

GC/CM Advisor Pre-Proposal Meeting

16 January 2020

## SPOKANE INTERNATIONAL AIRPORT TERMINAL RENOVATION AND EXPANSION (TRES)

Spokane, Washington

Alliance Commission No.: 2018017  
SIA Project No.: 17-44-1898



# PLANNING & DESIGN

## Design

WILMINGTON WATER POWER



# Design TREX Option B2 (August 2019)

REDUCED SCOPE 30% TREX ROM (8/27/19): Revised Reduced Concourse C West Expansion				
CONSTRUCTION COSTS		AREA	Cost per SF	Subtotal
M1a	Relocate HVAC Infrastructure			\$297,951
M2a	Relocate PBB to Gate 2			
P1a	West Concourse C Building Expansion	22,000 SF	\$310	\$6,820,000
P1b	West Apron Expansion			
P1c	Ground Boarding Enclosed Apron Walkway	6,620 SF		\$2,912,978
P1d	Dual Taxiway Expansion			
P1e	RON Apron Expansion			
P2a	Convert Ground Boarding to Temporary Baggage Claim			\$1,516,993
P2b	Central Hall (two level)	124,000 SF	\$715	\$88,660,000
P2c	Partial Basement Under Central Hall	21,253 SF	\$186	\$3,949,252
P2d	Security Operations Center Buildout			
P2e	Airport Operations Center Buildout			
P2f	Airport Operations Airfield Observation Tower & Cab			
P2g	West Skybridge to Parking	5,113 SF	\$853	\$4,362,724
P2h	East Skybridge to Parking			
P2i	MEP Upgrades Make Ready Infrastructure			\$215,625
P2j	Life Safety - Sprinkler Retrofit			\$1,018,499
P3a	Concourse C Connector	11,612 SF		\$2,006,642
P3b	Concourse C Connector Expansion	22,400 SF		\$15,366,922
P3c	Concourse C Gate Expansion FF&E			\$1,058,561
P4a	Curbside Canopy - Terminal C			
P4b	Curbside Canopy - Central Hall			
S1a	Partition at Existing Baggage Claim	9,869 SF	\$13	\$130,101
S1b	Demo Checkpoint Queue Ramps - Add Security Partition	18,763 SF	\$9	\$164,992
S1c	A/B Baggage Claim Remodel & Checkpoint Queue Remodel			\$144,007
S2a	Terminal C Checkpoint - Add Security Partitions			\$14,952
S2b	Terminal C Checkpoint - FF&E			\$144,007
S4a	RON Stand / Apron Expansion			
	Remodel A/B Baggage	20,000 SF	\$315	\$6,300,000
<b>Total Construction Cost</b>				<b>\$135,084,206</b>
<b>Soft Cost Allowance</b>		12.50%		<b>\$151,969,732</b>

## Challenges & Opportunities

- Maintains A&B Baggage Claim, New Claim Devices, Flexibility
- Day One Central Hall Baggage Claim Expansion Flexibility
- Day One Security Checkpoint Expansion Flexibility
- Future Relocation of Airport Police

