

# SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY

## Board Members

C. April Boling  
Chairman

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

## SPECIAL CAPITAL IMPROVEMENT PROGRAM OVERSIGHT COMMITTEE and SPECIAL BOARD MEETING

### AGENDA

Thursday, May 9, 2019  
10:00 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. Charles B. Dockery  
Jacqueline Wong-Hernandez

## 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 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 January 17, 2019 regular meeting.

**2. PROPOSED CAPITAL PROGRAM BUDGET FISCAL YEARS 2020-2024:**

(Airport Design & Construction: Bob Bolton, Director; Finance & Risk Management: John Dillion, Director)

**3. AIRPORT DEVELOPMENT PLAN/ ENVIRONMENTAL IMPACT REPORT UPDATE:**

(Development Division: Dennis Probst, Vice President/CDO; Airport Design & Construction: Bob Bolton, Director; Planning & Environmental Affairs: Brendan Reed, Director)

**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**  
**AND SPECIAL BOARD MEETING**  
**THURSDAY, JANUARY 17, 2019**  
**BOARD ROOM**

**CALL TO ORDER:** Chair Kersey called the Capital Improvement Program Oversight Committee meeting to order at 10:03 a.m., on Thursday, January 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

                                    Board Members:                      Cox

Absent:                      Committee Members:              Schumacher

Also Present:              Kimberly J. Becker, President/CEO; Amy Gonzalez, General Counsel; Martha Morales, Assistant Authority Clerk I; Linda Gehlken, Assistant Authority Clerk I

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

**NEW BUSINESS:**

**1.      APPROVAL OF MINUTES:**

RECOMMENDATION: Approve the minutes of the October 18, 2018 regular meeting.

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

**2.      QUIETER HOME PROGRAM OVERVIEW AND UPDATE:**

Sjohnna Knack, Program Manager QHP, Planning & Environmental Affairs, provided an overview and update on the Quieter Home Program which included Program History, Eligibility Requirements, Treatment Overview, Current Program Status, QHP Project Milestones, Completed Homes Statistics, and What People Are Saying.

**3. CAPITAL PROJECTS UPDATE:**

Bob Bolton, Director, Airport Design & Construction, provided a presentation on the Capital Projects which included Airport Support Facilities Design-Build, Terminal 2 West Federal Inspection Station Buildout, Hydrant Fueling Infrastructure, Airline Relocations and Common Use Passenger Processing System, Rehabilitate Cross Taxiways B1, B4 – B7, C3, C4, and C6, North Side Vehicle Service Road (VSR) Replacement and Stormwater Drainage (SD) Improvements.

In response to Board Member Boling's concerns regarding the traveling public knowing where they are suppose to go during the Airline relocations, Mr. Bolton stated that the Airlines would ensure the correct gate is noted on their passes. He stated that the Authority's Public Relation and Airport Operations departments would be publishing updates on social media, using volunteer ambassadors to answer questions and direct travelers, placing temporary signage and update wayfinding, communicating with Airport staff and Airline employees and adding an extra lane to Security Checkpoint 5.

**4. AIRPORT DEVELOPMENT PLAN/ ENVIRONMENTAL IMPACT REPORT UPDATE:**

Dennis Probst, Vice President/Chief Development Officer, Development Division, provided an update on the Airport Development Plan (ADP) and Environmental Impact Report (EIR). He stated that based on comments received regarding the EIR, a new forecast is being finalized. He also stated that the Harbor Drive Mobility Committee was no longer the driver behind investigations relative to traffic and transit and that it is now being addressed by a subcommittee of SANDAG. He stated that to move forward, a Memorandum of Understanding or Memorandum of Agreement is being developed to have all parties commit to their responsibilities regarding traffic and transit issues. He stated that the EIR will likely be recirculated this Summer and anticipated that it would be brought to the Board in November or December 2019 for approval.

**5. SMALL BUSINESS DEVELOPMENT REPORT:**

Regina Brown, Manager, Small Business Development, provided a presentation on Small Business Development which included Parking Plaza, Federal Inspection Station, Airport Support Facility and Cargo Facts, and Small Business Development Education and Training.

**6. CONSTRUCTION PROJECTS FINANCE UPDATE:**

Geoff Bryant, Airport Finance Manager, Financial & Risk Management, provided an update on Construction Projects Finance which included Federal Inspection Station Cost, Federal Inspection Station Funding Sources, Airport Support Facility Cost, and Other Projects.

