

# SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY

## Board Members

C. April Boling  
Chairman

Greg Cox  
Mark Kersey  
Robert T. Lloyd  
Paul McNamara  
Paul Robinson  
Johanna Schiavoni  
Michael Schumacher  
Mark B. West

## Ex-Officio Board Members

Gustavo Dallarda  
Col. Charles B. Dockery  
Gayle Miller

## President / CEO

Kimberly J. Becker

## CAPITAL IMPROVEMENT PROGRAM OVERSIGHT COMMITTEE and SPECIAL BOARD MEETING

### AGENDA

January 16, 2020  
11:00 A.M.

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

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 Board Services 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 Board Services/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 Board Services/ 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: Boling, Kersey (Chair), Robinson, Schumacher

**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 Committee.

**NEW BUSINESS:**

1. **APPROVAL OF MINUTES:**  
RECOMMENDATION: Approve the minutes of the October 17, 2019 regular meeting.
2. **AIRPORT DEVELOPMENT PLAN UPDATE:**  
(Development Division: Dennis Probst, Vice President)
3. **CAPITAL IMPROVEMENT PROGRAM UPDATE:**  
(Airport Design & Construction: Bob Bolton, Director)
4. **CONSTRUCTION PROJECTS FINANCE UPDATE:**  
(Airport Finance: Geoff Bryant, Finance & Risk Management Manager)
5. **FUEL FARM EXPANSION PROJECT EIR:**  
(Planning & Environmental Affairs: Ted Anasis, Airport Planning Manager)
6. **SMALL BUSINESS DEVELOPMENT UPDATE:**  
(Small Business Development: Maria Quiroz, Small Business Development Program Manager)

**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 of the agenda 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.
- 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.
- 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](http://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.**

**DRAFT**  
**SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY**  
**CAPITAL IMPROVEMENT PROGRAM OVERSIGHT COMMITTEE**  
**THURSDAY, OCTOBER 17, 2019**  
**BOARD ROOM**

**CALL TO ORDER:** Chair Kersey called the Capital Improvement Program Oversight Committee meeting to order at 10:01 a.m., on Thursday, October 17, 2019, in the Board Room of the San Diego International Airport, Administration Building, 3225 N Harbor Drive, San Diego, CA 92101.

**PLEDGE OF ALLEGIANCE:** Chair Kersey led the Pledge of Allegiance.

**ROLL CALL:**

Present:                      Committee Members:              Boling, Kersey (Chair), Robinson,  
Schumacher

Absent:                        Committee Members:              None

Also Present:                Angela Shafer-Payne, Vice President/COO; Amy Gonzalez, General Counsel; Tony R. Russell, Director, Board Services/Authority Clerk; Martha Morales, Assistant Authority Clerk I

**NON-AGENDA PUBLIC COMMENT:** None.

**NEW BUSINESS:**

**1.      APPROVAL OF MINUTES:**

RECOMMENDATION: Approve the minutes of the August 26, 2019 regular meeting.

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

*Board Member Boling arrived at 10:03 a.m.*

**2.      SUSTAINABILITY MANAGEMENT PLANNING UPDATE: DRAFT ZERO WASTE PLAN AND DRAFT BIODIVERSITY PLAN:**

Chad Reese, Environmental Affairs Manager, Planning & Environmental Affairs; Karilyn Merlos, Senior Environmental Specialist, Planning & Environmental Affairs, provided a presentation on the Draft Zero Waste Plan and Draft Biodiversity Plan that included Sustainability Management Planning, the Zero Waste Plan, Zero Waste Focus Areas and Goals, Zero Waste Potential Strategies, the Biodiversity Plan, Biodiversity Program Goals, Biodiversity Potential Strategies, and Next Steps.

In response to Board Member Boling’s concerns regarding the difference between the term Zero Waste and diversion, in that Zero Waste implies that we are eliminating waste altogether rather than its true meaning of diverting the waste from the landfill, Brendan Reed, Director, Planning and Environmental Affairs, stated that Zero Waste is an industry term but the Authority’s number one goal is to Reduce Waste Generation. He stated that he would clarify goal two to be Diversion/Recycling Goal rather than Zero Waste, as well as change the language to separate the concepts more explicitly.

Board Member Kersey expressed interest in seeing how we can better incentivize the airlines to assist the Authority with its recycling efforts

**3. QUIETER HOME PROGRAM UPDATE:**

Sjohnna Knack, Noise Program Manager, Planning & Environmental Affairs, provided an update on the Quieter Home Program that included the Goal of Treatments, Eligibility Requirements, Program Policies, Treatment Overview for Non-Historic and Historic Homes, Process Overview/Schedule, Typical Homeowner Concerns, Current Boundary Expansion, and Expanding the Program – Non Residential.

**4. CAPITAL IMPROVEMENT PROGRAM UPDATE:**

Bob Bolton, Director, Airport Design & Construction, provided an update on the Capital Improvement Oversight Committee that included the Airport Support Facilities (ASF) Design-Build, FMD Campus, Airline Support Buildings, Strategic Storm Water Master Plan (Phase II), Current Site Issues, One Possible Alternative – 400 Acre Capture Area, and 3MG Storm Water Cistern Project.

**5. CONSTRUCTION PROJECTS FINANCE UPDATE:**

Geoff Bryant, Finance & Risk Management Manager, Airport Finance, provided a Finance Update on the Capital Improvement Program Oversight Committee that included ASF Cost, and ASF Projects.

**6. AIRPORT DEVELOPMENT PLAN UPDATE:**

Dennis Probst, Vice President/CDO, provided an update on the Airport Development Plan (ADP) and Environmental Impact Report (EIR). He stated that the EIR was released September 19 and that the public comment period is scheduled to close November 4. He stated that there are meetings scheduled with our three primary public partners, as they complete their reviews, to ensure there is a clear understanding of the plan.

**COMMITTEE MEMBER COMMENTS:** None.

**ADJOURNMENT:** The meeting was adjourned at 11:15 a.m.

APPROVED BY A MOTION OF THE CAPITAL IMPROVEMENT  
PROGRAM OVERSIGHT COMMITTEE THIS 16TH DAY OF JANUARY,  
2020.