**Total Project Cost ~\$152M**

# Design Project Diagram - Existing

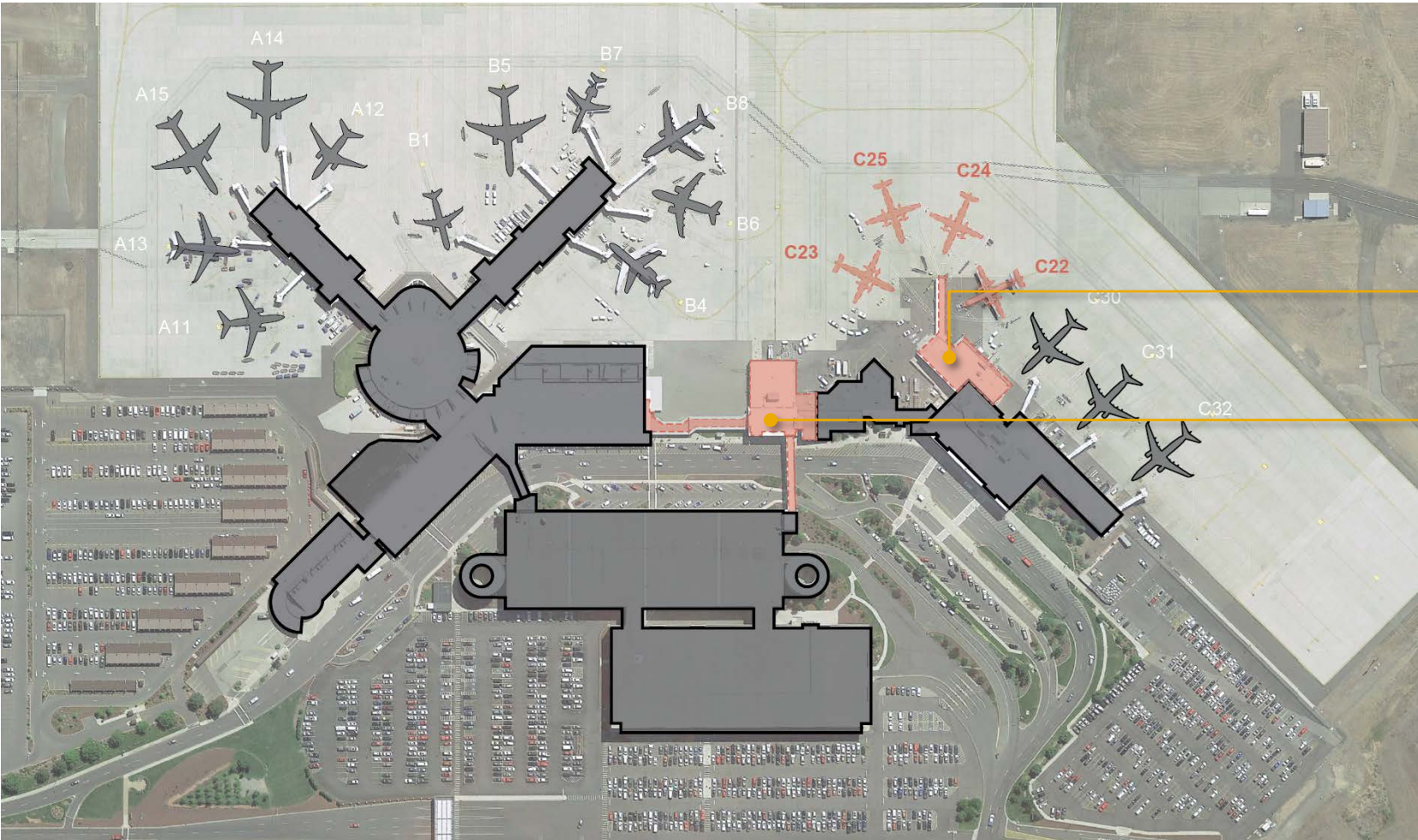


Ground Boarding Gates and Holdroom

Terminal C Baggage Claim and Main Terminal Corridor

Remain Overnight (RON) Aircraft Stands

# Design Project Diagram - Demolition



Convert Existing Ground Boarding Area to Temporary Baggage Claim

Demo Existing Terminal C Baggage Claim, Corridor to Main Terminal, and Existing Skybridge

