This Agenda contains a brief general description of each item to be considered. If comments are made to the Committee 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.

Copies of written documentation relating to each item of business on the Agenda are on file in the Airport Authority’s office and are available for public inspection.

PLEASE COMPLETE A "REQUEST TO SPEAK" FORM PRIOR TO THE COMMENCEMENT OF THE MEETING AND SUBMIT IT TO THE CLERK OF THE COMMITTEE.

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: Damon Blythe, Jaymie Bradford, Brigette Browning, Nikia Clarke, Melanie Cohn, Seth Cutter, Jo Marie Diamond, Michael DiGirolamo, Oris Dunham (Chair), Jeffrey Gattas, Brian Hilemon, Hany Hong, Col. Carl Huenefeld II, (Ret.), Frederick Ladt, Keith Maddox, John Ohanian, Bill Sandke, Deanna Spehn, Emily Young

CHAIRMAN’S COMMENTS:

NEW BUSINESS:

1. ADP Update
   (Dennis Probst, Vice President, Development)

2. Fuel Farm Expansion Project
   (Ted Anasis, Manager, Airport Planning)

3. Project Update
   (Bob Bolton, Director, Airport Design & Construction)

4. Water Stewardship
   (Richard Gilb, Manager, Environmental Affairs)

NON-AGENDA PUBLIC COMMENT:
Non-Agenda Public Comment is reserved for members of the public wishing to address the Committee on any matter 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 Clerk of the Committee. Each individual speaker is limited to three (3) minutes.

COMMITTEE MEMBER COMMENTS:
Each committee member speaker is limited to five (5) minutes.

ADJOURNMENT:
NOTE: Members of the public wishing to address the Board on Agenda Items must submit a speaker slip to the Clerk of the Committee. When called to speak, please state your name and city of residence for the record. Each speaker is limited to three (3) minutes per Agenda Item.

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.
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

1. **Terminal & Roadway Package (Design-Build)**
   - Sep 2019: Issue RFQ
   - Jan 2020: Procurement Process (8 Mo)
   - May 2020: Design (10 Mo)
   - Validation (8 Mo)
   - Jan 2021: Terminal & Roadways Construction (58 Months)
   - CCC (12 Mo)
   - Terminal & Roadways - Construct Initial 19 Gates (35 Mo)
   - Terminal Building - Construct 11 Gates (23 Mo)

2. **Airside Improvements (Design-Bid-Build)**
   - Aug 2019: Issue RFQ
   - Jan 2020: Procurement Process (8 Mo)
   - Design (17 Mo)
   - CCC (9 Mo)
   - Award Contract
   - Start Construction
   - Airside - Initial 19 Gate Construction (29 Mo)
   - Install PAX Boarding Bridges
   - Construction (29 Months)
   - Feb 2024: Complete Construction
   - June 2025: Start Construction
   - July 2026: Complete Construction

3. **Administration Building (Design-Build)**
   - Feb 2020: Issue RFP
   - Oct 2020: Procurement Process (8 Mo)
   - Design (6 Mo)
   - CCC (9 Mo)
   - Admin Build. Construction (16 Mo)
   - Apr 2021: Start Construction
   - Construction (16 Mos.)
   - Aug 2022: Complete Construction

4. **T1 Parking Structure (Design-Build)**
   - Jan 2020: Start Issue RFQ
   - Aug 2020: Procurement Process (16 Mo)
   - Validate. (6Mo)
   - Design (6 Mo)
   - CCC (9 Mo)
   - Parking Structure Construction (34 Mo)
   - Start Construction
   - Construction (34 Months)
   - Sep 2024: Complete Construction
# Anticipated Board Actions

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>February 2020</td>
<td>Fuel Tank EIR</td>
</tr>
<tr>
<td></td>
<td>Fuel Consortium Agreement</td>
</tr>
<tr>
<td>May 2020</td>
<td>Award Terminal &amp; Roadways DB Contract</td>
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<tr>
<td></td>
<td>Award Contract to Commissioning Authority</td>
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<tr>
<td>October 2020</td>
<td>Award Admin Building DB Contract</td>
</tr>
<tr>
<td>January 2021</td>
<td>Validation Amendment Terminal &amp; Roadways NEPA Completion</td>
</tr>
<tr>
<td>September 2021</td>
<td>Award Airfield Construction Contract</td>
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Questions?
ITEM 2

Fuel Farm Expansion Project
Authority Advisory Committee
February 19, 2020

Ted Anasis
Airport Planning Manager
Busiest Single Runway Airport in US

- 25 Million Passengers in 2019
- 6 Consecutive Years of Record-Breaking Demand

Growing Air Travel Demand

- Increases Regardless of Fuel Storage

Inefficient supply chain

- SDIA is Supplied via Regional Pipeline
- Subject to Service Interruptions and Supply Availability

Insufficient fuel reserves

- SDIA currently has a 2-day supply during peak periods
- Industry Standard is 5-7 Days
Project Objective

Increase fuel storage at the Airport to meet industry fuel reserve standards and to allow for maintenance and repair of fuel storage tanks and the supply pipeline without compromising on-airport refueling service.
Project Site Plan

