

SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY

Board Members

C. April Boling
Chairman

Greg Cox
Jim Desmond
Jim Janney
Mark Kersey
Paul Robinson
Michael Schumacher
Mary Sessom

SPECIAL CAPITAL IMPROVEMENT PROGRAM OVERSIGHT COMMITTEE and SPECIAL BOARD MEETING

AGENDA

Monday, January 22, 2018
9:30 A.M.

San Diego International Airport
SDCRAA Administration Building -- Third Floor
Board Room
3225 N. Harbor Drive
San Diego, CA 92101

Ex-Officio Board Members

Cory Binns
Col. Jason Woodworth

President / CEO

Kimberly J. Becker

This Agenda contains a brief general description of each item to be considered. The indication of a recommended action does not indicate what action (if any) may be taken. If comments are made to the Board without prior notice or are not listed on the Agenda, no specific answers or responses should be expected at this meeting pursuant to State law.

Staff Reports and documentation relating to each item of business on the Agenda are on file in Corporate & Information Governance and are available for public inspection.

NOTE: Pursuant to Authority Code Section 2.15, all Lobbyists shall register as an Authority Lobbyist with the Authority Clerk within ten (10) days of qualifying as a lobbyist. A qualifying lobbyist is any individual who receives \$100 or more in any calendar month to lobby any Board Member or employee of the Authority for the purpose of influencing any action of the Authority. To obtain Lobbyist Registration Statement Forms, contact the Corporate & Information Governance/Authority Clerk Department.

PLEASE COMPLETE A "REQUEST TO SPEAK" FORM PRIOR TO THE COMMENCEMENT OF THE MEETING AND SUBMIT IT TO THE AUTHORITY CLERK. **PLEASE REVIEW THE POLICY FOR PUBLIC PARTICIPATION IN BOARD AND BOARD COMMITTEE MEETINGS (PUBLIC COMMENT) LOCATED AT THE END OF THE AGENDA.**

The Authority has identified a local company to provide oral interpreter and translation services for public meetings. If you require oral interpreter or translation services, please telephone the Corporate & Information Governance/ Authority Clerk Department with your request at (619) 400-2400 at least three (3) working days prior to the meeting.

CALL TO ORDER:

PLEDGE OF ALLEGIANCE:

ROLL CALL:

Committee Members: Janney (Chair), Kersey, Robinson

NON-AGENDA PUBLIC COMMENT:

Public Comment is reserved for members of the public wishing to address the Committee on matters for which another opportunity to speak **is not provided on the Agenda**, and which is within the jurisdiction of the Committee. Please submit a completed speaker slip to the Authority Clerk. ***Each individual speaker is limited to three (3) minutes. Applicants, groups and jurisdictions referring items to the Board for action are limited to five (5) minutes.***

Note: Persons wishing to speak on specific items should reserve their comments until the specific item is taken up by the Board.

NEW BUSINESS:

1. **APPROVAL OF MINUTES:**
RECOMMENDATION: Approve the minutes of the October 19, 2017 regular and special meetings.
2. **TERMINAL 2 PARKING PLAZA UPDATE:**
(Airport Design & Construction: Bob Bolton, Director)
3. **TERMINAL 2 PARKING PLAZA TECHNOLOGY SYSTEM DETAILS:**
(Ground Transportation: Marc Nichols, Director)
4. **FACILITY INSPECTION SERVICES FACILITY UPDATE:**
(Airport Design & Construction: Bob Bolton, Director)
5. **PUBLIC ART UPDATE:**
(Vision, Voice & Engagement: Lauren Lockhart, Airport Art Program Manager)
6. **SMALL BUSINESS DEVELOPMENT REPORT:**
(Small Business Development: Rita Ohaya, Program Manager)
7. **PARKING PLAZA AND FIS FINANCE UPDATE:**
(Business & Financial Management: Geoff Bryant, Manager)
8. **STORMWATER MASTER PLANNING UPDATE:**
(Planning & Environmental Affairs: Brendan Reed, Director & Richard Gilb, Manager)

- 9. ADP PROCUREMENT UPDATE:**
(Development Division: Dennis Probst, Vice President)

COMMITTEE MEMBER COMMENTS:

ADJOURNMENT:

**Policy for Public Participation in Board, Airport Land Use Commission (ALUC),
and Committee Meetings (Public Comment)**

- 1) Persons wishing to address the Board, ALUC, and Committees shall complete a “Request to Speak” form prior to the initiation of the portion of the agenda containing the item to be addressed (e.g., Public Comment and General Items). Failure to complete a form shall not preclude testimony, if permission to address the Board is granted by the Chair.
- 2) The Public Comment Section at the beginning of the agenda is limited to eighteen (18) minutes and is reserved for persons wishing to address the Board, ALUC, and Committees on any matter for which another opportunity to speak is not provided on the Agenda, and on matters that are within the jurisdiction of the Board. A second Public Comment period is reserved for general public comment later in the meeting for those who could not be heard during the first Public Comment period.
- 3) Persons wishing to speak on specific items listed on the agenda will be afforded an opportunity to speak during the presentation of individual items. Persons wishing to speak on specific items should reserve their comments until the specific item is taken up by the Board, ALUC and Committees. Public comment on specific items is limited to twenty (20) minutes – ten (10) minutes for those in favor and ten (10) minutes for those in opposition of an item. Each individual speaker will be allowed three (3) minutes, and applicants and groups will be allowed five (5) minutes.
- 4) If many persons have indicated a desire to address the Board, ALUC and Committees on the same issue, then the Chair may suggest that these persons consolidate their respective testimonies. Testimony by members of the public on any item shall be limited to **three (3) minutes per individual speaker and five (5) minutes for applicants, groups and referring jurisdictions.**
- 5) Pursuant to Authority Policy 1.33 (8), recognized groups must register with the Authority Clerk prior to the meeting.
- 6) After a public hearing or the public comment portion of the meeting has been closed, no person shall address the Board, ALUC, and Committees without first obtaining permission to do so.

Additional Meeting Information

NOTE: This information is available in alternative formats upon request. To request an Agenda in an alternative format, or to request a sign language or oral interpreter, or an Assistive Listening Device (ALD) for the meeting, please telephone the Authority Clerk’s Office at (619) 400-2400 at least three (3) working days prior to the meeting to ensure availability.

For your convenience, the agenda is also available to you on our website at www.san.org.

For those planning to attend the Board meeting, parking is available in the public parking lot located directly in front of the SDCRAA Administration Building. Bring your ticket to the third floor receptionist for validation.

You may also reach the SDCRAA Administration Building by using public transit via the San Diego MTS system, Route 992. For route and fare information, please call the San Diego MTS at (619) 233-3004 or 511.

UPCOMING MEETING SCHEDULE

<i>Date</i>	<i>Day</i>	<i>Time</i>	<i>Meeting Type</i>	<i>Location</i>
April 19	Thursday	10:00 a.m.	Regular	Board Room

DRAFT
SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY
CAPITAL IMPROVEMENT PROGRAM OVERSIGHT COMMITTEE MEETING
THURSDAY, OCTOBER 19, 2017
BOARD ROOM

CALL TO ORDER: Chair Janney called the Capital Improvement Program Oversight Committee meeting to order at 10:04 a.m., on Thursday, October 19, 2017, in the Board Room of the San Diego International Airport, Administration Building, 3225 N Harbor Drive, San Diego, CA 92101.

PLEDGE OF ALLEGIANCE: Board Member Kersey led the Pledge of Allegiance.

ROLL CALL:

Present: Committee Members: Gleason, Janney (Chair), Kersey

 Board Members: Cox

Absent: Committee Members: Robinson

Also Present: Kimberly J. Becker, President/CEO; Amy Gonzalez, General Counsel; Stephanie Heying, Assistant Authority Clerk II; Ariel Levy-Mayer, Assistant Authority Clerk I

Board Member Cox arrived during the course of the meeting.

NON-AGENDA PUBLIC COMMENT: None.

NEW BUSINESS:

1. APPROVAL OF MINUTES:

RECOMMENDATION: Approve the minutes of the July 31, 2017 regular meeting.

ACTION: Moved by Board Member Kersey and seconded by Board Member Gleason to approve staff's recommendation. Motion carried unanimously, noting Board Member Robinson as ABSENT.

2. TERMINAL 2 PARKING PLAZA UPDATE:

Bob Bolton, Director, Airport Design & Construction, provided a presentation on the Terminal 2 Parking Plaza Update, which included Technology, Key Milestones, Construction Progress, Cost Update and Next Steps.

Board Member Cox arrived at 10:07 a.m.

3. FEDERAL INSPECTION SERVICES (FIS) FACILITY UPDATE:

Bob Bolton, Director, Airport Design & Construction, provided a presentation on the Federal Inspection Services (FIS) Facility Update, which included T2W Overall Plan, Technology, Key Project Milestones, Construction Progress, Cost Update and Next Steps.

4. SMALL BUSINESS DEVELOPMENT REPORT:

Rita Ohaya, Program Manager, Small Business Development, provided a presentation on the Small Business Development Report, which included Terminal 2 Parking Plaza, Federal Inspection System, Opportunity Awareness and Education and Training.

5. PARKING PLAZA AND FIS FINANCE UPDATE:

Geoff Bryant, Manager, Business & Financial Management, provided a presentation on the Parking Plaza and FIS Finance Update, which included Parking Plaza Cost, FIS Cost and FIS Funding Sources.

6. REHABILITATE RUNWAY 9-27 AND CROSS TAXIWAYS B1, B4-B7, C3, C4 AND C6:

Iraj Ghaemi, Director, Facilities Development, provided a presentation on the Rehabilitation of Runway 9-27 And Cross Taxiways B1, B4-B7, C3, C4 and C6, which included Background, Project Scope, Project Overview, Budget and Cash Forecast, Project Schedule, Phasing Plan, Runway 9-27 Resurfacing, Runway 9-27 Lighting, and Runway 9-27 Cross Taxiways Pavement Markings.

COMMITTEE MEMBER COMMENTS: None.

ADJOURNMENT: The meeting was adjourned at 11:07 a.m.

APPROVED BY A MOTION OF THE CAPITAL IMPROVEMENT PROGRAM
OVERSIGHT COMMITTEE THIS 22nd DAY OF JANUARY, 2018.

STEPHANIE HEYING
ASSISTANT AUTHORITY CLERK II

AMY GONZALEZ
GENERAL COUNSEL

DRAFT
SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY
SPECIAL CAPITAL IMPROVEMENT PROGRAM OVERSIGHT COMMITTEE
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PLEDGE OF ALLEGIANCE:

ROLL CALL:

Present: Committee Members: Gleason, Janney (Chair), Kersey

Board Members: Cox

Absent: Committee Members: Robinson

Also Present: Kimberly J. Becker, President/CEO; Amy Gonzalez, General Counsel; Stephanie Heying, Assistant Authority Clerk II; Ariel Levy-Mayer, Assistant Authority Clerk I

NON-AGENDA PUBLIC COMMENT: None.

NEW BUSINESS:

1. **STRATEGY FOR COMMERCIAL SPACE AT RENTAL CAR CENTER**
Dominique Sheck, Associate Real Estate Manager, Business & Financial Management, provided a presentation on the Strategy for Commercial Space at Rental Car Center, which included Historical Efforts, Alternative Use Analysis, Option 1: Event Center, Option 2: Cowork Office, Option 3: Commissary Kitchen, Option 4: Mixed Use Retail Space, Option 5: Leave Vacant, and Recommendation.

In response to Board Member Kersey's inquiry regarding whether staff researched the use of the space as a single company office or tasting room, Ms. Sheck stated that multiple tours were conducted that resulted in no interest.

In response to Board Member Cox's inquiry regarding whether staff researched the use of the space for multi-purpose catering and events, and if school districts were contacted, Ms. Sheck stated that those options were discussed and schools were contacted, and it was identified that there was a potential market for the use

of commissary kitchens and cooking classes, which was included as one of the options.

Board Member Gleason expressed support of staff's recommendation to leave the space vacant, stating that the recommendation can be justified if other investments that are passenger oriented arise.

Board Member Janney expressed support of staff's recommendation to leave the space vacant, stating that money and staff time is being used for this commercial space and needs to be focused on other current projects.

Board Member Kersey expressed support of staff's recommendation to leave the space vacant, stating that in the future the Rental Car Center may need more space for rental car agency staff.

BOARD AND COMMITTEE MEMBER COMMENTS: None.

ADJOURNMENT: The meeting was adjourned at 11:24 a.m.

APPROVED BY A MOTION OF THE CAPITAL IMPROVEMENT PROGRAM
OVERSIGHT COMMITTEE THIS 22nd DAY OF JANUARY, 2018.