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DENNIS PROBST  
VICE PRESIDENT, DEVELOPMENT

ATTEST:

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TONY R. RUSSELL  
DIRECTOR, BOARD SERVICES/  
AUTHORITY CLERK



**SAN DIEGO**  
INTERNATIONAL AIRPORT  
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# Capital Improvement Oversight Committee

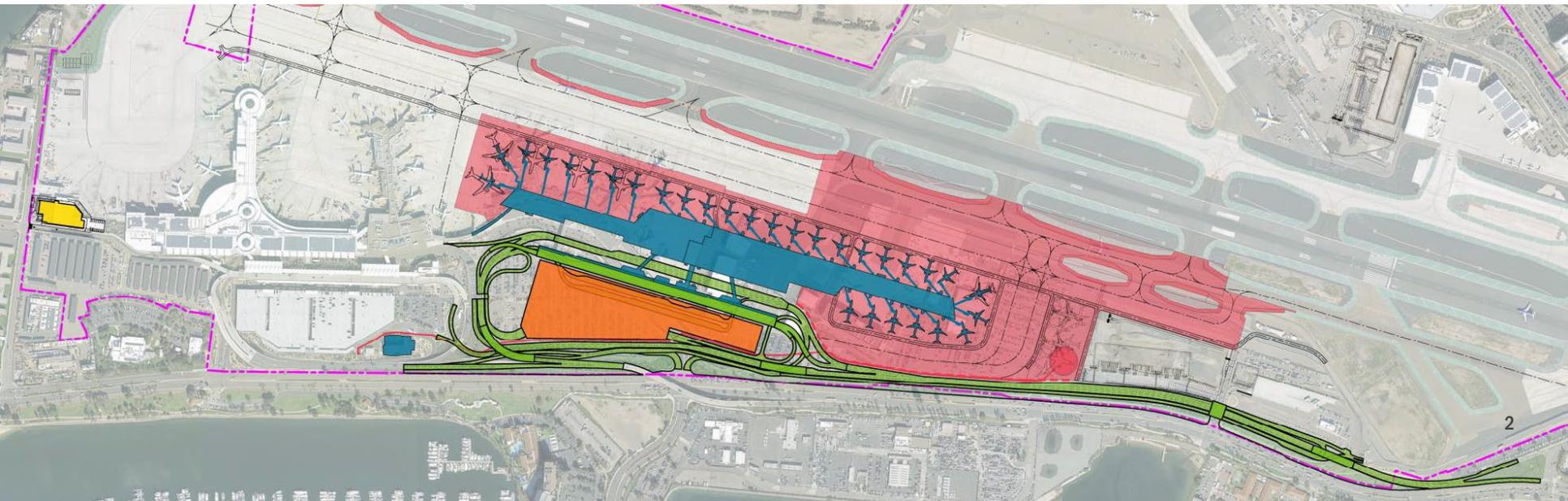
## Airport Development Plan Update

January 16, 2020

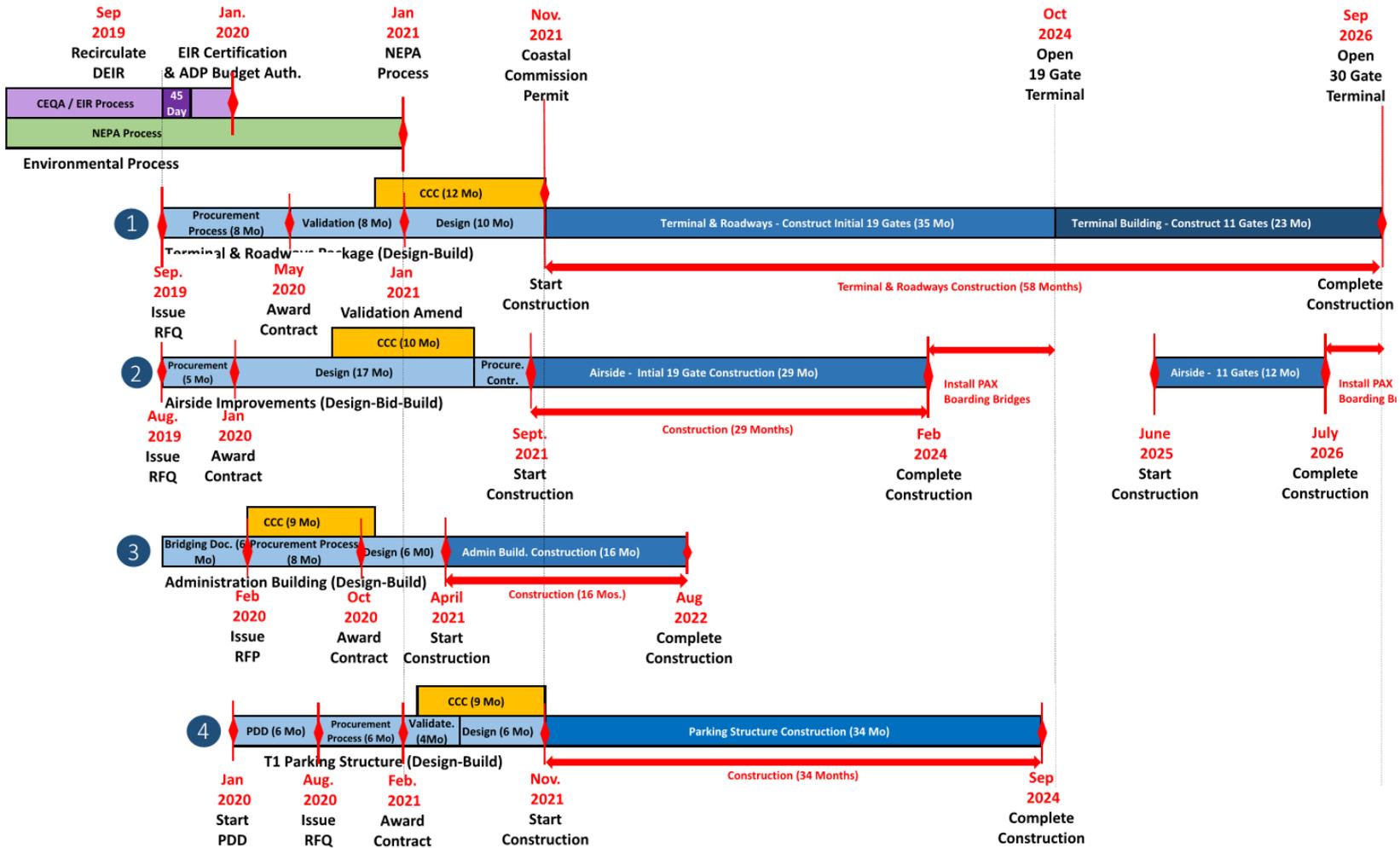
Presented by: Dennis Probst  
Vice President, Development

# Alternative 4 - Overall Project Scope

-  Package 1 – Terminal and Roadways
-  Package 1 (4) – Parking Structure
-  Package 2 – Airside Improvements
-  Package 3 – Administration Building



# ADP Alternative 4 Anticipated Implementation Timeline



# Anticipated Board Actions

Date	Event
February 2020	Fuel Tank EIR Fuel Consortium Agreement
May 2020	Award Terminal & Roadways DB Contract Award Contract to Commissioning Authority
October 2020	Award Admin Building DB Contract
January 2021	Validation Amendment Terminal & Roadways NEPA Completion
September 2021	Award Airfield Construction Contract

A low-angle photograph of a modern airport terminal building. The building features a complex, multi-tiered structure with large concrete overhangs and glass facades. The sky is bright and clear. A teal-colored overlay with a geometric pattern is positioned in the upper left quadrant, containing the text "Questions?".

