

SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY

SPECIAL BOARD and CAPITAL IMPROVEMENT PROGRAM OVERSIGHT COMMITTEE MEETING AGENDA

Thursday, April 28, 2016
9:00 A.M.

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

Board Members

Robert H. Gleason
Board Chair

David Alvarez
C. April Boling
Greg Cox
Jim Desmond
Lloyd B. Hubbs
Jim Janney
Paul Robinson
Mary Sessom

Ex-Officio Board Members

Laurie Berman
Eraina Ortega
Col. Jason G. Woodworth

President / CEO

Thella F. Bowens

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: Alvarez, Gleason, Hubbs (Chair), Janney, 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 January 28, 2016 regular meeting.

2. TERMINAL 2 PARKING PLAZA UPDATE:

(Airport Design & Construction: Bob Bolton, Director)

3. TERMINAL 2 PARKING PLAZA PUBLIC OUTREACH UPDATE:

(Vision, Voice & Engagement: Diana Lucero, Director)

4. RENTAL CAR CENTER FINANCE UPDATE:

(Airport Finance: Geoff Bryant, Business & Financial Manager)

BOARD BUSINESS:

5. BUDGET WORKSHOP – FISCAL YEAR 2017-2021 CAPITAL PROGRAM:

(Development Division: Jeffrey Woodson, Vice President)

NON-AGENDA PUBLIC COMMENT:

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 Administration Building. Bring your ticket to the third floor receptionist for validation.

You may also reach the 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>
July 14	Thursday	9:00 A.M.	Regular	Board Room

DRAFT
**SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY
CAPITAL IMPROVEMENT PROGRAM OVERSIGHT COMMITTEE
AND SPECIAL BOARD MEETING MINUTES
THURSDAY, JANUARY 28, 2016
SAN DIEGO INTERNATIONAL AIRPORT
BOARD ROOM**

CALL TO ORDER:

Vice-Chair Alvarez called the regular meeting of the Capital Improvement Program Oversight Committee and regular Board Meeting to order at 9:03 a.m., Thursday, January 28, 2016, in the Board Room of the San Diego International Airport, SDCRAA Administration Building (formerly the Commuter Terminal), 3225 N. Harbor Drive, San Diego, CA 92101.

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

ROLL CALL:

Present: Committee Members: Alvarez, Boling, Gleason, Robinson

 Board Members: Janney

Absent: Committee Members: Hubbs

Also Present: Thella F. Bowens, President/CEO; Amy Gonzalez, Senior Director, General Counsel; Tony R. Russell, Director, Corporate and Information Governance/Authority Clerk; Dawn D'Acquisto, Assistant Authority Clerk I

NON-AGENDA PUBLIC COMMENT: None

NEW BUSINESS

1. APPROVAL OF MINUTES:

RECOMMENDATION: Approve the minutes of the October 22, 2015 regular meeting.

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

- 2. WATER STEWARDSHIP PLAN:**
Brendan Reed, Program Manager, Environmental Affairs, provided a presentation on the Water Stewardship Plan, which included the Vision, Objectives, and Goals, Relationship to ADP, Sustainability Planning, and Supporting Projects, Interdepartmental Collaboration and Stakeholder Engagement, Plan Implementation, and Next Steps.

- 3. NORTHSIDE DEVELOPMENT PROGRAM UPDATE:**
Keith Wilschetz, Director, Airport Planning & Noise Mitigation, provided a presentation on the Northside Development Program, which included Key Project Milestones, Harbor Drive Improvements, RCC Wayfinding Signage, North Side Additional Landscape, RCC Bus Parking Facility, Taxi Hold Lot, RCC Bus Notification System, Palm Street Observation Area, and North Side Bypass Taxiway.

- 4. RENTAL CAR CENTER UPDATE:**
Bob Bolton, Director, Airport Design & Construction, provided a presentation on the Rental Car Center, which included Schedule and Construction Update, Finished Interiors and Exteriors, Public Art, Environmental Features, Commissioning and Activation, Budget Update and Small Business.