STEPHANIE HEYING
ASSISTANT AUTHORITY CLERK II

AMY GONZALEZ
GENEAL COUNSEL



Capital Improvement Program Oversight Committee

Terminal 2 Parking Plaza
Update

January 22, 2018

Presented by:
Bob Bolton
Director, Airport Design & Construction



Terminal 2 Parking Plaza

Parking Plaza Site / Design

Key Milestones

Construction Progress

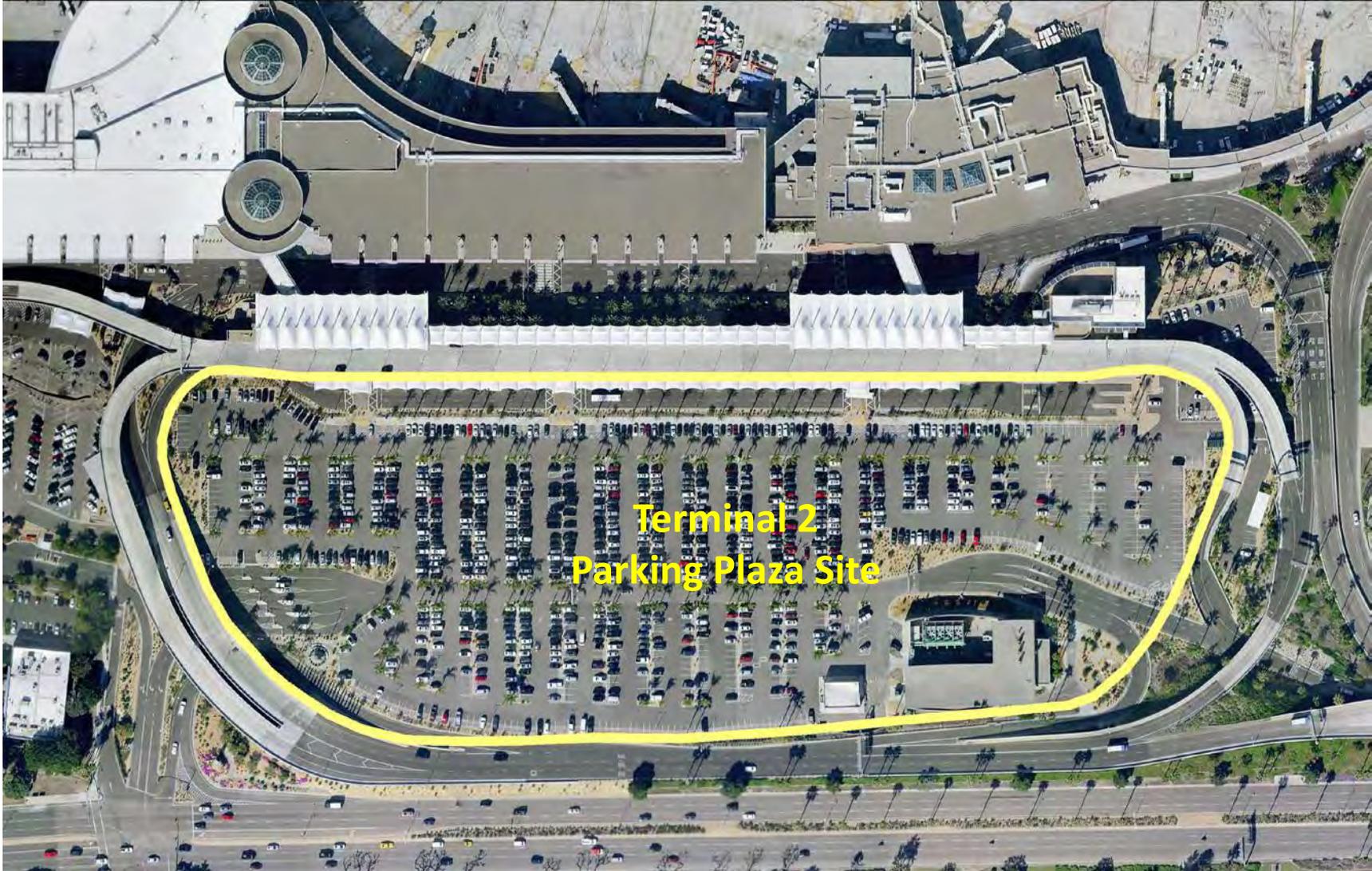
Sustainability Certification

Cost Update

Next Steps

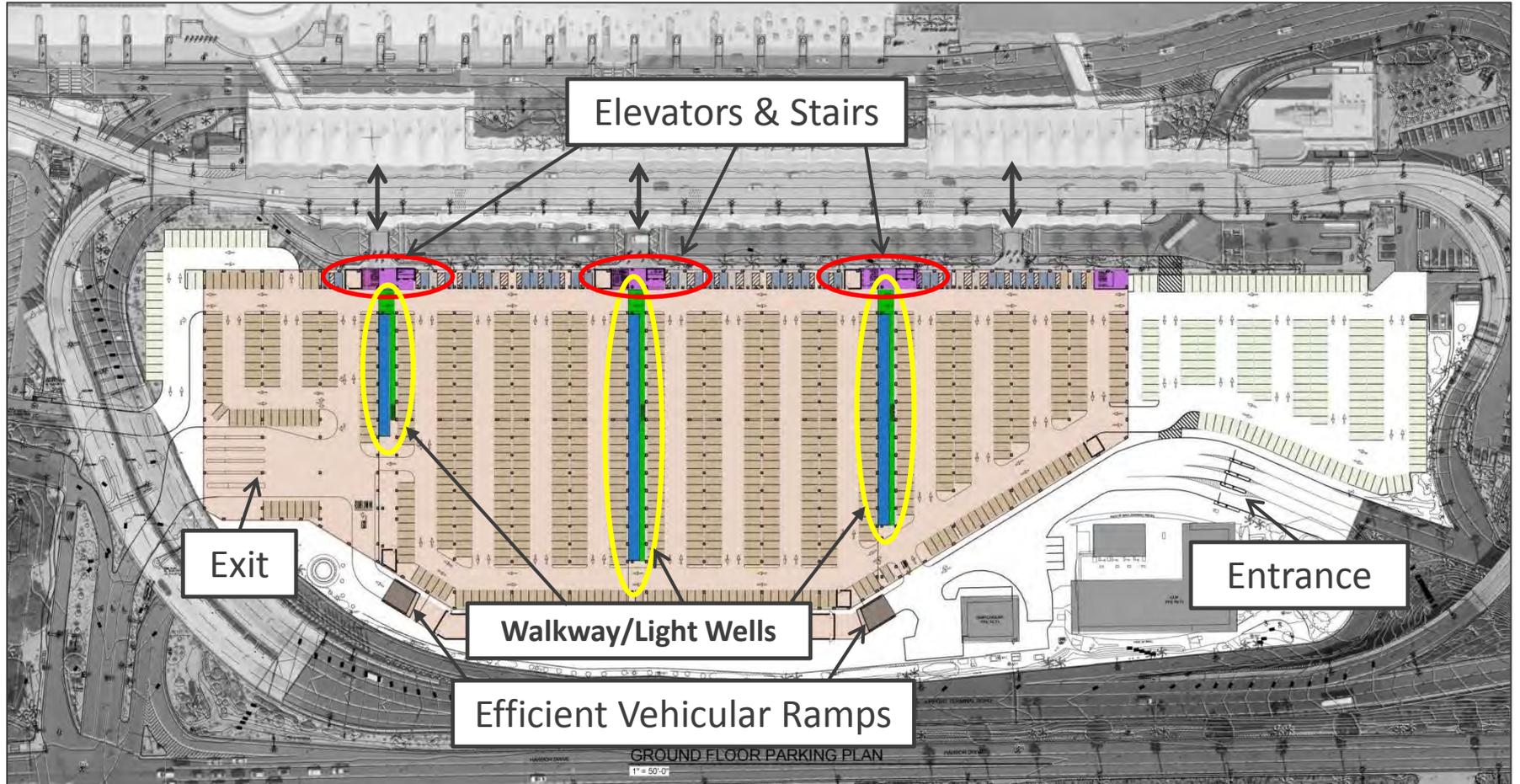
October 2016

Parking Plaza Site

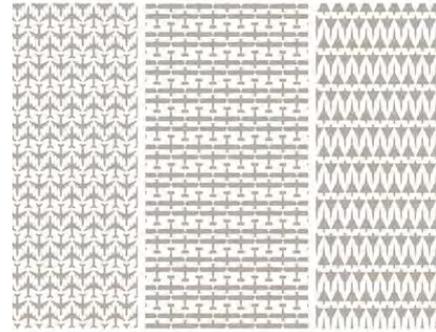


Terminal 2
Parking Plaza Site

Parking Plaza - 2901 Parking Stalls



Parking Plaza Renderings



Key Project Milestones

Milestone Events	Planned Dates
Concrete Deck Pours Complete	September 29, 2017
Ramp & Final Building Structure Complete	December 2017
Construction of Elevators and Stairs Complete	March 2018
Start Commissioning of Parking Systems	March 2018
Construction Substantial Completion	May 2018
Parking Plaza Operational	May 2018

December 19, 2016

Parking Plaza Jobsite



December 30, 2017



Construction Progress



Construction Progress



Elevator Lobby



Lightwell

Construction Progress



East Parking Lot Paving



Generator Installation

Construction Facts

- 33,000 cubic yards of concrete
- 47 major concrete pours
- 200,000 labor hours in 2017
- 3,000 tons of rebar
- 2,400 linear feet of underground piping in Stormwater Reuse System
- 2.8 miles (14,730 feet) of underground conduit for 12kV electrical
- 6 miles of cabling for 12kV electrical

Sustainability Certification

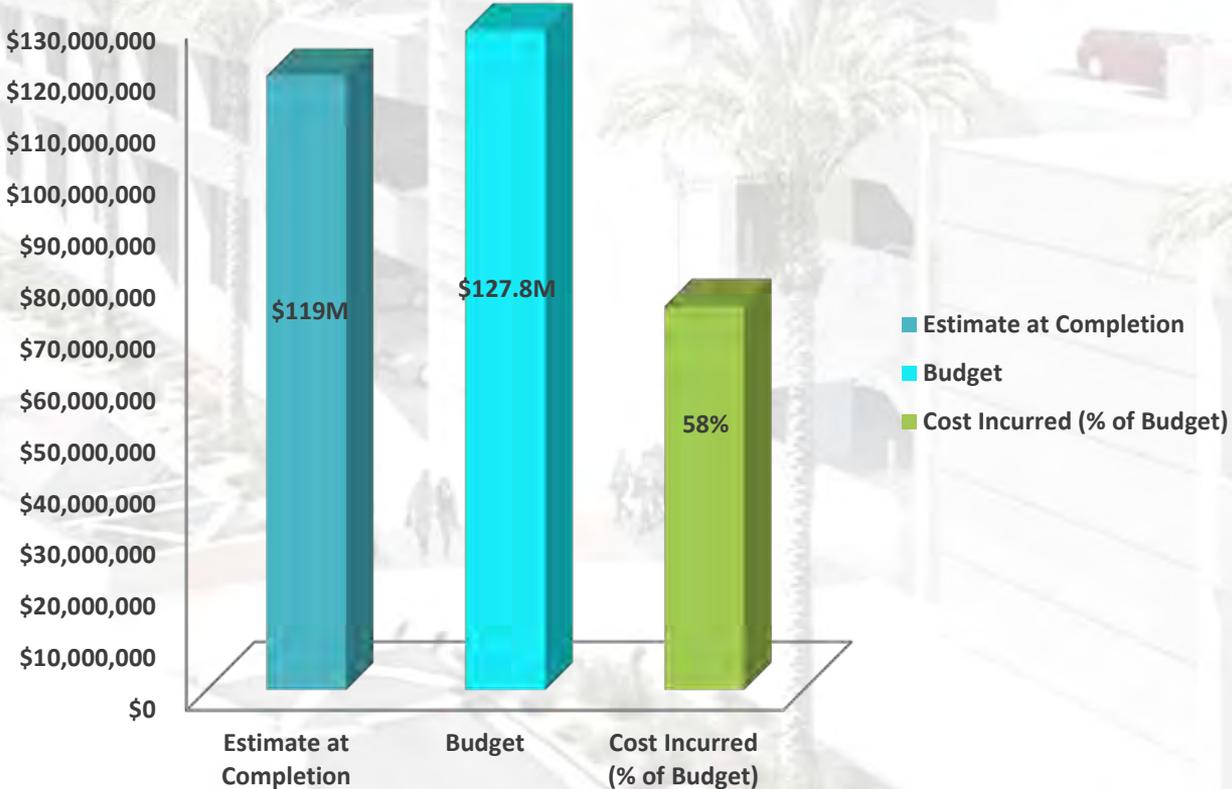


Green Business Certification Inc.

Level	Points Required	Expected Points
Gold	160-248	174
Silver	135-159	
Bronze	110-134	

T2 Parking Plaza

Cost through November 30, 2017



Next Steps







T2 Parking Plaza Technology System Details

January 22, 2018

Marc Nichols
Director, Ground Transportation

Contents

- Product Portfolio
- Objectives
- Requirements
- Entry and Egress
- Pricing
- Cashless System
- Reservations/Rewards
- Parking Guidance
- Preferred Parking
- Mobile and Web Apps
- Reporting
- Analytics

Parking Product Portfolio



Objectives



- State-of-the-art Parking and Revenue Control System (PARCS) and parking management operation
- Enhances the customer experience
- Convenient, safe, flexible, and appealing
- “Smart” parking facility for users, owners and operators

Requirements



- Cashless and cashier-less system
- Gated or non-gated
- Adjustable options for preferred parking zones/pricing w/o physical barriers
- Minimal to no staff
- Intelligent/efficient (PARCS)
- Allows for future flexibility, growth, and technological enhancement

At Entry



IZA500 Series All-In-One Imager



IZA500 Series All-In-One Imager With IZ Wall Mount



- Credit Card In/Out
- Automatic License Plate Recognition (ALPR)
- Pre-pay - ALPR
- “Member” – ALPR
- RFID Transponder/Parking Card
- FastTrak

At Exit



- Credit Card In/Out
- Prepay with Ticket – Pay on Foot (POF) Machine
- Online and Mobile Pay
- Prepay – ALPR
- “Member” - ALPR
- FastTrak
- Cashless – Cash to credit machines



Pricing

Capability of multiple rate structure and schemes:

By Date	Facility
Day	This & Other Structures **With ground sensors or Geo-fence technology
Month	By Space (1 st & 2 nd Floor)
Special Events	By Zone (3 rd Floor & Surface)
Season/ Holiday	Reserved/Preferred **Highlighted by color
Member/ Non-Member	By Duration
	Incentive/Rewards

Pricing (cont'd)

 **PITTSBURGH**
INTERNATIONAL AIRPORT

AIRPORT PARKING

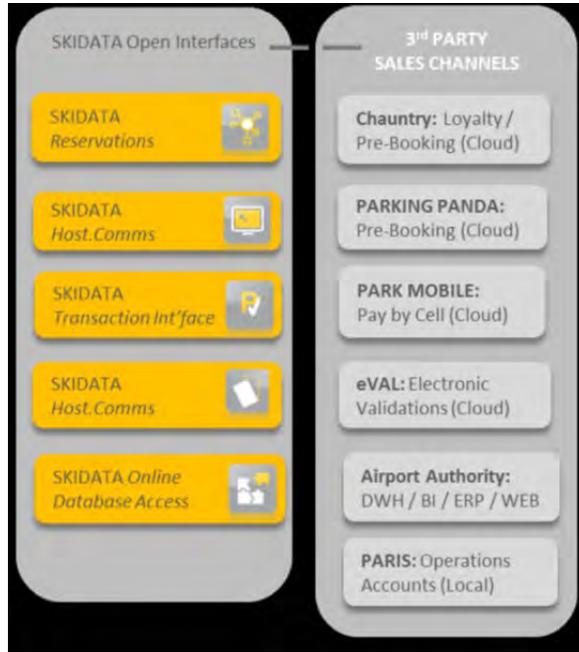
[ORDER HISTORY](#) [MY ACCOUNT](#) [HELP & FAQ](#)

Entry: Tuesday, February 21, 2017, 09:30 AM Exit: Sunday, February 26, 2017, 09:30 AM [\[Change\]](#)

	Location	Total Charge ▲	Transfer Time	Action
Extended	Extended Term Lot - Shuttle service to the terminal	\$40.00	 10-12 min. Frequency 13-15 min.	ORDER NOW
Long Term	Long Term Lot - Moving Walkway to the terminal	\$70.00	 5-7 min.	ORDER NOW
Short Term	Short Term Lot - Moving walkway to the terminal	\$120.00	 0-5 min.	ORDER NOW
Gold	Gold Key Lot	\$150.00	 2-4 min.	ORDER NOW

- Incentive Status
 - Prepaid, account, or on-line status
 - Frequent/corporate parkers “members”
 - Last minute upgrades
- Yield Management
 - Differentiated Pricing 1st & 2nd Floors
 - Revenue Maximization
 - Demand Pricing
 - Dynamic Pricing

Cashless System



- Cashless facility
- **“Cash-to-Credit” Machine**
- Eliminates need for on-site cashiers
- Reduces overall costs
- **Requires “burn-in” period and learning (user adoption)**
 - Will be well-communicated before grand opening



SCR200E CARD READER



BRF210 CONTACTLESS ANTENNA



AIRPORT PARKING

ORDER HISTORY

MY ACCOUNT

HELP & FAQ

Your Reservation(s) So Far:

Location	Short Term Lot [Change] [-Remove]	\$120.00
Entry	Tuesday, February 21, 2017, 09:30 AM	
Exit	Sunday, February 26, 2017, 09:30 AM	

Total Cost Of Your Selection: **\$120.00**

Personal Details

Fields marked must be completed.

