Construction Packages
Industry Day #4 Meeting & Discussion
Agenda

- Introduction to ACAA and PIT
- Terminal Modernization Program (TMP)
- TMP Team
- TMP Project Overview
- Site Plan & Construction Management
- Construction Projects Timeline Overview – Early Construction Projects
- Questions
Allegheny County Airport Authority (ACAA)

• Manages Pittsburgh International and Allegheny County Airports

• Nine-Member Board of Directors (meet monthly)

• 450+ Employees
VISON

To transform Pittsburgh’s Airports to reflect and serve the community, inspire the industry, and advance the region’s role as a world leader.
MISSION

A global aviation leader driving innovation, regional growth and prosperity by investing in our employees, customers, airlines, and partners.
Greater Pittsburgh International Airport Opened in 1952
A global aviation leader driving innovation, regional growth and prosperity by investing in our employees, customers, airlines, and partners.

PIT Midfield Terminal Opened in 1992
MISSION

A global aviation leader driving innovation, regional growth and prosperity by investing in our employees, customers, airlines, and partners.

• Opened October 1992 – 27 years ago
• Was primarily connecting traffic – USAir hub
• Built for 32 million passengers
• Landside terminal incorrectly configured for today’s needs
• Maintenance costs – aging equipment

Reasons for Modernization

Need a smarter, flexible facility that will continue to advance the region.
MISSION
A global aviation leader driving innovation, regional growth and prosperity by investing in our employees, customers, airlines, and partners.

PIT Today
Passengers Up / Airline Costs Down

### Passengers

<table>
<thead>
<tr>
<th>Year</th>
<th>Passengers</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>7.99</td>
</tr>
<tr>
<td>2015</td>
<td>8.13</td>
</tr>
<tr>
<td>2016</td>
<td>8.31</td>
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<tr>
<td>2017</td>
<td>8.99</td>
</tr>
<tr>
<td>2018</td>
<td>9.66</td>
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### Cost Per Enplaned Passenger

<table>
<thead>
<tr>
<th>Year</th>
<th>Cost Per Passenger</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>$13.91</td>
</tr>
<tr>
<td>2015</td>
<td>$12.89</td>
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<tr>
<td>2016</td>
<td>$12.86</td>
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<td>2017</td>
<td>$12.76</td>
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<tr>
<td>2018*</td>
<td>$11.30</td>
</tr>
<tr>
<td>2019*</td>
<td>$10.35</td>
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</tbody>
</table>
The TMP Team

ACCAA Board & CEO

SVP Engineering, Planning & Capital Development

Program Director

Program Management Office (PMO)
PM Teams | ACAA Teams | CM Teams

Terminal Design Team
Gensler + HDR in assoc w/ luis vidal + architects
CM: PJ Dick/Hunt (JV)

Landside Design Team
Michael Baker International
CM: Turner Construction
Our Future
Modernization Accomplishments to Date

• Master Plan Approved (2017)
• TMP Announced September (2017)
• Environmental Assessment FONSI (2018)
• World-Class Design Team Assembled (2018)
• Concept Design Completed (Feb. 2019)
• Support of Airline and Community Partners
Components of TMP

- Overall concept development – landside terminal, parking, rental car facilities, etc.
- New landside terminal
- Terminal wayfinding
- Renovation of the existing airside concourses
- New parking garage and Ground Transportation Center
- Overall site design, including landscaping
- Infrastructure design to support roadways, bridges and certain surfaces
- Parking lots
TMP Project Phases

- **Concept Design**: Big Ideas + Possibilities
- **Schematic Design**: More Detailed Information about Systems, Materials + Relationships
- **Design Development**: Detail Development + Continued Coordination Between Engineers
- **Construction Documents**: Construction + Implementation
- **Bidding & Negotiation**
- **Construction Administration**
Site Plan – Landside and Terminal Projects
New Ground Transportation Center and Parking Options
Two Construction Management Teams

Terminal Projects
P.J. Dick / Hunt Joint Venture

Landside Projects
Turner Construction
Well-Defined Project Delineation

Terminal Components (PJ Dick / Hunt JV)
- New Landside Terminal Building
- Baggage Handling System
- Enabling Projects
- Terminal Roadways and Bridges
- Various Utilities Relocation
- Demolition Activities

Landside Components (Turner Construction)
- Parking Garage (Ingress and Egress)
- Close-In, Long-Term Surface Parking Lot
- Commercial Vehicle Surface Parking Lot
- Ground Transportation Center (GTC)
- Rental Car “Ready Return” Parking Lot
- Rental Car Quick-Turn-Around (QTA) Facility
Well-Defined Construction Management Scope of Services

- Pre-Construction Services
- Cost Estimating / Benchmarking to Validate Milestone Budgets
- Create and Manage Construction Schedules
- Manage Bid Packaging and Processes
- Design Constructability Reviews
- Value Engineering
- Coordinate Construction Activities Between all Prime Contractors
- Multiple Construction Logistical Plans
- Maintaining Airport Operations
- Construction Phasing and Sequencing Across Multiple Primes
- Manage Third-Party Commissioning Services
Construction Projects Timeline Overview
Construction Packages Timeline Overview*

- Early Works / Site Preparation Packages Bids: September 2019 – January 2020
- Ceremonial Groundbreaking: October 2019
- Construction Documents Developed: 2Q 2020
- Bidding and Negotiation of terminal construction packages phased through 3Q & 4Q 2020
- Naming of prime contractors expected in mid-to-late 2020
- Construction of landside terminal and new parking garage: late 2020 – 2023
- Grand Opening - 2023

* Note: These preliminary dates are subject to change
Early Construction Projects

- **Passenger Boarding Bridges Demolition:**
  ~ Bid advertisement: June 2019
  ~ Bid opening: July 2019
  ~ Project Awarded: September 2019
  ~ Construction Notice to Proceed: October 2019

- **Aircraft Hydrant Fueling System:**
  ~ Bid advertisement: October 2019
  ~ Bid opening: November 2019
  ~ Project Awarded: January 2020
  ~ Construction Notice to Proceed: January 2020

- **Preparing Early Site Access:**
  ~ Bid advertisement: January 2020
  ~ Bid opening: February 2020
  ~ Project Award: March 2020
  ~ Construction Notice to Proceed: March 2020

Bid Advertisements will be posted on:
- Pittsburgh Post-Gazette
- New Pittsburgh Courier
- Flypittsburgh.com
- PITtransformed.com
- aaae.org
- airports council.org
- acconline.org
Contractual and Insurance Requirements
• Once contract is awarded (for Professional Services), negotiations will begin with regard to scope of work and fees.

• Insurance coverage will also be negotiated with the exception of the statutorily mandated coverages.

• ACAA has contracted with Alliant for an Owner Controlled Insurance Program (OCIP) to streamline processes and site safety.

• Administrative Action is submitted to the ACAA Board for approval.
TMP DBE Requirements

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Q & A