- 5. PHOTOVOLTAIC UPDATE:**
Bob Bolton, Director, Airport Design & Construction, provided a presentation on the Photovoltaic, which included Terminal 2 West Progress, North Side Update, Photovoltaic Monitoring, and Benefits.

Board Member Alvarez stated that this a good start and that there is more that can be done. He stated that the Authority should look into ways to communicate our efforts publically.

Chair Gleason concurred and stated that now might be a good time to tell our story.

- 6. TERMINAL 2 PARKING PLAZA UPDATE:**
Bob Bolton, Director, Airport Design & Construction, provided a presentation on the Terminal 2 Parking Plaza, which included Project Milestones, Coastal Commission, Unique Features, Public Art, Small Business Development, and Next Steps.

- 7. FINANCIAL UPDATE:**
Geoff Bryant, Manager, Airport Finance, provided a presentation on the Rental Car Center Financial Update.

Board Member Gleason left the meeting at 10:17 a.m.

NON-AGENDA PUBLIC COMMENT: None

COMMITTEE MEMBER COMMENTS: None

ADJOURNMENT: The meeting was adjourned at 10:27 a.m.

APPROVED BY A MOTION OF THE CAPITAL IMPROVEMENT PROGRAM
OVERSIGHT COMMITTEE THIS 28TH DAY OF APRIL, 2016.

JEFFREY WOODSON
VICE PRESIDENT, DEVELOPMENT

ATTEST:

TONY R. RUSSELL
DIRECTOR, CORPORATE &
INFORMATION GOVERNANCE/
AUTHORITY CLERK



Capital Improvement Program Oversight Committee

Terminal 2 Parking Plaza
Update

April 28, 2016

Presented by:
Bob Bolton
Director, Airport Design & Construction



Presentation Topics

Terminal 2 Parking Plaza

Key Project Milestones

Project Site & Phasing

Unique Features

Program Evolution

Program Budget / Metrics

Small / Local Business Participation

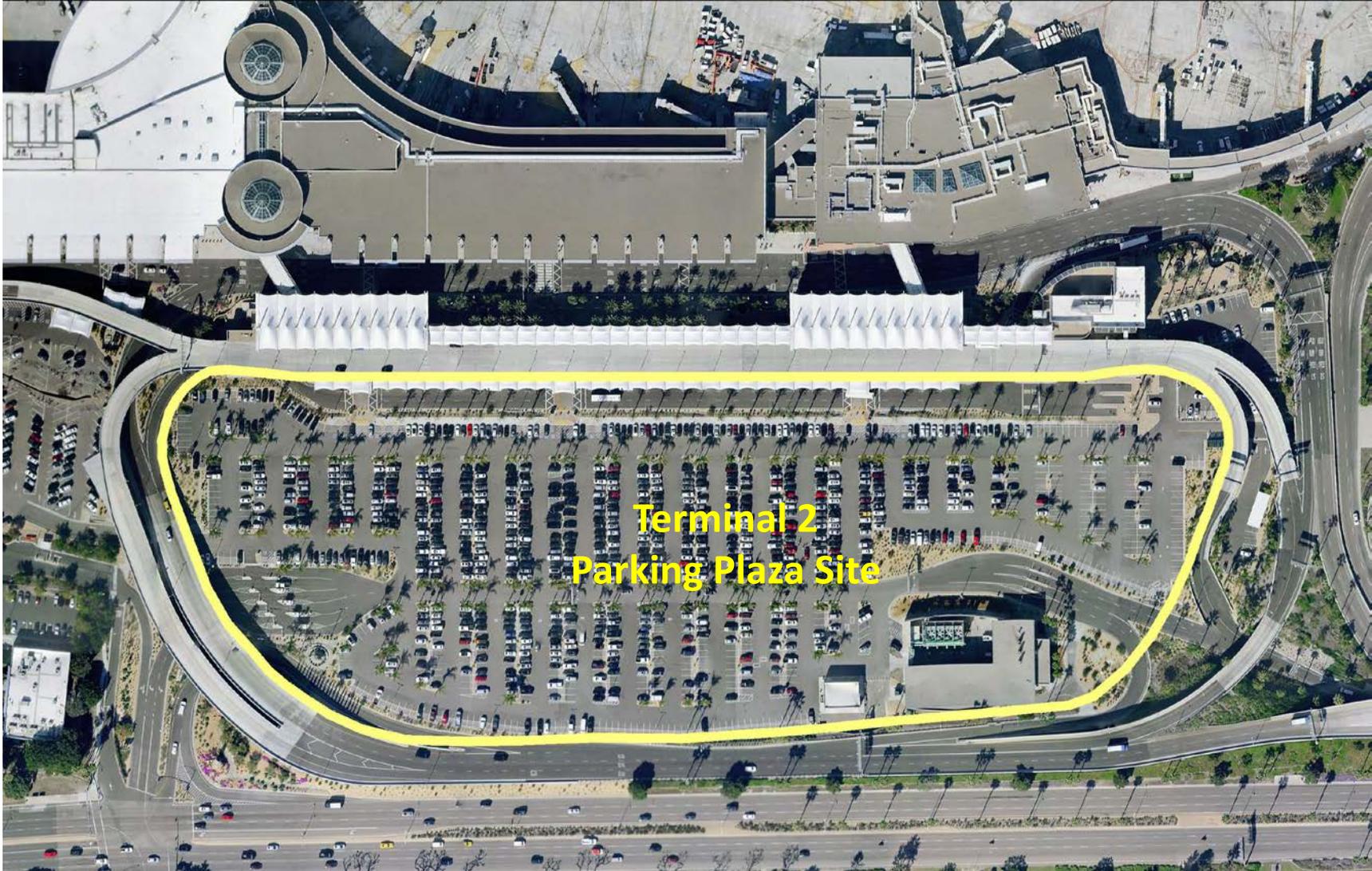
Financial Update