Title*

First Name *

Last Name *

Address *

City *

State *

Zip Code *

Cell Phone

Payment Information

* Mandatory Fields

Payment Method*

Card Number*

Cardholder Name*

Security Code* [What is this?](#)

Expiration Date*

TOTAL \$120.00

Parking Access Information

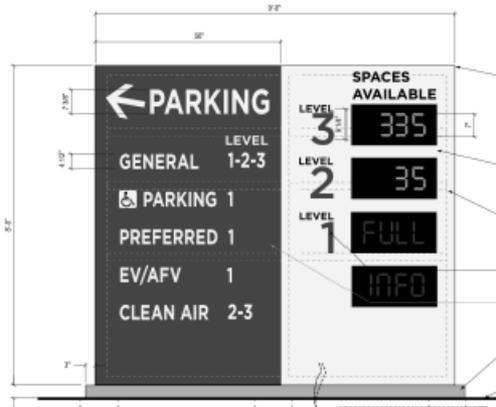
Reservations/Rewards

- New 3rd party reservation system
- Tied to all parking products and overall airport loyalty program
- Frequent parker, “member,” loyalty, and rewards programs
- Online and mobile apps
- Smart space tracking

Parking Guidance System (PGS)



INDECT
performance counts

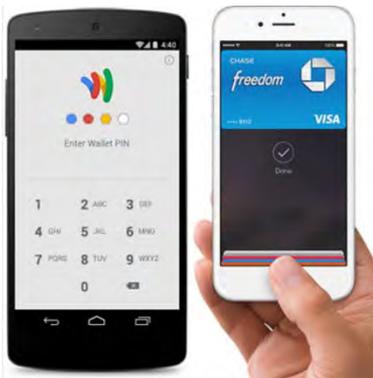


- Single space counting system
- Online and real-time availability
- Wayfinding
- Advanced Detection Technology
- Preferred options >> Tied to pricing models
- Programmable Variable Message Signs (VMS)
 - VMS Digital Monument Sign at Entrance
 - VMS Digital Sign on each floor
 - VMS Signs at end of aisles
- Red, Green, Blue (RGB) System shows stall availability
 - Camera based on 1st & 2nd floors
 - Ground sensor based on 3rd floor

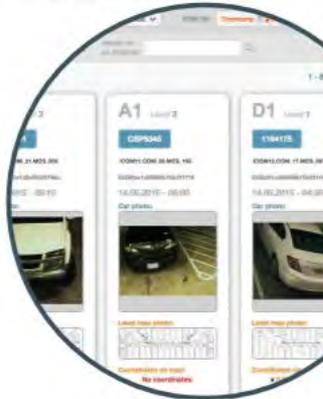
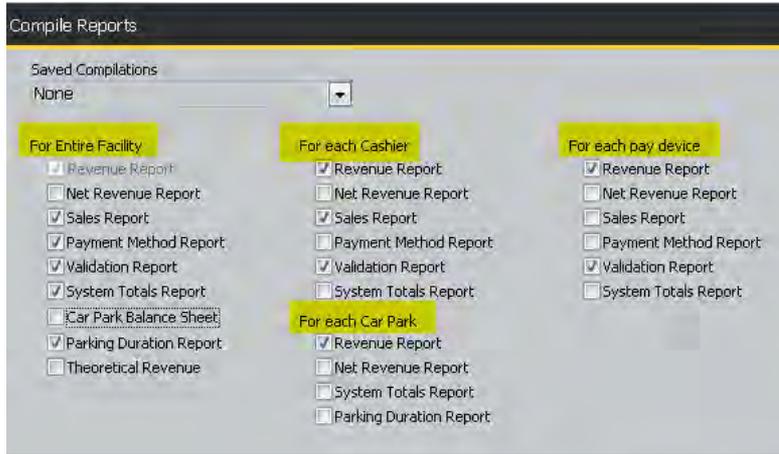


Mobile and Web Apps

- Parkmobile
- Android Pay
- Google Wallet
- Credit Card
- Apple Pay
- Samsung Pay

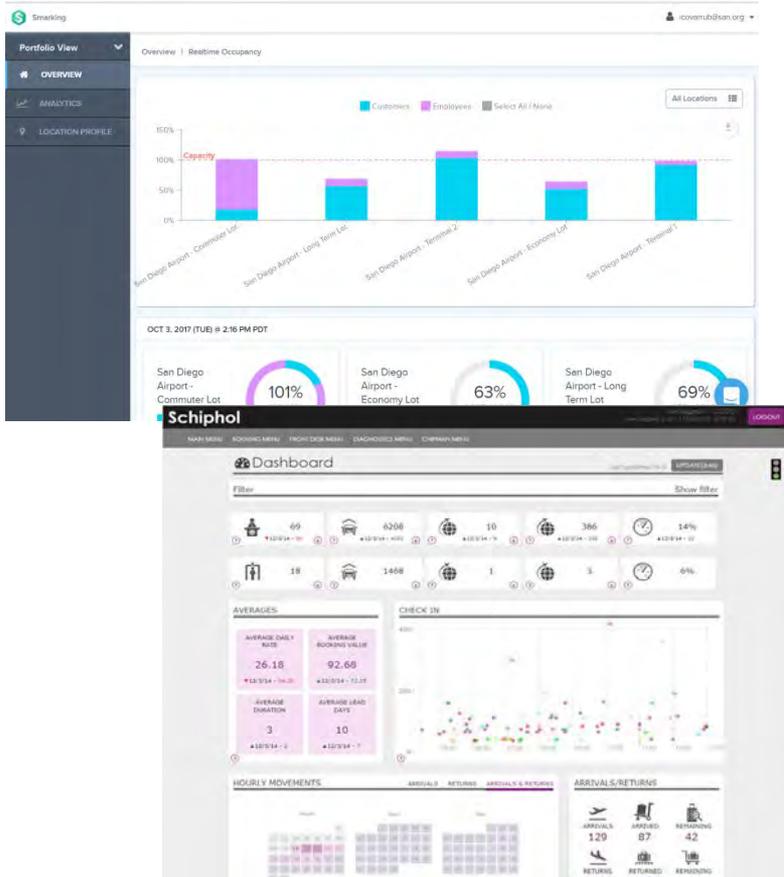


Reporting



- Smart and real-time occupancy and reporting
- Customizable reporting
 - Daily/Monthly Reporting
 - Audit Reporting
 - Parking Duration / Traffic Flow
- Facility Performance Analysis
- Customer Relationship MGMT
- Online/Email Marketing

Analytics



- “Smart” reporting to evaluate operations, programs, and utilization
- Scalable to other lots if desired
- Online, real-time, historical, trend, and predictive analytics if desired
- Business Intelligence
 - Web-based Dashboards
 - *Smarking* dashboard and predictive analytics is already in use for other airport lots



Questions?

● Ticketing
U.S. Airways



Capital Improvement Program Oversight Committee

Federal Inspection Services (FIS)
Facility Update

January 22, 2018

Presented by:
Bob Bolton
Director, Airport Design & Construction

Federal Inspection Services (FIS) Facility



FIS – T2W Overall Plan

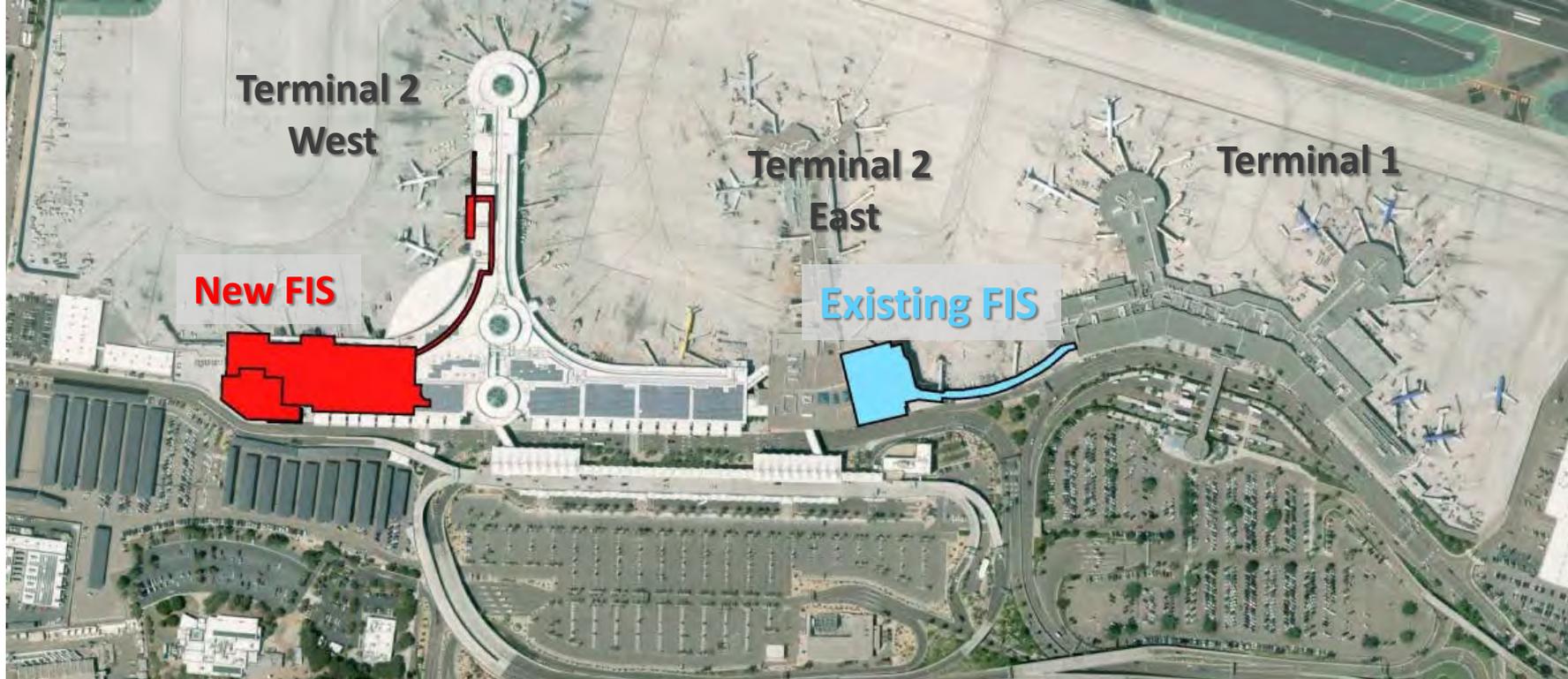
Key Project Milestones

Collaboration

Construction Progress

Cost Update

Next Steps



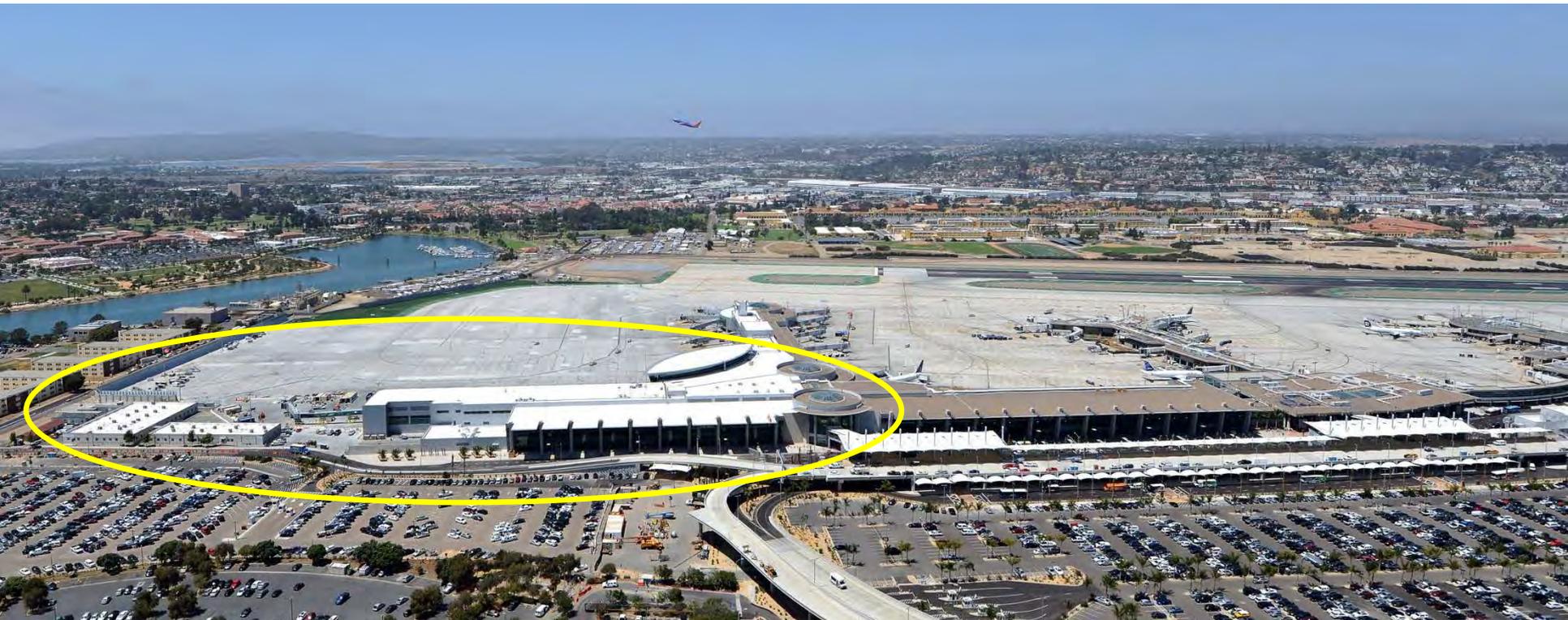
New FIS in Terminal 2 West:

- Total Area **135,000** sf (approx.)
- BAG-FIRST Processing
- 16 Primary Booths
- **1,000 PAX/Hour**