Questions?

● Ticketing  
U S Airways



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## Capital Improvement Oversight Committee

### Capital Improvement Program Update

January 16, 2020

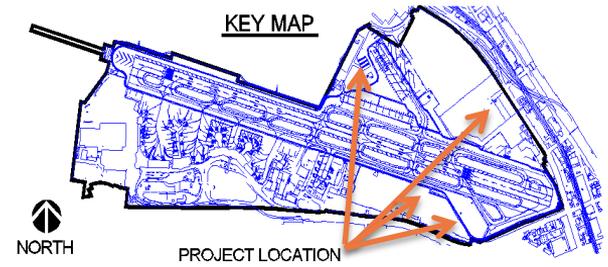
Presented by: Bob Bolton

Director, Airport Design & Construction

# Airport Support Facilities Design-Build

Project Budget: \$171.6 M

Construction Completion Date: December 2020



## Project Scope

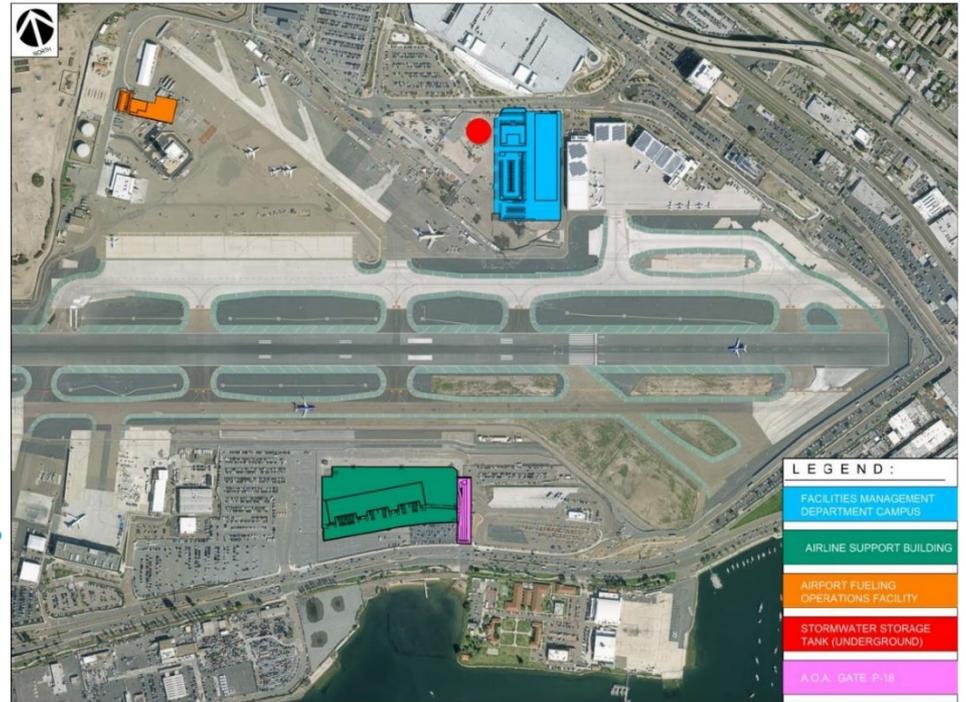
- Relocate Facilities Management Department (FMD) Campus
- Construct Storm Water Capture and Reuse Facilities, including a 3 MG Underground Concrete Storage Tank & Infiltration Basins
- Relocate Airport Fueling Operations (AFO) Facility
- Relocate/Consolidate Airline Belly Cargo, GSE Maintenance and Provisioning Operations (Airline Support Building – ASB)
- Relocate AOA Gate P-18

## Anticipated Major Milestones

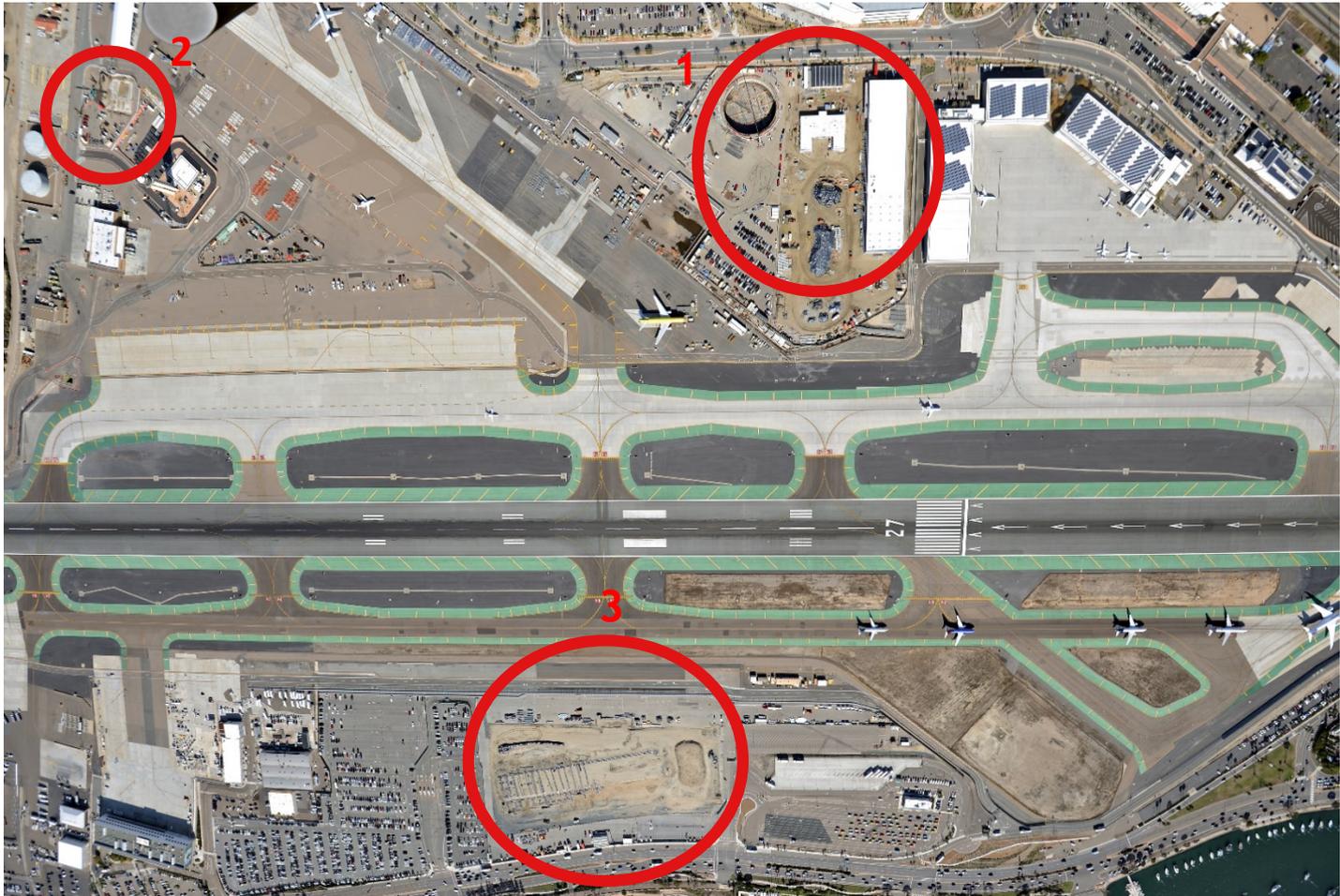
- FMD Buildings – Construction Complete: May 2020
- AFO Building – Construction Complete: August 2020
- Storm Water Tank – Construction Complete : September 2020
- ASB Base Building – Construction Complete: December 2020

