



Domestic Redevelopment Program Update

Presentation For

Houston City Council Economic Development Committee

November 17, 2021

HAS Domestic Redevelopment Program (DRP)

Overview



■ IAH Terminal A Enabling Projects

- Baggage Handling System Optimization
- Curbside Improvements
- Electrical Upgrades

■ IAH Modernization / Expansion

- Terminal A
- Terminal D

■ HOU Projects

- 7 Gate Expansion
- Baggage Claim Expansion / Office Relocation



IAH Projects

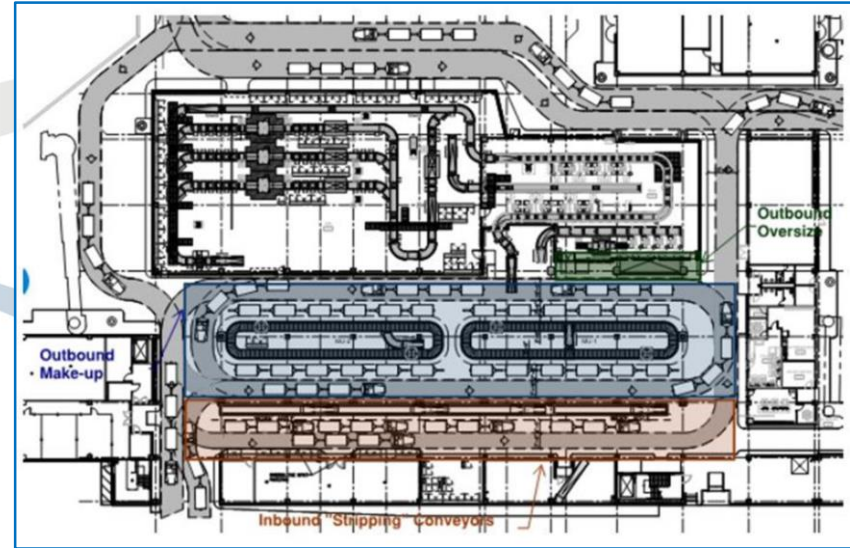
Domestic Redevelopment Program

IAH Terminal A Baggage Handling System Recapitalization



■ Outbound Baggage System

- Removes Inline Detection From Lobby
- Constructs Exterior Baggage Screening
- Provides Design Capacity Improvement
- Partially TSA-Grant Funded
- Cost Estimate: \$87 Million
 - Estimated \$54 Million Grant Funds
- Project Status
 - Construction 50% Complete

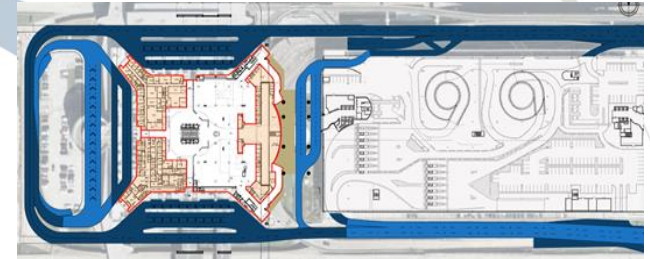
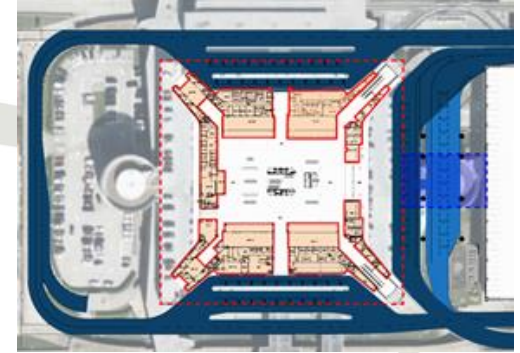


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IAH Terminal A Curbside - Early and Enabling Work



- Improvements To Terminal Roadway Functions
 - Curbside Capacity Improvements
 - Demolish existing helices
 - Construct new bridges connecting garages
 - Expanded Arrivals/Departures/Commercial curbs
 - South Terminal Roadway Improvements
 - Design-CMAR
 - Project Status
 - Advanced Design Document underway



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IAH Terminal A Electrical Upgrades



Capacity and Update Improvements

- Relocation of transformers
- Upgrades to switchgear
- New distribution equipment
- New electrical room
- Cost Estimate: \$6.8M
- Project Status
 - Construction 95% Complete





IAH Domestic Redevelopment Program (DRP)

IAH Terminal A Existing Gate Conditions – Summer 2021

A-North: 9 O&D Positions
A-South: 10 O&D Positions
TOTAL: 19 O&D Positions
United: 4 Positions



