



ALLEGHENY COUNTY AIRPORT AUTHORITY

PITTSBURGH INTERNATIONAL AIRPORT
ALLEGHENY COUNTY AIRPORT

Industry Day
December 8, 2017



PITTransformed.com



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Introduction



Introduction

Christina's Video



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Purpose & Need





Background





Landside Terminal Not Flexible





Multiple curbs on two levels create confusion





Multiple curbs on two levels create confusion





Multiple curbs on two levels create confusion



Excess Ticketing and Baggage space





Excess Ticketing and Baggage space



Excess Ticketing and Baggage space





Two TSA Check Points





Two TSA Check Points





Two TSA Check Points





So many Conveyances to maintain





So many Conveyances to maintain



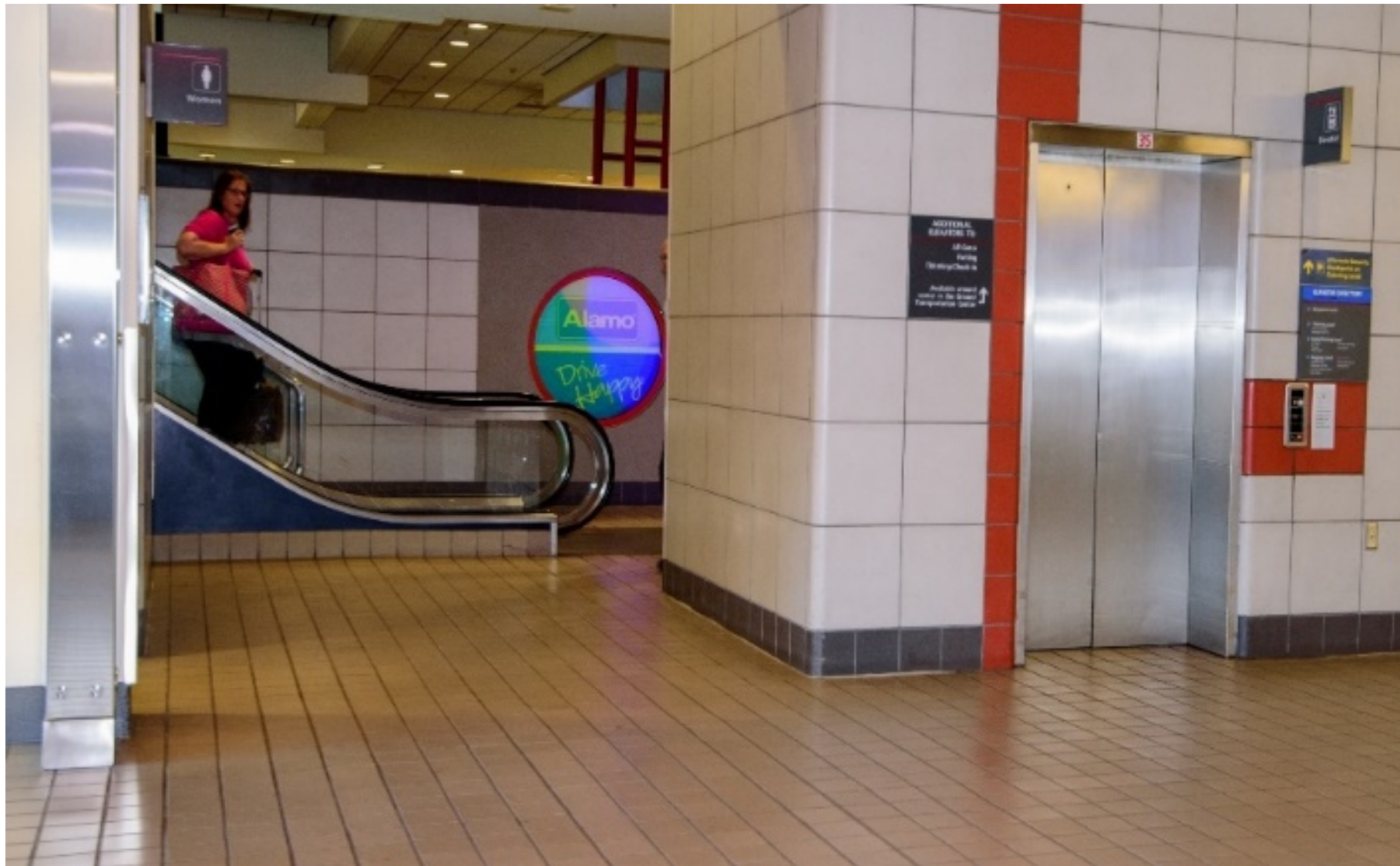


So many Conveyances to maintain





So many Conveyances to maintain





Outdated and underutilized Parking Garage





and a Train, too



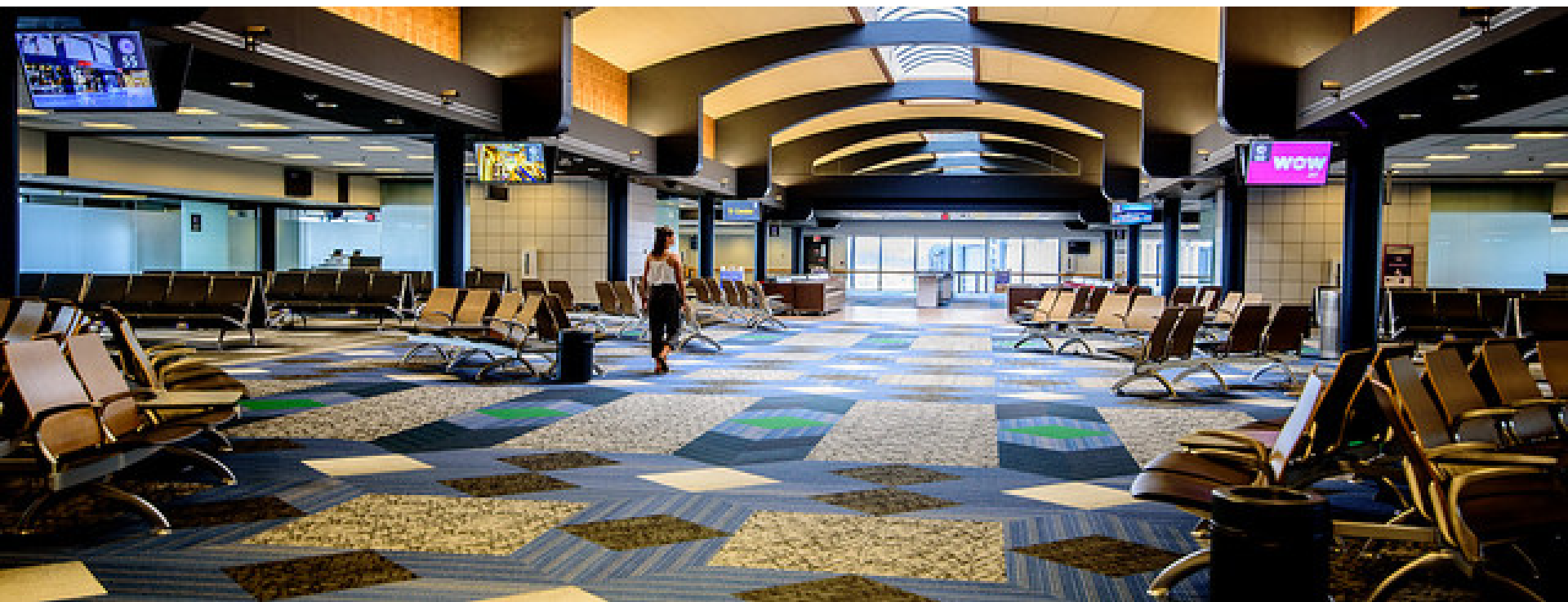


An Airside that works





Refurbishing the Airside Terminal





MPU Milestones

Demonstrate a Collaborative and Thorough Review





Terminal Modernization Plan

The Clear Winner for Pittsburgh, ACAA, and the Airlines



1. New Terminal Processor
2. Airside Terminal with 51 Gates
3. New Quick-Turn-Around Area
4. New Rental Car Overflow Lot
5. New Parking Garage and Rental Car Center
6. New Long Term Parking Lot
7. Hotel
8. Extended Stay Parking
9. Energy Plant and Shipping and Receiving
10. New Commercial Vehicle Lot
11. New Cell-phone Lot
12. Rental Car Maintenance Facility
13. Parking Garage
14. Demolish Gates