## Project Status

- FMD Campus – Foundation work and steel erection is complete, MEP installation and Civil site work underway
- Infiltration basins in area surrounding future ASB – Completed
- Storm Water Storage Tank – Excavation complete, going “vertical”
- AFO – Foundation work complete, vertical construction underway
- ASB underground work is complete, building slab is underway and steel erection will be proceeding shortly



- 1. FMD Campus / Storm Water Storage Tanks
- 2. Airport Fueling Operations
- 3. Airline Support Building



# Facilities Management Department (FMD) Administration Building Entry



# Facilities Management Department (FMD) Warehouse and Maintenance Shops Building



# FMD Campus and Underground Storm Water Cistern Construction Progress



# Facilities Management Department (FMD) Campus Construction Progress



Installation of glazing and canopy framing at FMD Administration Building



Exterior wall panels being put into place at the FMD Shops building

# 3MG Underground Storm Water Cistern Construction Progress

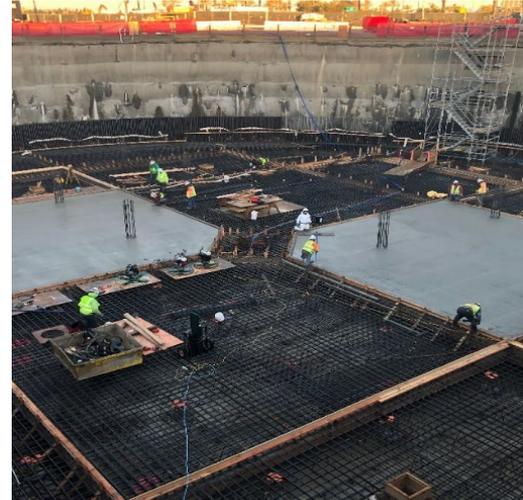


# 3MG Underground Storm Water Cistern Construction Progress



Excavation and Anchor Pile Placement

# 3MG Underground Storm Water Cistern Construction Progress



Liquid nitrogen being injected into concrete mixing trucks on site prior to placement

# Airport Fueling Operations Site



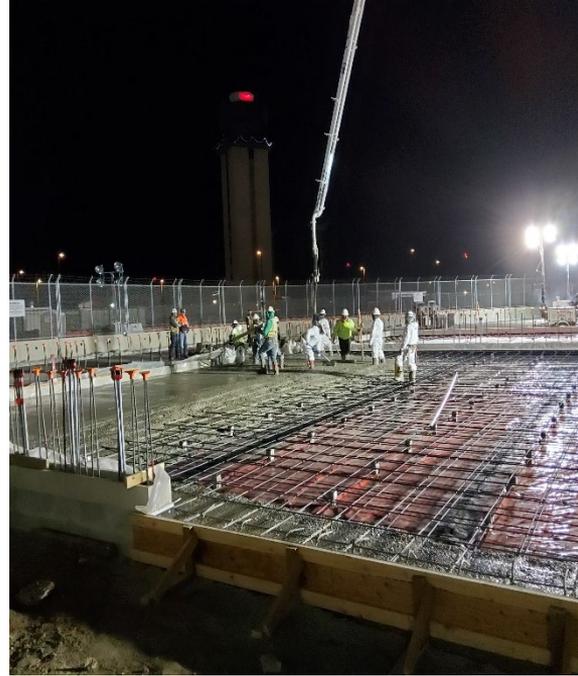
# Airport Fueling Operations (AFO) Facility



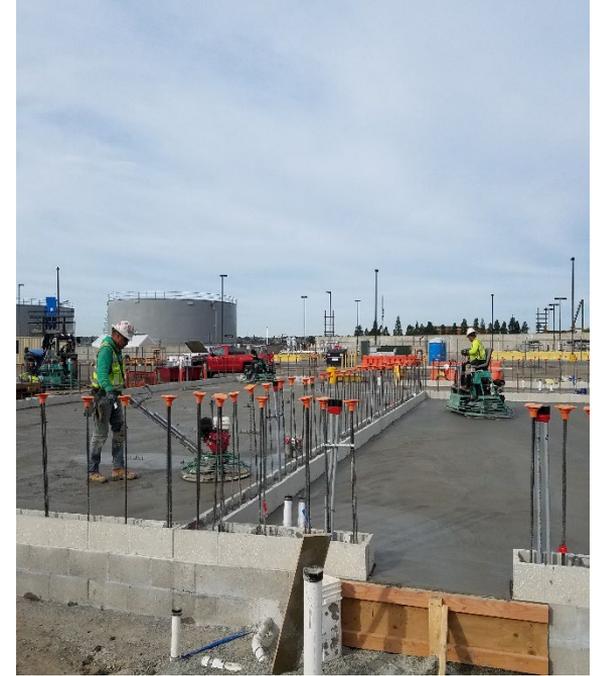
# Airport Fueling Operations (AFO) Facility Construction Progress