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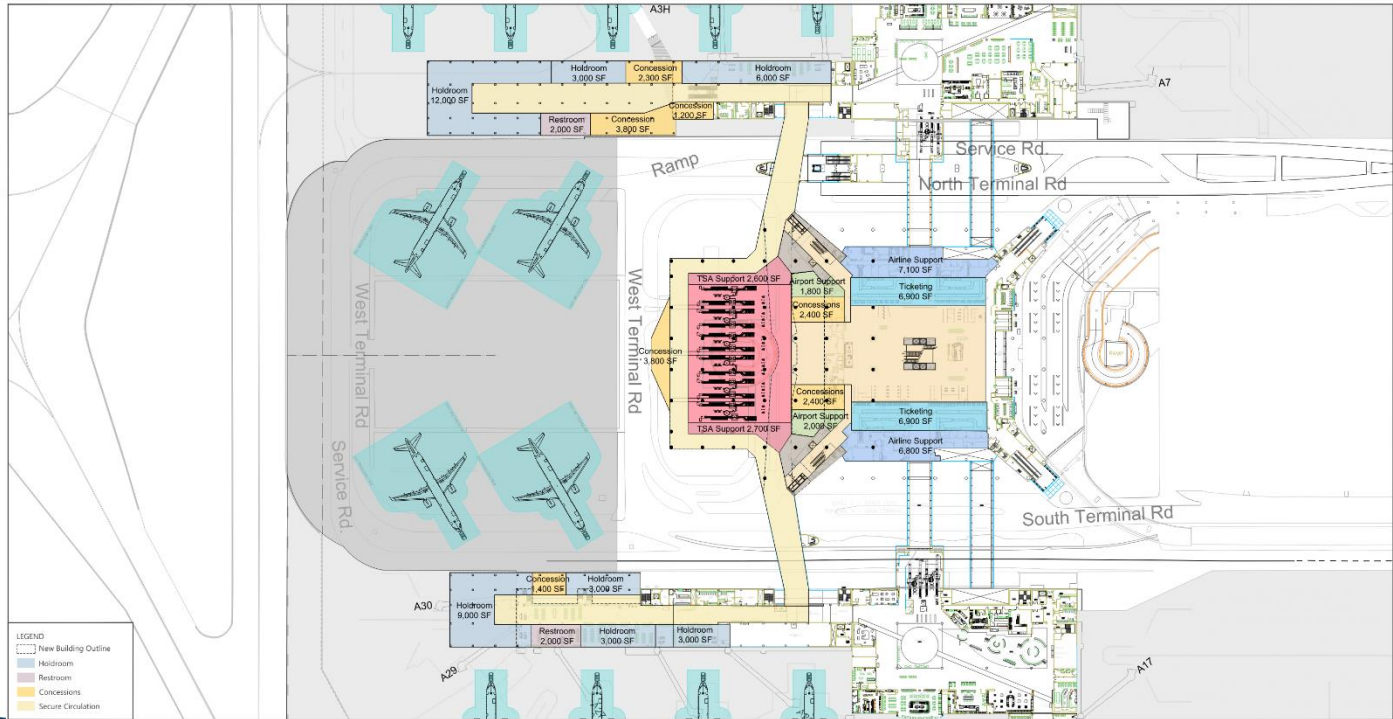
IAH Terminal A 33 Gate Concept





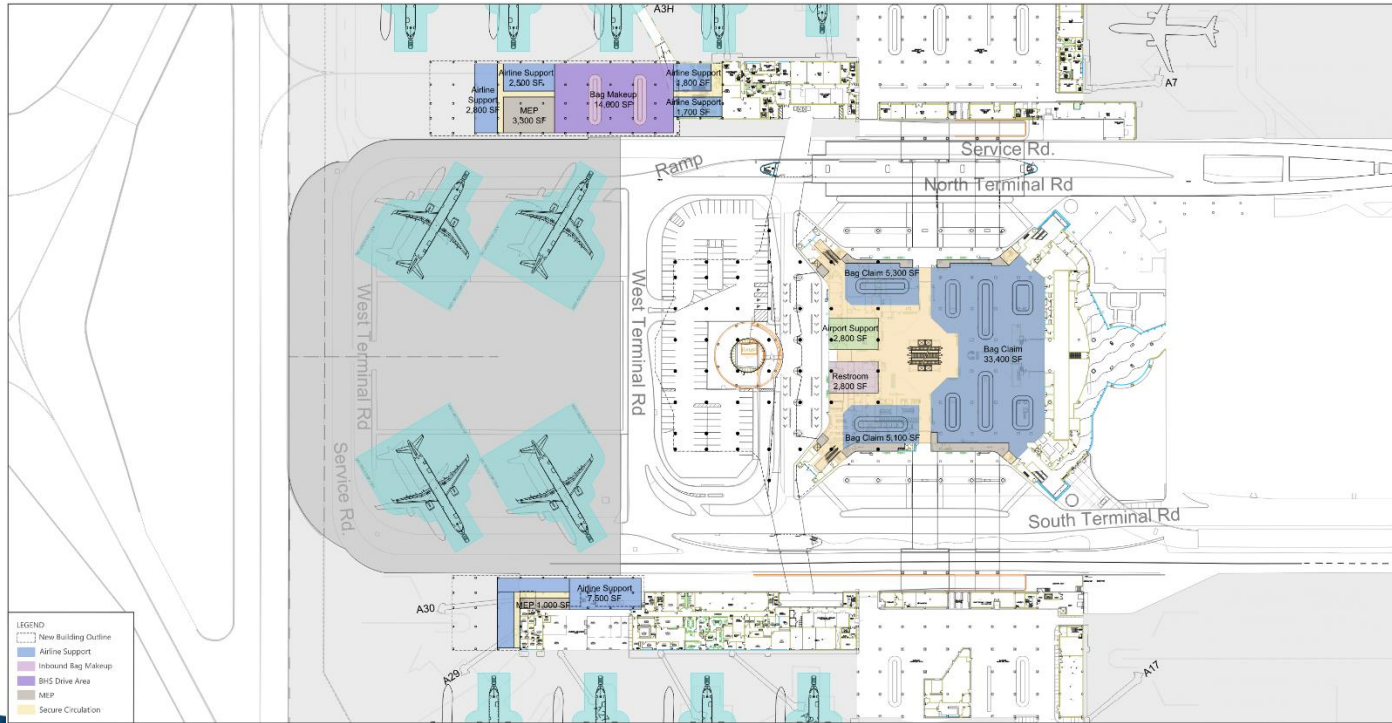
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IAH Terminal A Concourse Level Concept