Next Steps & Board Actions

Key Project Milestones

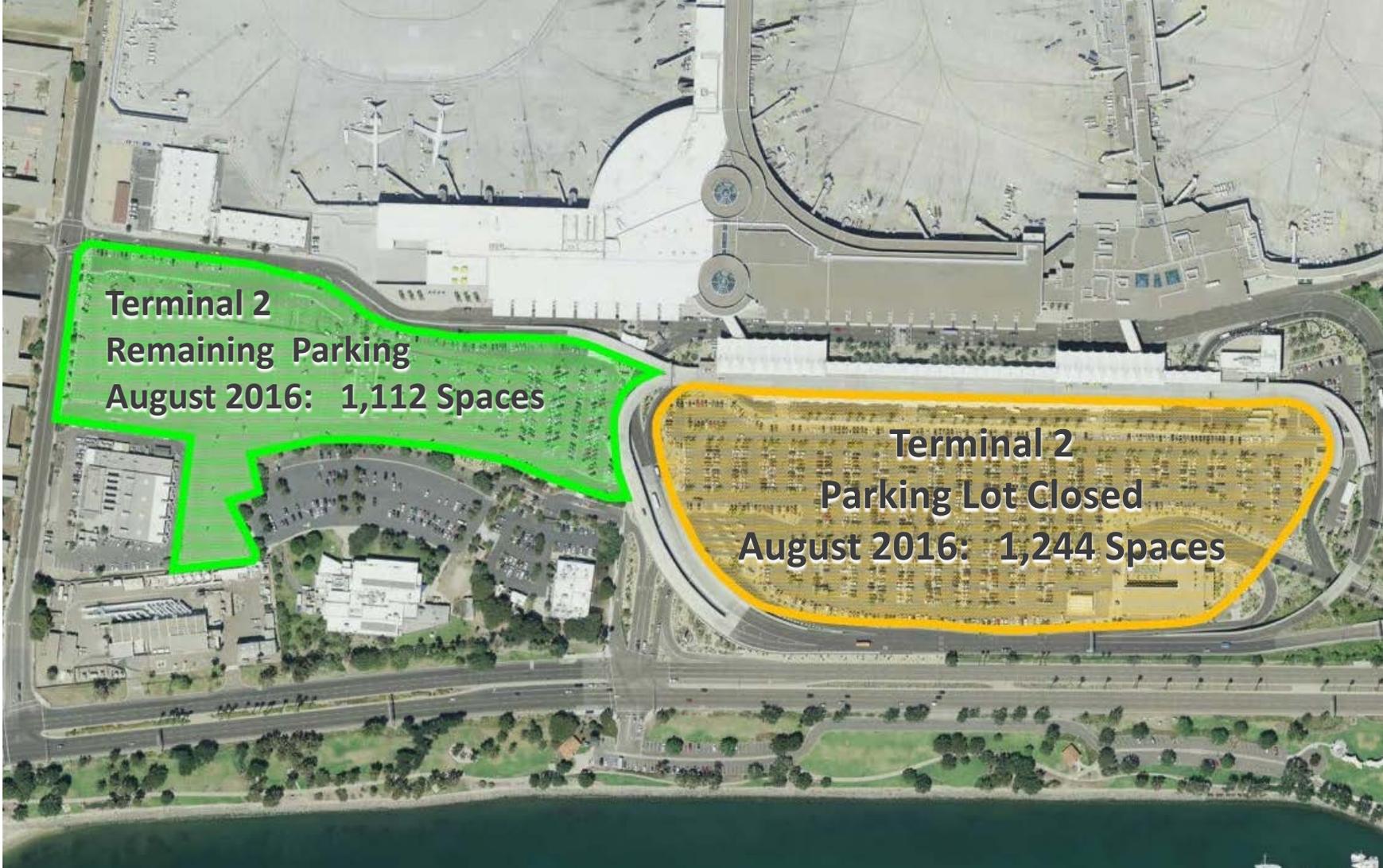
Anticipated Milestone Events	Planned Dates
Schematic Design Completion	May 09, 2016
Enabling Work	May 2016 - Sep 2016
Request Board Approval of Full Program Budget & Maximum Project Budget for Design-Builder	May 19, 2016
Coastal Development Permit to be Issued	July 2016
T2 Parking Lot Closure Start	August 01, 2016
Construction Start	September 2016
Construction Completion	May 2018
Parking Plaza Operational	Mid to End of May 2018