# Design Project Diagram – New Construction



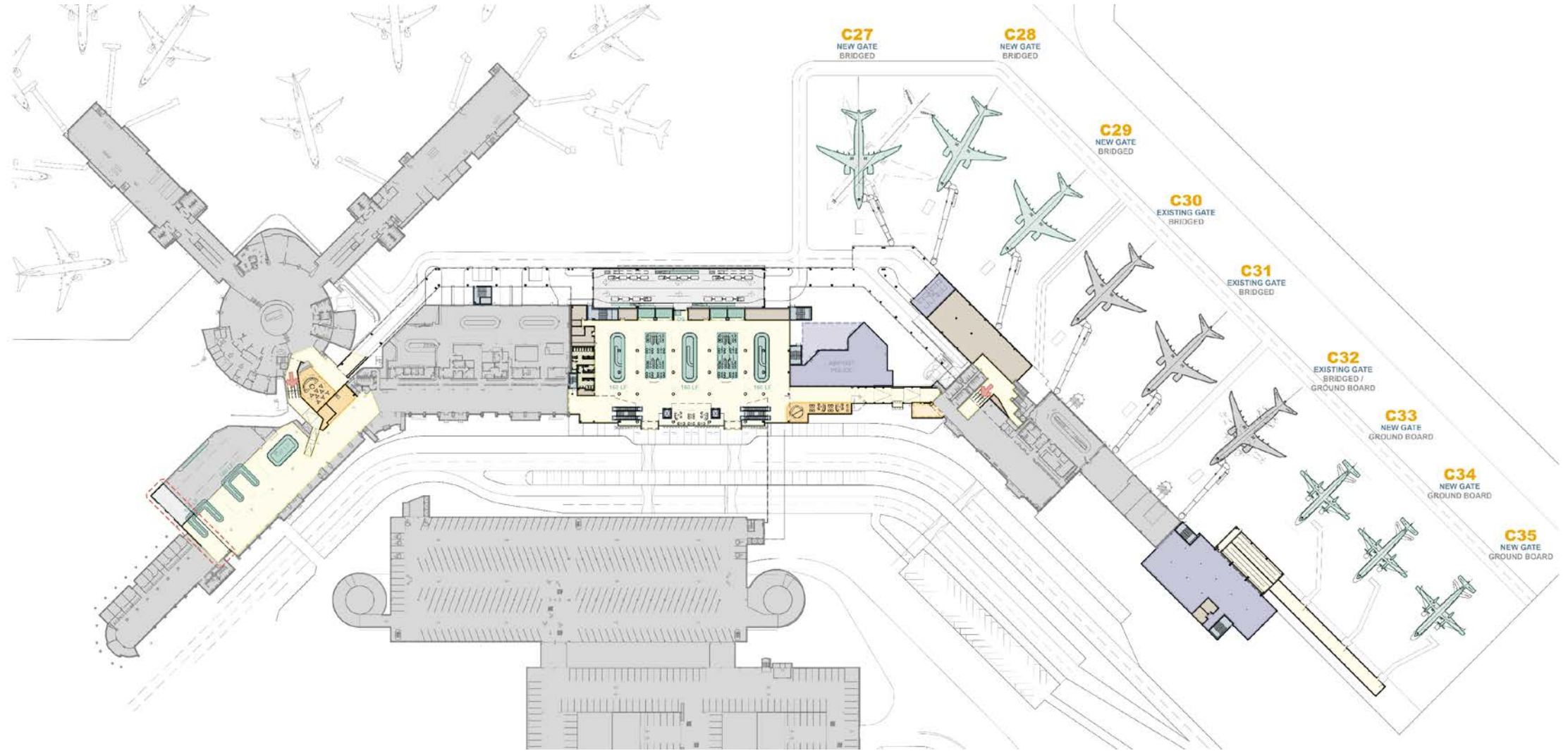
Central Hall and A/B Connector

Concourse C East Gate Expansion  
(Three Boarding Bridge Gates)

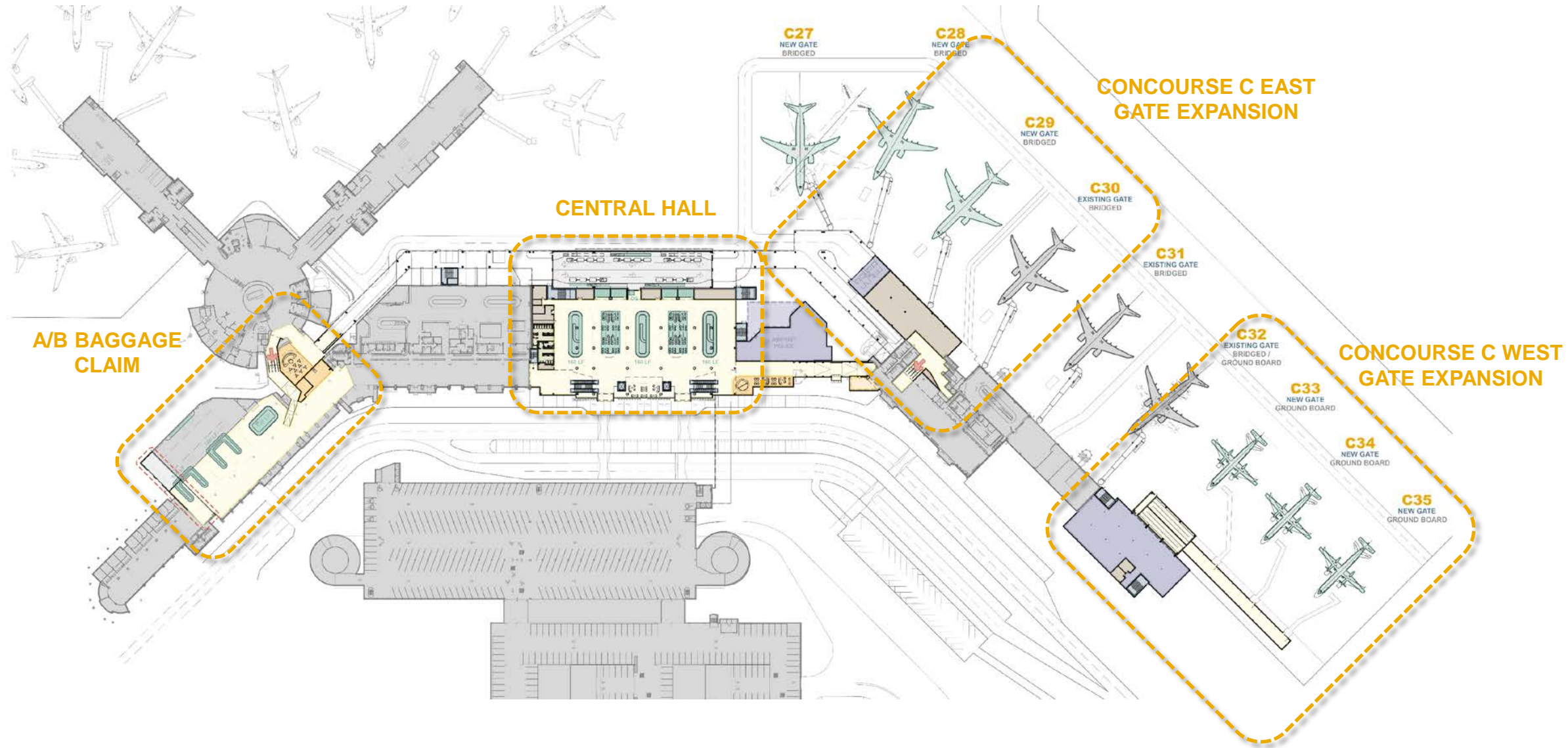
Expand and Relocate Airport Police

Reduced Concourse C West Gate  
Expansion (Ground Board Gates),  
Convert Three Existing RON Stands