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IAH Terminal A Ramp Level Concept



Domestic Redevelopment Program

IAH Terminal A Concept Exterior



Domestic Redevelopment Program

IAH Terminal A Concept Ticket Hall



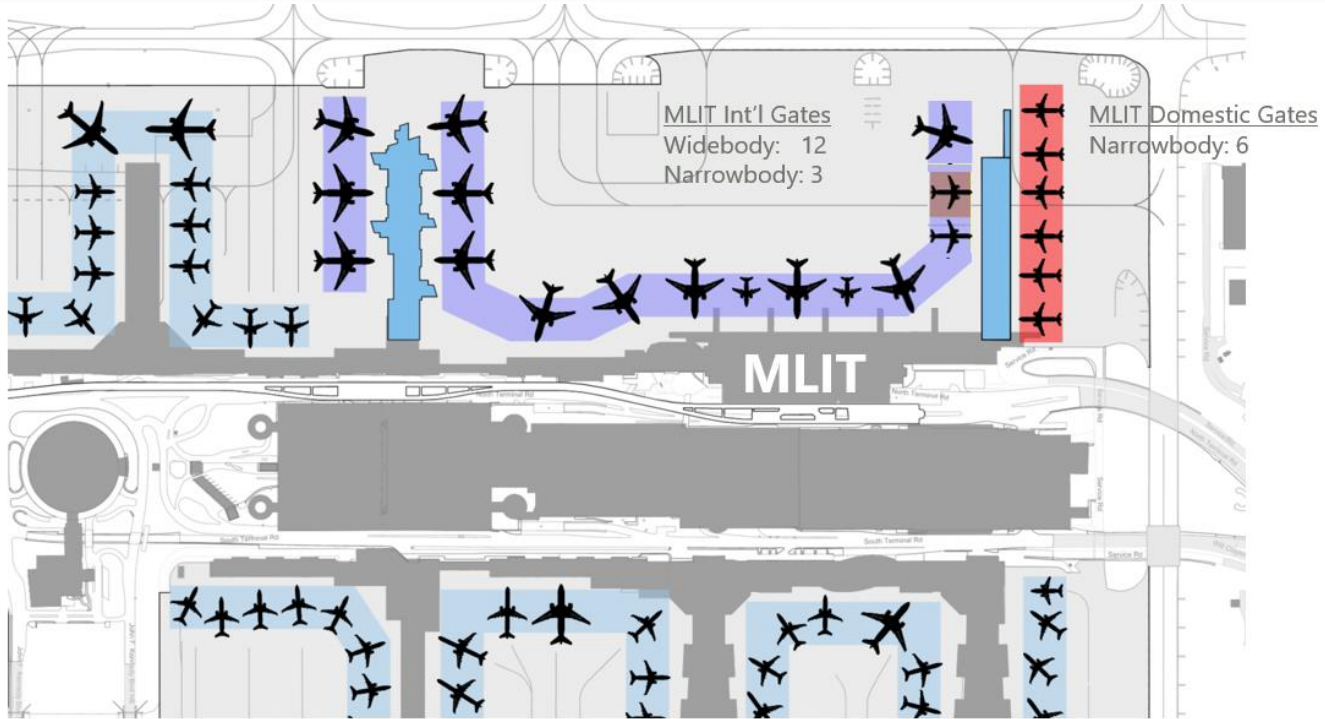
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IAH Terminal A Concept Expanded Security Checkpoint



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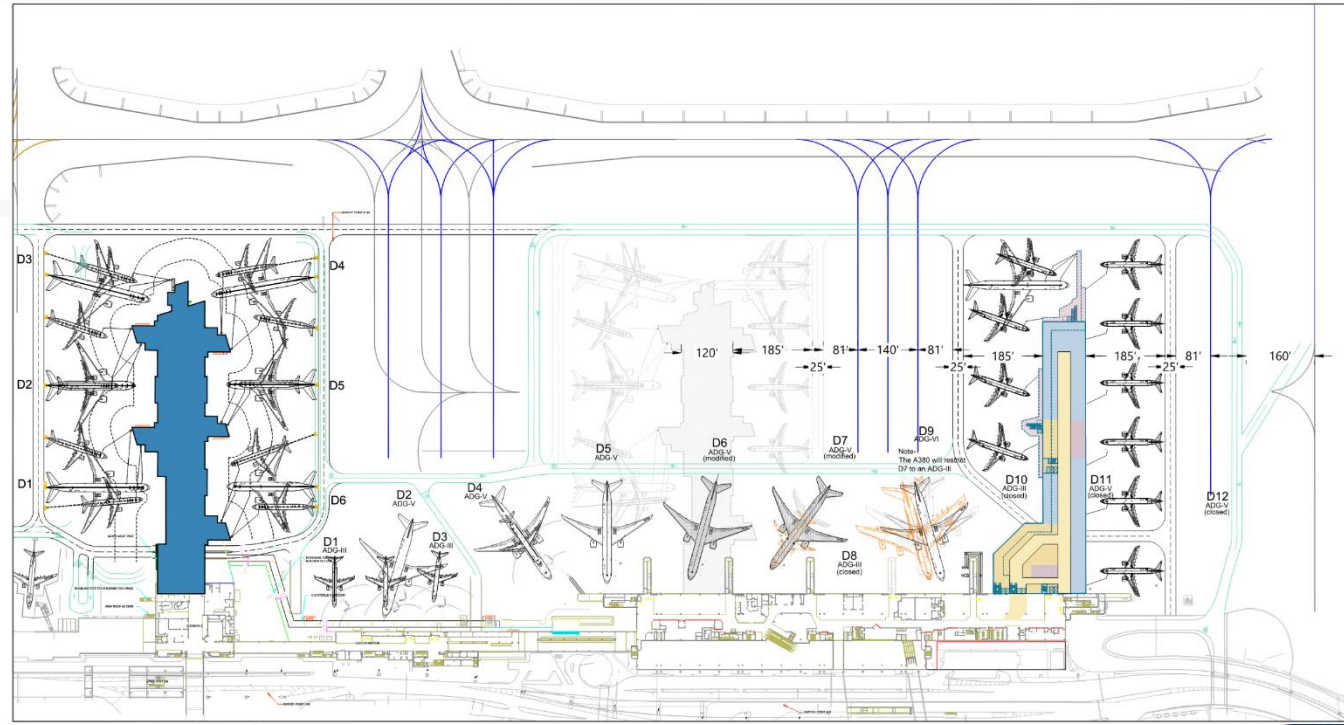
IAH Terminal D East Pier Concept





