

2016 Transportation Committee Session Overview

- *Welcome*
- *Introductions*
 - Matthew Cummings - President ACEC/PA
 - Eric Madden - Executive Vice President ACEC/PA
 - Scott Zeevaart - Vice Chairman of Transportation Committee
- *Sub-Committee Overviews*
 - Progress Reports
- *Executive Vice President Remarks*
- *Questions from the Floor*
- *Conclusions*

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2016 Transportation Committee

Sub-Committee Overview

- *Alternative Delivery*
- *Aviation*
- *Construction Services*
- *Contract Administration*
- *DBE*
- *DRPA/DRJTBC*
- *PA Turnpike*
- *Quality Control*
- *SEPTA*
- *Task Force*

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Alternative Delivery

Eric Meyer - Chair Vacancy - Vice Chair

- *Status of Design-Build Discussions*
- *Implementation of Public Private Partnerships (P3's)*
- *Other Alternative Delivery Methods*

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Alternative Delivery

Eric Meyer - Chairman

- *Design-Build*
- *Public Private Partnerships (P3's)*
- *Other Alternative Delivery Methods*

*Address Issues and Concerns
from our Membership*

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2016 Transportation Committee

Aviation

Matthew Marquardt - Chair

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2016 Transportation Committee

Aviation

Sub-Committee Members

	LAST NAME	FIRST NAME	COMPANY	TITLE	EMAIL	Phone #
1	Boschen	Charles	Parsons Brinckerhoff	Sr. Engineering Manager	boschence@pbworld.com	-
2	Epley	Barry	JMT	Sr. Vice President	bepley@jmt.com	-
3	Foust	Deborah	Navarro & Wright	Vice President	dfoust@navarrowright.com	-
4	Frary	Eric	Michael Baker	Vice President	efrary@mbakerintl.com	-
				Associate VP - Transportation Program Manager (PA/WV)	jeff.hans@hdrinc.com	-
5	Hans	Jeff	HDR			
6	Madden	Eric	ACEC/PA	Executive Vice President	emadden@acecpa.org	-
7	Marquardt	Matt	Urban Engineers, Inc.	Senior Vice President	mcmarquardt@urbanengineers.com	-
8	McGinnis	Esther	Gannett Fleming	Vice President	emcginnis@gfnet.com	-
				VP - Aviation Group Leader	bphillips@burns-group.com	
9	Phillips	Brian	Burns			
10	Rocchini	Louis	CDR Maguire	Vice President - Manager	lou.rocchini@cdrmaguire.com	-
11	Scheuermann	Mary	Parsons Brinckerhoff	Sr. Aviation Engineer	scheuermann@pbworld.com	-
12	Stocker	Blair	Hatchmott			-
13	Tiger	Mark	JMT	Vice President	mtiger@jmt.com	-
14	Vandien	James	HDR	Associate Vice President	jim.vandien@hdrinc.com	-
15	Zeevaart	Scott	Gannett Fleming	Vice President	szievaart@gfnet.com	-
				Vice President Aviation & Federal Industries	rhorstmann@kseng.com	
16	Horstmann	Richard	KS Engineers			

Mission Statement (Philadelphia International Airport - PHL)

To assist PHL with **improving the passenger experience** while growing the airport, the ACEC Aviation Sub-Committee will **facilitate a collaborative working relationship between PHL and ACEC/PA members**. This relationship will **strive to maximize the value added by the consulting community in conjunction with PHL**, including the multibillion-dollar expansion at the Airport. ACEC will **act as a conduit for PHL to streamline communications to the consulting community**, thus creating a transparent relationship where communication flows efficiently. All ACEC/PA consultants are eligible and encouraged to participate on the Sub-Committee.

We will maintain a spirit of teamwork and accomplishment based on principles of pride, honesty, trust, professionalism, open communication, integrity, and mutual respect.

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Aviation

Anticipated Projects

- Extension of R/W 8-26
- Relocation of Control Tower – ATC
- Expansion of Terminal BC
- Expansion of Terminal A

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Aviation

New PHL Organization Chart

- Chellie Cameron – CEO
- Tracy Borda – CFO
- Kieran Sheridan – COO
- Diego Rincon – Deputy Aviation Director for Capital Development
- Keith Brune – Deputy Aviation Director of Operations and Facilities

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Aviation

Ongoing Capital Projects

Terminal “F”

Celebration (October 21, 2016)

R/W 9R-27L & Associated Taxiways

Three Construction Phases

Two in Construction

3rd Bid Package – December 2016

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Aviation

Project Delivery at PHL

“ Pennsylvania has archaic project delivery laws,” says Diego Rincon, the airport’s deputy director of capital development. “We have a multiple prime configuration for big projects.”