**BOARD AND COMMITTEE MEMBER COMMENTS:** None.

**ADJOURNMENT:** The meeting was adjourned at 10:55 a.m.

APPROVED BY A MOTION OF THE CAPITAL IMPROVEMENT PROGRAM  
OVERSIGHT COMMITTEE THIS 9<sup>TH</sup> DAY OF MAY, 2019.

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DENNIS PROBST  
VICE PRESIDENT, DEVELOPMENT

ATTEST:

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MARTHA MORALES  
ASSISTANT AUTHORITY CLERK I

# Proposed Capital Program Budget Fiscal Years 2020-2024

# CIP Project Development Process

- **Annual Validation of Current CIP**

- Revisit the projects for purpose and need
- Review scope, schedule and budget
- Develop projects risk profile: assessment, quantification and mitigation plan
- Prepare recommendations to the Board for any project adjustments

- **New CIP Projects**

- Sponsors submit project requests
- Project is defined – Develop scope, schedule and budget
- Working Group/Technical review - Assessments conducted with sponsors & stakeholders, financial business case, risk/alternatives identification, planning & environmental impacts, capitalization & O&M costs
- Results presented to CIP Review Group – Directors of Planning, Finance & Development
- Recommendations are made for prioritization to the Executive staff



# CIP Project Development Process

- **Change in capital support budget methodology**
  - **Budget for the over all program**
- **Executive staff reviews and approves proposed CIP budget to be taken to the Board**
- **Proposed CIP presented to Airlines for input and feedback**
- **Board reviews and approves Capital Program budget**

# Capital Program Overview

- 5 Year Program
- Reviewed by the Capital Improvement Program Oversight committee (CIPOC)
- Approved by the Board Annually
- Managed by the Executive Leadership Team – CEO & Vice Presidents
- **Current FY2019 Total Capital Program – 90 projects – \$1.103 Billion**
  - Capital Improvement Program (CIP) – \$746 Million
  - Terminal 2 West FIS Build-out – \$229.5 Million
  - Terminal 2 Parking Plaza - \$127.8 Million

# Current Capital Program – Project Status

Project Location	Planning	Design	Construction	Closeout/Closed	Program*	Total
Airside	13	3	4	3	-	<b>23</b>
Terminal	3	8	6	7	-	<b>24</b>
Landside/Ancillary	8	7	5	11	-	<b>31</b>
Administrative	2	-	5	3	2	<b>12</b>
<b>Total</b>	<b>26</b>	<b>18</b>	<b>20</b>	<b>24</b>	<b>2*</b>	<b>90</b>

\* Public Art Allowance and Capital Project Allowance

# Current FY2019 - 2023 Capital Program – Budget by Location

Project Location	# Projects	Program Budgets by Location
Airside	23	\$ 315,832,272
Terminal	24	383,590,122
Landside/Ancillary	31	297,088,971
Administrative	<u>12</u>	<u>106,729,950</u>
<b>Totals</b>	<b>90</b>	<b>\$ <u>1,103,241,315</u></b>

# Current FY2019 - 2023 Capital Program – Project Closeouts/Eliminations/Adjustments

Project Closeouts (22)	\$ (100,064,620)
Projects Eliminated (2)	(17,089,200)
Project Adjustments (38)	9,904,292
Terminal 2 Parking Plaza	<u>(127,800,000)</u>
<b>Total FY2019 Closeouts/Eliminations/Adj.</b>	<b>\$ <u>(235,049,528)</u></b>

# Capital Program Budget Summary

FY 2019 - 2023 Beginning Capital Budget	\$ 745,967,101
Terminal 2 Parking Plaza	127,800,000
Terminal 2 West FIS Build-out	<u>229,474,214</u>
<b>Total FY 2019 - 2023 Beginning Capital Program Budget</b>	<b>\$ 1,103,241,315</b>
FY 2019 - 2023 Project Closeouts/Eliminations/Adjustments	\$ <u>(235,049,528)</u>
<b>FY 2019 - 2023 Ending Capital Program Balance</b>	<b>\$ 868,191,787</b>



# Proposed New Projects

# Prioritization Criteria

1	Required for Part 139 or other regulatory compliance
2	Maintain core building systems - IT, Fire/Life/Safety, MEP
3	Maintain airport access roadways and parking infrastructure
4	Enhancement to customer service, revenue generation, cost savings
5	Enhancements to systems or facilities not required by regulation