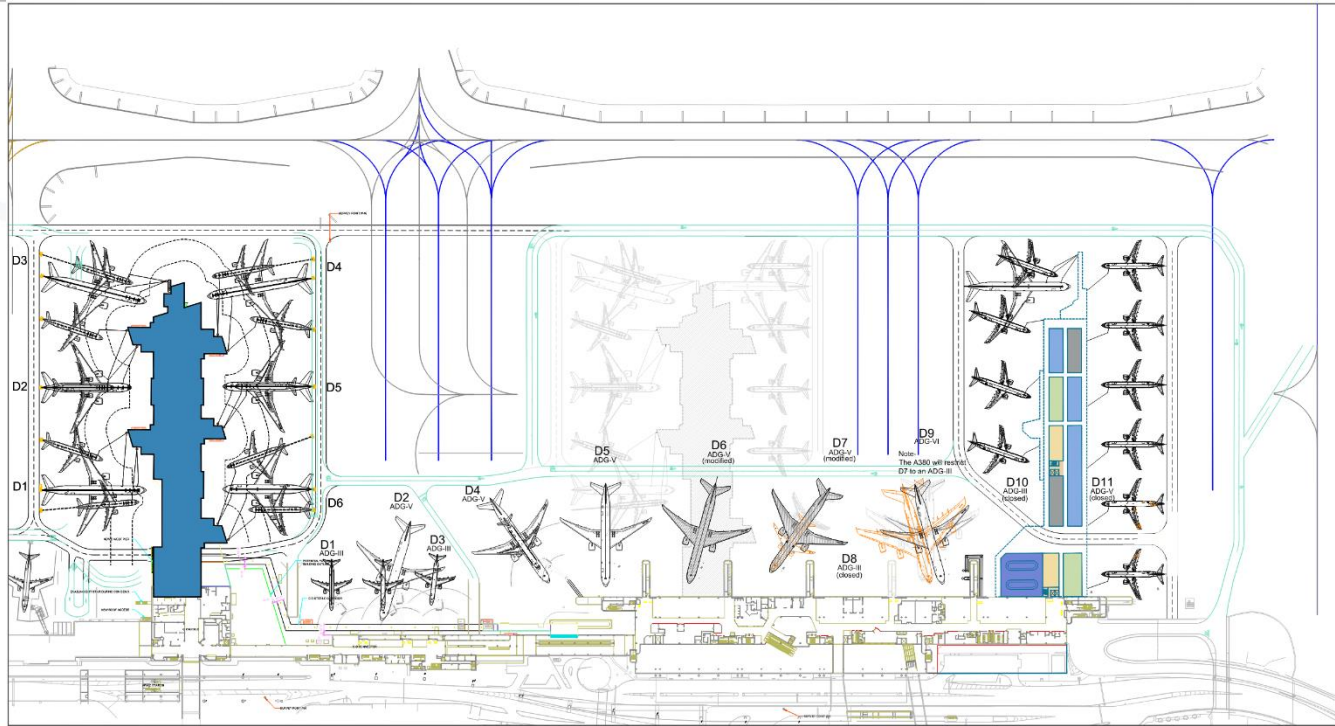
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IAH Terminal D East Pier Concept – Concourse Level



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IAH Terminal D East Pier Concept – Apron Level



IAH Domestic Redevelopment Program Next Steps

Milestones - 1



■ Program Scoping And Review

- Industry Day Outreach Event August 5, 2021
- Domestic Airline Reviews/Briefs Ongoing
- City of Houston Economic Development Committee Nov 17, 2021
- Airport Airline Affairs Committee Fall 2021



IAH Domestic Redevelopment Program Next Steps

Milestones - 2

- Design And Construction Support
 - Planning/Proof of Concept Ongoing
 - Solicit Modernization/Expansion EPM Winter 2021
 - Establish Financial Feasibility Winter 2021
 - Solicit Curbside DB Services Spring 2022
 - Solicit Modernization/Expansion Project Team Spring 2022
 - Begin Design Modernization/Expansion Winter 2022
 - Begin Construction Modernization/Expansion Spring 2023
 - Compete Construction Modernization/Expansion Spring 2026