# Design Overall Level 1 Plan

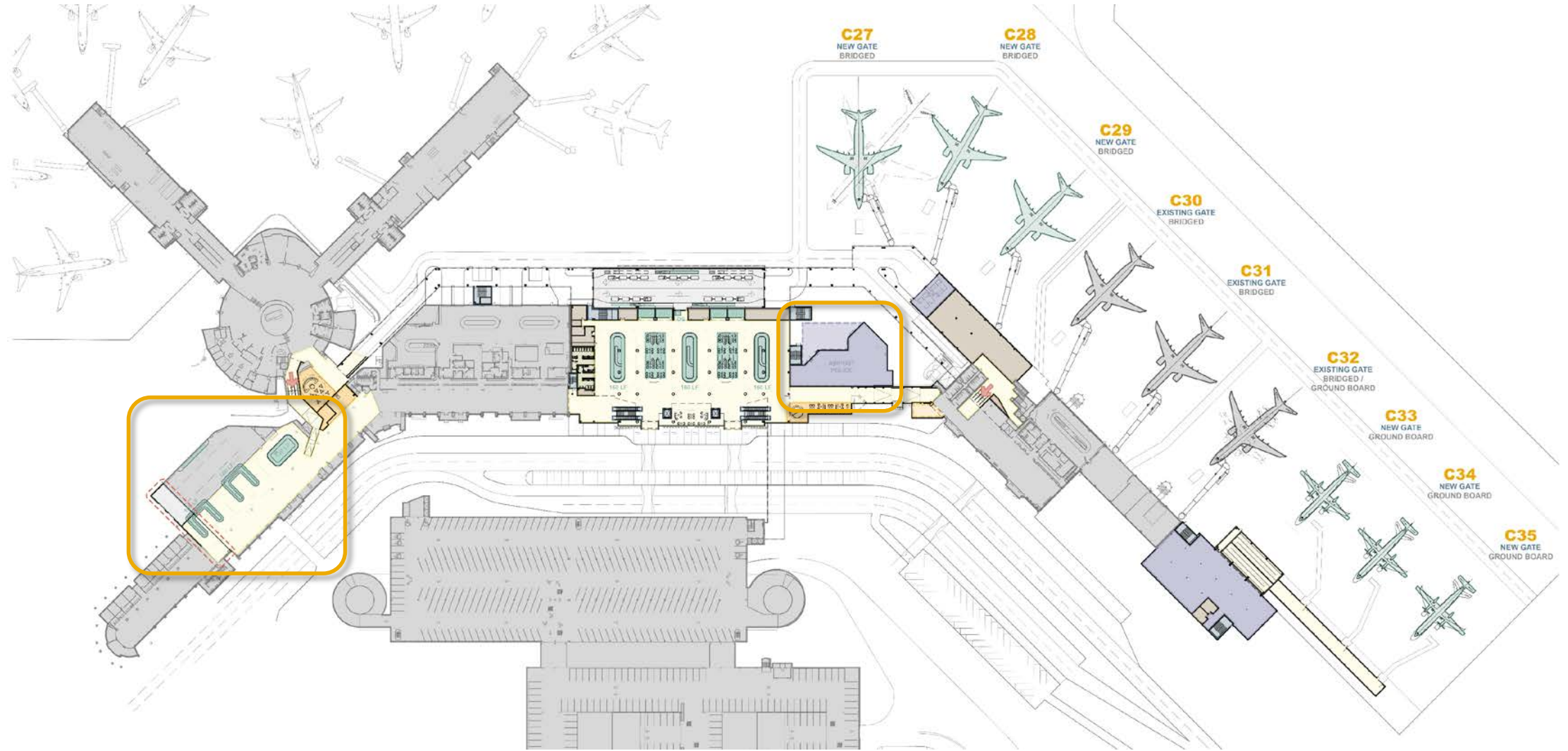


# Design Overall Level 1 Plan

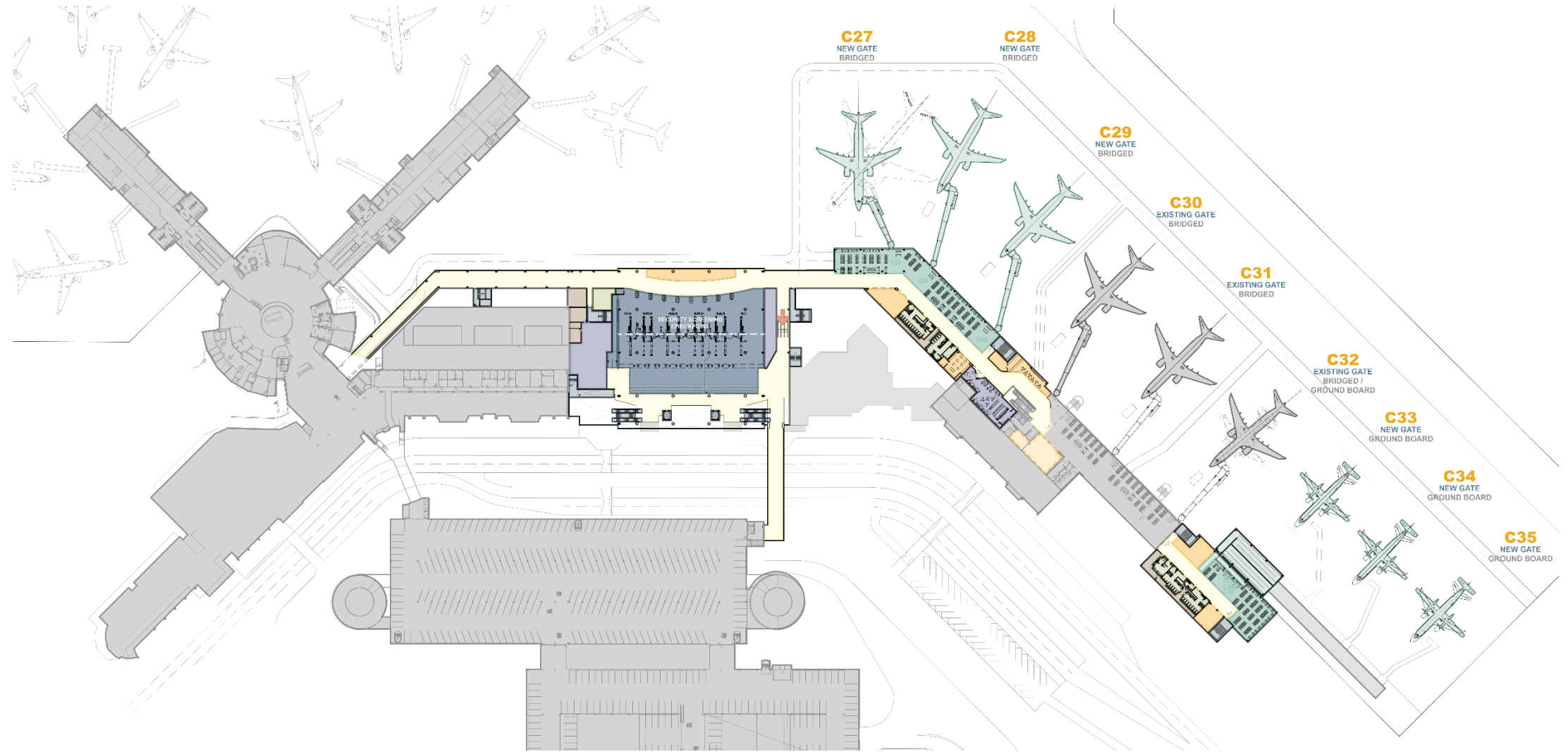