Terminal Modernization Plan: PIT

Transformed Highlights



- Leaders in airport design
- Flexibility - big box, loose fit
- New technology & infrastructure
- Expandable
- “Tech-forward” and multi-generational ready
- Lower O&M Costs
- Keep costs to airlines stable
- No Local Taxpayer Funds
- Become Pittsburgh’s airport



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Terminal Modernization Plan Details



Pittsburgh's Airport Transformed





Aerial Perspective

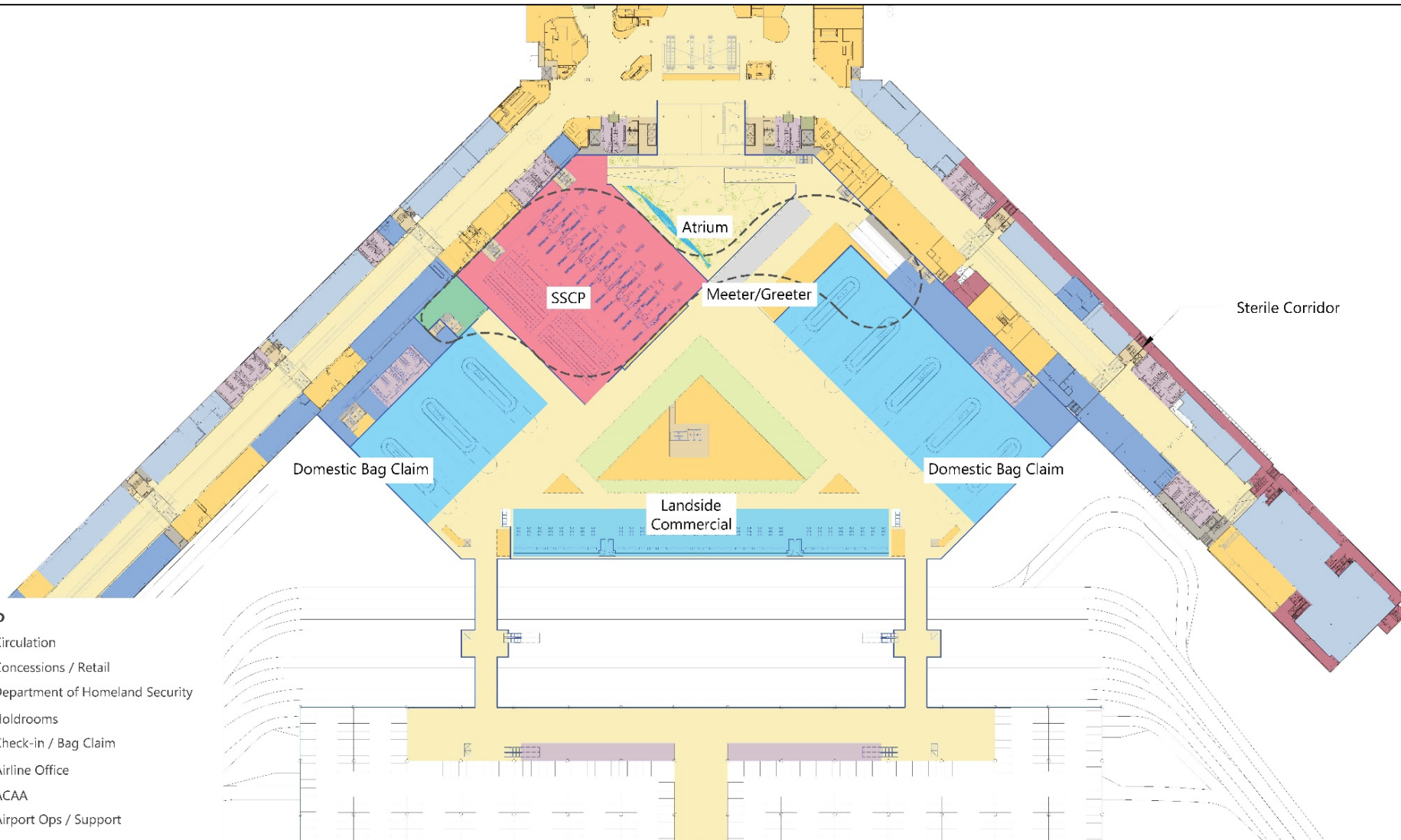
Conceptual Rendering



1. New Terminal Processor
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Single Level Concourse Floor Plan





Departures Curb

Conceptual Rendering





Check-In/Landside Commercial Area

Conceptual Rendering





Atrium Recompose Space

Conceptual Rendering





Meet and Greet Area

Conceptual Rendering





Bag Claim to Check-In Area

Conceptual Rendering





Bridge to Parking Garage

Conceptual Rendering





Rental Car Center

Conceptual Rendering





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Best Practices & Collaboration



Our Aspirations





The Best Airport for Pittsburgh

Best practice focus areas

- Arts and Culture
- Building Systems/BIM
- Concessions
- Gardens and Landscaping
- Ground Transportation and Parking
- Accessibility
- Safety and Security
- Sustainability
- Technology
- Other Areas to be Identified



Integration with the Design Process

- Partnering with local, national, and international expertise
- Benchmarking with other airports and industries
- Providing input during project scoping
- Continuing at key points in the design process
- Resulting in the best airport for Pittsburgh