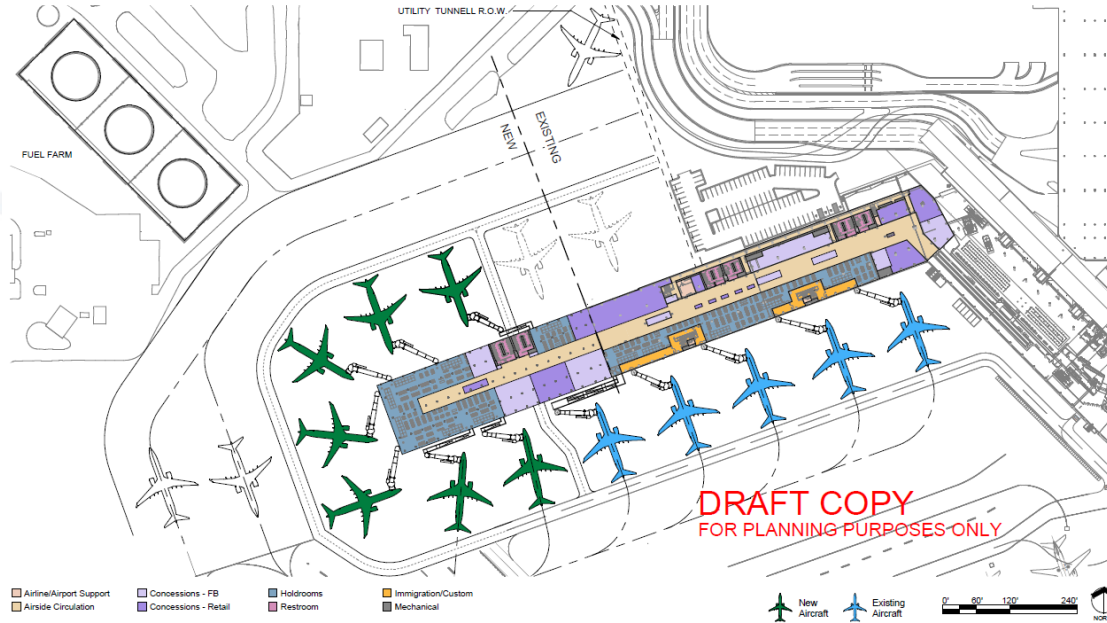
All dates are estimated pending Houston City Council Approvals.



HOU Projects

Domestic Redevelopment Program

HOU 7 Gate Expansion – Concourse Level



COLOR BLOCK PLAN - 02 CONCOURSE LEVEL - 7 GATE

1" = 120'-0"
10/30/21



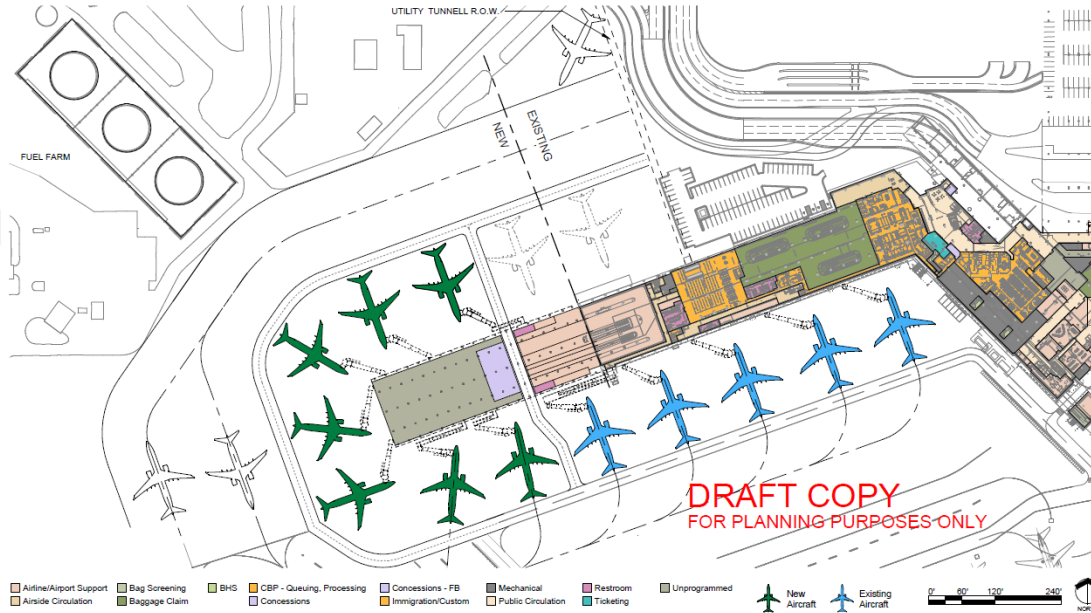
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HOU 7 Gate Expansion – Apron Level