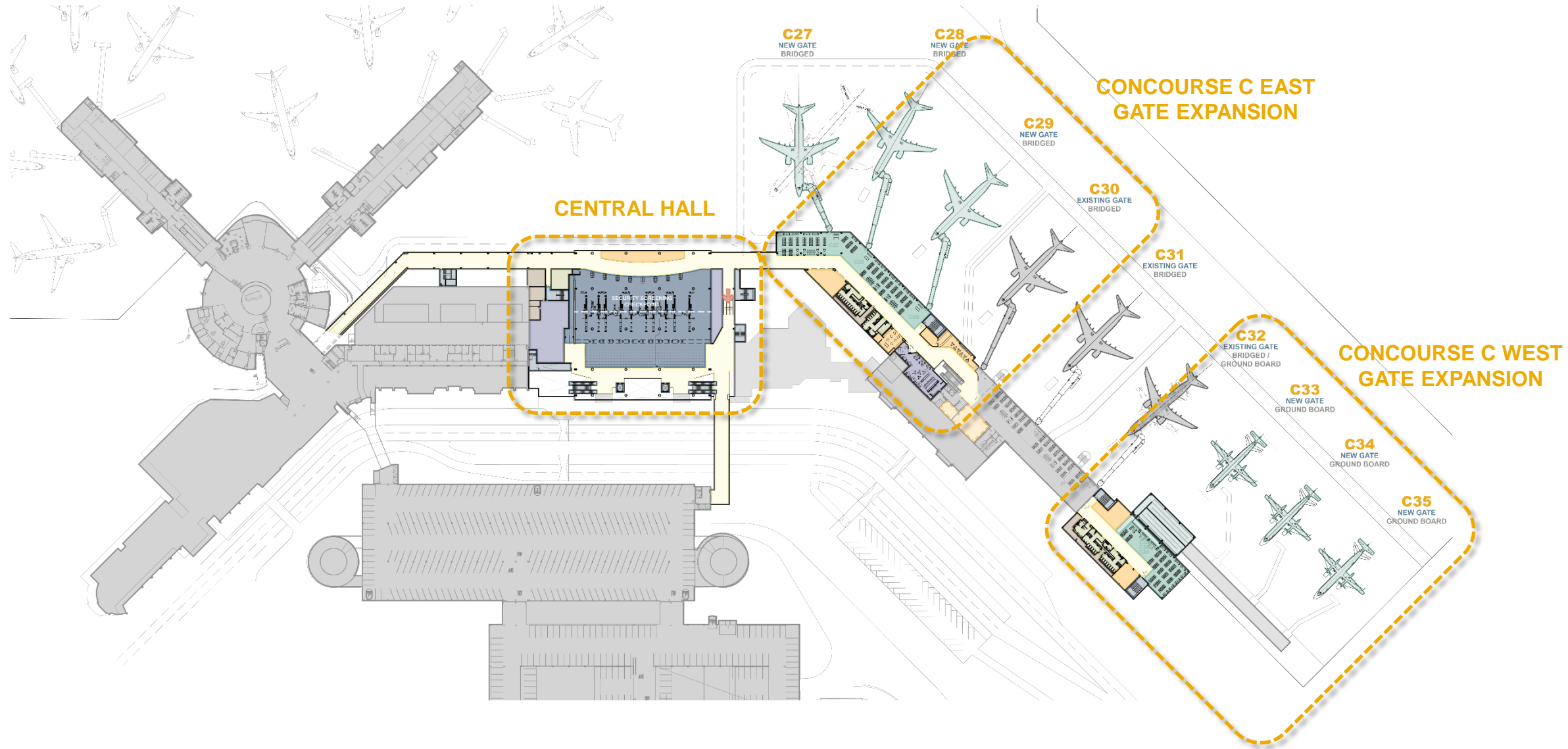
# Design Overall Level 1 Plan



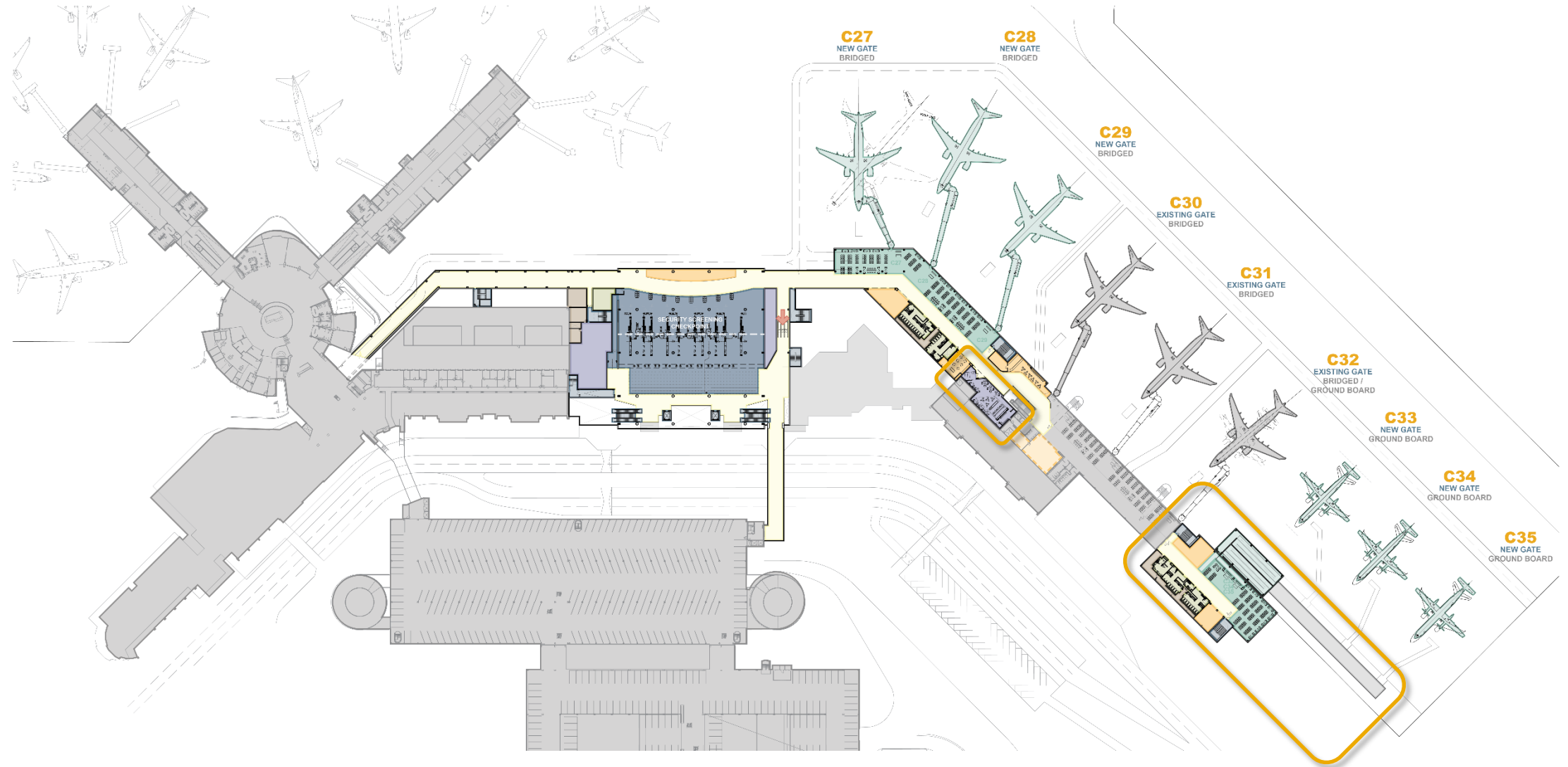
# Design Overall Level 2 Plan



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# Design Overall Level 2 Plan