First course of CMU block being placed at building perimeter



Placing the reinforced concrete floor slab over the vapor containment barrier



Finishing the floor slab

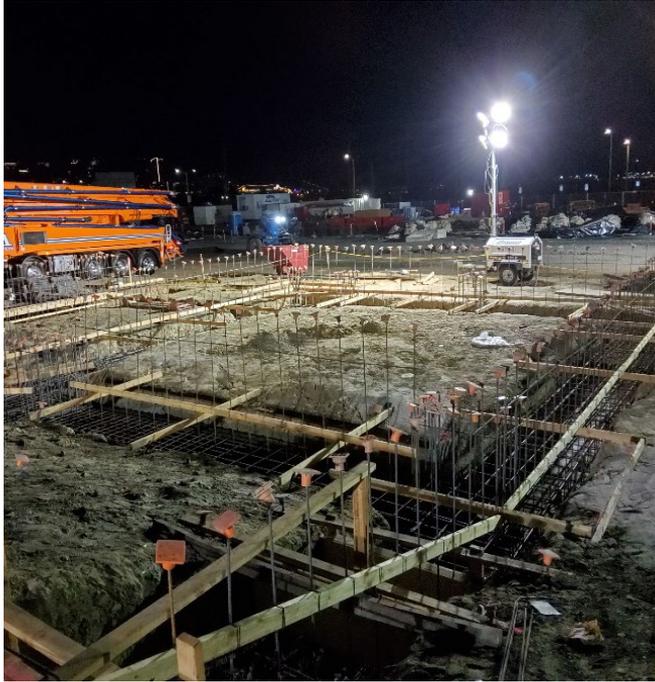
# Airline Support Building Site (ASB)



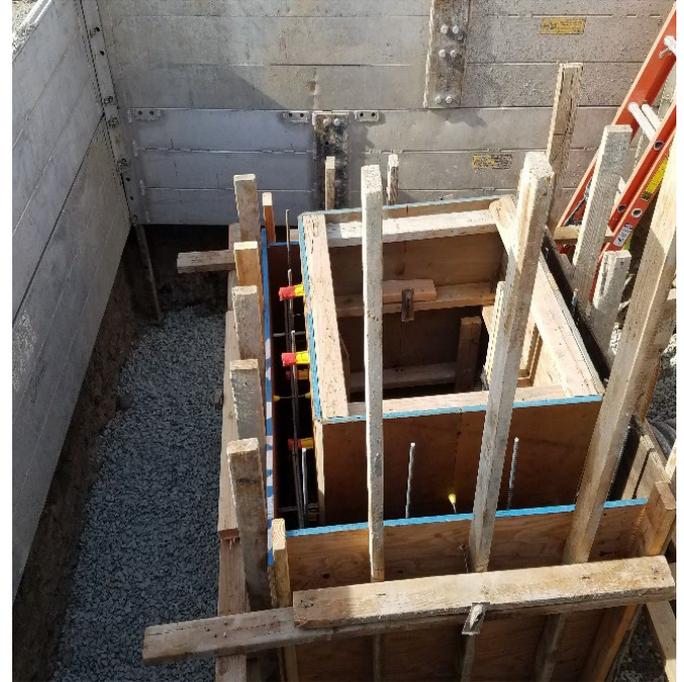
# Airline Support Building (ASB)



# Airline Support Building (ASB) Construction Progress

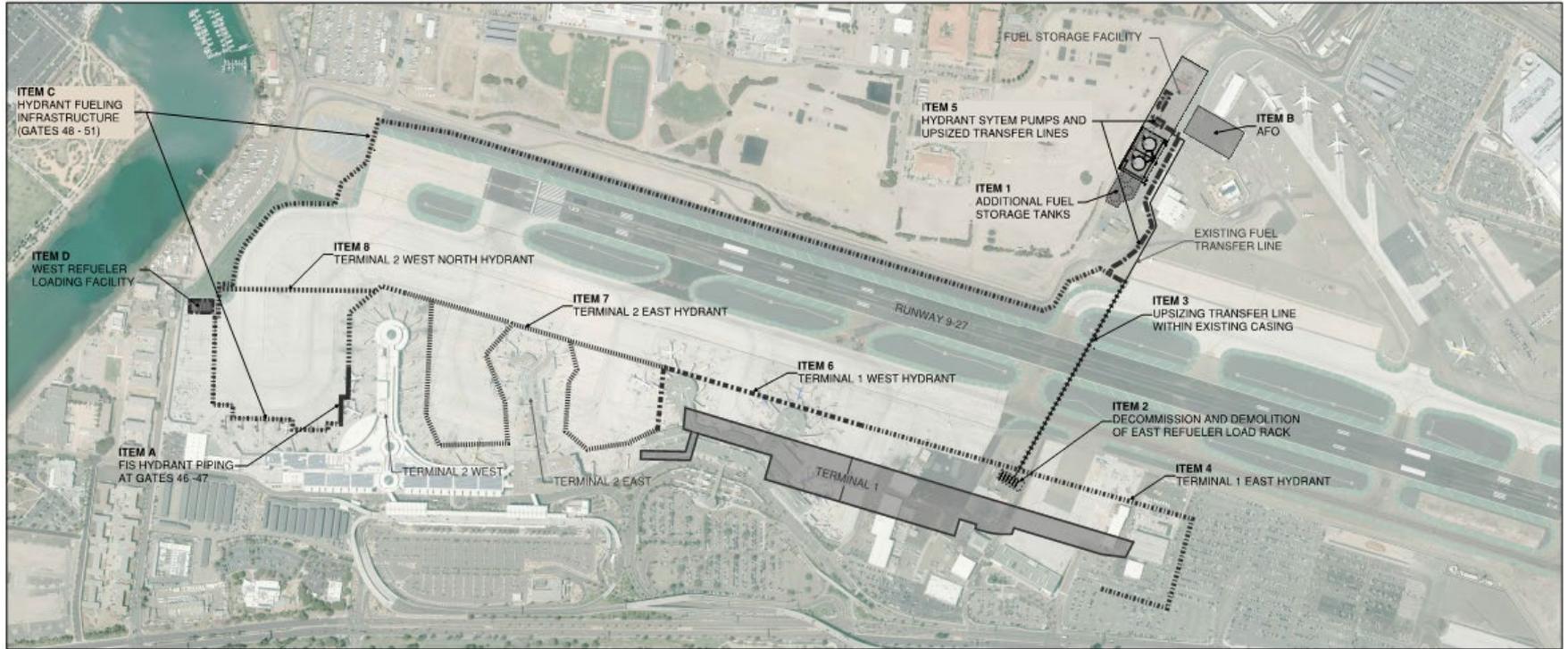


Steel reinforcement being placed before pour of concrete grade beams



Concrete forms in place for one of many drainage structures to be poured at the ASB site

# Hydrant Fueling Program at SAN



**LEGEND:**

- |       |   |       |   |
|-------|---|-------|---|
| ..... | ITEM 1 - ADDITIONAL FUEL STORAGE TANKS                              | ————  | ITEM A - FIS HYDRANT PIPING AT GATES 46 - 47            |
| ..... | ITEM 2 - DECOMMISSION AND DEMOLITION OF EAST REFUELER LOAD RACK     | ————  | ITEM B - AFO  |
| ..... | ITEM 3 - UPSIZING TRANSFER LINE WITHIN EXISTING CASING UNDER RUNWAY | ..... | ITEM C - HYDRANT FUELING INFRASTRUCTURE (GATES 48 - 51) |
| ..... | ITEM 4 - TERMINAL 1 EAST HYDRANT FUEL SYSTEM                        | ..... | ITEM D - WEST REFUELER LOADING FACILITY                 |
| ..... | ITEM 5 - HYDRANT PUMP SYSTEM AND NEW UPSIZED TRANSFER LINES         |       |   |
| ..... | ITEM 6 - TERMINAL 1 WEST HYDRANT FUEL SYSTEM                        |       |   |
| ..... | ITEM 7 - TERMINAL 2 EAST HYDRANT FUEL SYSTEM                        |       |   |
| ..... | ITEM 8 - TERMINAL 2 WEST NORTH HYDRANT FUEL SYSTEM                  |       |   |

Items 1 thru 8 will be implemented by the Airlines. Items A thru D have been/will be implemented by the Airport Authority.



