking information including capacity, hours, cost, and availability will be incorporated.

- ▶ DVRPC will be hosting a ITS Scanning Tour to the CHART control center in July. All agencies and Task Force members are welcome to attend.

Agenda Item #2: Transit Signal Priority

Miomir Ivanovic, Gannett Fleming Inc., presented a white-paper prepared by ITS America's Advanced Public Transportation Systems and Advanced Traffic Management Systems Committees. Transit Signal Priority (TSP) is an operational strategy that facilitates the movement of in-service transit vehicles through traffic signal controlled intersections. It is important to note the difference between Transit Signal Priority and Transit Signal Preemption, which are often used synonymously. Signal priority modifies the normal management of signal operation process to better accommodate transit vehicles, while preemption interrupts the normal process for emergency vehicles.

TSP can be implemented in a variety of ways. Priority treatments include passive priority, early green (red truncation), green extension, actuated transit phase, phase insertion, phase rotation, and real-time control. Some of the benefits include reducing person delays, reduced transit travel times, improved transit scheduling and reliability, and reduced stops (wear and tear). Planning a TSP system requires taking into consideration the roles and responsibilities between various stakeholders. Some of the many factors influencing the implementation of a TSP system include roadway geometry, traffic volumes, traffic signal hardware and software, traffic signal operation, pedestrians, transit stop location, and transit agency policy and practices. There was some ensuing discussion to try to get a pilot program for a TSP system in the Philadelphia area.

Agenda Item #3: Traffic Incident Management Self Assessments

Michael Roberson, FHWA, gave a presentation a Traffic Incident Management (TIM) Self Assessment that was recently conducted in our region. FHWA conducted self assessments for the I-476 / I-76 Crossroads, I-95 Corridor, and the South Jersey area. The Assessment process consisted of sending out a 38 question survey and returning the scored survey. A consensus building meeting was held to reach the final score. The survey was comprised of three sections: 30% for program and institutional issues, 40% for operational issues, and the final 30% for communication and technology. The overall score will be used to establish a benchmark for each task force. This exercise helps identify the needs of each area's incident management program. It also provides input into the prioritization of short and long term needs. FHWA intends to repeat this assessment next year to evaluate the progress of each area.

Agenda Item #4: New Jersey State-wide ITS Architecture

Michael Roberson, FHWA, gave a presentation on the plans to develop a statewide ITS Architecture that

will link the regional architectures in the state in order to provide interregional interoperability. FHWA recently hosted an ITS Architecture Process Workshop to discuss final rule, stakeholder selection, steps to create an architecture, resources, interagency agreements, and maintenance. Many of the state and regional agencies were in attendance. The goal of the Workshop process is to create a statewide ITS Architecture team and develop an action plan. The purpose of the statewide ITS Architecture team is to determine the scope of work for the Architecture, act as a core stakeholder for the Architecture builders, and review documentation produced by the Architecture builders. The new statewide Architecture will work in conjunction with all existing federal and regional Architectures.

Agenda Item #5: Highlights of the April 28th ITS Coordinating Council Meeting

John Ward, DVRPC, presented the ITS Technical Task Force with the some of the highlights of the ITS Coordinating Council Meeting held on April 28, 2003. While a great deal of progress has been made with the deployment of ITS and in Incident Management throughout the Delaware Valley, there is still a need for improvement. Several tasks stakeholders can do to improve ITS regional coordination are:

- 1) Provide information on their equipment and procedures
- 2) Participate in outreach, meeting, and training
- 3) Develop a PRIMIS Subcommittee
- 4) Sign an agreement or Memorandum of Understanding
- 5) Set aside funds for future maintenance and operations

DVRPC is suggesting a letter of support for the PRIMIS concept be submitted by each agency addressed to Mr. Coscia, Chair of the ITS Coordinating Council. A sample letter has been included in the packet of information to each of the Task Force attendees.

Agenda Item #6: Other Business

The next meeting date has been scheduled for **August 1, 2003** at DVRPC's main conference room at 9:30 am.

**ITS Technical Task Force Meeting
May 29, 2003**

Attendance List:

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|-----|-------------------------|---|
| 1) | Lieutenant Bruce Herbst | Burlington County Bridge Commission Police |
| 2) | Dave McCann | Delaware River Joint Toll Bridge Commission |
| 3) | Jeff Cook | Delaware River & Bay Authority |
| 4) | Sergeant Tim McDonald | Pennsylvania State Police |
| 5) | Susan Young | Delaware County Transportation Management Assn. |
| 6) | Micheal Shea | Delaware County Transportation Management Assn. |
| 7) | Lou Belmonte | PennDOT - District 6 |
| 8) | David Wolfe | PennDOT - District 6 |
| 9) | Peter Sisofo | PennDOT - Maintenance |
| 10) | Michael Pack | PennDOT - Central Office |
| 11) | Dennis Star | PennDOT - Central Office |
| 12) | Dennis Culnan | South Jersey Transportation Authority |
| 13) | Jose A. Torres | Delaware Department of Transportation |
| 14) | Kermit Barnhart | Delaware Department of Transportation |
| 15) | Jim Ney | Philadelphia Parking Authority |
| 16) | Lou Cortelazzi | Pennsylvania Turnpike Commission |
| 17) | Keith Libengood | Pennsylvania Turnpike Commission |
| 18) | Justin Dula | Delaware County Planning Department |
| 19) | Mark Cassel | TMA of Chester County |
| 20) | Jim Hilbert | SmartRoute Systems |
| 21) | Michael Roberson | Federal Highway - New Jersey |
| 22) | Jessie Yung | Federal Highway - Pennsylvania |
| 23) | Carmine Fiscina | Federal Highway - Philadelphia |
| 24) | David Lacy | Upper Merion Police Department |
| 25) | Al Kernagis | New Jersey State Police |
| 26) | William Ragozine | Cross County Connection TMA |
| 27) | Scott Perley | Mobility Technologies |
| 28) | Ran Barton | AMTRAK |
| 29) | John Bukowski | SEPTA |
| 30) | Carol Thomas | Burlington County - Engineering |
| 31) | Hugh Lynch | Philadelphia Highway Patrol |
| 32) | Rich Montanez | City of Philadelphia |
| 33) | Shawn Jalosinski | Sports Complex Special Services District |
| 34) | Nelia Dyer | Montgomery County Planning Commission |
| 35) | Steve Luxenberg | WILMAPCO |

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| 36) | Tony Walano | New Jersey DOT - ITS Engineering Unit |
| 37) | Richard Eng | New Jersey DOT - Traffic Operations South |
| 38) | Miomir Ivanovic | Gannett Fleming |
| 39) | John Ward | DVRPC |
| 40) | Stan Platt | DVRPC |
| 41) | Chris King | DVRPC |
| 42) | Laurie Matkowski | DVRPC |
| 43) | Keith Hartington | DVRPC |