# Design Overall Level 2 Plan

## Alaska Ground Boarding Ramp and Corridor at Sea-Tac



- Protection from the elements
- Minimal Mechanical Systems, Overhead Infrared Heaters

C27  
NEW GATE  
BRIDGED

C28  
NEW GATE  
BRIDGED

C31  
EXISTING GATE  
BRIDGED

C32  
EXISTING GATE  
BRIDGED /  
GROUND BOARD

C33  
NEW GATE  
GROUND BOARD

C34  
NEW GATE  
GROUND BOARD

C35  
NEW GATE  
GROUND BOARD



Interior - Central Hall Baggage Claim



Interior - Central Hall Security Screening Checkpoint



Exterior - Central Hall



# Project Delivery Preconstruction

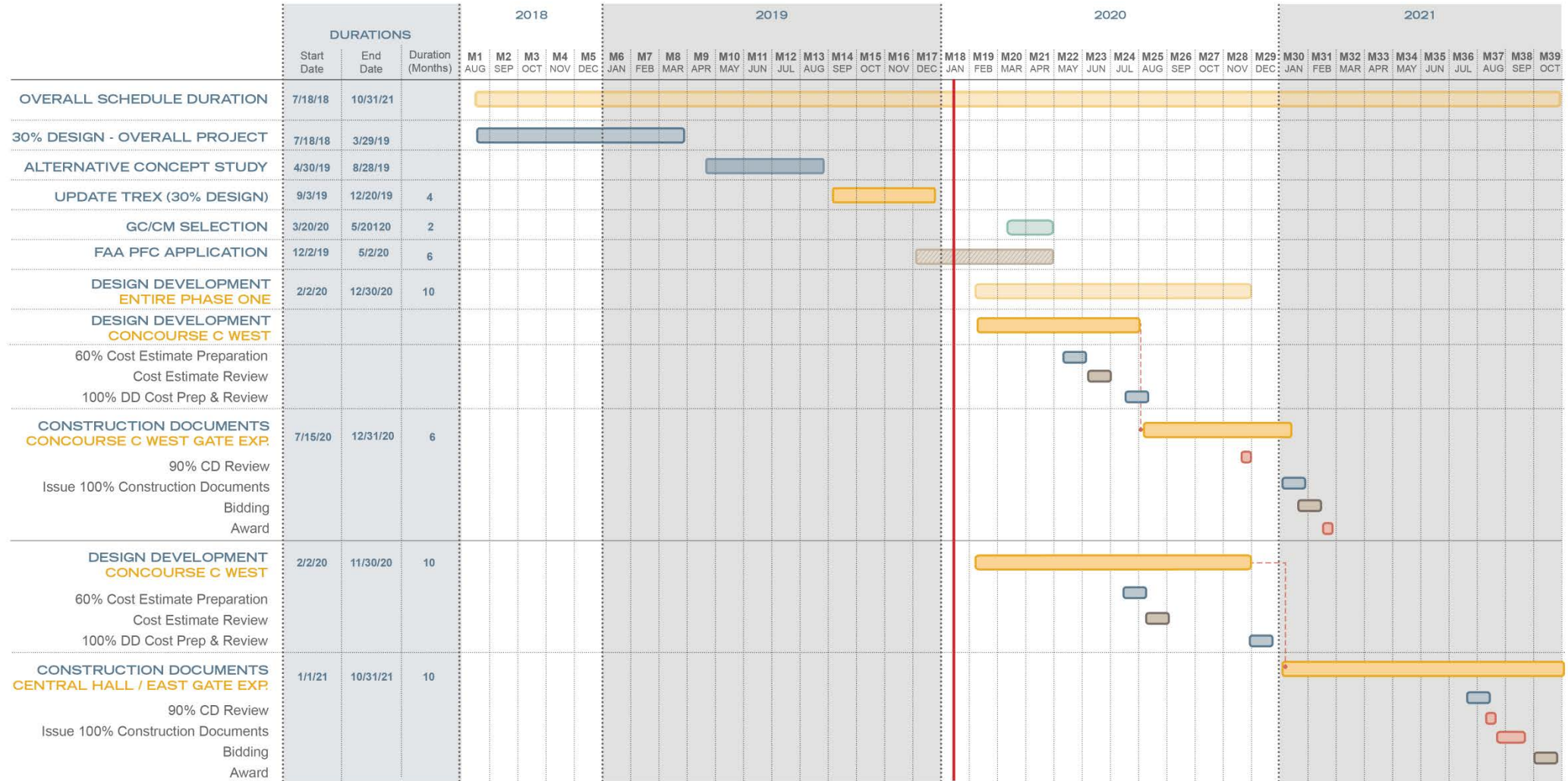


## PHASING/STAGING

- Understanding airport operations – access to construction area & staging areas
- Protection of aircraft operations (FODs); marshaling traffic
- Passenger access during construction
- Proper sequence of demolition; installation of infrastructure
- Coordination with other contracts