# Hydrant Fueling Infrastructure Project

**Budget: \$50.5 M**

**Completion Date: October 2020**

## Project Scope

- FIS Gates 48 – 51
  - Install fuel transmission & distribution pipelines
  - Install hydrant pit assemblies and associated infrastructure
- Fuel farm to Engineered Material Arresting System (EMAS)
- East of EMAS, crossing south from north of runway to Gates 48 - 51
  - Install fuel transmission pipeline

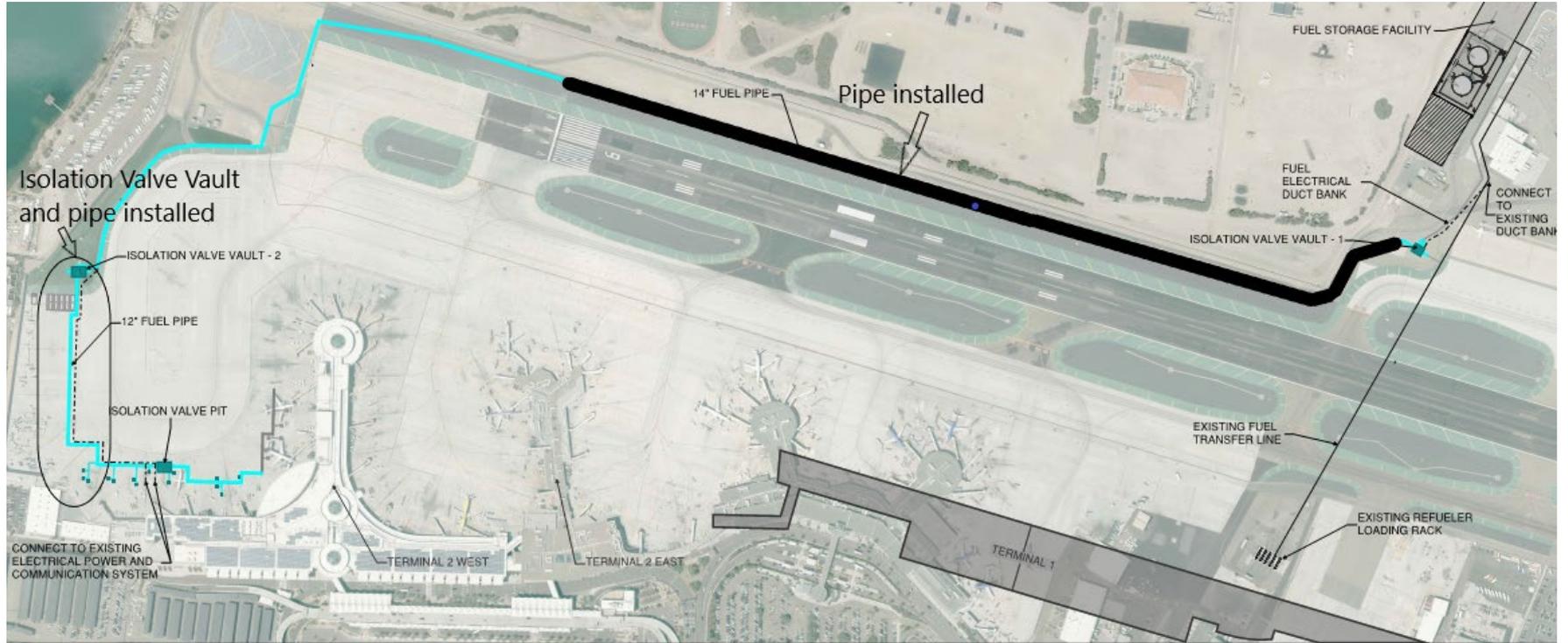
## Major Upcoming Milestones

- Gate 51 Hydrant Fuel Work: Sep 2019 – Apr 2020
- Gates 49 & 50 Hydrant Fuel Work: Apr 2020 – Jul 2020
- Gate 48 Hydrant Fuel Work: Jul 2020 – Oct 2020

## Project Status

- Runway Safety Area (RSA) north of runway – 3600 linear feet of fuel pipeline installed.
- South of runway: 700 linear feet of fuel pipeline installed.

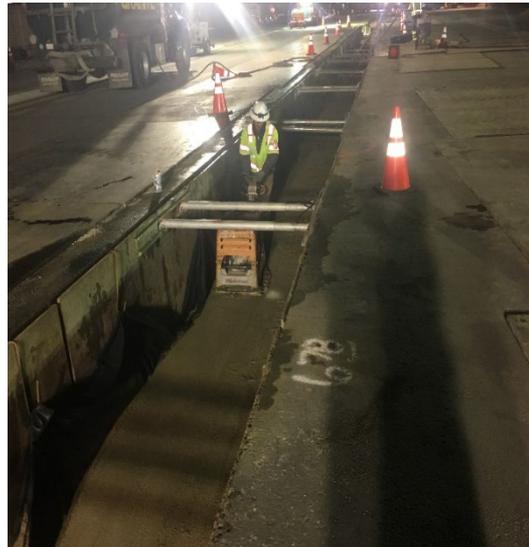
# Hydrant Fueling Infrastructure Project



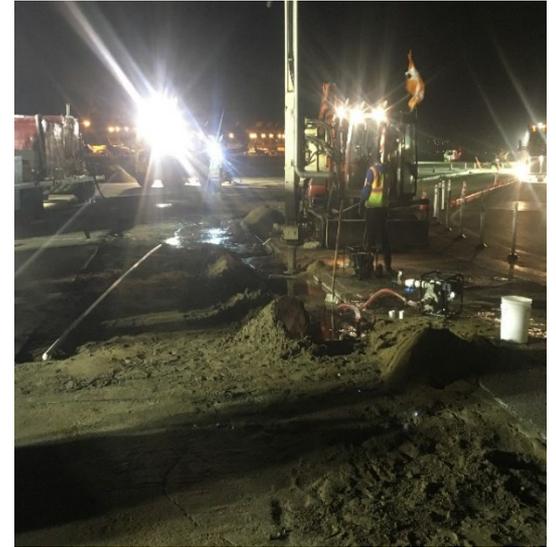
# Hydrant Fueling Infrastructure Project



