



TIER I WORKSHOP MINUTES

Date: February 28, 2001

Location: Days Inn Penn State, State College, PA

Attendees

	Name	Agency
1	GEORGE M. KHOURY	PENNDOT DISTRICT 2-0
2	BERTON L. KISNER	PENNDOT DISTRICT 2-0
3	ROB JACONSKI	PENNDOT DISTRICT 2-0
4	DENNIS PRESTASH	PENNDOT DISTRICT 2-0
5	YVONNE BUCK	PENNDOT DISTRICT 2-0
6	RON TURNER	PENNDOT DISTRICT 2-0
7	VICKIE E. RUSNAK	PENNDOT DISTRICT 2-0
8	CHUCK YORKS	PENNDOT DISTRICT 2-0
9	DENNIS EISENHOWER	PENNDOT DISTRICT 2-0
10	JAMES J. ROMAN	PENNDOT DISTRICT 2-0
11	JOE O'MELIA	PENNDOT DISTRICT 2-0
12	KAREN MICHAEL	PENNDOT DISTRICT 2-0
13	LARRY BRIODY	PENNDOT DISTRICT 2-0
14	MARY JO KITKO	PENNDOT DISTRICT 2-0
15	MATTHEW M. WEAVER	PENNDOT-BHSTE
16	DANIEL LEONARD	PENNDOT-BHSTE
17	BRENDA MURPHY	PENNDOT-BHSTE
18	GRAHAM HESS	PENNDOT-BHSTE
19	DAVE MATHESON	PENNDOT 2-0 (RWIS COORDINATOR-ELK)
20	RONALD E. POLLOCK	PENNDOT 2-0 MAINTENANCE (CENTRE)
21	GREG SAVERS	PENNDOT 2-0 MAINTENANCE (CLEARFIELD)
22	RONALD KEIM	PENNDOT 2-0 MAINTENANCE (ELK/MCKEAN)
23	SAM GREGORY	PENNDOT 2-0 MAINTENANCE (MIFFLIN/JUNIATA)
24	GARY GUNZBURGER	PENNDOT 2-0 MAINTENANCE (POTTER)
25	ROBERT PETE SMELTZ	PENNDOT 2-0 (MAINTENANCE (CLINTON)
26	DOUG SCHMITT	PENNDOT-BOMO
27	MICHAEL PASTORE	PENNDOT DISTRICT 9-0
28	KEVIN SNYDER	PENNDOT DISTRICT 9-0

Attendees (cont'd)

	Name	Agency
29	KATHY PETRAS	AREA TRANSPORTATION AUTHORITY
30	RICHARD VIGLIONE	AREA TRANSPORTATION AUTHORITY
31	BILL EGAN	BENATEC ASSOCIATES
32	DANIEL TANCIBOK	CENTRE COUNTY 911
33	JOHN HVIZDASH	CENTRE COUNTY EMA
34	BILL TOBIN	CENTRE REGIONAL PLANNING AGENCY
35	KEN GABLER	CITY OF ST. MARYS
36	SHARON PORTER	CLEARFIELD COUNTY 911
37	SCOTT SUMMEY	EAGLE TOWING & RECOVERY
38	JEFFERY PURDY	EDWARDS & KELCEY
39	STAN NIEMCZAK	EDWARDS & KELCEY
40	JEROME OZOG	EMMCO EAST EMS COUNCIL
41	JIM SCHOCK	ERDMAN ANTHONY, INC.
42	DAVID MODRICKER	FERGUSON TOWNSHIP
43	JODY MCCULLOUGH	FHWA
44	STEVE BERGMAN	FHWA-HARRISBURG
45	BRUCE REIMER	HIGHWAY INFORMATION SYSTEMS
46	JAMES WITHERSPOON	ITS AMERICA
47	STEVE BARBER	KILARESKI-TARRIS ENGINEERS
48	LEN KOWALSKI	L. R. KIMBALL
49	JOE GAGLIARDO	LEWISTOWN HOSPITAL
50	JEFFERY CASE	MICHAEL BAKER JR., INC.
51	MARA PRITCHARD	MICHAEL BAKER JR., INC.
52	JEFF HEGBERG	MIDASCO
53	KENNY ROGERS	MIDASCO
54	MIKE FILIPCZAK	MIDASCO
55	AMY KESSLER	NCPRPDC
56	DON SIEKERMAN	PA MOTOR TRUCKING ASSOCIATION
57	DOUG ERICKSON	PATTON TOWNSHIP-CENTRE COUNTY
58	PAUL P. JOVANIS	PENN STATE UNIVERSITY
59	MICHAEL PATTEN	PENN STATE UNIVERSITY/PTI
60	JOSEPH BOYD	PENNSYLVANIA STATE POLICE
61	LT. JEFF WATSON	PENNSYLVANIA STATE POLICE
62	RICH STEIGERWALT	PENNSYLVANIA STATE POLICE