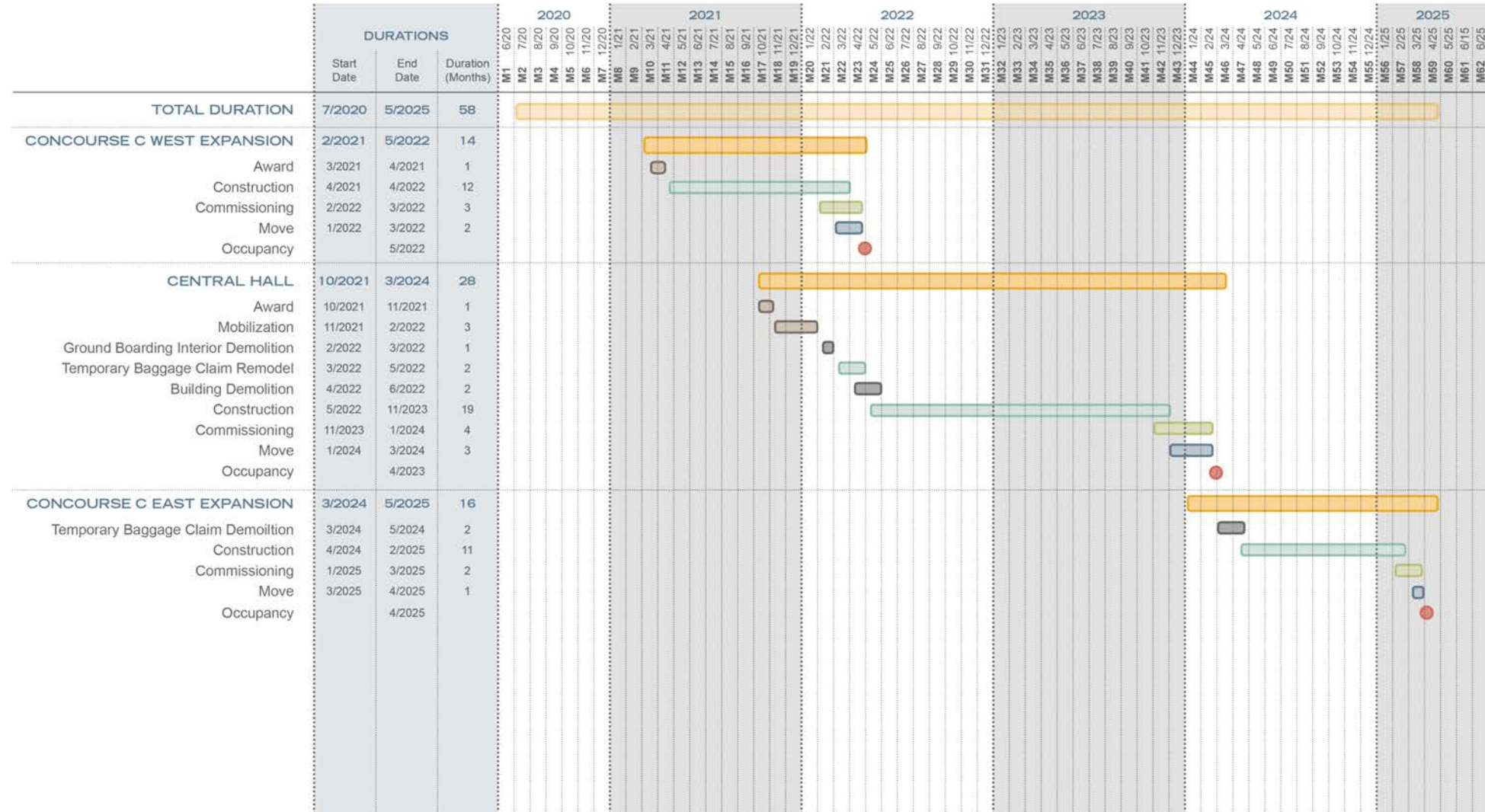
# Project Delivery – Schedule

## DESIGN SCHEDULE



# Project Delivery – Schedule

## CONSTRUCTION SCHEDULE





**SPOKANE INTERNATIONAL AIRPORT**

**Consulting Services: GC/CM Advisor and Program Support**

**Terminal Renovation & Expansion (TREN) Program, #17-44-1898**

**Informational Meeting**

**January 16, 2020 at 2:00 p.m.**

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SPOKANE INTERNATIONAL AIRPORT

Consulting Services: GC/CM Advisor and Program Support  
Terminal Renovation & Expansion (TREN) Program, #17-44-1898

Informational Meeting

January 16, 2020 at 2:00 p.m.

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