Isolation Valve Vault 1 (IVV-1)  
Forms



Sand Compacting



Dewatering well install

# Questions?

**Green  
Build  
Terminal 2  
Expansion**  
(2013)



**Parking  
Plaza**  
(May 2018)



**Rental Car  
Center**  
(2016)  
\$302 M



**International  
Arrivals  
Facility**  
(June 2018)



Item 4



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# Capital Improvement Oversight Committee

## Construction Projects Finance Update

January 16, 2020

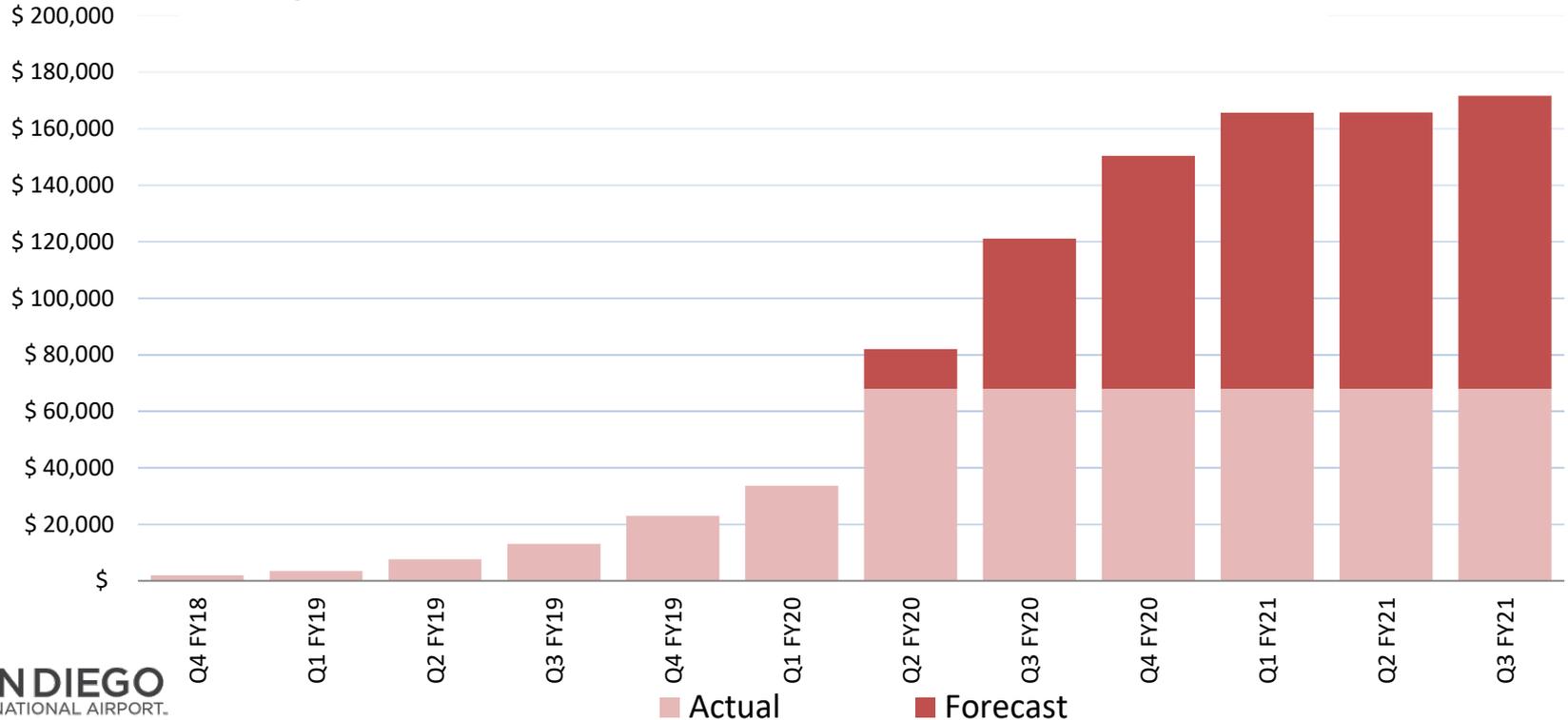
Presented by: Geoff Bryant

Manager, Airport Finance

# Airport Support Facilities (ASF)

(amounts expressed in thousands)

ASF Projects	Approved	Actual	Estimate at	
	Budget	Costs (11/30/19)	Forecast	Completion
	\$ 171,631	\$ 68,016	\$ 103,614	\$ 171,631



# ASF and Fueling Projects

Costs thru November 30, 2019

(\$ in thousands)	Board Approved	Actual Costs	Funding Source
	Budget	Incurred	
104245 ASF- Airport Support Facilities (B-D)	\$ 21,527	\$ 6,466	2019 Bonds / Cash
104245A ASF- Progressive Design Build	\$ 5,746	\$ 5,567	2019 Bonds / Cash
104245B ASF- FMD Facility	\$ 48,009	\$ 23,146	2017 Bonds / 2019 Bonds
104245C ASF- Belly Cargo/Provisioning/GSE	\$ 43,230	\$ 9,729	Cash
104245D ASF- Fueling Operator Facility	\$ 7,050	\$ 2,373	Airline Contribution
104245E ASF- Gate P-18 Relocation	\$ 2,377	\$ 258	2019 Bonds
104245F ASF- Northside Utilities	\$ 6,203	\$ 2,836	2019 Bonds / Cash
104245G ASF- Northside Utility Infrastructure	\$ 37,490	\$ 17,641	2019 Bonds
<b>Sub-Total</b>	<b>\$ 171,631</b>	<b>\$ 68,016</b>	
104249 Hydrant Fueling Infrastructure	\$ 50,456	\$ 22,474	Airline Contribution
412001D Hydrant Fueling FIS Gates 46-47	\$ 5,265	\$ 4,012	Airline Contribution
<b>Sub-Total</b>	<b>\$ 55,721</b>	<b>\$ 26,487</b>	

A low-angle photograph of a modern airport terminal building. The building features a complex, multi-tiered structure with large concrete overhangs and glass facades. The sky is bright and clear. A teal-colored overlay is positioned in the upper left quadrant, containing the word "Questions?" in white, sans-serif font. In the lower left, a sign for "Ticketing" and "U.S. Airways" is visible.

Questions?