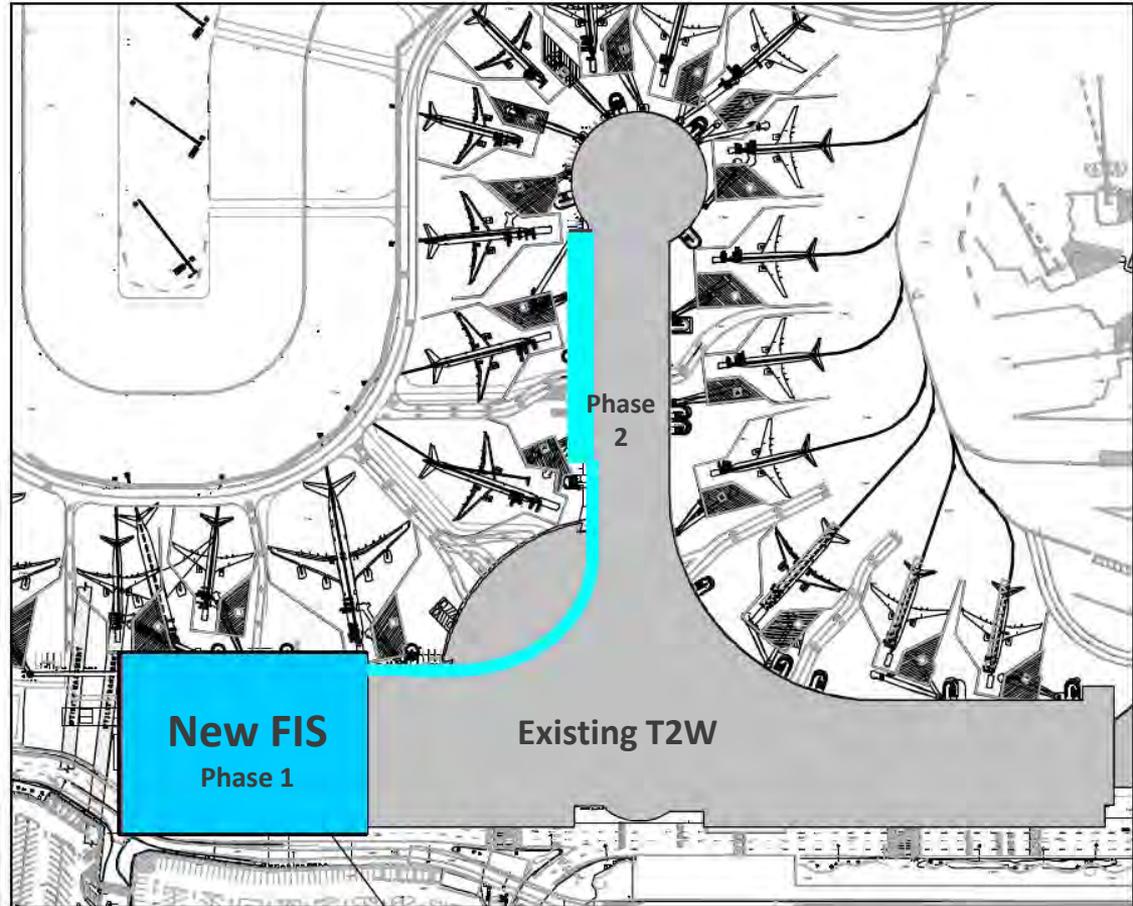
Existing FIS in Terminal 2 East:

- Total Area **37,000** sf (approx.)
- Traditional 2-Step Processing
- 7 Primary Booths
- **350 PAX/Hour**

Terminal 2 Site



T2W Overall Plan



Key Project Milestones

Phase	Anticipated Date
Contract Award (March 2, 2017 Board)	Complete
100% Design Submitted November 2017	Complete
Design / Construction	March 2017 – May 2018
Phase 1 Activation	May 2018 – June 2018
Phase 1 Facility Operational	June 2018
Phase 2 Facility Operational	June 2019

Facility Renderings



Design Collaboration Process

By the Numbers:

30 Design Coordination Meetings with Authority Stakeholders

- Page-turn Sessions at each Design Milestone
- Internal & External Peer Review at each Stage

42 Meetings with Customs & Border Protection (CBP)

- 25 General Meetings
- 17 Office of Information & Technology (OIT)

5 Meetings with City of San Diego



Collaboration with CBP

CBP Workshops:

- Special Systems Requirements
- Access Control/Cameras
- IT Rooms & Equipment
- Dynamic Signage
- FF&E
- Start-up & Commissioning
- Activation

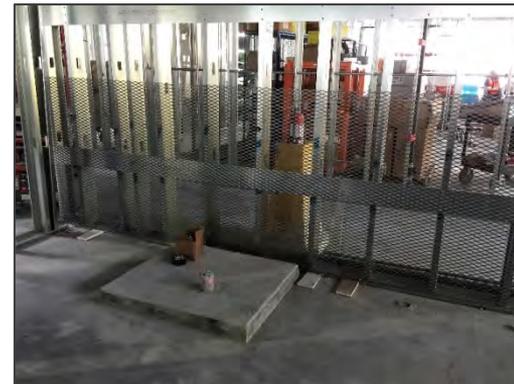


U.S. Customs and
Border Protection

CBP Ongoing Field Inspections:

CBP Procurement Update 12/13:

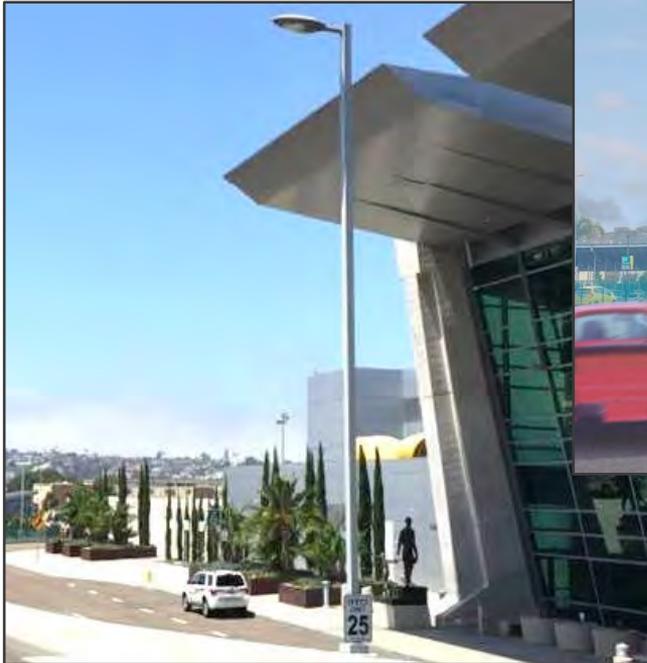
Equipment purchased by CBP
is on track for Turnover



Construction Progress

Main Facility

Before Construction



December 29, 2017



Rendering



Construction Progress



West Façade Under Construction



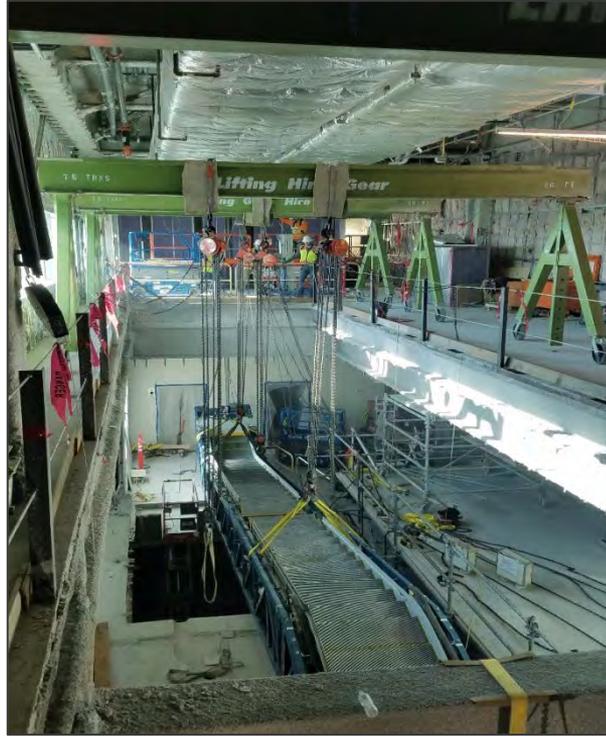
Glass Curtainwall at Meeter Greeter Area

Construction Progress

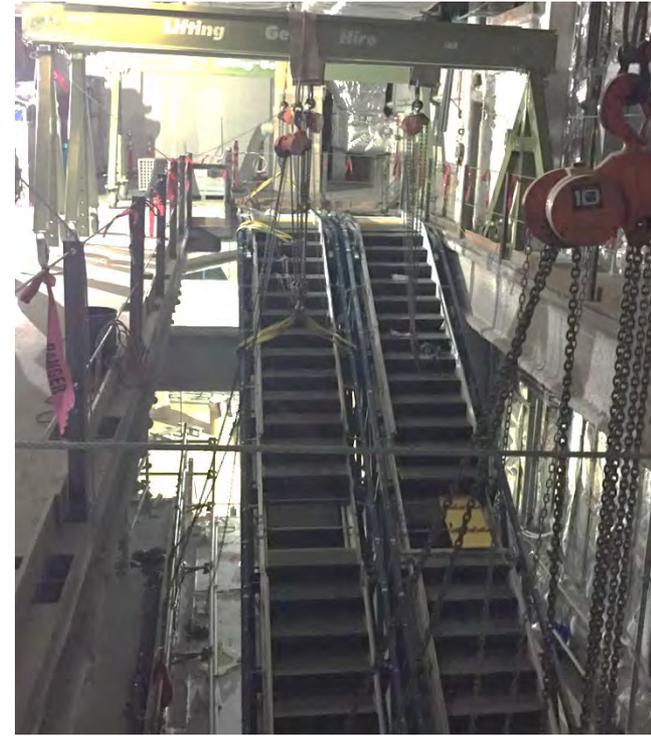
Interior Vertical Circulation Core



Framed Opening Before
Escalator Installation



Escalator Installation In Progress



Escalator Installation Complete

Construction Progress



1st Floor Main Ductwork Above Future CBP Booths



3rd Floor Technology Hall

Construction Progress

Safety and Quality By the Numbers

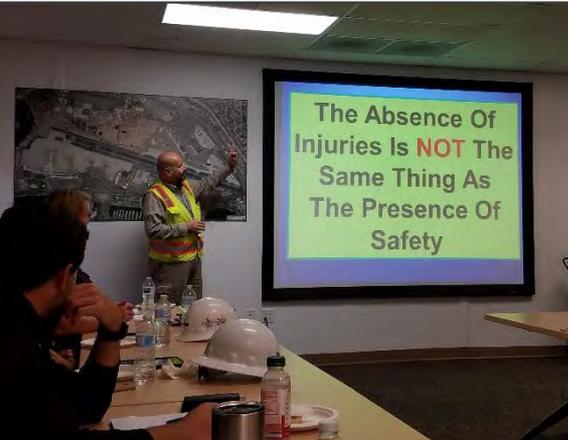
Over 260,000 Project Man-Hours

Over 1500 Labor Safety Orientations

Over 300 Work Plans Issued, Reviewed and Approved

Over 120 Tenant Advisories Issued

99 Subcontractors On-Boarded



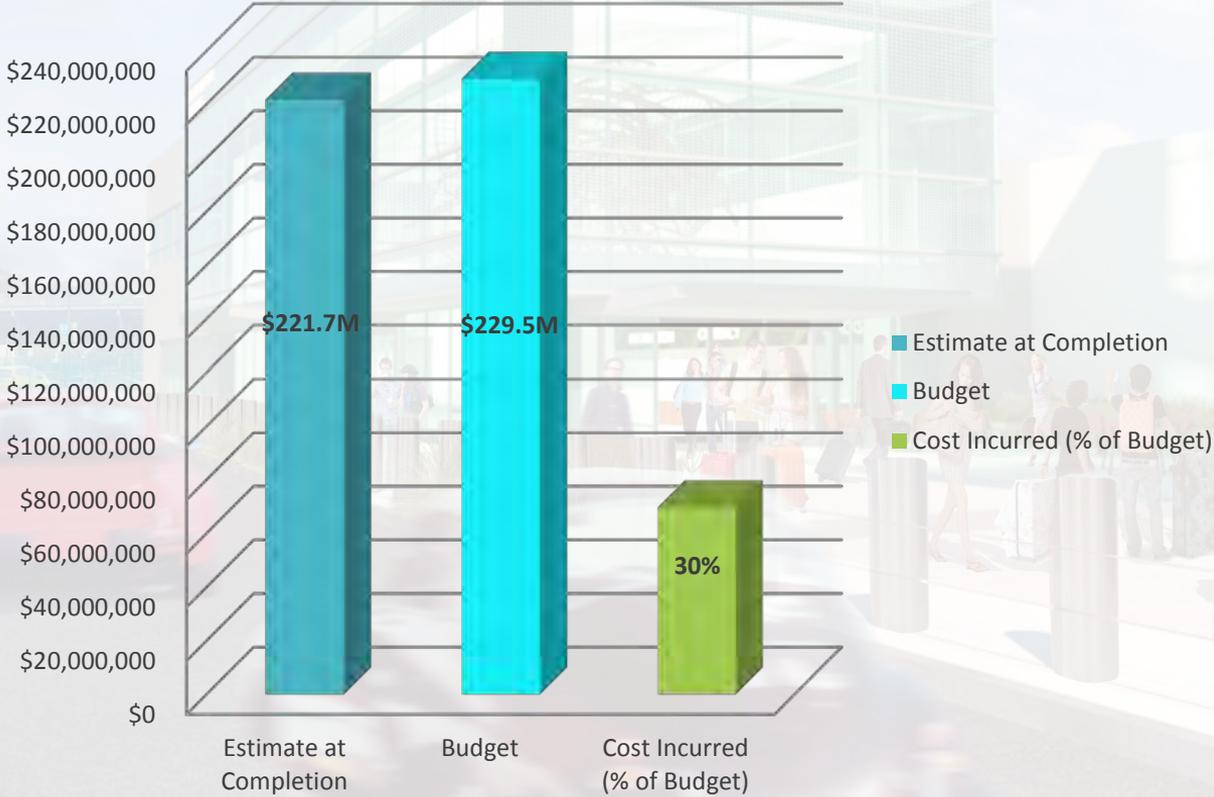
LEEDv4 for Commercial Interiors Sustainability Certification

Leadership in Energy and Environmental Design (LEED)
United States Green Building Council

Level	Points Required	Expected Points
Platinum	80-100	
Gold	60-79	Between 56-64 Points
Silver	50-59	
Certified	40-49	

FIS T2W Build-Out

Cost through November 30, 2017



Next Steps



Questions?





ARRIVE, DEPART,
BE INSPIRED.