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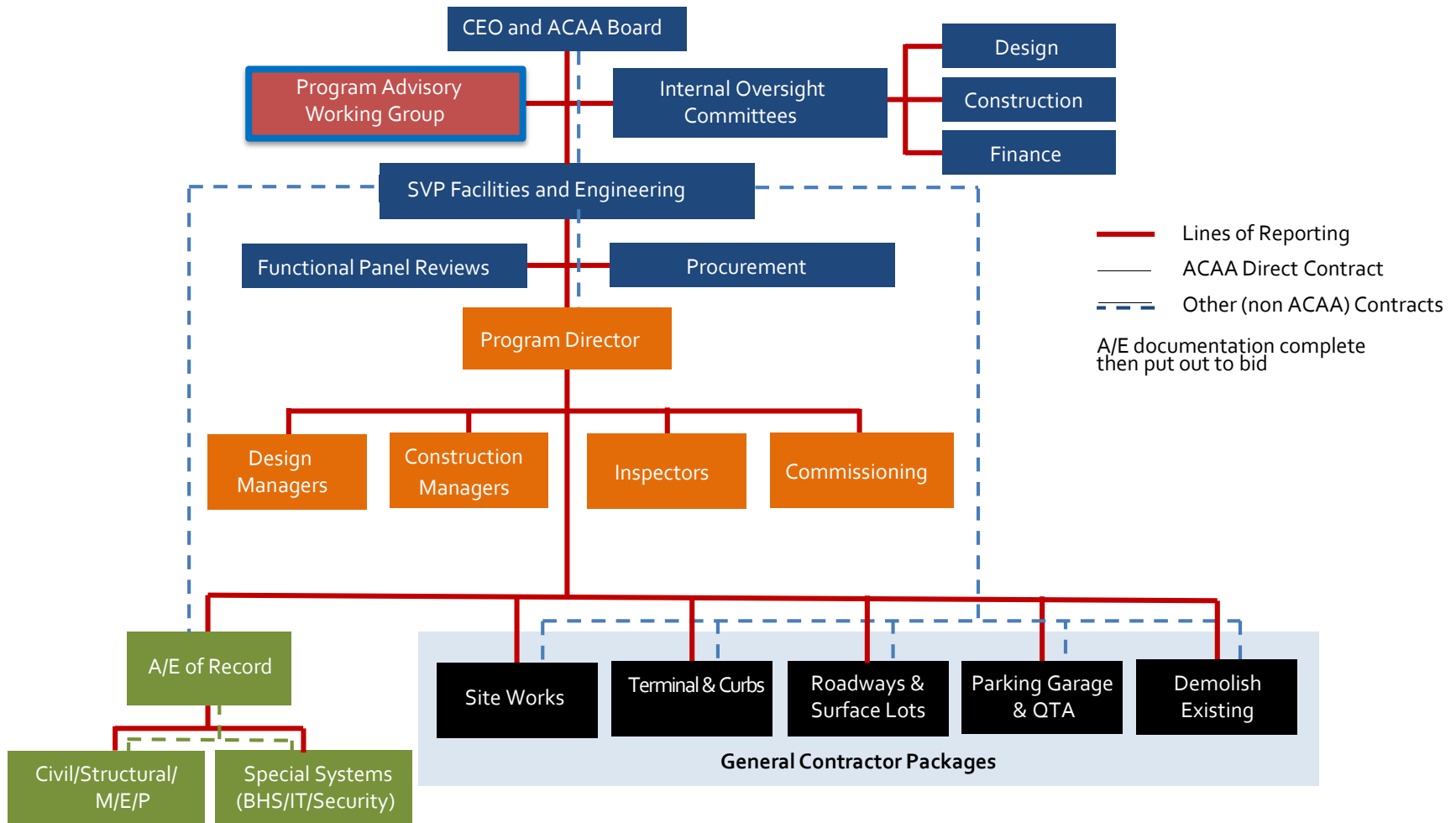
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Program Implementation