# Stormwater Infiltration Beds - Southside



Airport southside location



Example of an Infiltration Bed

# Stormwater Infiltration Beds - Southside

## Scope:

- Address heavy metal pollutants in storm water runoff from runway
- Improve Airport's resilience to SLR-induced storm drain backflow conditions
- Install 3M gallon infiltration bed under Oval S-3 to reduce direct discharge to bay
- Expected Start Date: January 2020

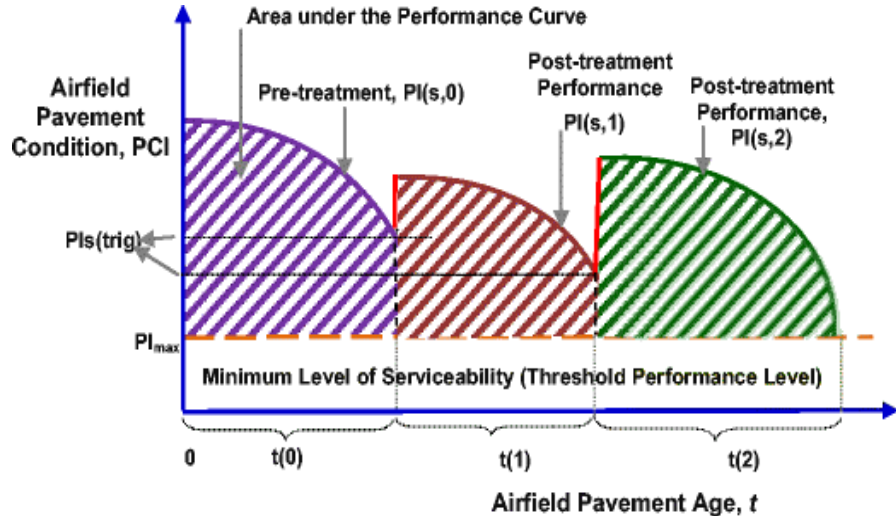
## Strategies:

- Operations
- Community

Priority 1	Required for Part 139 or other regulatory compliance
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Sponsor	Estimated Cost	Duration
Brendan Reed	\$19,585,000	22 months

# Airfield Pavement Management Program



Example of Pavement Condition Curve

# Airfield Pavement Management Program

## Scope:

- Update pavement management program in accordance with FAA requirements
- Evaluate condition of taxiways, apron, roadway and parking pavements
- Expected Start Date: July 2019

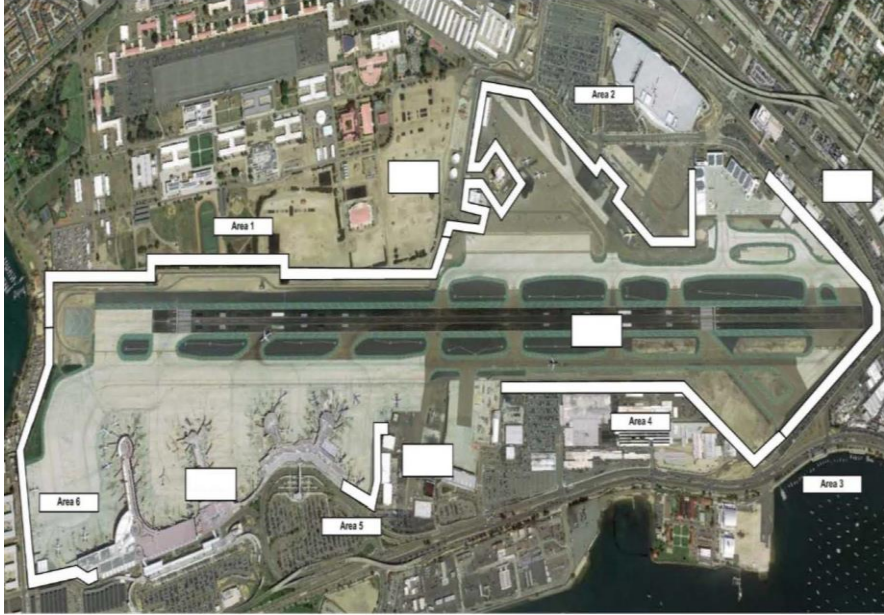
## Strategies:

- Financial
- Customer
- Operations

Priority 1	Required for Part 139 or other regulatory compliance
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Sponsor	Estimated Cost	Duration
Dean Robbins	\$750,000	12 months

# Perimeter Security Fencing/Perimeter Intrusion Detection System Replacement



Airport Perimeter



Example of Perimeter Fencing

# Perimeter Security Fencing/Perimeter Intrusion Detection System (PIDS) Replacement

## Scope:

- Replace perimeter security fence with improved anti-climb, closed lattice design
- Reclaim distance of approximately 6 ft. around Airport by eliminating double-fencing
- Install modern PIDS – Fiber-Optic Type with video analytics (current system 2005)
- Decrease future installation and maintenance costs
- Expected Start Date: January 2023

## Strategies:

- Customer
- Operations

**Priority 5**

Enhancements to systems or facilities not required by regulation

Sponsor	Estimated Cost	Duration
Clint Welch	\$18,000,000	24 months

# CUP Cooling Tower Capacity Increase



Airport CUP Location



Example of Cooling Tower

# CUP Cooling Tower Capacity Increase

## Scope:

- Increase current capacity from 5,000 tons to 6,250 tons
- Increase energy efficiency and resiliency of the condenser water system
- Enable evaluation of future needs of HVAC operation within ADP design
- Maintain HVAC system capacity in terminals for customer/tenant comfort
- Expected Start Date: October 2019

## Strategies:

- Customer
- Operations

Priority 2	Maintain core building systems - IT, Fire/Life/Safety, MEP
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Sponsor	Estimated Cost	Duration
David LaGuardia	\$5,136,000	24 months



# Replace Baggage Handling System & Makeup Units in T2E



Airport Location



Example of Baggage Handling System

# Replace Baggage Handling System & Makeup Units in T2E

## Scope:

- Complete assessment of entire T2E BHS and BMUs
- Complete cost estimate for replacement or refurbishment of systems
- Modernize switchboards/abandoned FIS feed, retrofit variable frequency drives, etc.
- Expected Start Date: July 2019

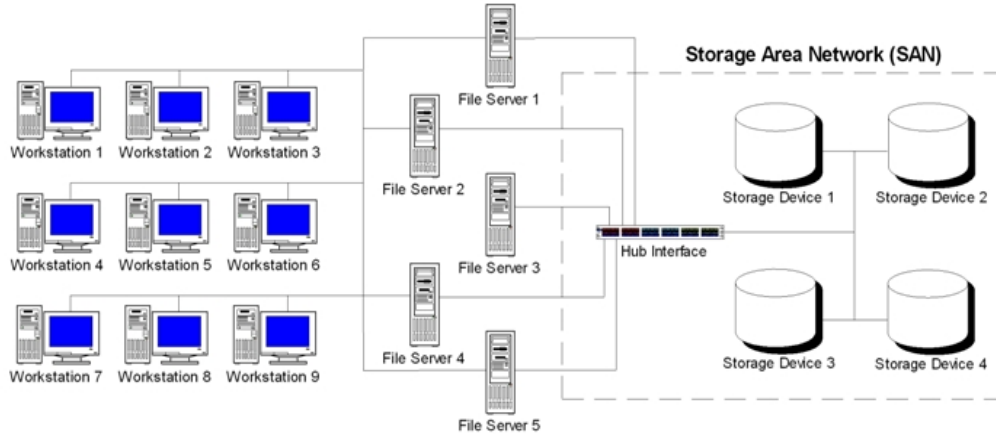
## Strategies:

- Customer
- Operations

Priority 2	Maintain core building systems - IT, Fire/Life/Safety, MEP
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Sponsor	Estimated Cost	Duration
Jeff Rasor	\$15,946,000	38 months

# Server and Storage Hardware Refresh



Examples of Server & Storage Hardware/System

# Server and Storage Hardware Refresh

## Scope:

- Provide Common Use passenger processing airport-wide
- Includes FIDS, GIDS, CUPPS, CUSS, IDA, agent workstations, directories, etc.
- Coordinating current technology with new Terminal 1 replacement & future technologies
- Expected Start Date: January 2020 (3 year upgrade)

## Strategies:

- Customer
- Operations

Priority 2	Maintain core building systems - IT, Fire/Life/Safety, MEP
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Sponsor	Estimated Cost	Duration
Jessica Bishop	\$1,225,000	36 months