The culprit is the Separations Act, passed in 1913.

enr.com October 10, 2016

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Aviation

Ongoing Items of Discussion

- How can we best help DOA with their upcoming program?
- DOA expectations of this Committee
- Interaction with the Program Management Firm
- Open End Agreements
- Capital Improvements
- Project Lessons Learned
- Lines of Communication with DOA and the Committee
- Alternative Delivery Methods
- Profit Factors

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Aviation

Meetings Held in 2016

April 8, 2016 – PHL

August 31, 2016 – Bill 2113

November 15, 2016 - Internal

December XX, 2016 - PHL

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Aviation

Summary - Highlights

Chellie Cameron (CEO) spoke last month at a joint WTS/CMAA Event

- Things are moving, but at a slow rate
- The new runway will be built but not now
- Highest passenger totals since 2008 (2015)
- Larger planes and higher seat capacity efficiency
- Greater focus on the passenger experience – Terminal Upgrades
- House Bill 2113 (streamlining the delivery process)
- Expanding overseas travel

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Construction Services

Scott H. Schaeffer, PSP PMP- Chair

Derek Rogers (West), Tony Dougherty PE (East), and Tim Farney PE (Central) - Vice Chairs

- ***Inspector Wage Rate Increases***
- ***Consultant Mileage and Hour Logs (CMH)***
- ***Unemployment Compensation Update***
- ***Workforce Development***
- ***Inspector Tracking – AVL / GPS***

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Construction Services

- *Compensation for Project Management Time*
- *Wage Rate Approval Process*
- *PennDOT Winter School*
- *Additional Issues*
- *Questions*

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Contract Administration

Steve Bolt - Chair

- *Activities Completed in 2016*
- *Activities Planned for 2017*
- *Any Questions/No Questions?*

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Disadvantaged Business Enterprises

Sharmon Winters - Chair Lea Nadler - Vice Chair

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2016 Transportation Committee

DRPA/DRJTBC

Jim Maloney - Chair Joe Riley - Vice Chair

Delaware River Port Authority (DRPA)

Delaware River Joint Toll Bridge (DRJTBC)

Conducted in Partnership with ACEC/NJ Sub-committees:

- *DRJTBC: Andy Paluri (WSP/Parsons Brinckerhoff)*
- *DRPA: Ken Fulmer (Urban Engineers)*

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DRPA/DRJTBC

Jim Maloney - Chair Joe Riley - Vice Chair

- ***Delaware River Port Authority (DRPA)***
 - 4 Calls/Year; 2 w/ Mike Venuto, DRPA Chief Engineer
 - Chairs met with DRPA key staff January 2016
 - Feedback about consultant performance:
 - *Project Schedules / Delivery*
 - *Construction Monitoring*
 - *Checking & Constructability*
 - Follow-up discussions in March, May & October
 - Planning (3) half-day workshops in 2017
 - Establishing planning committee with DRPA staff
 - Targeting 1Q 2017 for first event

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DRPA/DRJTBC

Jim Maloney - Chair Joe Riley - Vice Chair

- ***Delaware River Joint Toll Bridge Commission (DRJTBC)***
 - Last Meeting April 6, 2016 (Roy Little and Joe Resta)
 - Topics Discussed:
 - Workshop Concept
 - Debriefings – non-project staff only; one proposal per firm; A-Team
 - Insurance – requested input from ACEC
 - Overhead Cap – ACEC provided information
 - Unforeseen Allowance – working fine
 - Max. Work Order – no longer capped
 - New Procurement Website
 - Considering electronic invoicing / proposals

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DRPA/DRJTBC

Jim Maloney - Chair Joe Riley - Vice Chair

- ***DRPA Capital Program***
 - ***2016 - \$165M***
 - ***2017 - \$165M***
 - ***2018 – 2020 - \$130M***
- ***DRJTBC Capital Program***
 - ***Rehab done on 16/20 bridges***
 - ***\$35M/yr. program (beyond Scudder Falls)***

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PA Turnpike

Bill Brown - Chair Jeff Guzy - Vice Chair

Meet Annually with PTC Engineering Staff (Minutes on ACEC/PA Website)

- PTC Capital Program
 - 2017 Status Quo
 - Beyond 2017, ???
- Errors and Omissions
 - PTC concerned with Quality and this is their method to effect change
 - 2016 no significant change in frequency
 - Genuine desire to work together to improve situation – work in process
- Insurance
 - PTC does not require subconsultants to have terms imposed on Primes
 - Subconsultant insurance requirements to be negotiated with Primes

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PA Turnpike

Bill Brown - Chair Jeff Guzy - Vice Chair

- **Contractual**
 - Eliminating requirement for OH adjustment invoices on future contracts
 - DB “goal” is based on actual costs
 - Avoid conflicts of interest. If not, indicate how they will be mitigated (example CM/CI Subs involved in design but not addressed in SOI)
 - Be aware of possible issues when doing Design Build work
 - Subconsultant Information not being included with ECMS submission
 - TET and PSPC members required to sign confidentiality agreements. Do NOT compromise them