COLOR BLOCK PLAN - 01 RAMP LEVEL - 7 GATE

1" = 120'-0"
11/01/21



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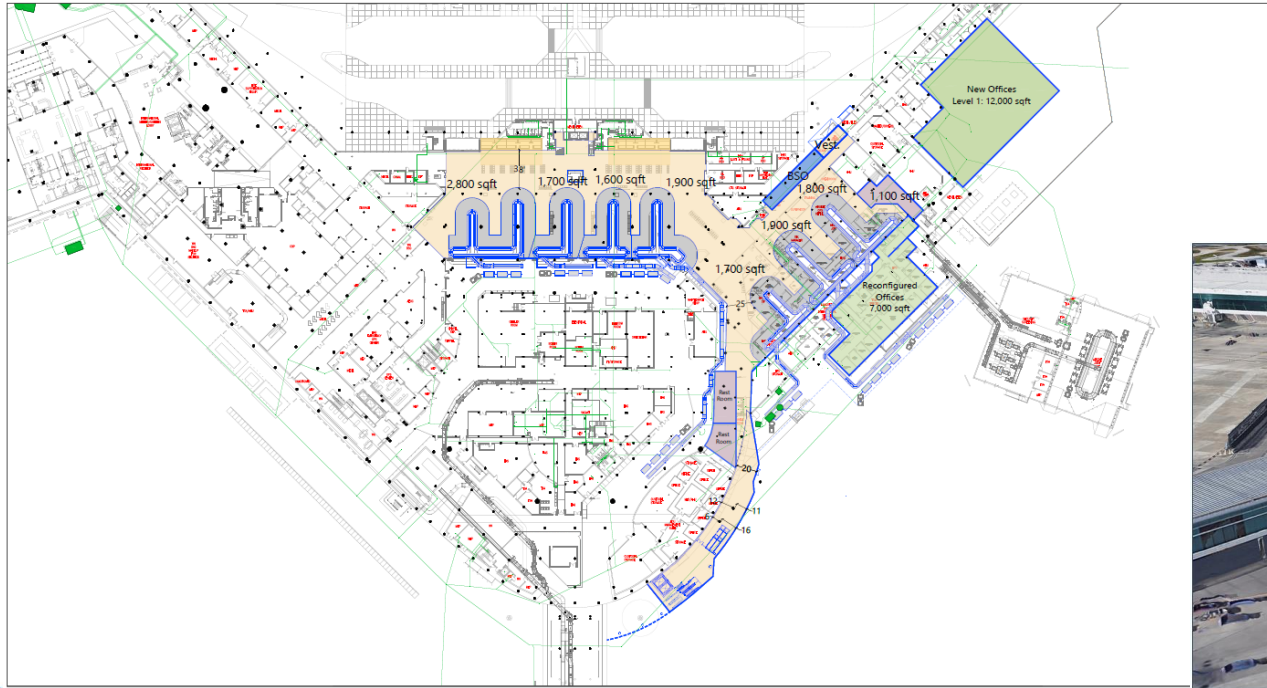
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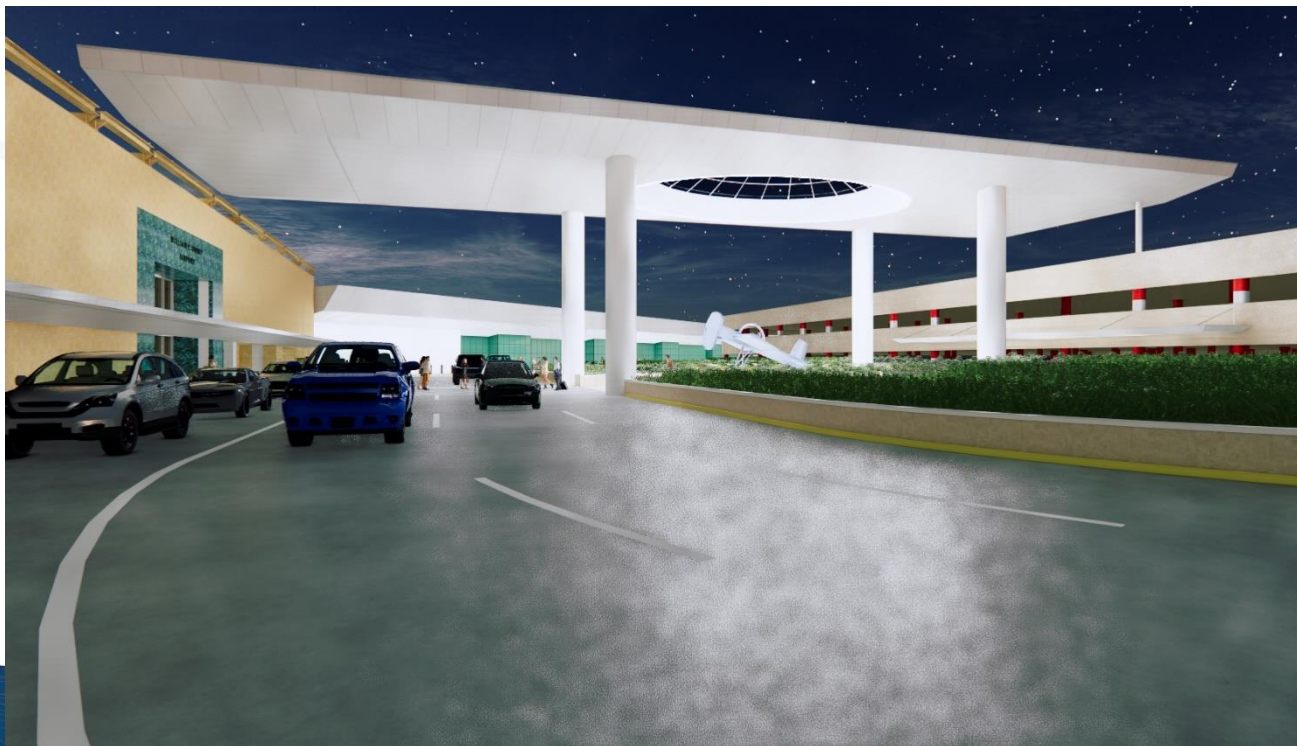
HOU Baggage Claim Expansion / Office Relocation