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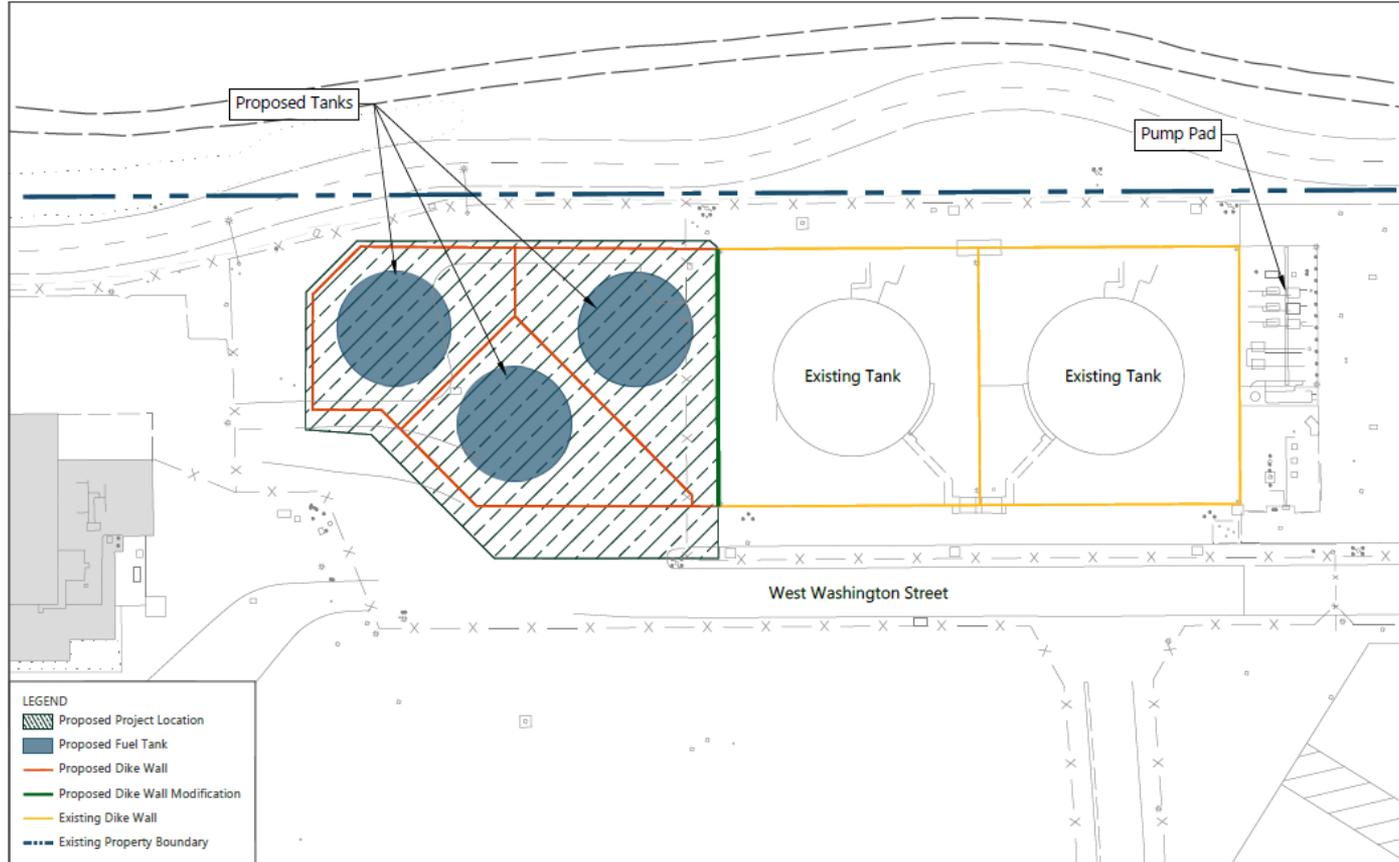
## Capital Improvement Oversight Committee

Fuel Farm Expansion Project -  
EIR

January 16, 2020

Presented by: Ted Anasis  
Manager, Airport Planning

# Project Site Plan



*Project Proponent:* SAN Airlines Fuel Consortium

# Questions?





# Capital Improvement Oversight Committee

## Small Business Development Update

January 16, 2020

Maria A. Quiroz

Acting Manager, Small Business Development



# OVERVIEW

- Federal Inspection System (FIS)
- Airport Support Facilities (ASF)
- Local Business Certification
- Outreach, Education and Training



# Federal Inspection System

PROJECT COMPLETION OVERVIEW	
Turner/PCL Small Business Commitment	20%
Subcontracted to Date	\$134 million
<b>Small Business Attainment to Date</b>	<b>\$35 million (27%)</b>
<b>Small Businesses as Turner/PCL Primes</b>	<b>54%</b>



# Airport Support Facilities

PROJECT OVERVIEW	
SUNDT Small Business Commitment	35%
Subcontracted to Date	\$50 million
<b>Small Business Attainment to Date</b>	<b>\$36 million (24%)</b>



# Local Business Certification Update

- 95 certified local businesses
- Public outreach



## San Diego International Airport LOCAL BUSINESS ENTERPRISE (LBE) CERTIFICATION

The San Diego County Regional Airport Authority (“Authority”) recently launched the Local Business Enterprise (LBE) certification to allow for local business preference in the award of contracts by the Authority. The Authority encourages firms to review the local business criteria and apply for certification. Firms desiring consideration for local business preference must qualify as an LBE prior to solicitation due dates.

### To apply for the LBE certification:

- Go to [www.san.org/smallbusiness](http://www.san.org/smallbusiness);
- Under “Overview” tab, click on “Get Your Local Business Certified” to load “Local Business Enterprise Affidavit Eligibility” Form;
- Download and complete “Local Business Affidavit Eligibility” Form;
- Follow “submission instructions” on page 2 of Affidavit to complete submission of Affidavit and supporting documents.



**NO FEE FOR CERTIFICATION**

If you have questions,  
please contact:

**Small Business Development**  
[LBE@san.org](mailto:LBE@san.org)  
(619) 400-2568

# Outreach, Education & Training



- Two OSHA 30-Hour workshops – 64 attendees
- Turner School of Construction - 69 graduates
- Attended 16 outreach events – 1360 businesses
- Meet the Primes – 455 attendees
- Lunch & Learn for Concessionaires – 36 attendees
- Veterans Appreciation Luncheon – 84 attendees
- Upcoming events:
  1. North County Meet the Primes
  2. Airport Rental Car Supplier Diversity Outreach Event (April 2020)



# Questions

**Contact:**

**Maria A. Quiroz,  
Acting Manager,  
Small Business  
Development**

**[mquiroz@san.org](mailto:mquiroz@san.org)**

**619-400-2571**