Parking Plaza Site



Terminal 2
Parking Plaza Site

T2 Close-in Parking



**Terminal 2
Remaining Parking
August 2016: 1,112 Spaces**

**Terminal 2
Parking Lot Closed
August 2016: 1,244 Spaces**

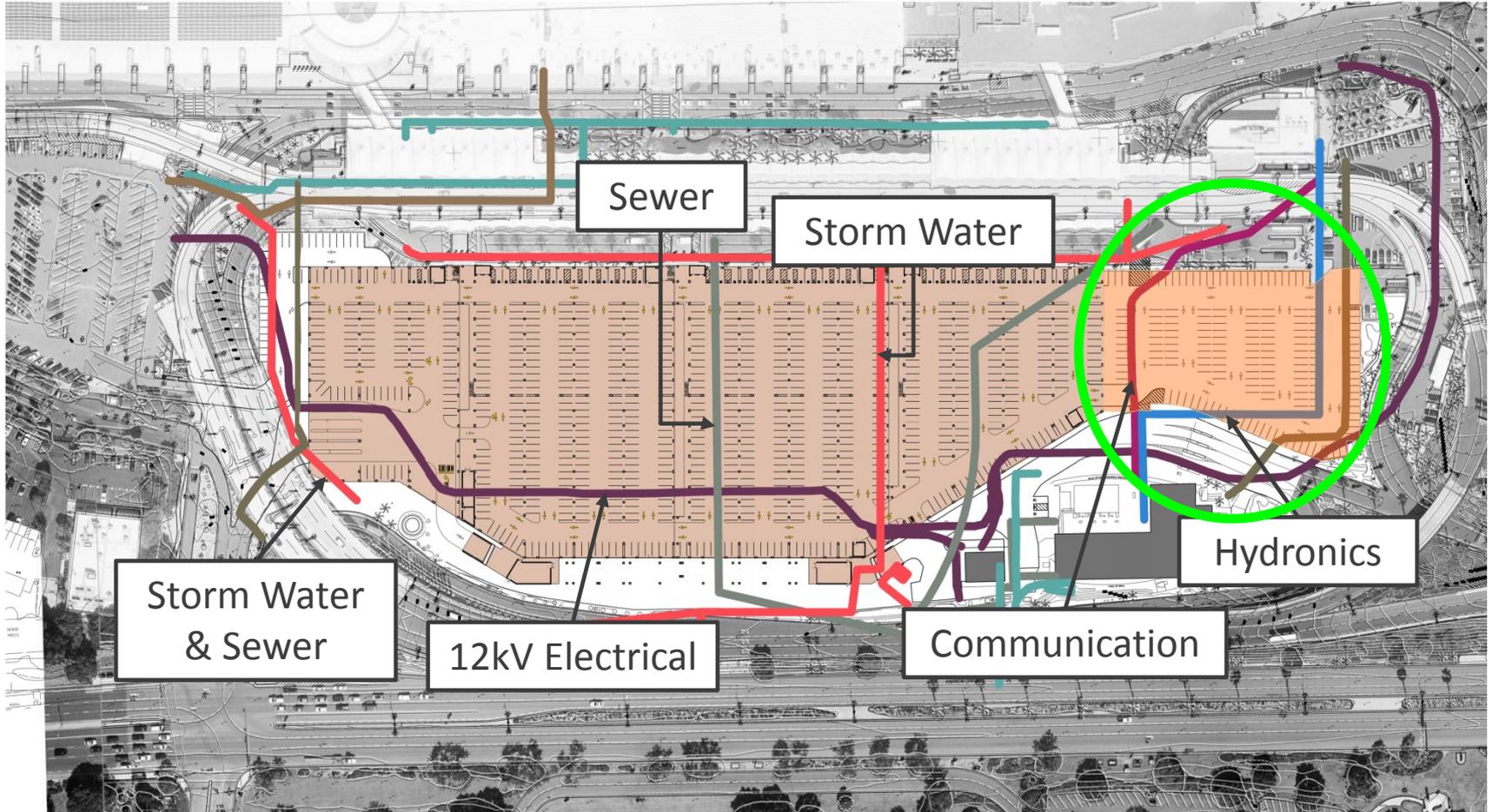
T2 Close-in Parking



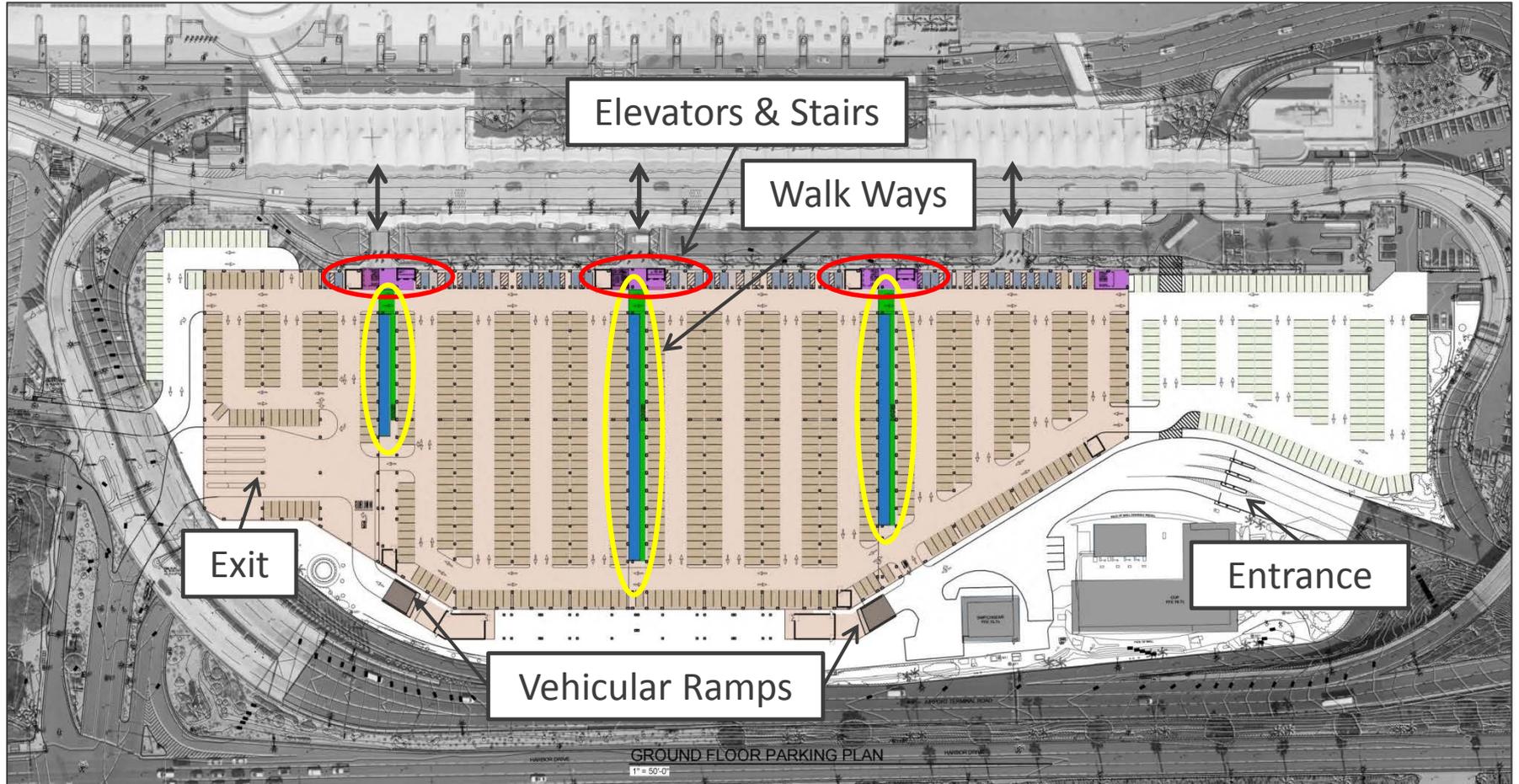
**Terminal 2
Surface Parking
May 2018: 1,112 Spaces**