HOU Terminal Walkway Canopy

Proposed Option 1





HOU Terminal Walkway Canopy

Proposed Option 1 (Continued)





HOU Terminal Walkway Canopy

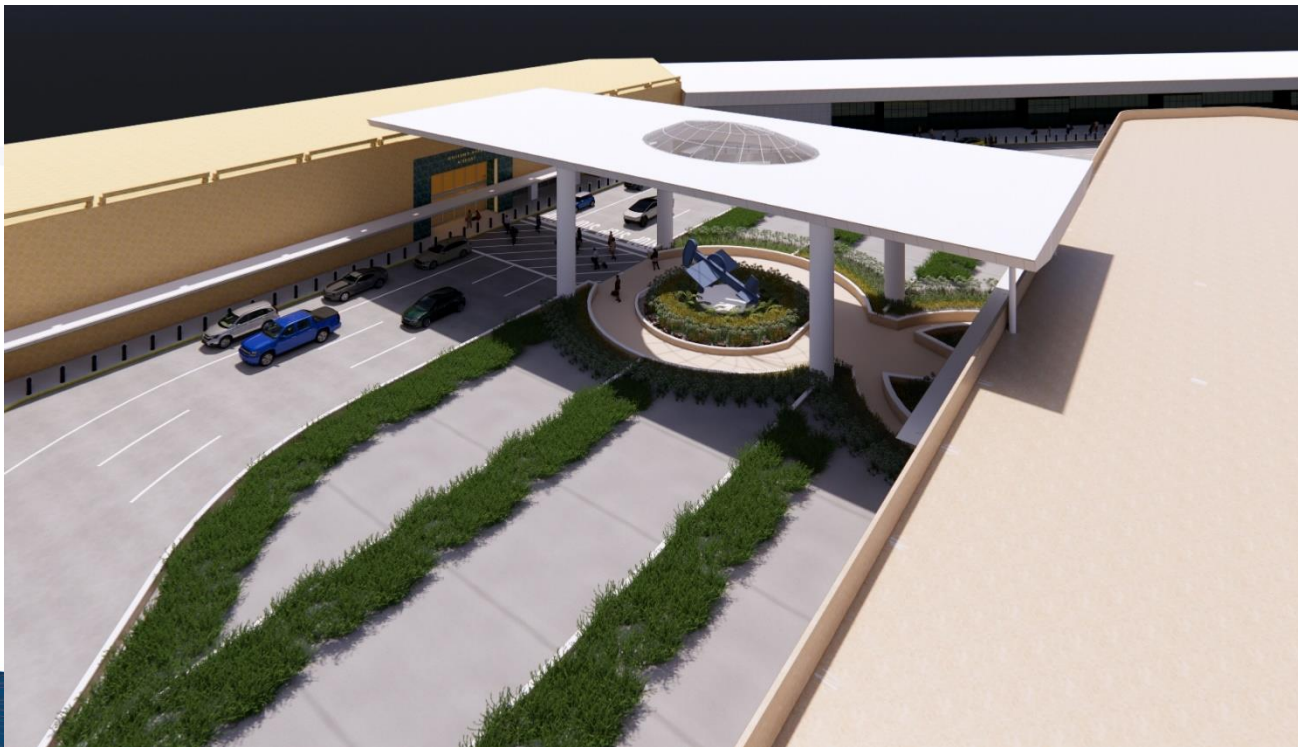
Proposed Option 1 (Continued)





HOU Terminal Walkway Canopy

Proposed Option 1 (Continued)