Attendees (cont'd)

	Name	Agency
63	JOHN KNOWLES	PHILIPSBURG BORO
64	JIM FRENCH	S. P. K. ENGINEERING/WEST VIRGINIA UNIVERSITY
65	S. SCOTT RHOAT	SEVEN MOUNTAINS EMS COUNCIL
66	AMY STORY	STATE COLLEGE BOROUGH
67	DON ROBINSON	SURFACE SYSTEMS, INC.
68	MIKE MATSKO	SURFACE SYSTEMS, INC.
69	CAROL LIEB	THE EADS GROUP
70	KAREN SHUTTY	THE EADS GROUP
71	ANGEL MORRONE	TRAFFIC SOLUTIONS INC.
72	ROBERT S. JAFFE	NATIONAL ITS ARCHITECTURE TEAM
73	ANDY PHLEGAR	NATIONAL ITS ARCHITECTURE TEAM
74	STEVEN S. BOLT	ORTH-RODGERS & ASSOCIATES, INC
75	V. KIVANC CAGLAR	ORTH-RODGERS & ASSOCIATES, INC
76	ALEX ADEEKO	ORTH-RODGERS & ASSOCIATES, INC

Purpose

The Tier I Architecture Workshop was a 1-day gathering of local transportation professionals and non-transportation stakeholders, to introduce participants to the basic steps and concepts necessary for developing PennDOT District 2-0's Regional ITS Architecture. This workshop was the official start of the architecture development process: *the big kickoff*.

The following are the key points during the workshop:

1. Denny Prestash welcomed all participants to the workshop, explained the importance of the workshop, and introduced Mr. George M. Khoury, District Engineer, PennDOT 2-0.
2. Mr. George Khoury expressed his appreciation for the high level of attendance at this workshop and emphasized the need for stakeholder buy-in. He also stressed the importance of ITS and the regional architecture program for the socio-economic development of the entire District 2-0 region, and in particular State College. He identified the major transportation projects currently being implemented or planned within the region. Some of these projects include the I-99 Corridor, Route 219, Corridor O project, Lewistown Bypass, Bradford Bypass, SR 80, State College Pedestrian Study, and various ITS deployments around the region. He stated that these projects would facilitate traffic movement, improve incident management, and encourage personal and business travel into the region.
3. Steve Bergman, FHWA-Harrisburg, acknowledged the high stakeholder turnout as one of the best he had been seen for a Tier I Workshop. He defined the objectives of the Tier I Workshop and outlined the agenda items.
4. Attendees introduced themselves, indicating the agency they represented.