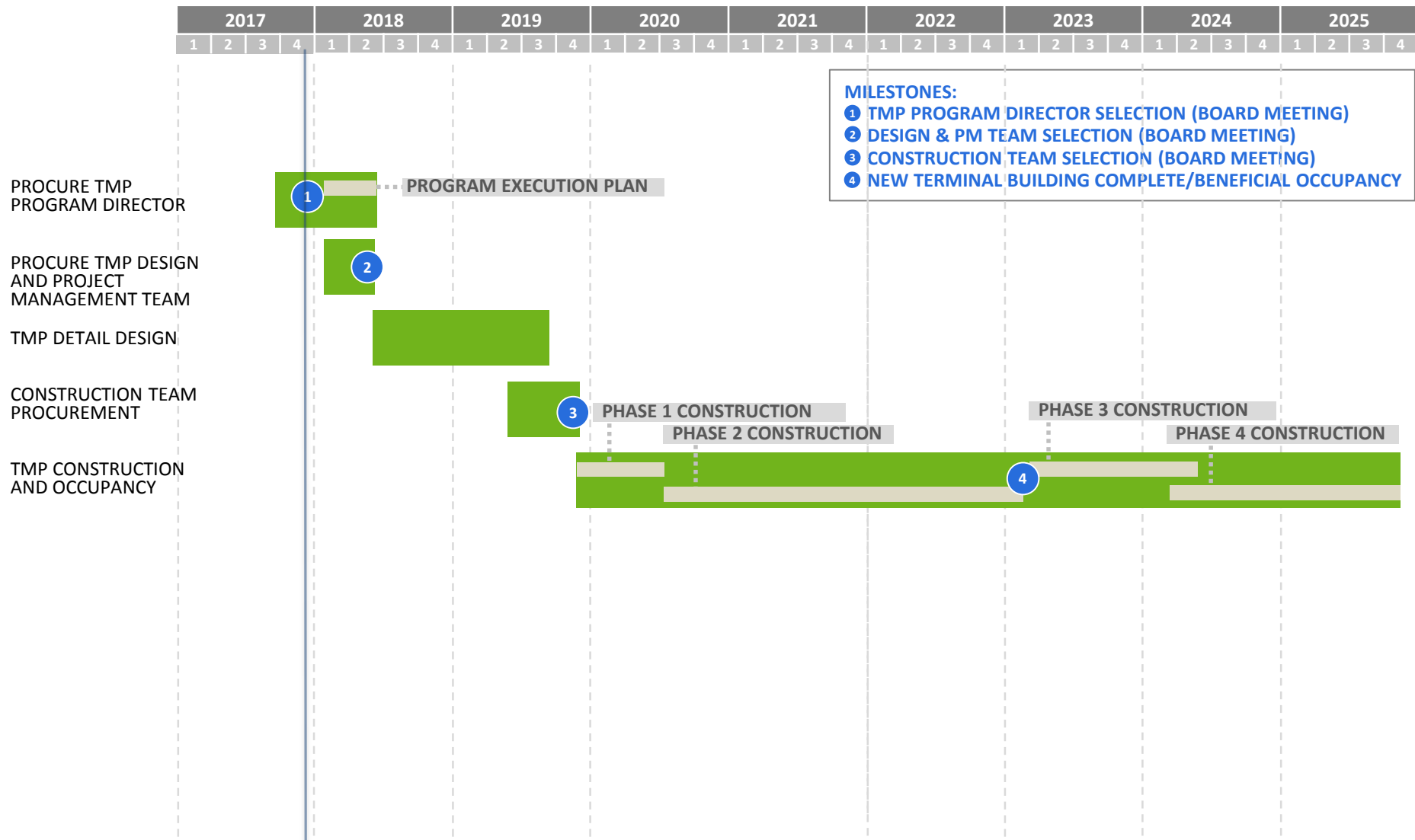
Proposed TMP organization

Based on Best Practices, Lessons Learned and ACAA Goals





Terminal Modernization Program Schedule





Terminal Modernization Program

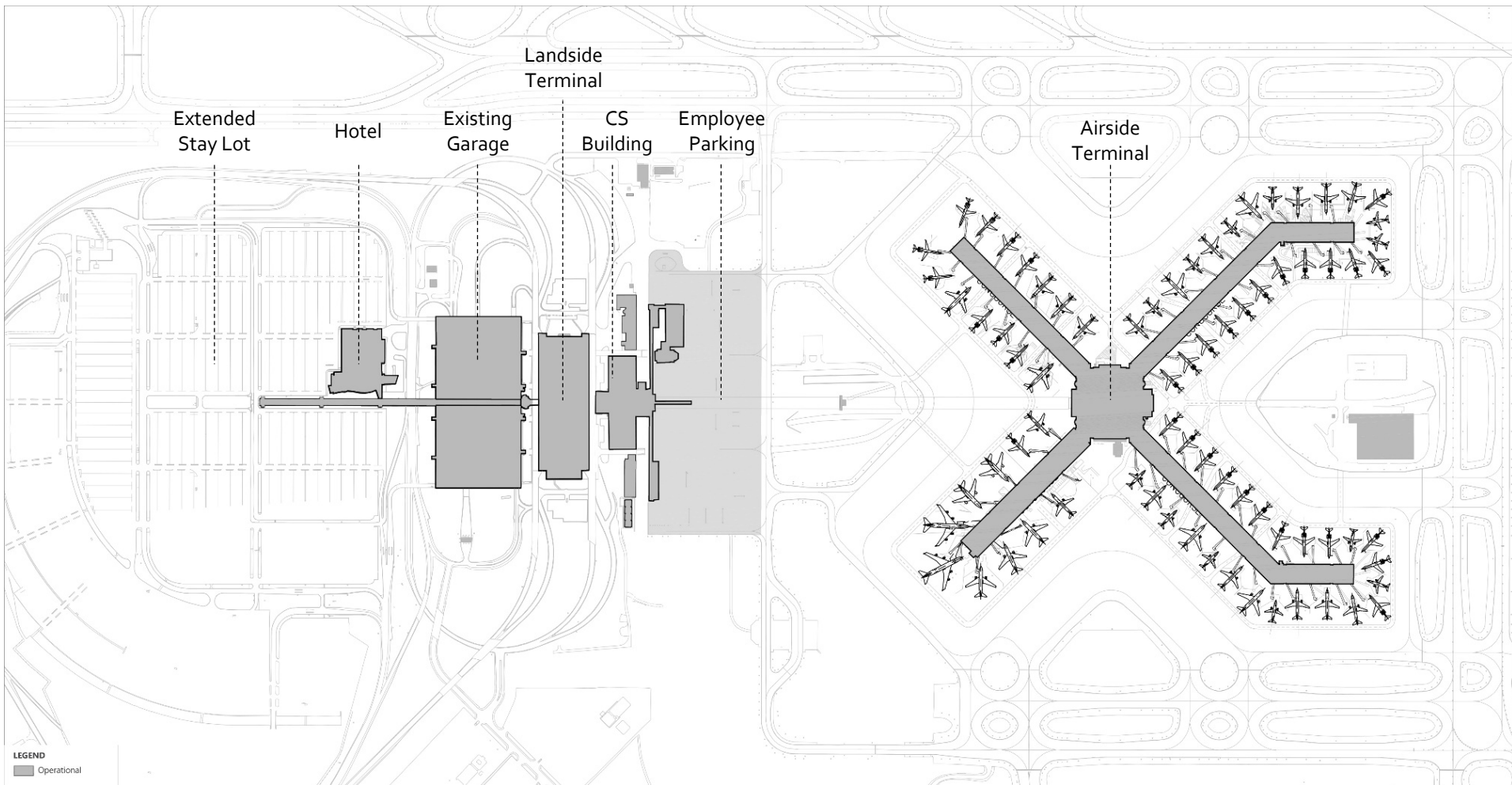
Conceptual Rendering



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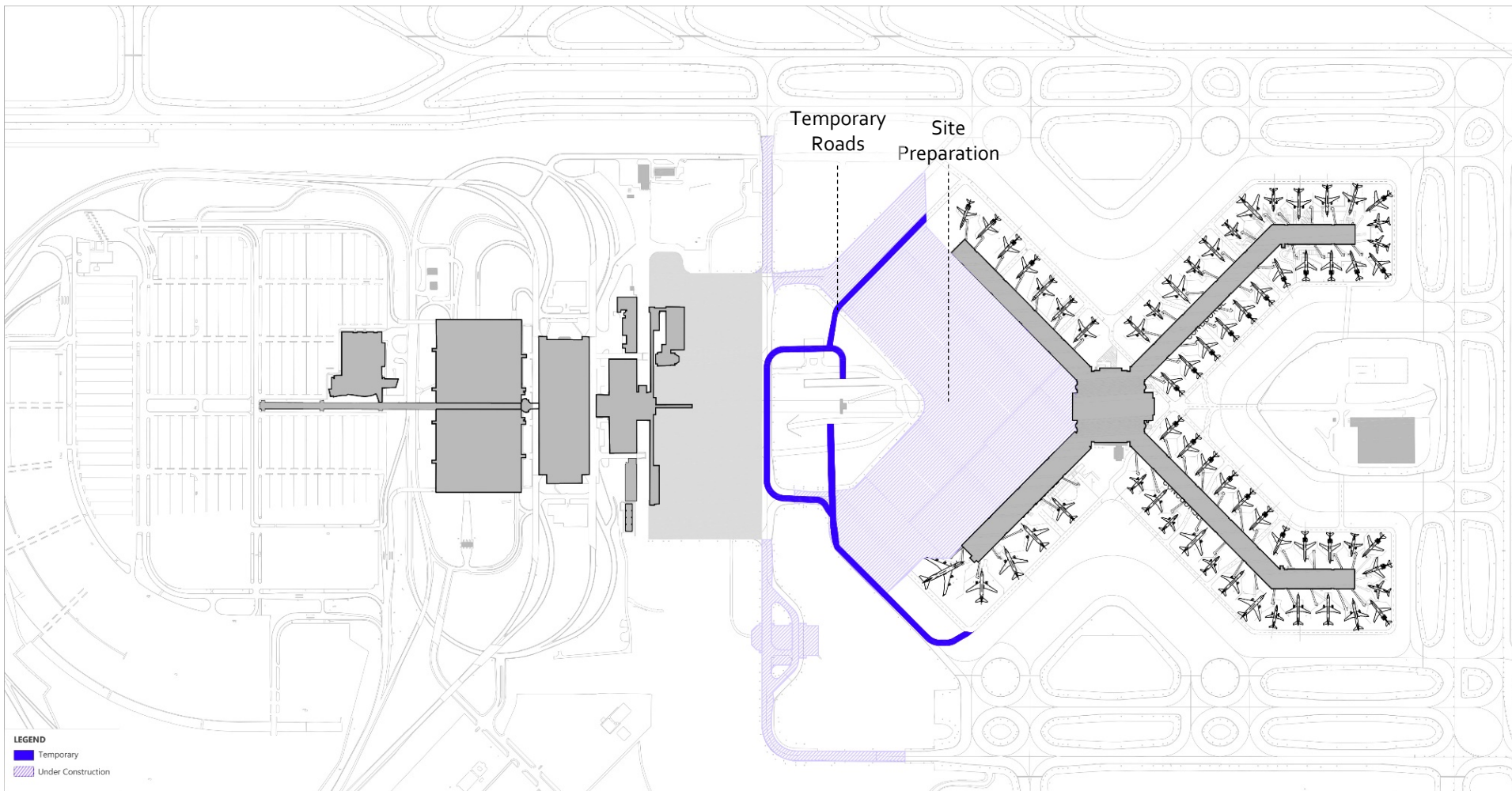