# Replace Existing Sidewalk T2E Phases 2-4



Airport Location



Existing Sidewalk at T2E

# Replace Existing Sidewalk T2E – Phases 2-4

## Scope:

- Demolish and replace existing concrete
- Remove/replace existing electrical/communication conduits & install new LED in-pavement lighting and outlets
- Improve customer experience on sidewalks
- Expected Start Date: July 2019

## Strategies:

- Customer
- Operations

Priority 4	Enhancement to customer service, revenue generation, cost savings
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Sponsor	Estimated Cost	Duration
Marc Nichols	\$3,542,000	21 months

# Rehabilitate Apron Pavement



**PROPOSED REHABILITATION  
OF APRON PAVEMENT**

# Rehabilitate Apron Pavement

## Scope:

- Perform detailed assessment of approximately 2.3M sf of existing pavement & PCC joints
- Repair corner spalls, cracks and joint sealing
- Replace panels where necessary and marking in repair areas
- Expected Start Date: October 2019

## Strategies:

- Customer
- Operations

Priority 1	Required for Part 139 or other regulatory compliance
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Sponsor	Estimated Cost	Duration
Dean Robbins	\$10,945,096	31 months



# Skidata Parking Revenue Control System



Airport Locations



Example of a Revenue Control System

# Skidata Parking Revenue Control System

## Scope:

- Integrate parking data management systems across parking areas
- Provide for better analytics capabilities to maximize revenues
- Improve functionality, convenience and customer service
- Expected Start Date: September 2019

## Strategies:

- Financial
- Operations

Priority 4	Enhancement to customer service, revenue generation, cost savings
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Sponsor	Estimated Cost	Duration
Marc Nichols	\$3,815,000	15 months

# Proposed New FY2020-2024 CIP Projects

	Description	Expected Start Date	Estimated Budget
1)	Stormwater Infiltration Beds - Southside	Jan 2020	\$ 19,585,000
2)	Airfield Pavement Management Program	July 2019	750,000
3)	Perimeter Security Fencing/Perimeter Intrusion Detection System Replacement	Jan 2023	18,000,000
4)	CUP Cooling Tower Capacity Increase	Oct 2019	5,136,000
5)	Replace Baggage Handling System & Makeup Units in T2E	July 2019	15,946,000

# Proposed New FY2020-2024 CIP Projects

	Description	Expected Start Date	Estimated Budget
6)	Server and Storage Hardware Refresh	Jan 2020	\$ 1,225,000
7)	Replace Existing Sidewalk T2E – Phases 2-4	July 2019	3,542,000
8)	Rehabilitate Apron Pavement	Oct 2019	10,945,096
9)	Skidata Parking Revenue Control System	Sept 2019	3,815,000
<b>Total FY2020-2024 Proposed New Capital Projects</b>			<b><u>\$ 78,944,096</u></b>

# Proposed FY2020-2024 Capital Project Adjustments/ Allowances

	Description	Current Budget	Additional Budget	Proposed Budget
1)	ADP Phase 1 Programmatic Documents	18,367,424	2,982,576	21,350,000
2)	ZEV – Acquire Electric Buses	1,710,000	270,000	1,980,000
3)	Public Art Allowance (FY2020-2024)	2,141,096	59,941	2,201,037
4)	Capital Project Allowance (FY2020)	-	<u>5,000,000</u>	5,000,000
<b>Total Proposed Current CIP Project Adj./Allowances</b>			<b>8,312,517</b>	
<b>Total Proposed FY2020-2024 New Capital Projects</b>			<b><u>78,944,096</u></b>	
<b>Total FY 2020-2024 Proposed New CIP Projects &amp; Allowance</b>			<b>\$ <u>87,256,613</u></b>	

# Capital Program Budget Summary

FY 2019 - 2023 Beginning Capital Budget \$ 745,967,101

Terminal 2 Parking Plaza 127,800,000

Terminal 2 West FIS Build-out 229,474,214

**Total FY 2019 - 2023 Beginning Capital Program Budget \$ 1,103,241,315**

FY 2019 - 2023 Project Closeouts/Eliminations/Adjustments \$ (235,049,528)