5. Steve Bergman held a short presentation titled "Introduction to Intelligent Transportation Systems." He defined ITS as the application of technologies in an integrated manner for the purpose of operating and maintaining transportation systems. He summarized the benefits of ITS and outlined ITS development tracks for metropolitan and rural areas. He also identified the core ingredients necessary to implement ITS as coordination, cooperation, and communication: *the 3 "C"*.
6. Steve Bergman ended his presentation with a brief summary of the "Final Rule" as it relates to using funds from the Highway Trust Fund or Mass Transit Account for ITS projects. The key points of the Final Rule that were discussed include:
 - Regions implementing ITS projects must have Regional ITS Architectures within four years of the April 8, 2001 effective date
 - ITS projects must conform to a Regional ITS Architecture
 - Regional Architectures must be based on the National ITS Architecture
 - Projects must use USDOT adopted ITS standards as appropriate
7. Dennis Prestash presented an overview of PennDOT District 2-0's ITS deployments, existing and planned. He provided some demographic information about the region and highlighted the predominantly rural setting that exists across the region. He identified major transportation projects currently being implemented or planned, and described the various ITS deployments associated with these projects. Some of these deployments include: road weather information systems (RWIS) on the I-80/SR 322/SR 219/SR 6, variable message signs (VMS) on the I-80/I-99, highway advisory radios (HAR) on the I-80, fiber optics network installation along the I-99, collision countermeasure system (CCS) at the intersection of SR 235 & SR 2017 in Greenwood Township, and the Regional ITS Architecture Program. He also outlined the benefits from these various ITS deployments. In addition, he acknowledged the importance of NCPRPDC's GIS/ITS project to the development of ITS in and around the region and noted that this project is an integral part of the regional architecture program. He commended Amy Kessler of NCPRPDC and her staff on their efforts to date with the GIS/ITS project.
8. Short Break.
9. Andy Phlegar, an instructor with the Architecture Team, described the Tier I and Tier II Workshops and outlined the procedures to be followed in creating a regional ITS architecture. He commended the level of attendance at the workshop and reiterated the need for stakeholder input for the success of the program. Dr Jaffe, also with the Architecture Team, commented on stakeholders' participation and indicated that there may be stakeholders/elements outside the region that would be part of the architecture but were not in attendance at this workshop.
10. Andy Phlegar reviewed the National ITS Architecture using the National ITS Architecture CD-ROM-Version 3.0. He outlined the functions or activities, and summarized the benefits of having an ITS Architecture in the region. He also described the elements of the National ITS Architecture and provided definitions for some of the common terminologies associated with the National ITS architecture.

11. Lunch Break.

12. Dr. Jaffe described the Architecture Development Process. He gave a brief outline of the National ITS Architecture, its significance to the region, and its application in the regional architecture development process. He identified the major activities and objectives of the Tier I and Tier II Workshops and emphasized the need for stakeholder participation in the architecture development process. He hinted that certain categories of stakeholders might not be represented at the Tier I Workshop. For example, he suggested that a private Information Service Provider such as American Automobile Association (AAA), event promoters, media organizations, and elected officials from the region should be considered for the Tier II Workshop.

13. Dr. Jaffe facilitated the group discussion, which was an interactive session designed to educate participants on preliminary procedures and activities required for creating a regional architecture. These include identifying stakeholders, creating an inventory of ITS deployments, reviewing interagency cooperation within and across the region, and identifying User Services for the region. A demonstration of the use of the Turbo Architecture software (for creating regional and project architectures) was carried out using real-life examples of ITS elements as they exist in the region. A variety of interagency coordination, cooperation, and communication strategies were reviewed as it relates to incident management operations within the region. An output file, with reports and diagrams was generated from the Turbo Architecture software and Dr. Jaffe explained each section of the output file.

14. Michael Pastore from PennDOT District 9-0 hinted that PennDOT 9-0 was building a Traffic Management Center, which will oversee traffic management operations and other related activities within their region. In addition, it was noted that the Penn State University Events Office was the major event promoter for the State College area.

15. Robert Jaffe outlined the activities to be undertaken after the Tier I workshop in preparation for the Tier II Workshop in July 2001. Some of these include identifying stakeholders, gathering information about ITS inventory in the region, identifying services in the region, staying engaged with stakeholders, and keeping lines of communication open.

16. Berton Kisner affirmed the potential and current benefits of ITS to the region and stressed the need for active participation by stakeholders. He closed the Tier I Workshop on a lighter note by providing workshop participants with a list of "ITS" acronyms:

- ITS - Integrated Transportation Systems
- ITS - Identify The Stakeholders
- ITS - Information To Share
- ITS - Involve Train Stakeholders
- ITS - Inventory The Systems
- ITS - Is There Subsystems?
- ITS - Interconnect The Subsystems
- ITS - Interface Terminators' Services

Page 6

Re: Tier I Workshop Minutes

Date: February 28, 2001

- ITS - Implement The Standards
- ITS - Interactive Turbo System
- ITS - Initiate This Stuff

cc: File, OR&A