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PA Turnpike

Bill Brown - Chair Jeff Guzy - Vice Chair

- **Technology**
 - No foreseeable change in use of Kahua and ECMS
 - PTC Quality Improvement website launched (will provide lessons learned)
 - Further use of GIS for asset management
 - Future CDS update to implement use of Tablets for CM/CI services (similar to PennDOT)
- **Support Services**
 - PADEP Permits (NPDES, 105) – Submit 1-year before let date
 - Right of Way Plans – Complete 1-year before let date
 - Utility coordination – as soon as possible

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Quality Control

Natalie Barnhart - Chair John Prybella - Vice Chair

- ***Redirected Focus in 2016***
 - Identified five areas to focus on
 - *Invoicing*
 - *Supplementals*
 - *Roundabouts*
 - *After Action Review process*
 - *P3 Lessons Learned*
- ***Invoicing***
 - Collected readily available data from ECMS
 - *Biggest finding is the length of time to pay sub-consultants*
 - *Next steps: Now that there is awareness, monitor for improvement, take additional steps if necessary*

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Quality Control

Natalie Barnhart - Chair John Prybella - Vice Chair

- ***Supplemental Agreements***
 - Collected Readily Available Data from ECMS
 - *Found that Processing Time for Supplementals was Reasonable*
 - *Next steps: Continue to Monitor*
- ***Roundabouts***
 - Collect Data with Focus on Pedestrian Safety
 - *Consultants on Board and Data Collection Started*
 - *Next Steps: Collect Data, Research Pedestrian Safety Data*

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Quality Control

Natalie Barnhart - Chair John Prybella - Vice Chair

- **After Action Reviews**
 - Create user-friendly template
 - *Draft template is near completion*
 - *PennDOT working on automating as much as possible*
 - *Next Steps: Circulate to ADE's for review*
- **P3 Bridges Lessons Learned**
 - Identify successful processes that can be adopted into the normal design/construction process
 - *Working with PennDOT P3 Project Manager to identify data that is already being collected.*
 - *Next steps: Follow-up meeting with P3 Project Manager regarding available data.*

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Quality Control

Natalie Barnhart - Chair John Prybella - Vice Chair

- **2017 and Beyond**
 - Implement After Action Review Process
 - *Issue template and guidance to Districts*
 - *Set timeline for data collection once process starts*
 - *Roundabouts*
 - Roundabout Data Review
 - *Assist PennDOT with messaging the operational and safety benefits*
 - P3 Data Review
 - *Identify potential areas to streamline design process*
 - Identify Additional Items for Review
 - *Work Orders*
 - *Other*

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2016 Transportation Committee

SEPTA

Joe McAtee - Chair Scott Sibley - Vice Chair

- ***13 Member Firms***
- ***Quarterly to Semi-Annual Meetings***
- ***Joint Development of Agendas***
- ***Covers Business Needs and Technical Goals***

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SEPTA

Joe McAtee - Chair Scott Sibley - Vice Chair

- ***Sub-Committee Breakdown is 13 Firms: 2 Architects, 11 Engineers***
- ***Meetings Held with SEPTA Technical Leadership***
- ***Held Meetings 41, 42 and 43 in last 12 Months***
- ***Long-Standing Sub-Committee, Coming Up on 44th Meeting***
- ***New Members are Always Welcomed***
- ***Act 89 Has Provided Significant New Design and CM Opportunities***

See SEPTA Website for Upcoming Procurements

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SEPTA

Joe McAtee - Chair Scott Sibley - Vice Chair

Typical Agenda Items:

SEPTA Program Priorities & Organization Changes

Status of Design Guidelines

Cycle Time from Selection or Task Issuance to NTP

12 Month Look-Ahead

Contract Negotiations Items: Indemnification, Fee %

Consideration for Future Lump Sum Fee approach

Open Discussion

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ACEC/PA - PennDOT Task Force

- *Matthew Cummings*
- *Natalie Barnhart*
- *Steve Bolt*
- *Sean Henderson*
- *Eric Madden*
- *Steve Moore*
- *Scott Schaeffer*
- *Joe O'Neil*
- *Sharmon Winters*
- *Scott Zeevaart*

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Executive Vice President's Remarks

Eric Madden

ACEC/PA Topics

- Tri-State Conference in West Point, NY
- ACEC/PA PAC Goals
- ACEC National PAC Goals
- Federal Funding Overview
- PennDOT Audit Reviews
- PennDOT Funding Overview

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Questions from the Floor

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Conclusions/Needs

- *Need for Sub-Committee Vice Chair Leaders*
- *Need for Other Sub-Committees*
- *Need for Active Memberships*
- *Need for More Regular Meetings for Sub-Committees*
- *Other*

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Adjournment

Thank You!

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