Project Proponent: SAN Airlines Fuel Consortium

- (3) 58-foot high, 58-foot diameter, 1,146,320-gallon fuel storage tanks
- Associated fuel distribution system elements
- New and upgraded fire suppression elements (containment dike walls, foam makers, monitors, and chamber improvements)
<table>
<thead>
<tr>
<th>Action</th>
<th>Date</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scoping and Notice of Preparation (NOP)</td>
<td>Nov – Dec 2018</td>
<td>- 10 comment letters/oral comments</td>
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<tr>
<td></td>
<td></td>
<td>- Informed analysis and project components</td>
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<tr>
<td>Draft Environmental Impact Report (EIR)</td>
<td>Nov – Dec 2019</td>
<td>- Four comment letters received: one organization and three public members</td>
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<tr>
<td>Responses to Comments / Final EIR available and posted</td>
<td>Jan 27, 2020</td>
<td>- Responses to Comments submitted on Draft EIR; additions and corrections to the Draft EIR</td>
</tr>
<tr>
<td>Certify Final EIR</td>
<td>Feb 6, 2020</td>
<td>- Approved by Authority Board</td>
</tr>
<tr>
<td>Complete NEPA Review &amp; Coastal Development Permitting</td>
<td>Spring – Fall 2020</td>
<td></td>
</tr>
</tbody>
</table>
Questions?
Authority Advisory Committee

Project Update

February 19, 2020
Presented by: Bob Bolton
Director, Airport Design & Construction
Hydrant Fueling Program at SAN

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:  $51.7 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  

**Project Status**
- Runway Safety Area (RSA) north of runway – 3600 linear feet of fuel pipeline installed  
- South of runway:  1000 linear feet of fuel pipeline and three hydrants installed
Hydrant Fueling Infrastructure Project
Hydrant Fueling Infrastructure Project

Welding of the joints

Radiograph testing

Fuel Hydrant Structure at Gate 51
Terminal 2 East Baggage Handling System Improvements
Program Concept & Logistics

**Current Projects**

A. CIP 104235 - Replace Baggage Screening Equipment
   - Project Budget $11.1M
   - Project Replaces Outdated TSA Explosion Detection System (EDS)
   - Throughput Increase from 1050 to 2000 BPH (Bags per Hour)
   - Currently in Construction with Completion in August 2020

B. CIP 104272 - Baggage Handling System Modernization
   - Project Budget $15.9M
   - Project Scope Includes Modernization of the BHS System as Part of 5-years CIP Program
   - Currently in Design Phase with Construction Planned in October 2020 for 9 months
Terminal 2 East Baggage Handling System Improvements
Project: 104235 - Replace Baggage Screening Equipment
Progress Photos

Preassembly of New Conveyor System at Menzies Warehouse

Rigging of first new EDS-9800
Terminal 2 East Baggage Handling System Improvements
Project: 104235 - Replace Baggage Screening Equipment
Progress Photos

New Conveyor System Installation – Security Spur Line 1
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 – Steel erection is complete, Exterior metal panels and glazing nearly complete, MEP installation and Civil site work ongoing
• Storm Water Storage Tank – Excavation complete, hold-down piles and floor slab complete, rebar for tank walls being installed
• AFO – Foundation and CMU complete, roof installation underway
• ASB – piles, foundation and floor slab complete, steel erection started
1. FMD Campus / Storm Water Storage Tanks

2. Airport Fueling Operations

3. Airline Support Building
FMD Campus and Underground Storm Water Cistern Construction Progress
Facilities Management Department (FMD)
Administration Building Entry
Facilities Management Department (FMD)
Warehouse and Maintenance Shops Building
Facilities Management Department (FMD) Campus Construction Progress

Structural steel erection at FMD Shops building nearly complete

Installation of exterior metal panels at FMD Administration Building

Installation of catwalk system on roof of FMD Shops Building
3MG Underground Storm Water Cistern
Construction Progress
3MG Underground Storm Water Cistern Construction Progress

Excavation and Anchor Pile Placement
Liquid nitrogen being injected into concrete mixing trucks on site prior to placement
Ready to pour final section of the floor slab

Work begins on the wall forms prior to concrete pours

Tons (literally) of steel rebar being placed to allow concrete walls to withstand external pressure without cracking
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
Airport Fueling Operations (AFO) Facility Construction Progress

- CMU block placement at AFO admin building nearly complete
- Welding bolting plates for roof of admin building
- Installation of roof structure utilizing bolting plates
Airline Support Building Site (ASB)
Airline Support Building (ASB)
Airline Support Building (ASB) Construction Progress

Steel reinforcement in place for the pour of the floor slab

Concrete being pumped and placed for night time pours of the floor slab

Two 100’ high cranes being utilized to erect steel framing as the ASB
Water Stewardship
Authority Advisory Committee
February 19, 2020

Richard Gilb
Environmental Affairs Manager
Establishes the Authority’s vision for the stewardship of water resources by addressing water conservation, water quality, and flooding risk.
Storm Water Capture & Reuse

Terminal 2 Parking Plaza
- First SW Capture & Reuse System installed at SAN
- 100,000 gallons of storage w/ collected water used at Central Plant
Storm Water Capture & Reuse

Northside Cistern
- 3-million gallons of underground storage
- Collected water will eventually be used for RCC car washes
Storm Water Capture & Reuse

- RCC Car Wash and/or Bioswales Existing Facilities
- Storage "C" Capture Area - 93.9 acres 3.0 MG Underground Storage Tank
- Storage "B" Capture Area - 55.7 acres 3.4 MG Underground Storage Tank Pump to T2PP and CUP and existing Infiltration Beds
- Storage "A" Capture Area - 49.7 acres 3.0 MG Underground Storage Chambers
- Existing Infiltration Beds, 2.65 acres
A/C Condensate Collection

Jet Bridge A/C Units
- Collected water used to power wash sidewalks and clean equipment, and to make...
A/C Condensate Collection

...Beer!
Questions?