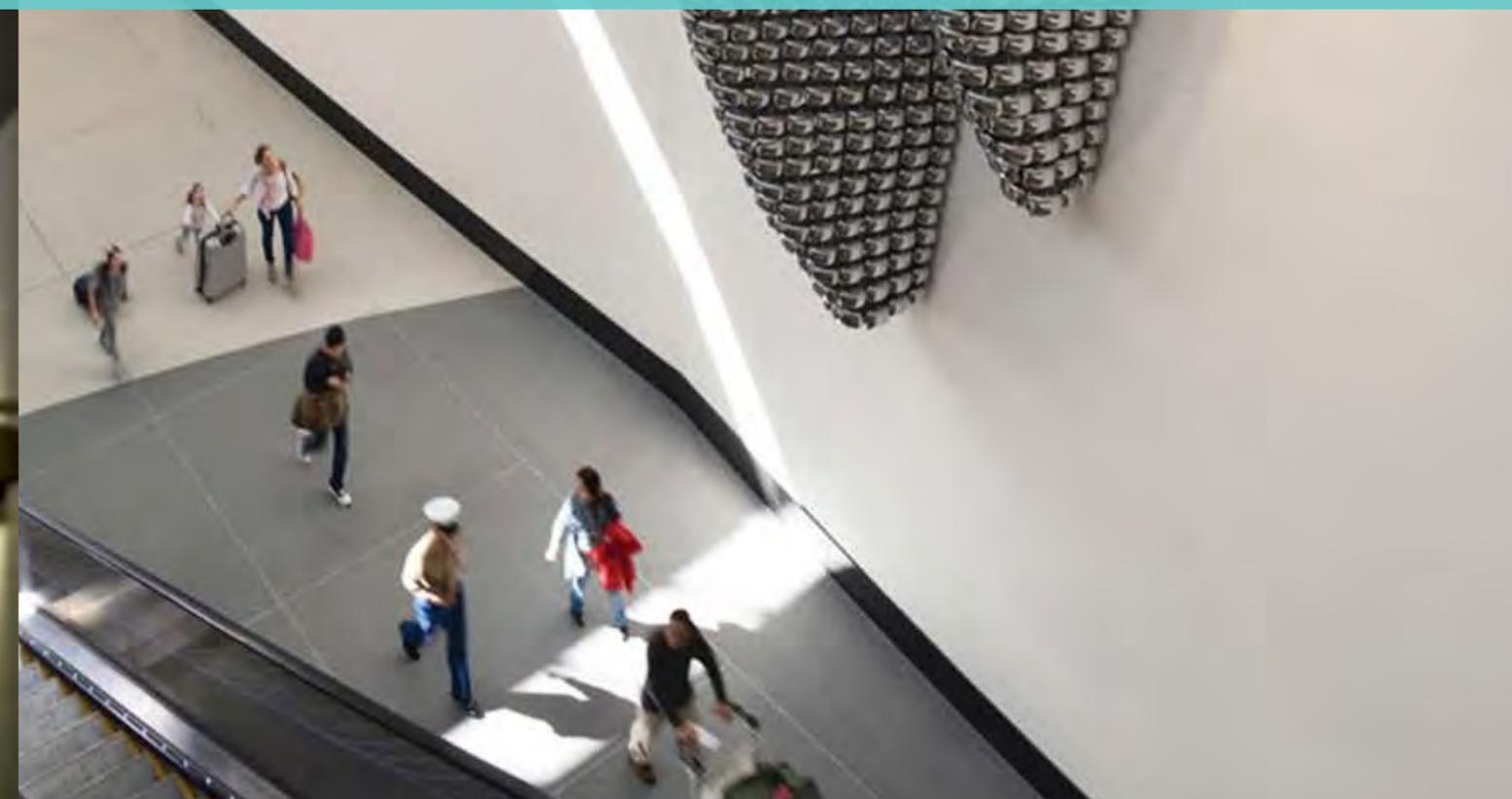
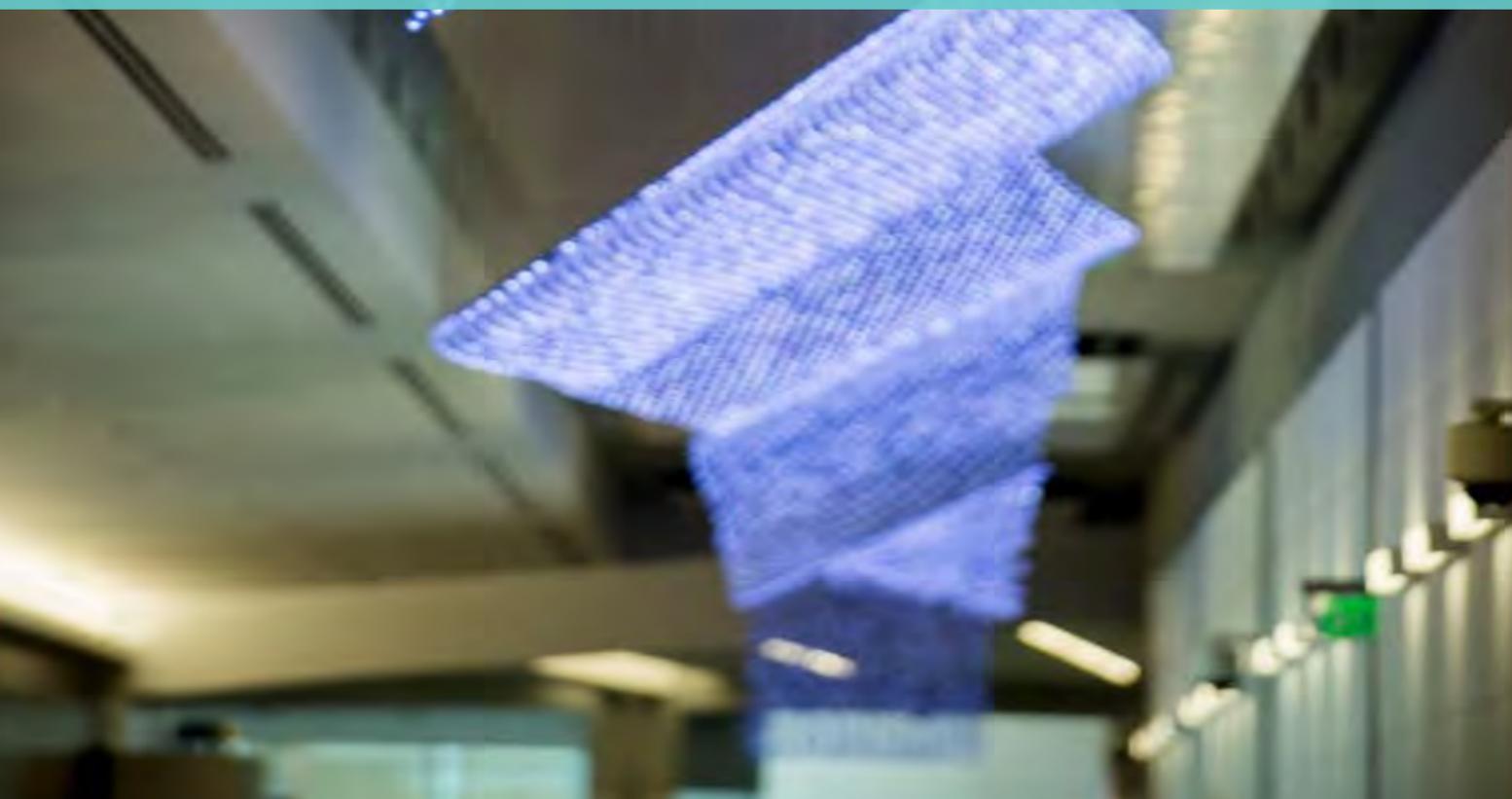
Item 5: Public Art Update