HOU Terminal Walkway Canopy

Proposed Option 2





HOU Terminal Walkway Canopy

Proposed Option 2





HOU Terminal Walkway Canopy

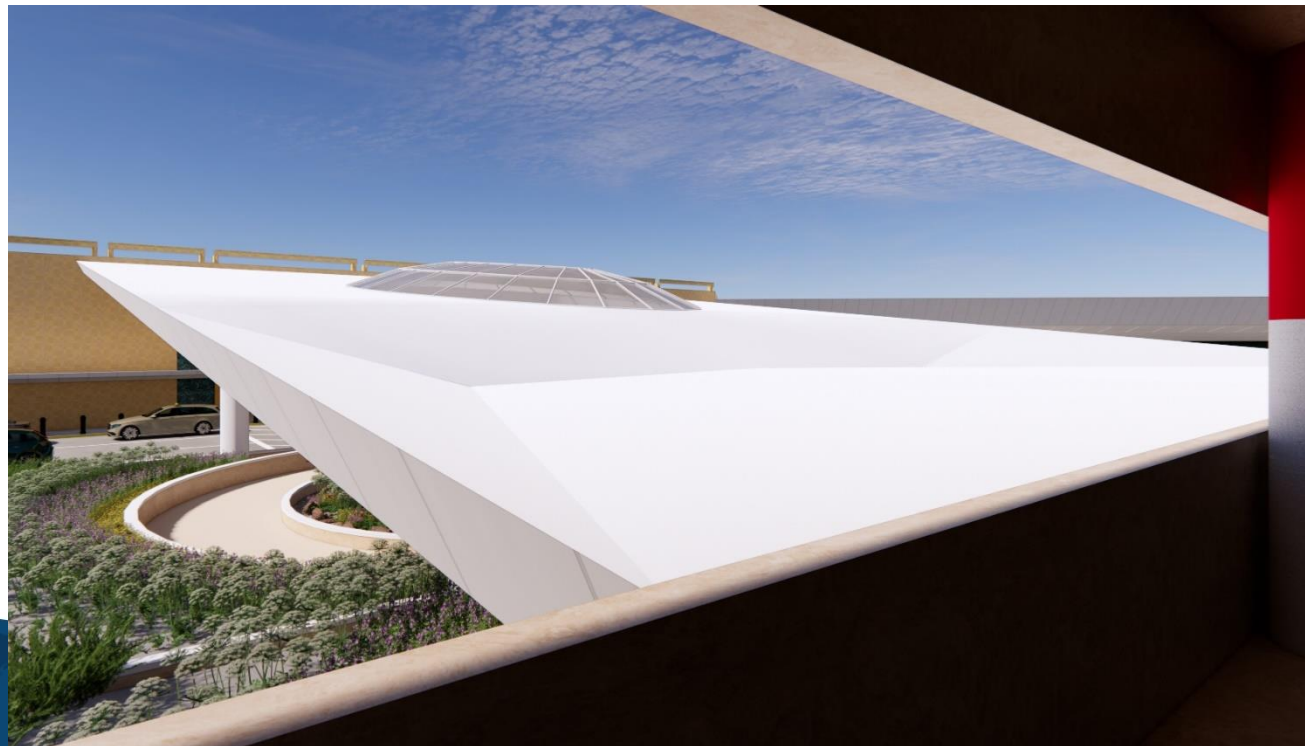
Proposed Option 2 (Continued)





HOU Terminal Walkway Canopy

Proposed Option 2 (Continued)





HOU Terminal Walkway Canopy

Proposed Option 3





HOU Terminal Walkway Canopy

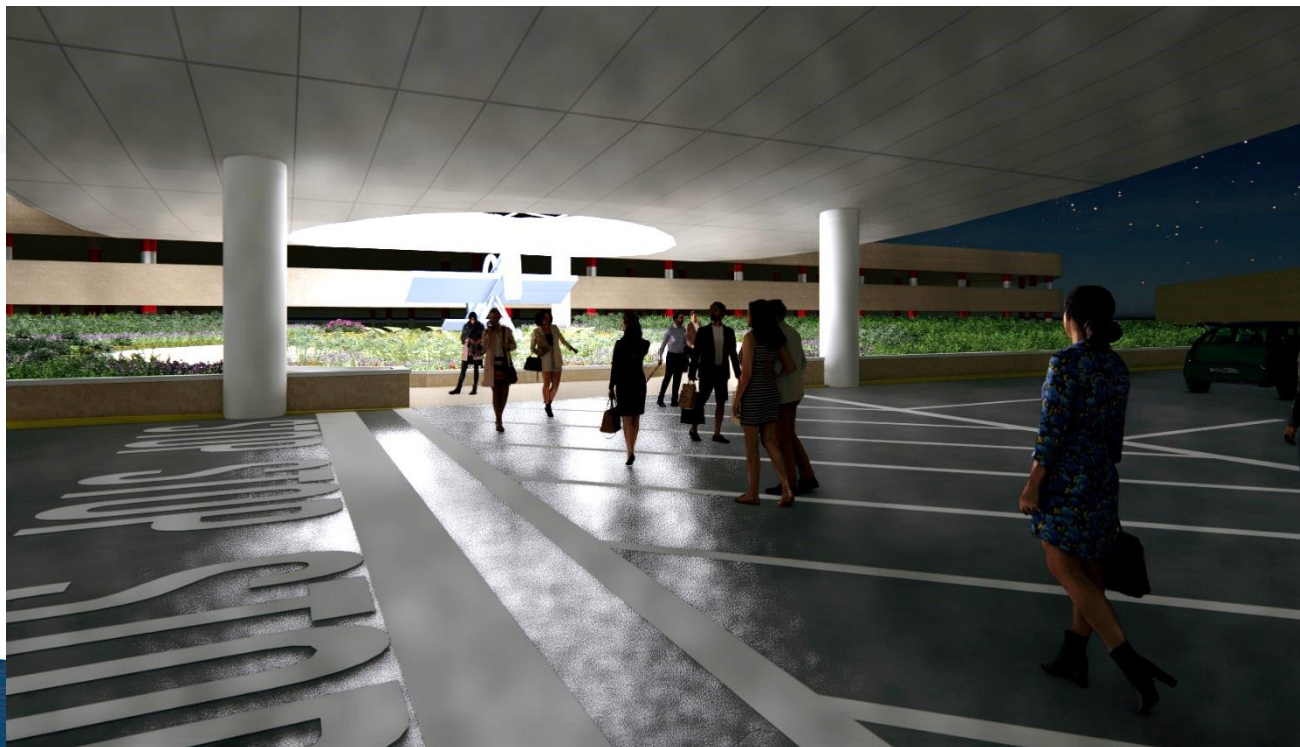
Proposed Option 3 (Continued)





HOU Terminal Walkway Canopy

Proposed Option 3 (Continued)





HOU Terminal Walkway Canopy

Proposed Option 3 (Continued)



HOU Domestic Redevelopment Program Next Steps

Milestones



- Southwest MOA TBD 2021
- Begin Design TBD 2022
- Begin Construction TBD 2023



Questions