Existing Conditions



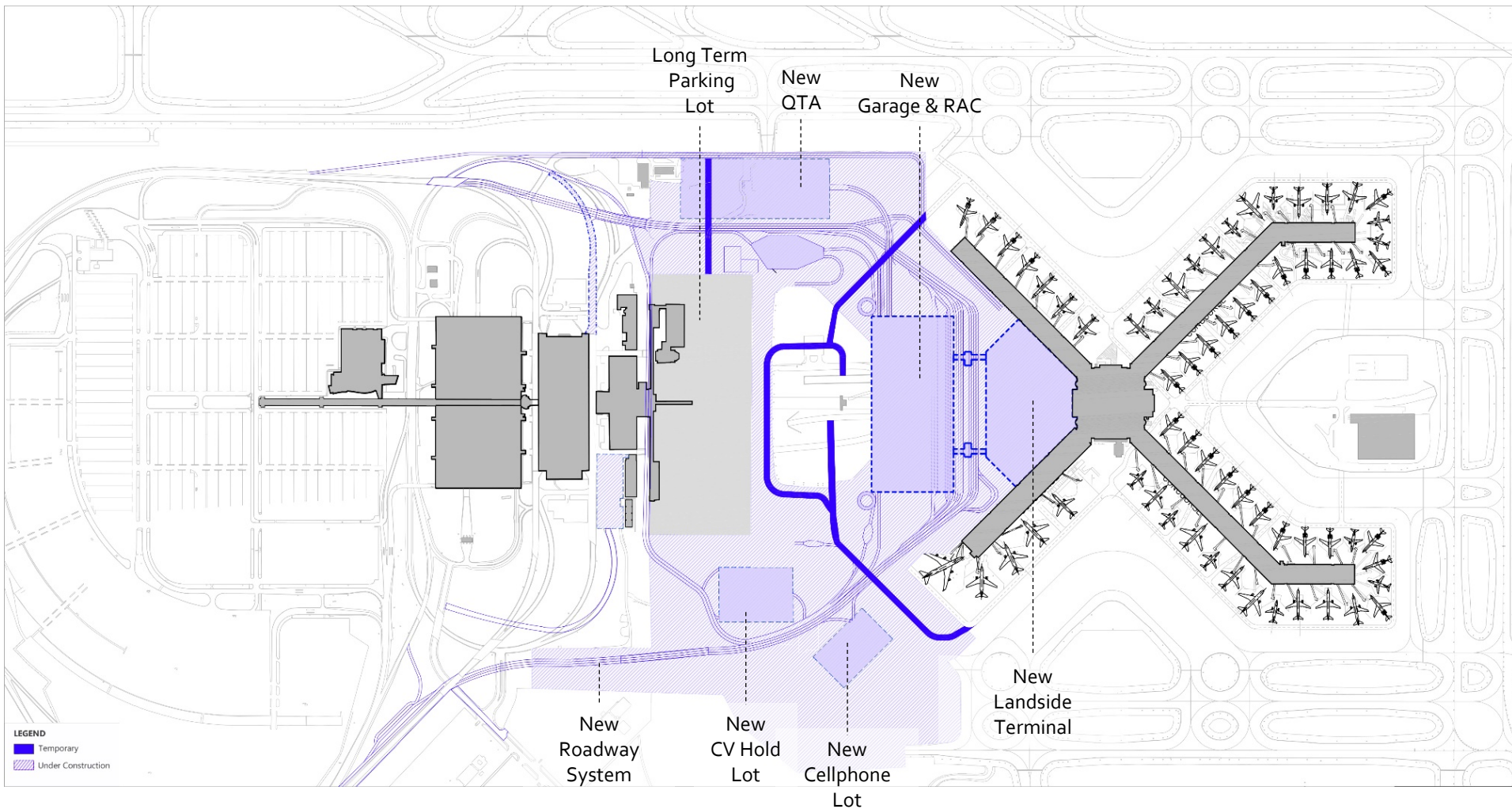


TMP Implementation: Phase 1



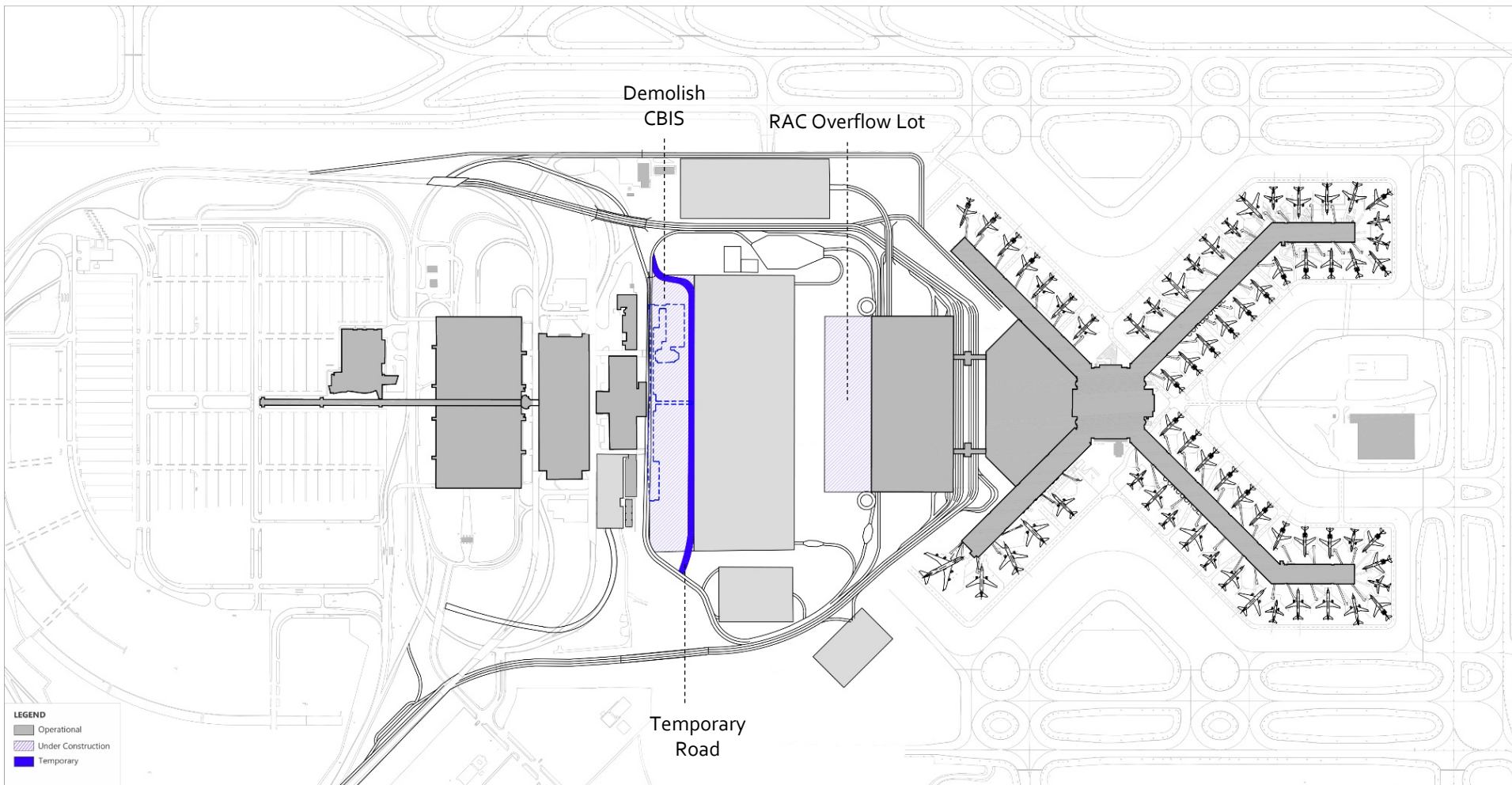


TMP Implementation: Phase 2



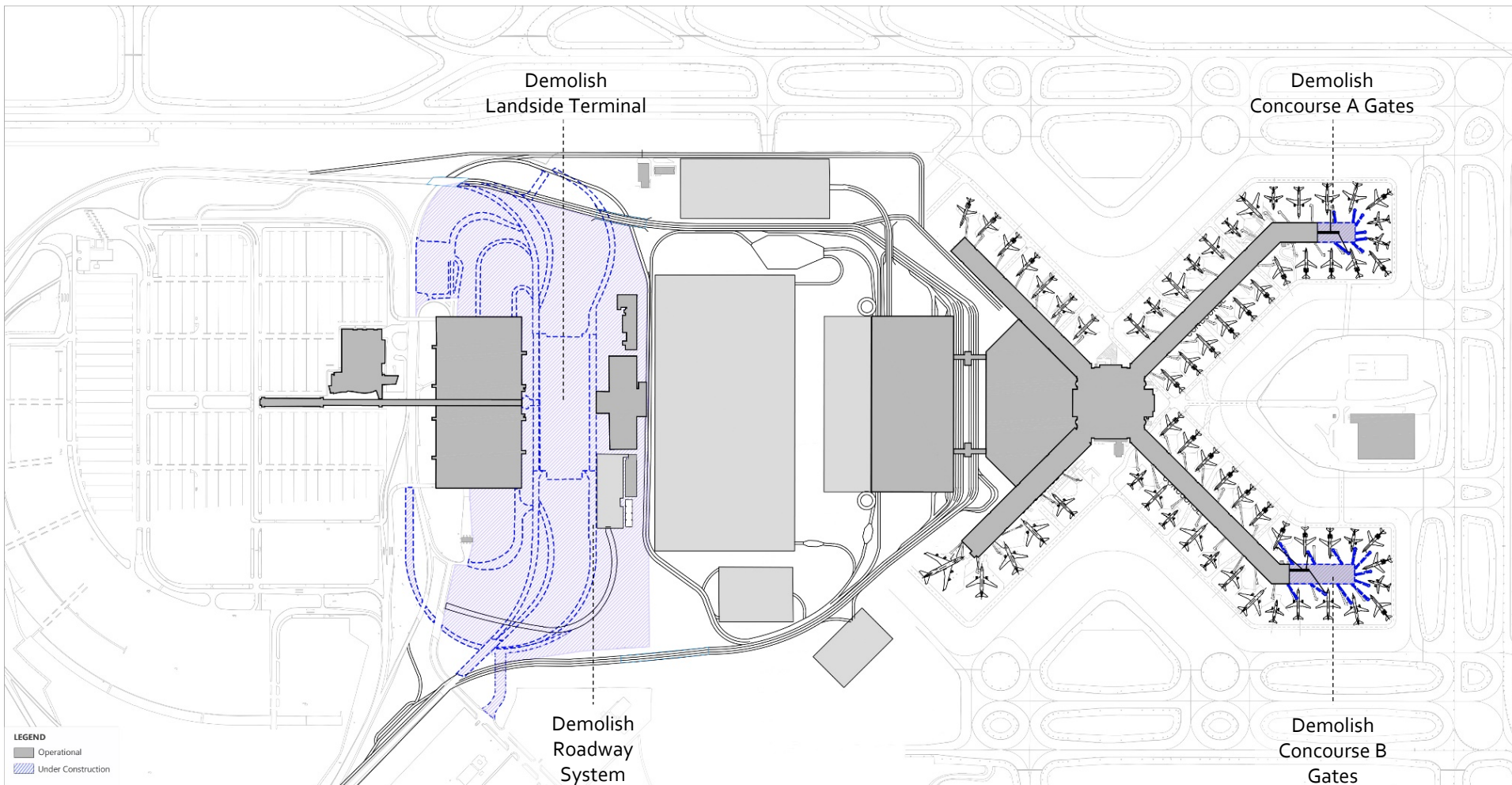


TMP Implementation: Phase 3





TMP Implementation: Phase 4



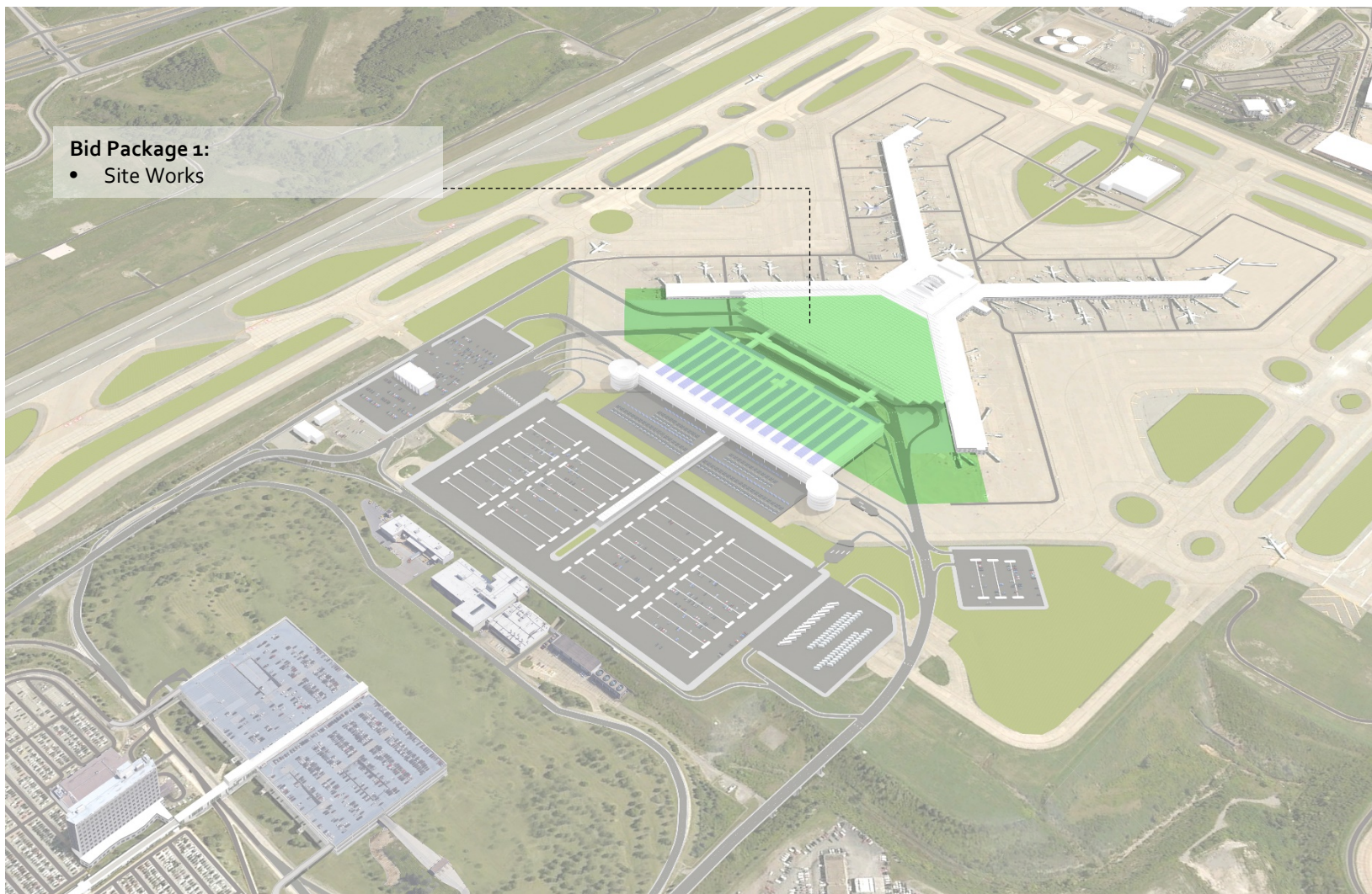


Proposed Construction Delivery Method(s)

- PA Separations Act requires traditional delivery method for vertical construction
- Existing staff expertise is in the traditional method, or Design-Bid-Build (D-B-B)
- Will look to our Program Director for further advice
- As of today, we are projecting to use traditional, D-B-B method for all work
- We may consider alternative method, such as Design-Build for the Parking Garage / QTA