Lauren Lockhart
Arts Program Manager

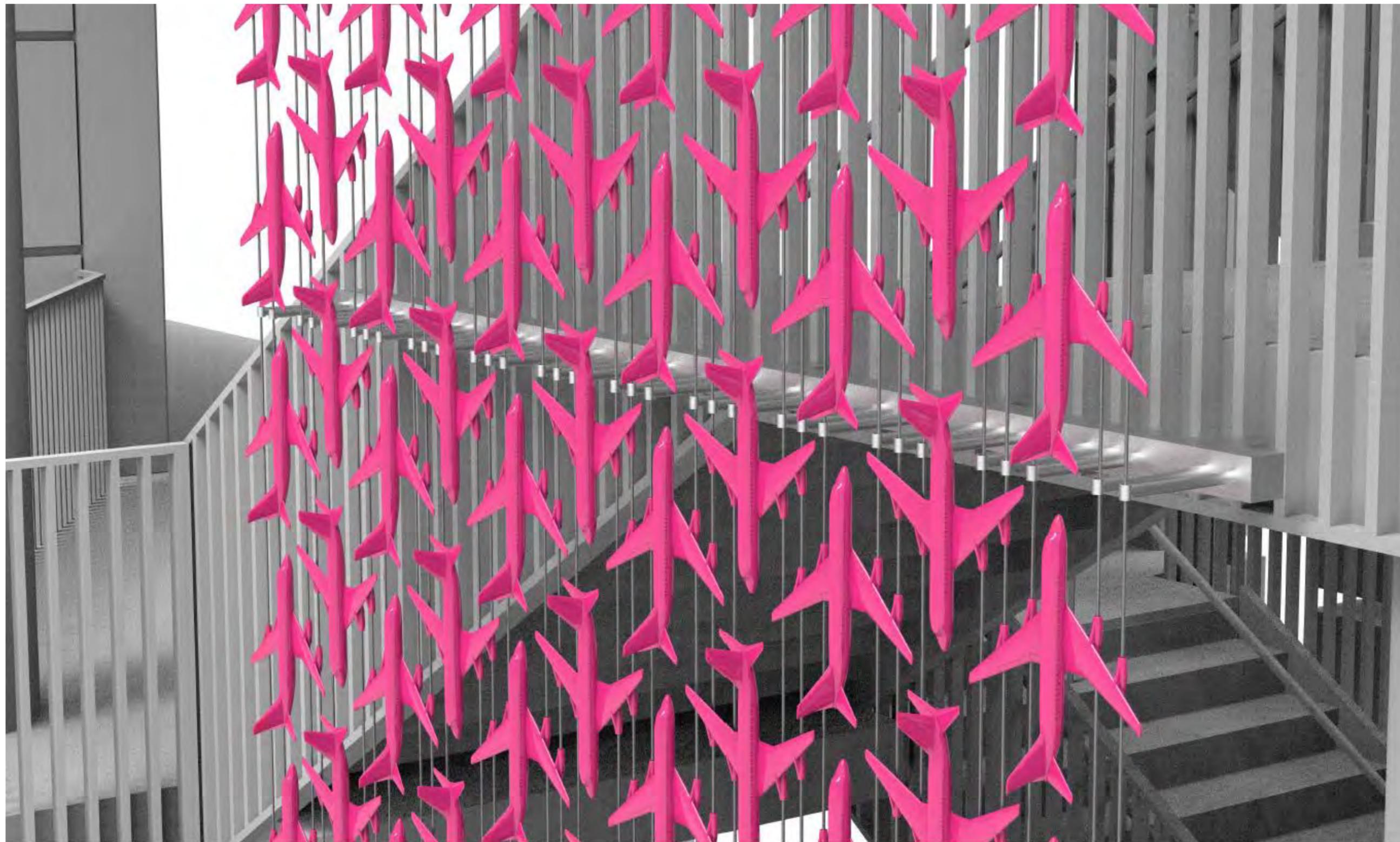
January 22, 2018

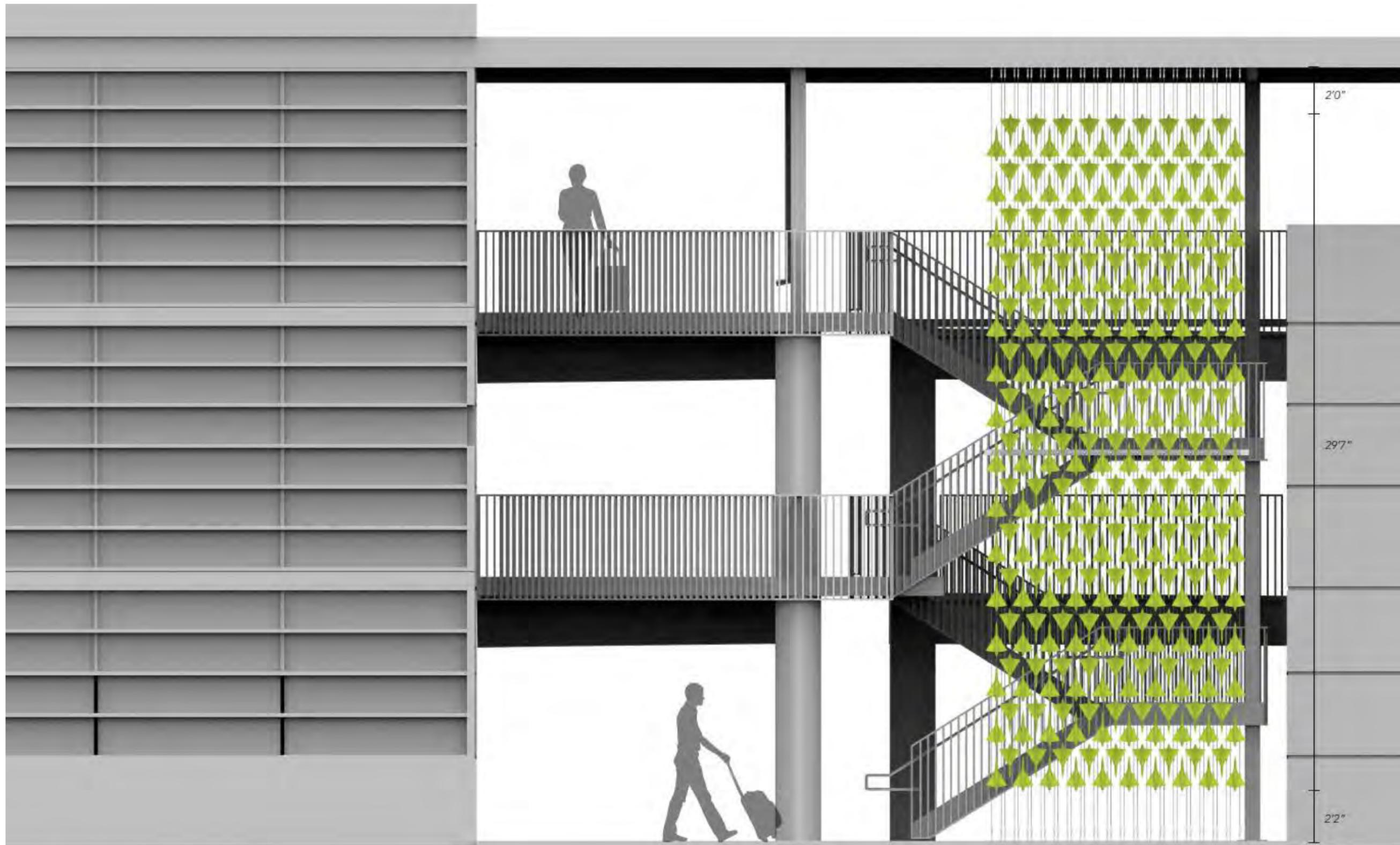


PUBLIC ART



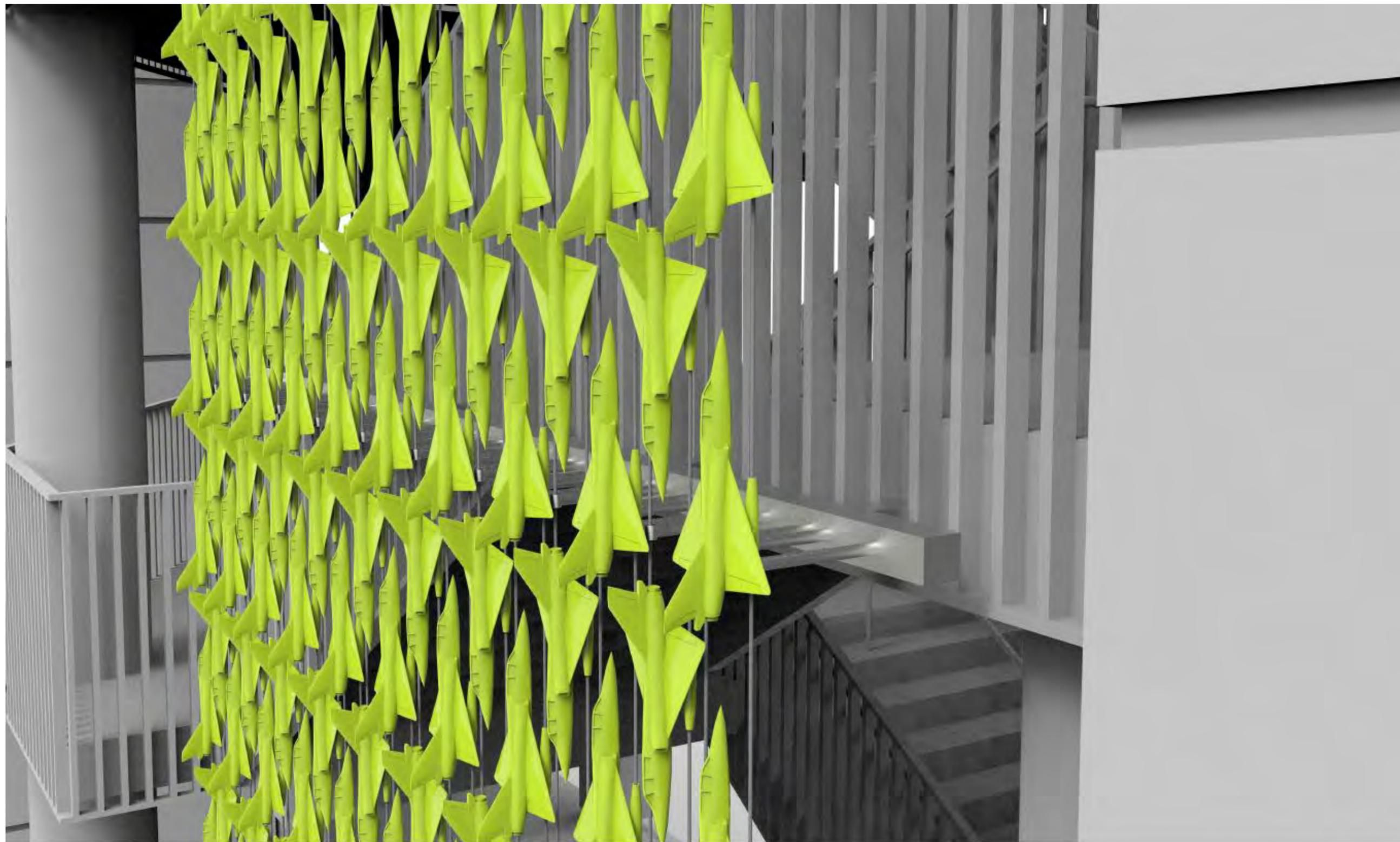


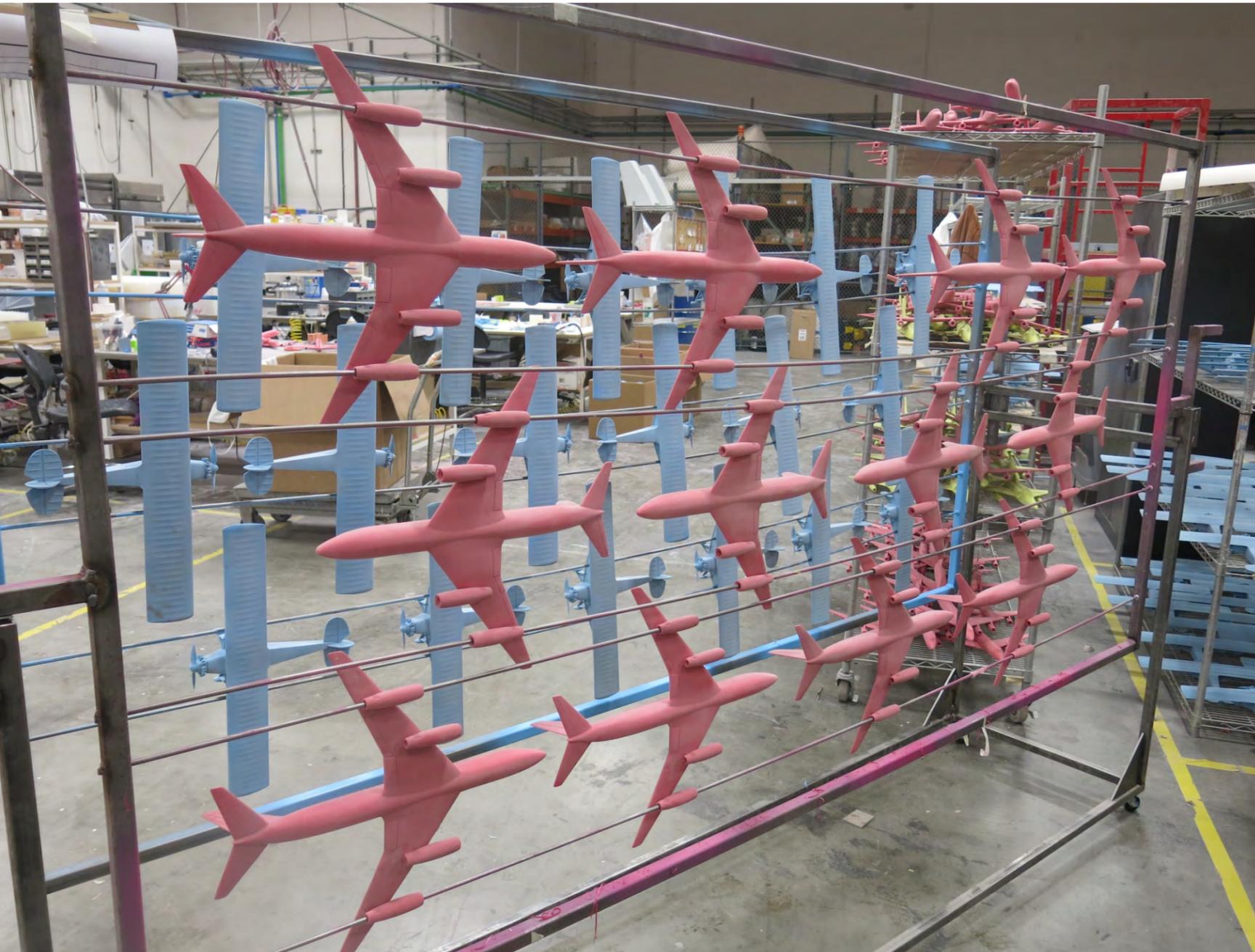


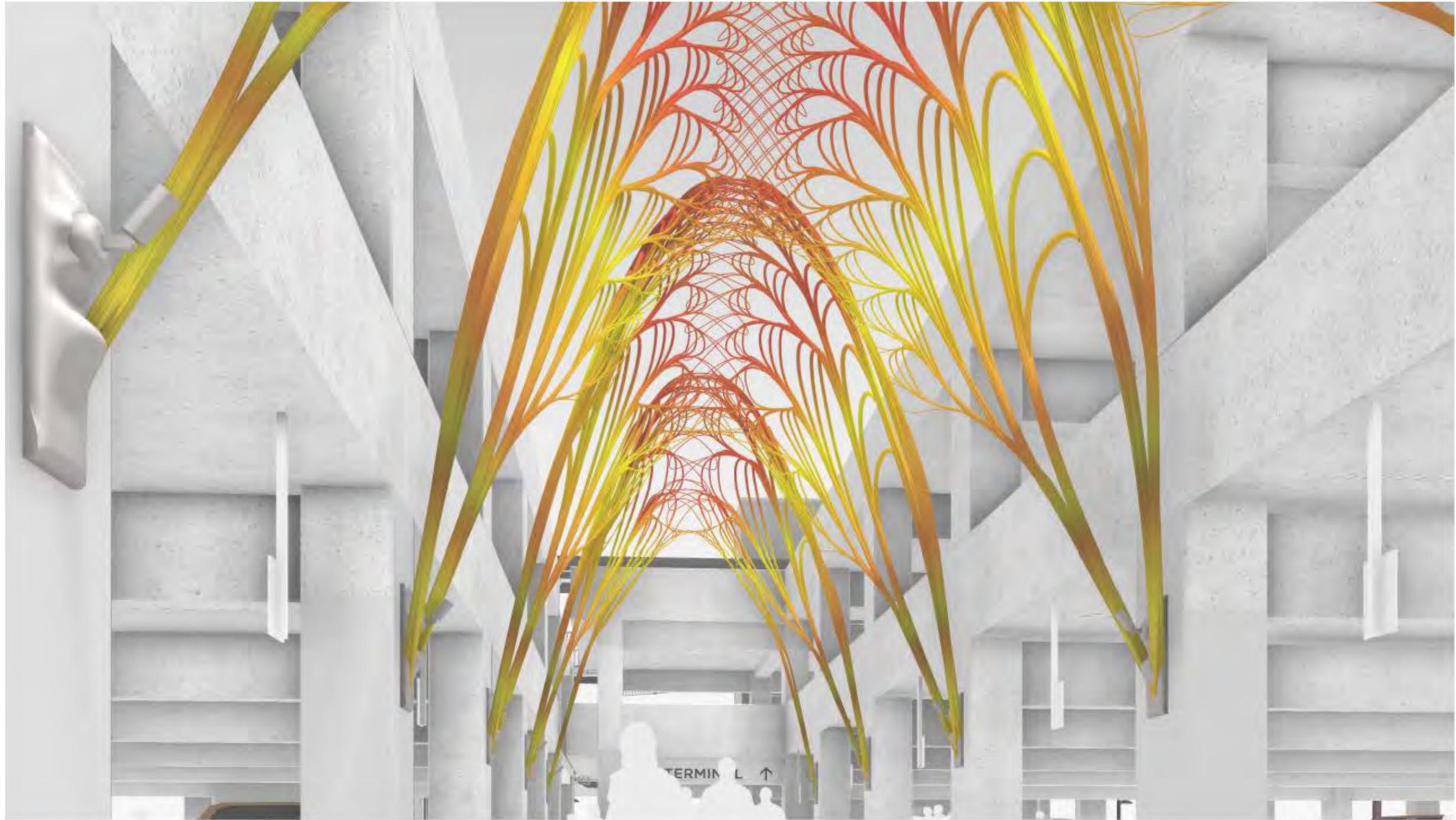


FORMATION: NF-106B - PATTERN ELEVATION

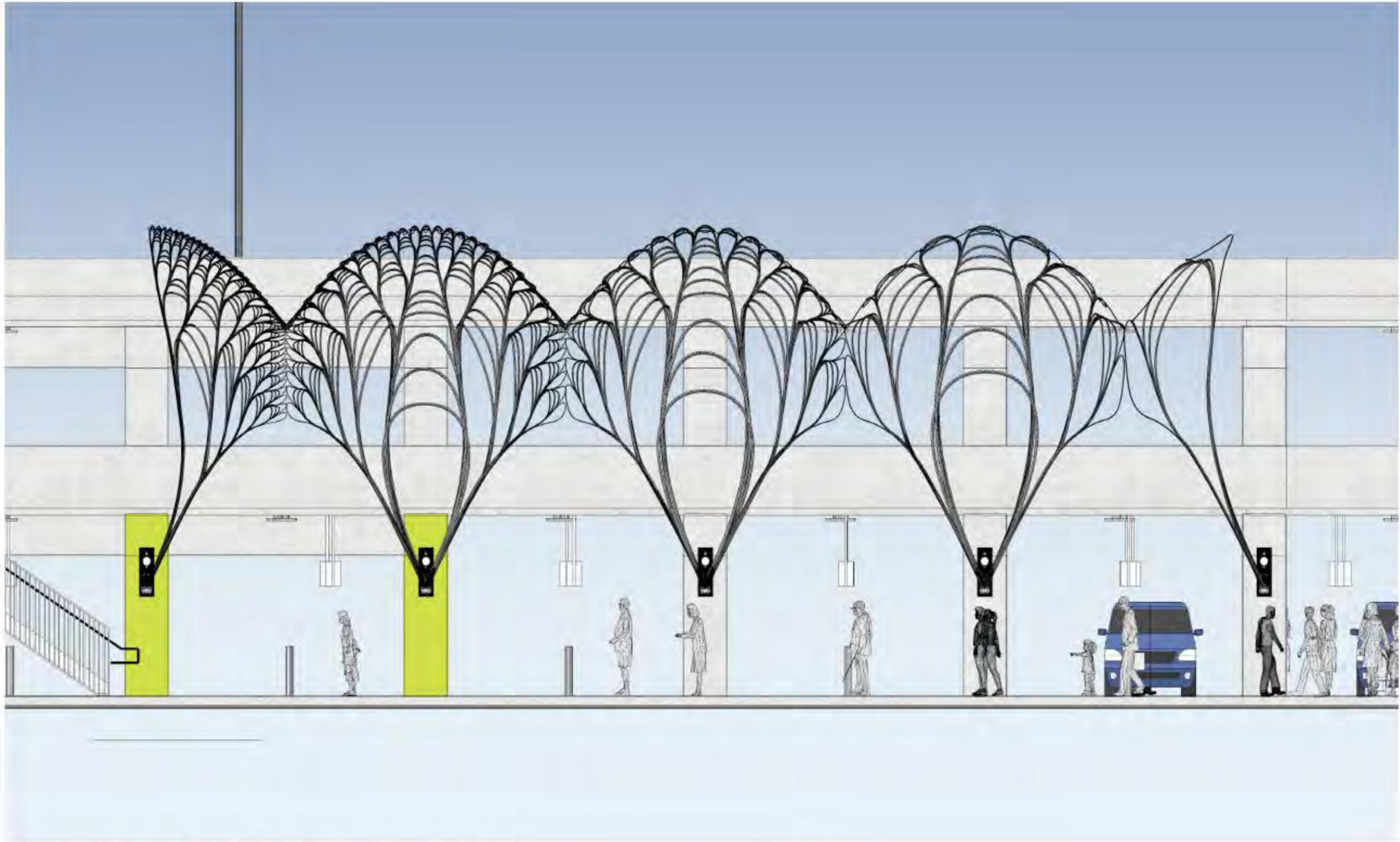
MARK REIGELMAN II











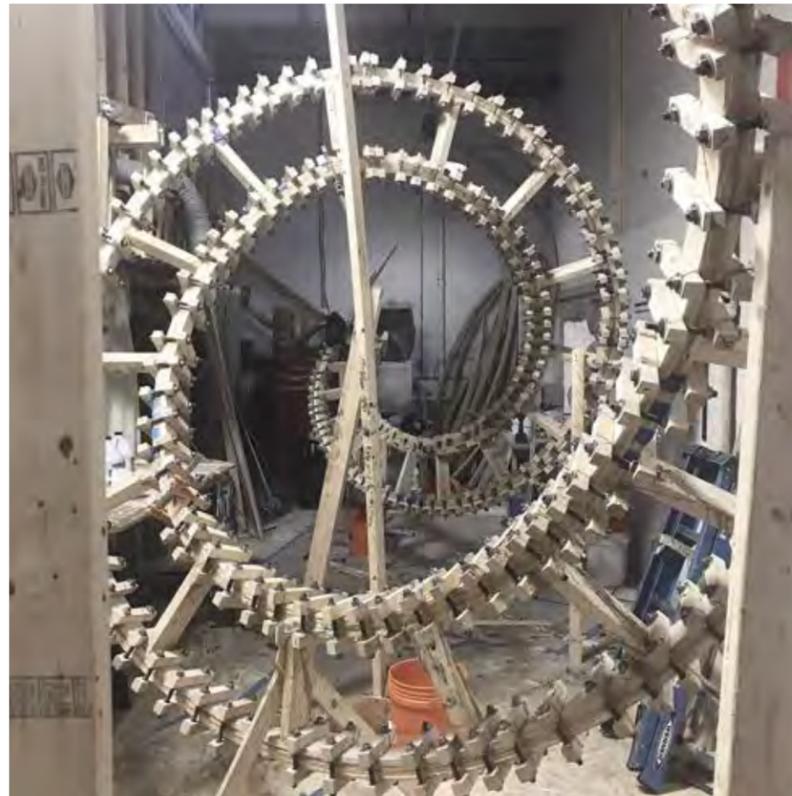
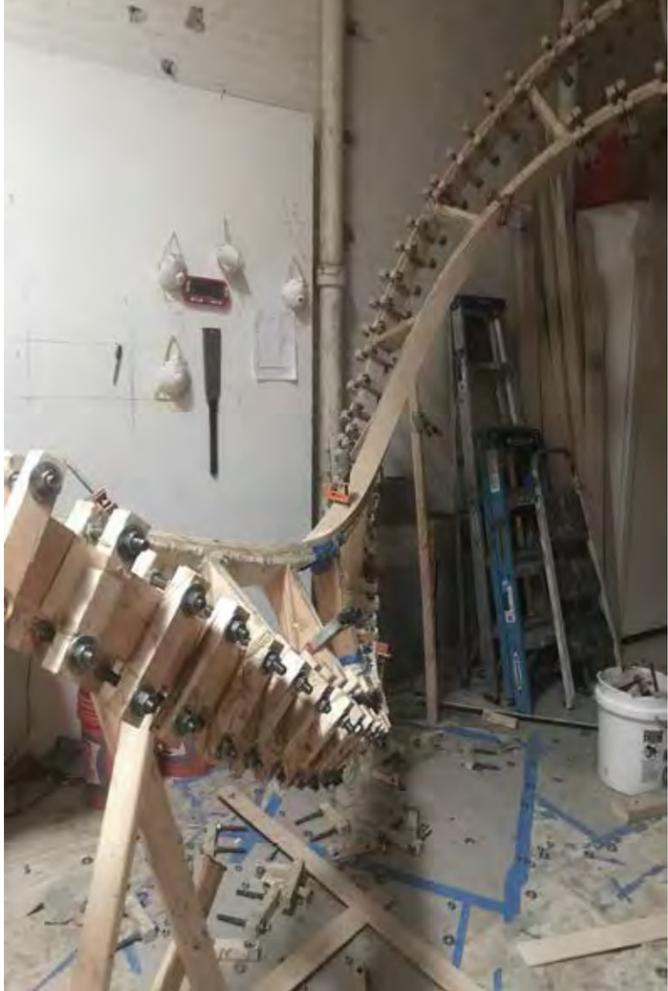
Drawing to illustrate location and geometry only, not color













Questions?



SAN DIEGO
INTERNATIONAL AIRPORT

LET'S **GO.**

SMALL BUSINESS DEVELOPMENT REPORT

Regina Brown

Manager, Small Business Development

January 22, 2018



OVERVIEW

- Parking Plaza
- Federal Inspection System
- Education and Training



Parking Plaza

- Prep for Success Training Workshop
- Meet the Primes
- Meet the Buyers
- Construction Connection
- Women in Business Expo



Parking Plaza

COMMITMENT OVERALL

Swinerton Small Business Commitment	35%
Subcontracted to Date	\$72.6 million
Small Business Commitment to Date	\$30 million (41.32%)

FIS Highlights

- Monthly Training Workshops
- Veteran in Business National Conference
- Council for Supplier Diversity Symposium
- Meet the Primes
- Meet the Buyers



Federal Inspection System

COMMITMENT OVERALL

Turner/PCL Small Business Commitment	20%
Subcontracted to Date	\$87 million
Small Business Commitment to Date	\$20.3 million (28%)

SBD Education & Training



Bonding & Contract Financing Assistance Program

- OSHA 30
- State Payroll Tax
- OSHA Injury & Illness Prevention
- Contractors Panel
- Procurement
- LCP Tracker
- Ready Service & Change Orders vs. T&M Work



Veteran Owned Small Business Appreciation Luncheon

- On November 30, 2017, up to 60 Veteran Owned Small Businesses attended the luncheon

Questions

Contact:

rbrown@san.org