**FY 2019 - 2023 Ending Capital Program Balance \$ 868,191,787**

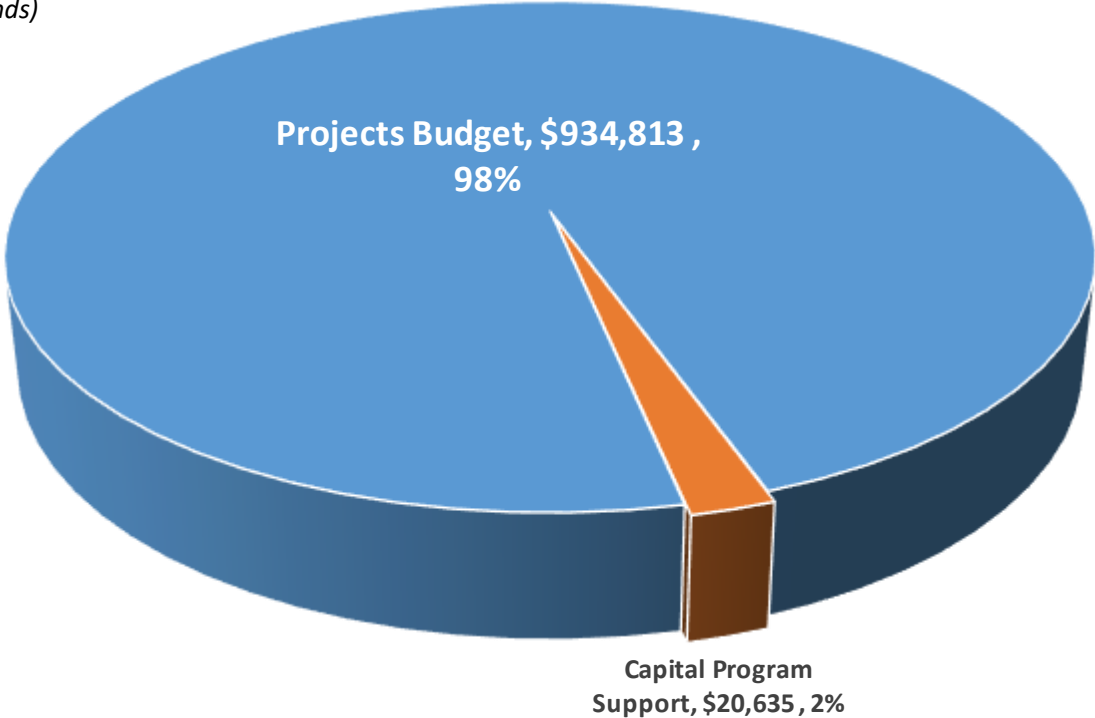
Proposed FY 2020 - 2024 Capital Projects/Allowances \$ 87,256,613 \*

**Proposed FY 2020 - 2024 Capital Program Budget \$ 955,448,400**

\* Pending Board approval

# Capital Program Budget Summary

*(in thousands)*



**Total Capital Program Budget \$955,448**

# Proposed FY2020 - 2024 Capital Program – Remaining Budget by Phase

Project Phase	Budget	Cost to Date *	Budget Remaining
Pre-Construction	\$ 311,838,491	\$ 39,024,884	\$ 272,813,607
Construction	134,583,882	62,761,892	71,821,990
Closeout	<u>20,664,500</u>	<u>19,313,615</u>	<u>1,350,885</u>
<b>Subtotal CIP</b>	<b>\$ 467,086,873</b>	<b>\$ 121,100,391</b>	<b>\$ 345,986,482</b>
New CIP	87,256,613	0	87,256,613
Airport Support Facilities	171,630,700	37,444,517	134,186,183
FIS	<u>229,474,214</u>	<u>200,805,191</u>	<u>28,669,023</u>
<b>Totals</b>	<b>\$ 955,448,400</b>	<b>\$ 359,350,099</b>	<b>\$ 596,098,301</b>

\* Estimated costs as of 6/30/19



# Current/Proposed Capital Program – Project Locations

Capital Program Budget:

\$1,103,241,315

\$955,448,400

Project Location	FY2019-2023	FY2020-2024
Airside	23	25
Terminal	24	23
Landside/Ancillary	31	23
Administrative	<u>12</u>	<u>9</u>
<b>Totals</b>	<b>90</b>	<b>80</b>

QUESTIONS?

# **ITEM 3**

## **AIRPORT DEVELOPMENT PLAN / ENVIRONMENTAL IMPACT REPORT UPDATE**

**THERE ARE NO MATERIALS AVAILABLE  
AT THIS TIME**