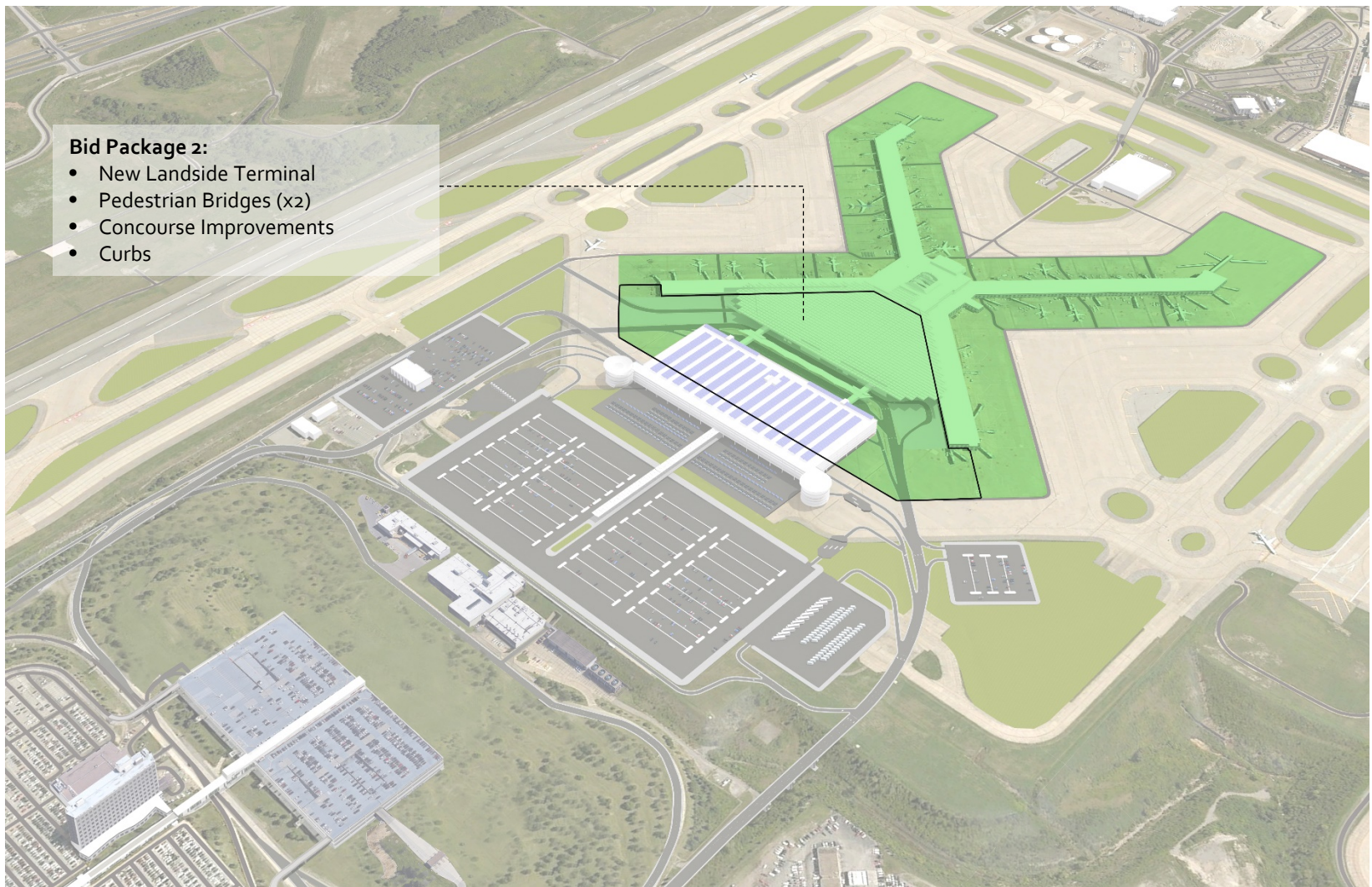


Bid Package 1: Site Works



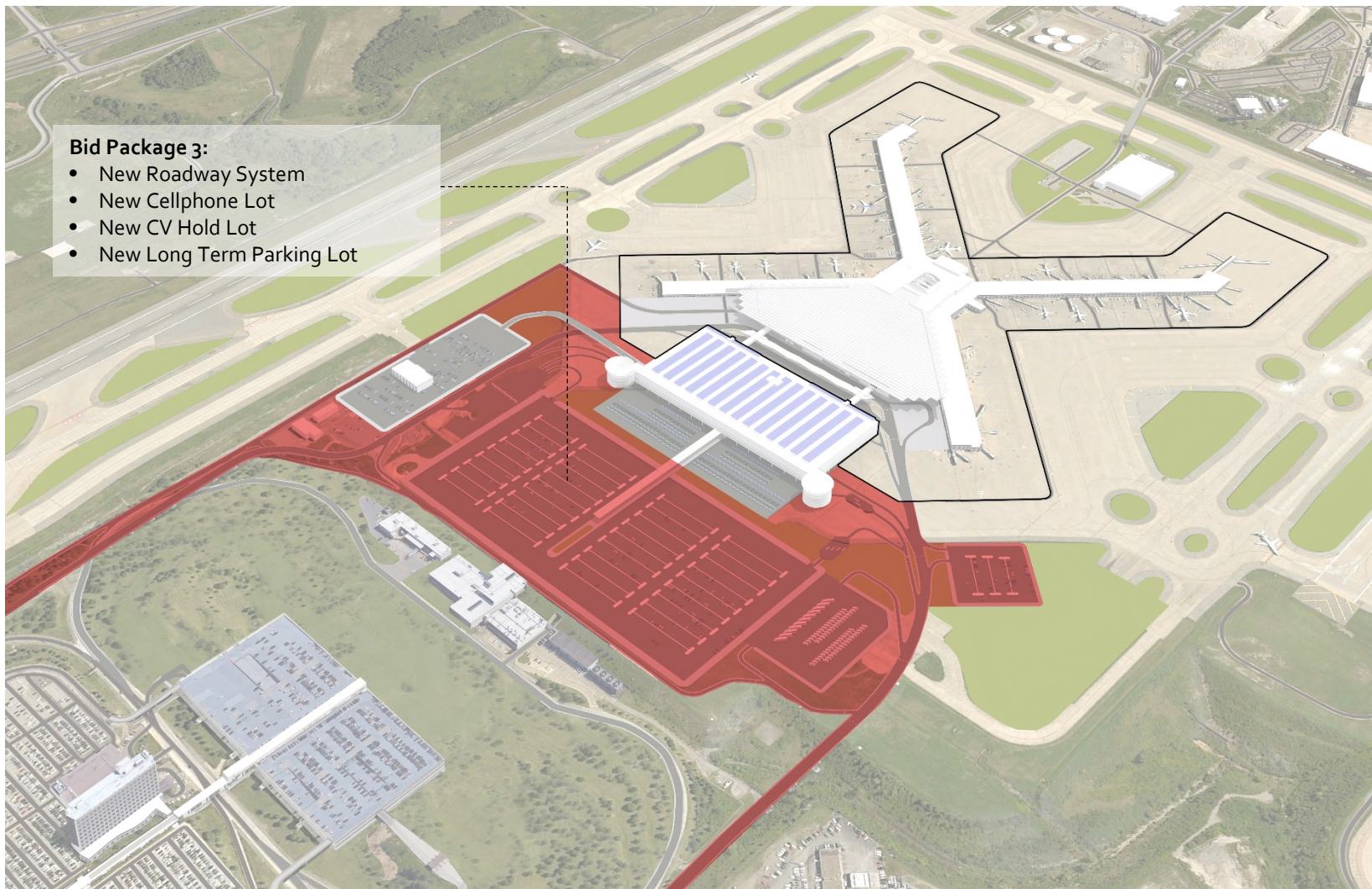


Bid Package 2: Terminal and Curbs



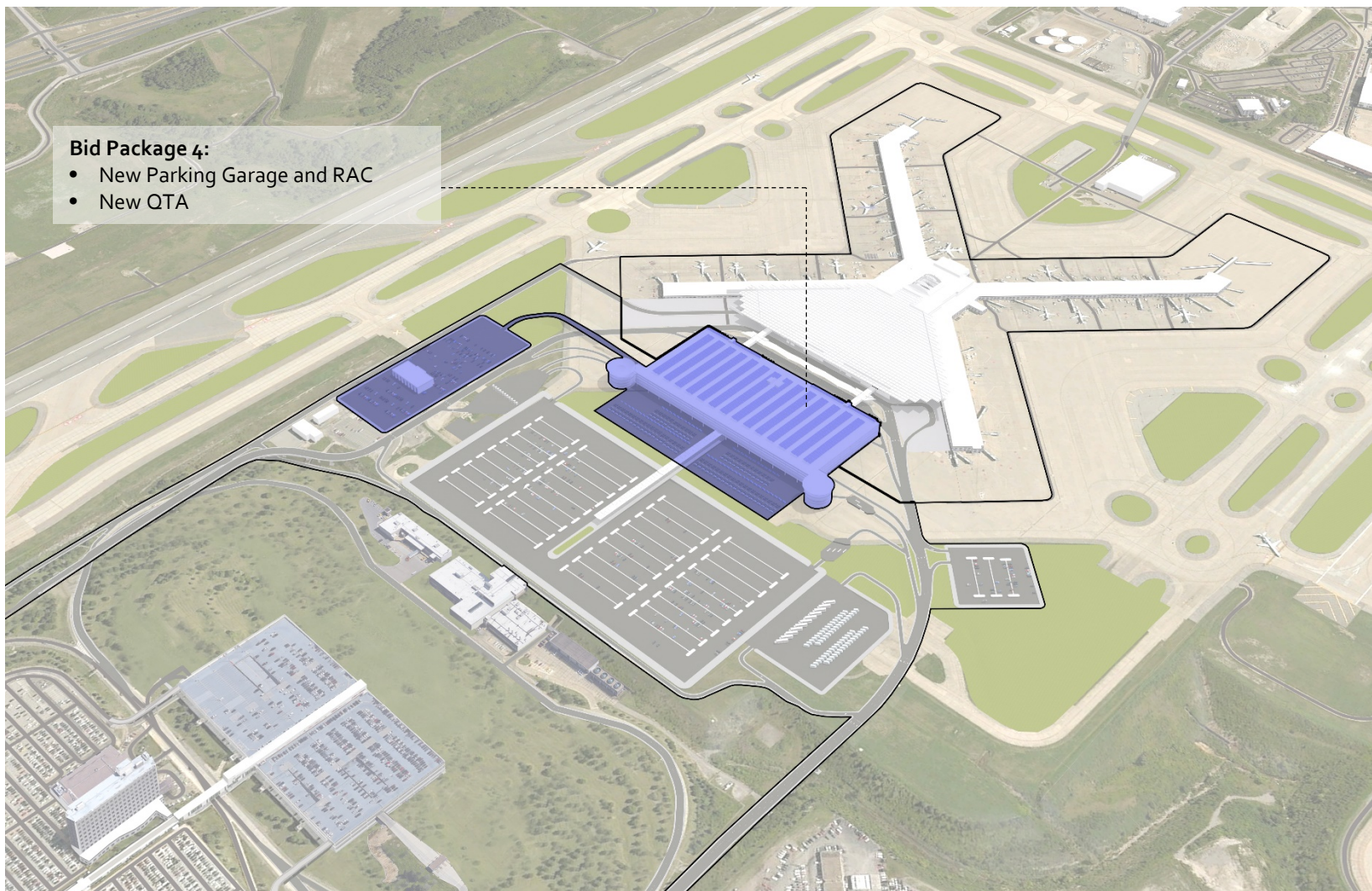


Bid Package 3: Roadways and Surface Lots



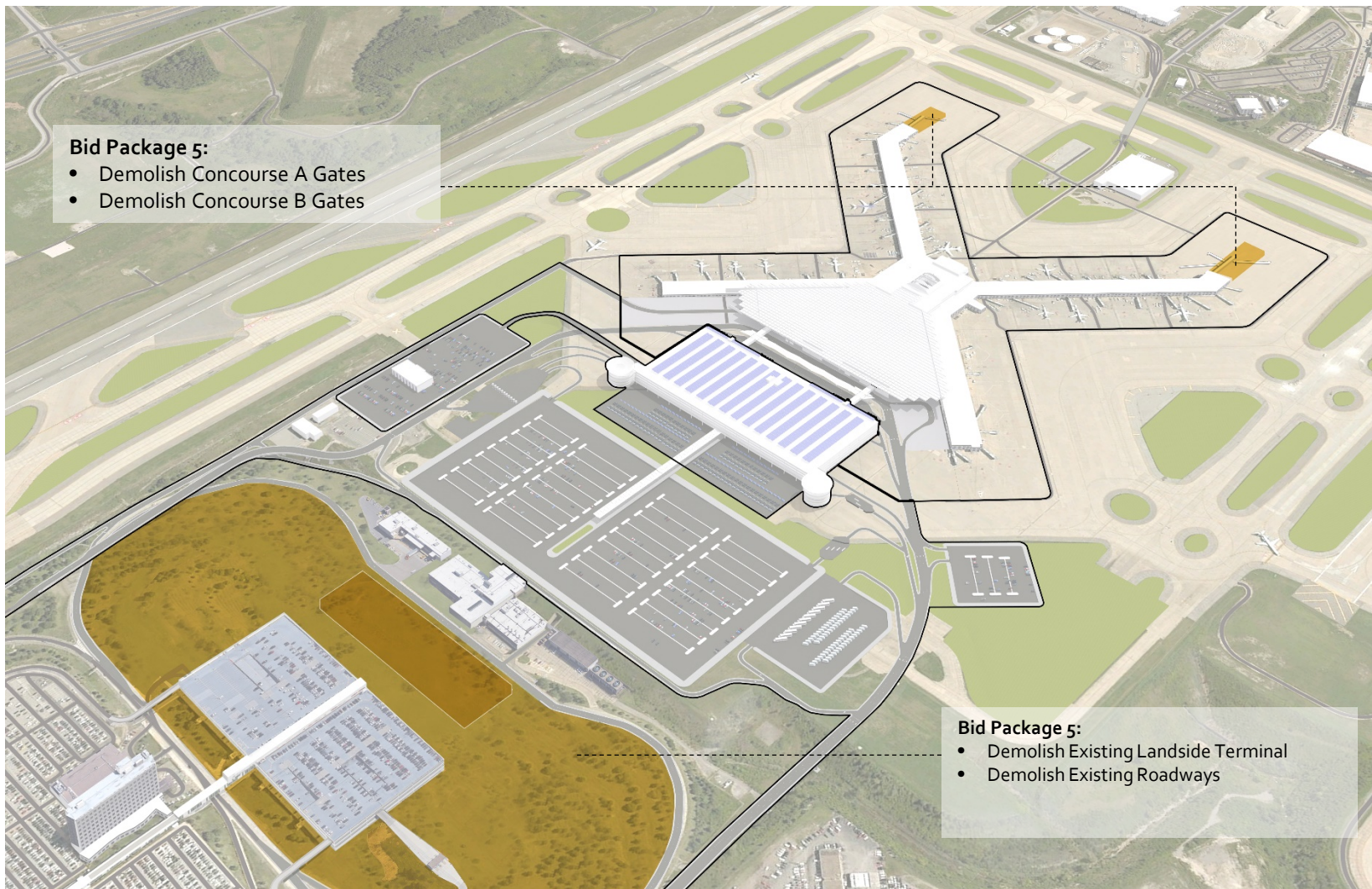


Bid Package 4: Parking Garage and QTA





Bid Package 5: Demolish Existing





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What's Next?



Building a Team of Experts to Build the Airport Pittsburgh Deserves

- Program Director / Owner's Representative Onboarding
 - Program Governance
 - Executive PMO
 - Internal Staffing and Staff Augmentation
 - Oversight Committee Assignments and Training
- Design Team RFP and Procurement
- PM/CM Team(s) RFP and Procurement



Maintaining Transparency in the Q&A Process

- Submit questions at PITTransformed.com
- Deadline to submit is 12/15/17
- Questions and replies to be posted at PITTransformed.com



Utilizing Multiple Industry Day Events to Maintain an Open and Transparent Process

- This is only the first of many
- Next is anticipated for 1st Quarter, 2018
- On-site day(s) will be provided for small businesses and DBE's



Closing Thoughts

Christina's Video



Pittsburgh Future Forged for All

“Pittsburgh Future Forged for All” Video



Thank you for your time!