619-400-2567





Capital Improvement Program Oversight Committee

Parking Plaza and FIS
Finance Update

January 22, 2018

Presented by:

Geoff Bryant

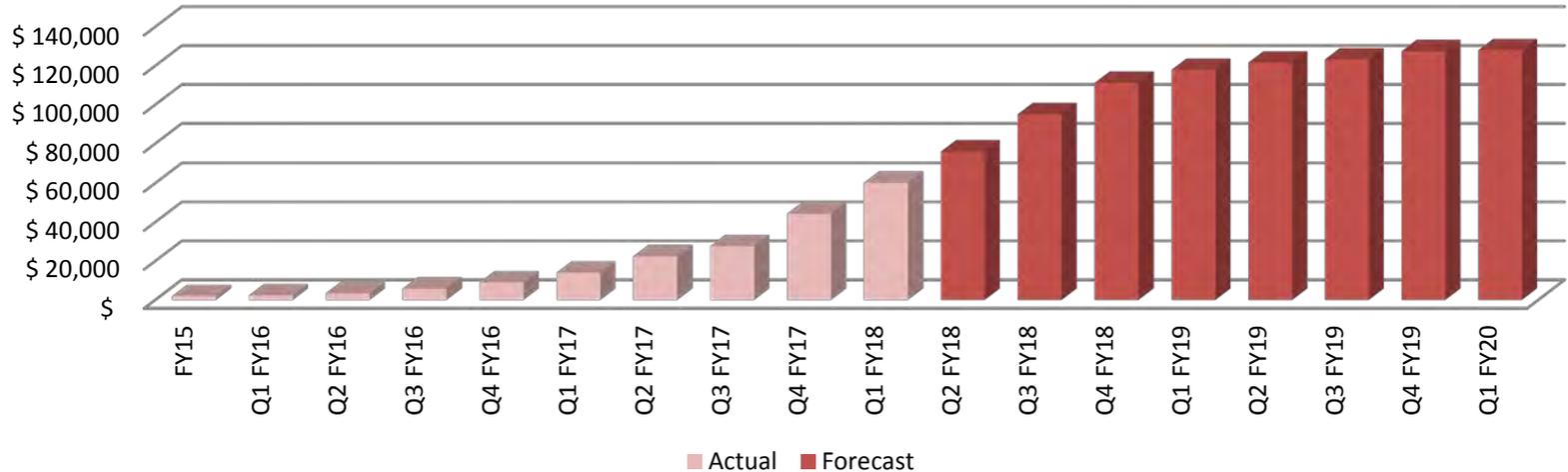
Manager, Airport Finance

Parking Plaza Cost

As of November 30, 2017

(amounts expressed in thousands)

Parking Plaza Project	Project Costs as Budgeted	Actual Costs	Remaining Unspent
Totals	\$ 127,800	\$ 74,124	\$ 53,676



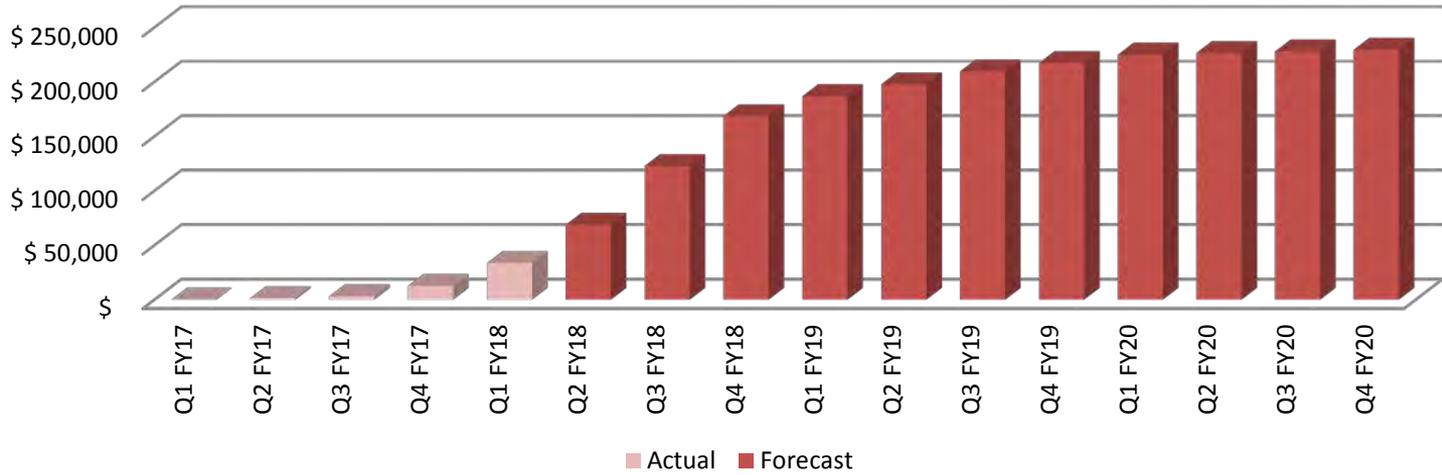
Estimated Savings at Completion \$ 8,800

FIS Cost

As of November 30, 2017

(amounts expressed in thousands)

Parking Plaza Project	Project Costs as Budgeted	Actual Costs	Remaining Unspent
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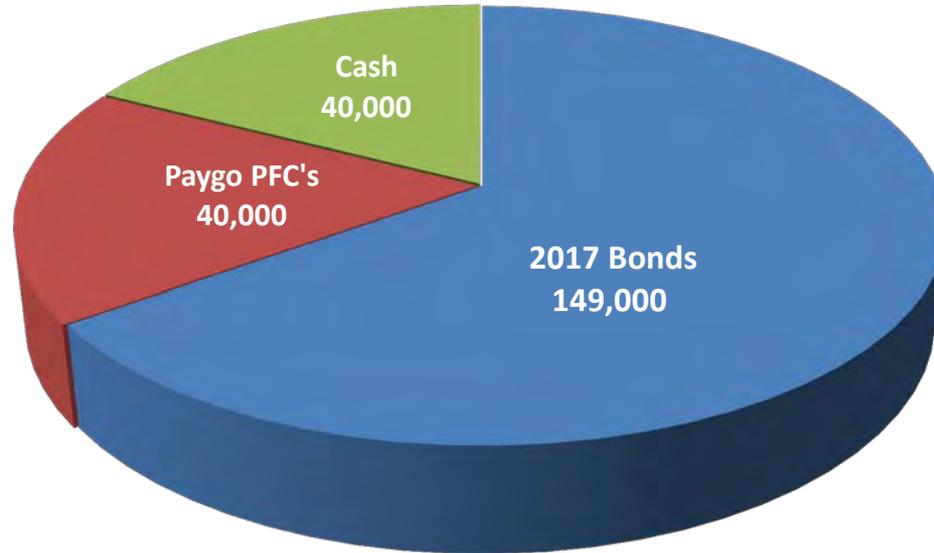


Estimated Savings at Completion \$ 7,800

FIS Funding Sources

As of November 30, 2017

(amounts expressed in thousands)



Questions





Storm Water Master Planning

January 2018 CIPOC Meeting

Brendan Reed

Planning & Environmental Affairs Director

Richard Gilb

Environmental Affairs Manager



CLEAN WATER ACT

Clean Water Act



NPDES
Point Source
Discharge
Permits

303(d) List
Waterways
'Impaired' for
Certain Uses

TMDL
Assessment &
Allocation for
Pollutant 'Loads'



SITE ISSUES & CONSTRAINTS

Current Site Issues

Other
Reg.
Actions
14

13

15

12

Aircraft & Vehicle Brakes & Tires:
Copper & Zinc



11

10

9

8

303(d) Listed:
Copper

7

303(d) Listed:
Copper

6

5

Other
Reg.
Actions

3

2

1

303(d) Listed:
Sediment Toxicity

Other Reg. Actions

Site Constraints

San Diego International Airport is...

- <100 yards to San Diego Bay
- Flat land
- >90% impervious surfaces
- <20 acres of landscaping
- Hydraulic fill of sediment (silt & clay) from San Diego Bay
- Runway (touch down zone) itself is surrounded by pavement





WATER QUALITY REGULATIONS

New Storm Water Permits

More stringent & performance based!

MUNICIPAL PERMIT

Water Quality Improvement Plan

- Meet CA Toxic Rule (Cu & Zn) with zero exceedances by 2026
- '100% Pollutants from 85% Storm Event' - Hierarchy of BMPs 
- Development creates 10,000 sf or Redevelopment replaces 5,000 sf

INDUSTRIAL GENERAL PERMIT

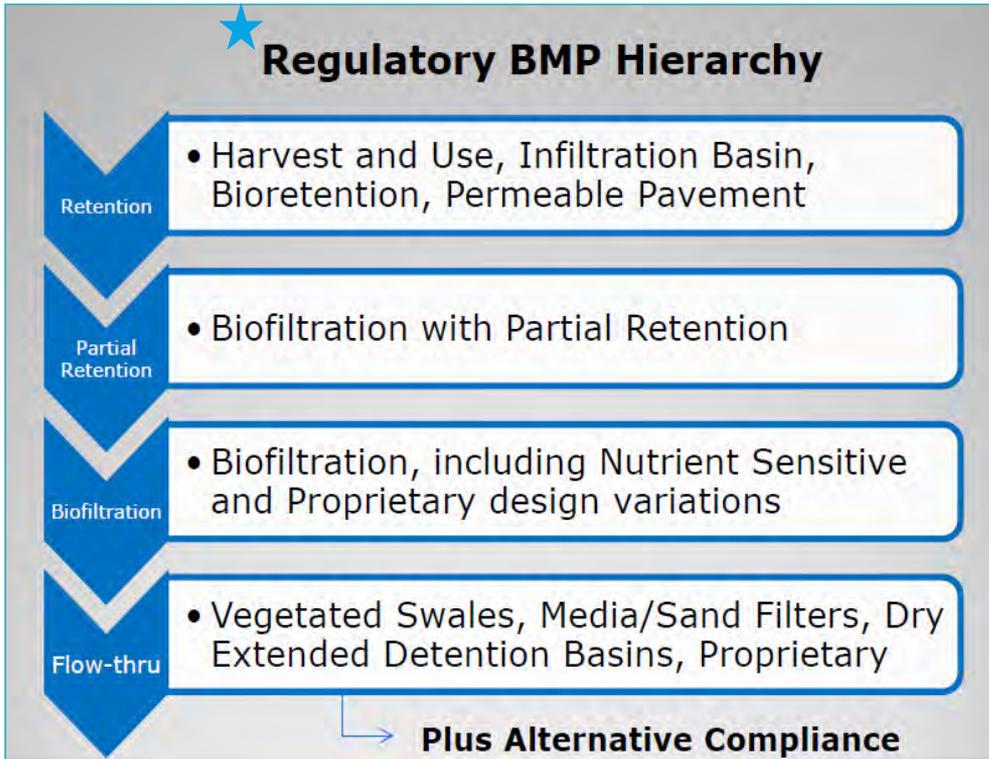
Exceedance Response Actions

- Level 2 Plan for Cu
- Level 1 Plan for Zn

OTHER REGULATORY CONSIDERATIONS

- Planned TMDLs for San Diego Bay areas near SAN (2019)
- 'Trash Amendments' - Zero discharge within 10 years under Municipal Permit
- Increase in citizen organizations filing 60-day Notices of Intent to file suit for CWA violations

Post-Construction BMP Hierarchy



1

Dissolved Cu & Zn difficult to remove from storm water

2

Limited opportunity for infiltration on 661-acres

3

Relatively small threshold for new requirements (5,000 ft²)

4

New Exceedance Response Action Plans annually



STORM WATER MASTER PLAN

Strategic Storm Water Master Plan (Phase II)

- Hydrology & hydraulic modeling
- Existing & future conditions (+ climate change)
- Informs ASF/ADP storm water compliance planning
- Study Outputs:
 - Reinforces Capture & Reuse as long-term solution
 - Evaluates multiple C&R alternatives
 - Provides conceptual design

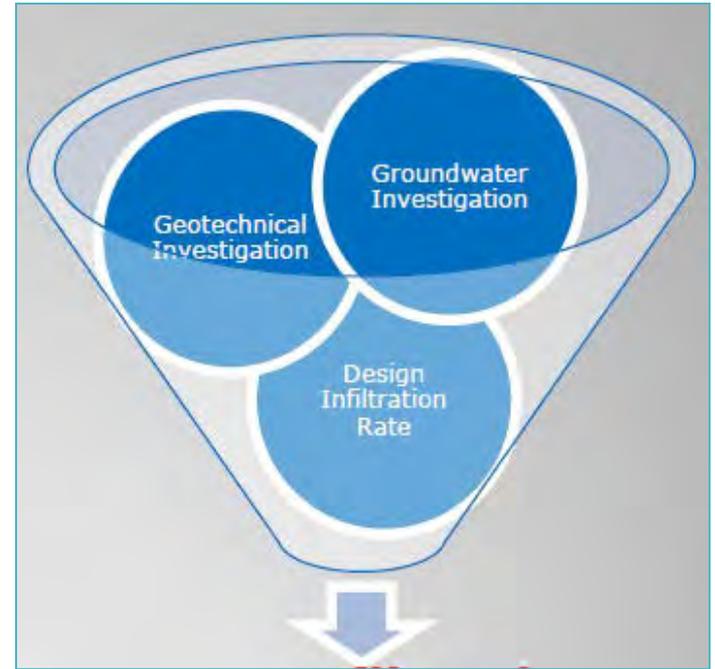


One Possible Alternative - 400 Acre Capture Area



Storm Water Capture & Reuse Project

- Included in 2018-2022 CIP Program
- Funded thru 'Schematic Design'
- Will help further assess:
 - Other BMP alternatives
 - More refined design & layout
 - Phasing scenarios
 - Total cost of ownership estimates
 - ASF/ADP program integration
- Program Definition Document by 2/18





QUESTIONS?



ADP Procurement Update

January 2018 CIPOC Meeting

Dennis Probst

Vice President, Development

Presentation Outline

- Board Objectives
- Conditions of Satisfaction
- Project Delivery Overview
- SAN Specific Considerations
- Critical Considerations for the Implementation Methodology
- Next Steps

ADP Board Objectives

Ground Access

Goal:
Improve access to the Airport and accommodate parking demand & transit facilities that interface with regional systems

Passenger Terminal Facilities

Goal:
Develop passenger terminal facilities to efficiently accommodate future activity levels and maintain high levels of passenger satisfaction that reflects the local feel and uniqueness of San Diego

Airfield/Airspace

Goal:
Plan for an operationally efficient airfield that meets FAA standards

Sustainability

Goal:
Provide a plan that is fiscally and environmentally sustainable

Land Development

Goal:
Optimize the productive use of Airport properties

Social Responsibility

Goal:
Provide a plan that meets the aviation needs of the San Diego region in a socially responsible manner.

SAN & Airline Conditions of Satisfaction for the ADP Program

Pride and Support of
key stakeholders

Seamless from home to
plane for all

Balance best possible
customer experience
with reasonable ROI

Timeless, Adaptable &
Innovative facilities

Airfield capacity &
facility operation are
optimized

Level competitive
playing field & preserve
ability for
differentiation

Minimize impact to
environment &
community

Timely, expedited
delivery through
phasing, innovation,
and shared
understanding of
milestones & budget

Total cost of ownership
built into process

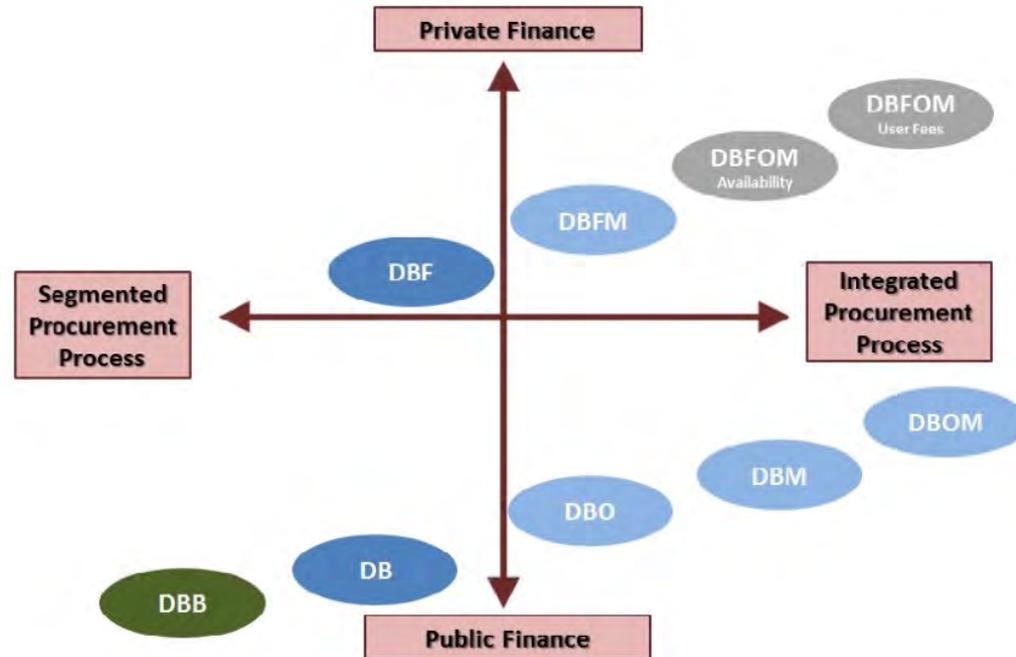
Top priority for Airlines



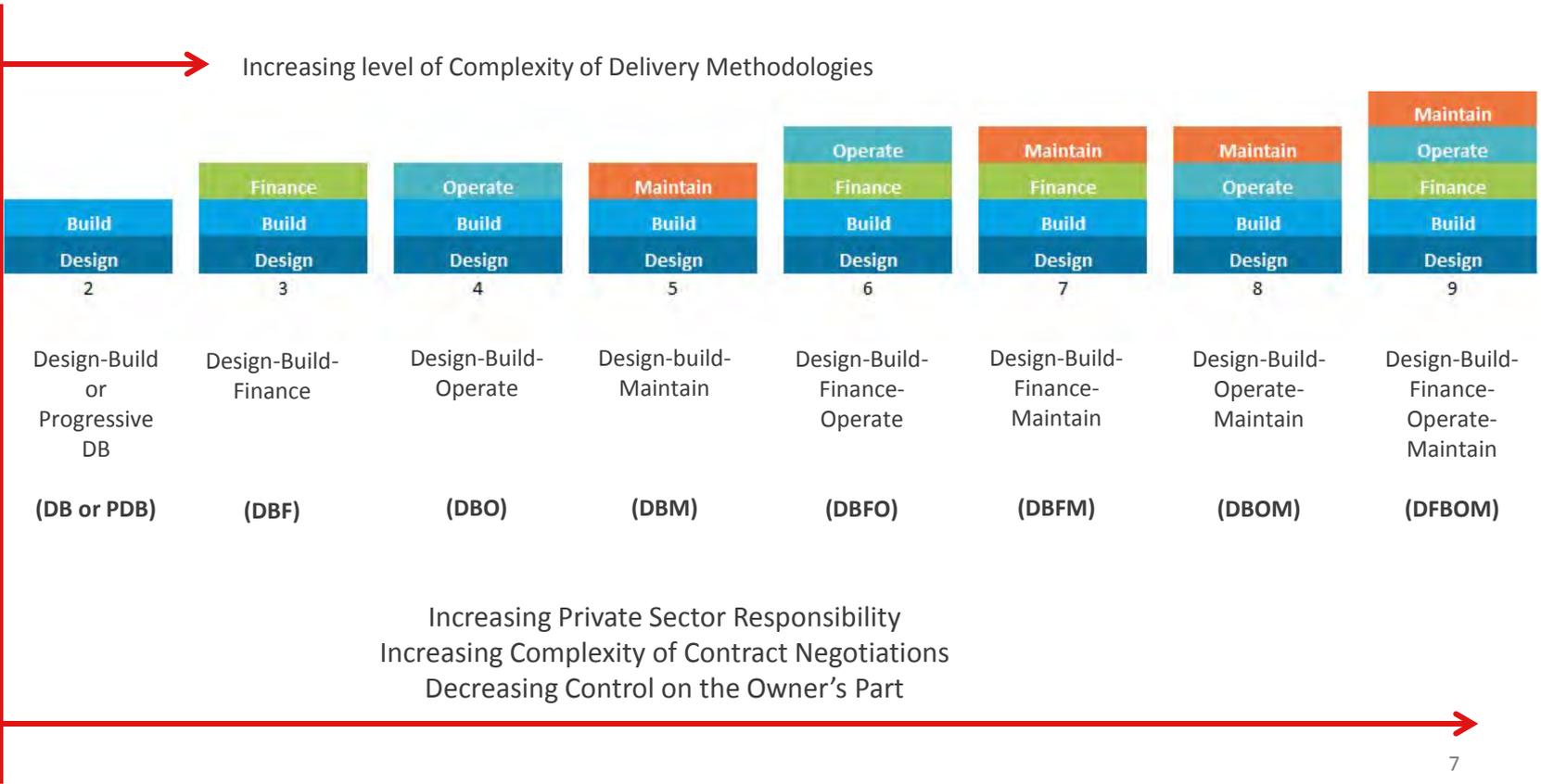
Project Delivery Overview

Project Delivery Overview

- Contracts are differentiated by risk allocation and scope of services:



Project Delivery Building Blocks





SAN Specific Considerations



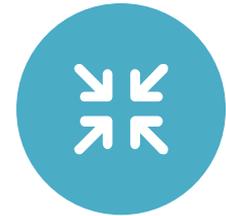
SAN Specific Considerations

- **Key Stakeholders**

- Airlines – negotiation of a new use agreement that financially and operationally supports ADP
- Concessionaires – type, location, combinations and rents
- TSA – coordination of security needs for new terminal
- Ground Transportation Providers
- Airport Authority - work groups and agreements
- San Diego Community

- **Control of the Facility**

- Authority-Operated versus Developer-Operated
 - Competition between Terminals
 - Service standards for all facilities
 - Concessions management and operations issues
 - Long-term maintenance requirements



SAN Specific Considerations

- **Airline Operating and Lease Agreement**

- Terminal Rate Making Methodology
 - Residual vs. compensatory components
 - Separate terminal rental rates vs. a terminal-wide blended rate
- Gate Usage and Assignment
 - Common use vs. Preferential use
 - Responsibility for equipment/technology

- **Funding Options**

- Authority Funded (Cash and Debt supported by Authority Revenue)
- Private Developer funded – recovered via terminal airline rents, concession revenues and other non-aeronautical revenues via a revenue risk structure or availability payments



SAN Specific Considerations

- **Design & Construction**
 - Cost and/or schedule certainty
 - Risk for claims and change orders
 - Accelerated completion
 - Lifecycle cost efficiencies
 - Incentives for quality performance
- **Risk Transfer Considerations**
 - Cost and schedule
 - Passenger Traffic
 - Finance
 - Operational
 - Maintenance



Critical Considerations for the Implementation Methodology

- The need for added gate capacity and the desire to improve/replace Terminal 1 expeditiously suggests that the traditional Design-Bid-Build approach may not be the best.
- The cost of capital for public funding versus private sector funding and the ultimate impact on the lifecycle project cost and the decision on the delivery options need to be evaluated.
- How to best operate and maintain SAN terminal facilities to provide the best customer experience for all those using our facilities and to assist in guaranteeing a level playing field for all SAN tenants.
- A new lease agreement with the various airlines will be required under any circumstance

Next Steps

Updates to Board



Coordination with the Airlines



- Meeting with Airlines
- Continue the Environmental Permitting Process
- Resolve & Recommend the appropriate Delivery Option
- Finalize a Project Budget and Schedule
- Develop a Plan of Finance with the support of a new Airline Lease Agreement
- Next Update to the Board



QUESTIONS?