**Terminal 2
Parking Plaza Open
May 2018: 2,901 Spaces**

Parking Plaza - Existing Utilities



Parking Plaza - 2901 Parking Stalls





Walkways & Open Stairs in the Light Wells



Parking Access & Revenue Control System



Parking Guidance System

Unique Features

View from Elevated Road



Unique Features - Glass Elevators

Harbor Drive View



Unique Features - Landscaping & Balcony

Parking Plaza - North Elevation



2 Public Art Opportunities



3 Elevator Lobbies



3 Light Wells

Program Evolution

- Basis for Preliminary \$82 Million Program Budget:
 - Budget Based on 2009 Green Build Cost Metrics
 - Favorable construction period
 - As part of larger program
 - Construction team already onsite
 - Basic Parking Structure
 - Assumed Construction Cost: \$20,000 / Parking Space
 - Customer service technology has advanced
 - Site impacts were not fully evaluated
 - Enabling works were not included
 - Pre-dates Programming Effort Completed in 2015

Program Evolution

- Design Builder Selected – September 2015
 - Preliminary Program and Budget Were Evaluated
- Program Validation Phase – Oct. 2015 to Feb. 2016
 - Included Preliminary Design Effort
 - Construction Industry Input
 - Specific Site Investigation Effort
- Maximum Project Budget Developed – March 2016
 - Independent Cost Estimate by the Authority
 - Allocated Budget for Risk Mitigation

Program Evolution - Cost Refinements

- Changes to Preliminary Program Budget
 - Market Escalation: Since Budget was set in 2009
 - Forecast Continuing Market Escalation
 - Less Competitive Bidding Environment
- Technology
 - Advanced Parking Access and Revenue Control System
 - Advanced Parking Guidance System (PGS)
 - Public Wi-Fi System

Program Evolution - Cost Refinements

- Soil Conditions/Liquefaction – Deep Foundations
- Environmental Mitigation – Contaminated Soil (Not Uniform)
- Seismic Zone – Enhanced Structure
- Utilities Relocation
- Reconfiguration of Adjacent Parking Lot
- Multiple Elevator Lobbies
- Light Wells
- Safety by Design
- Compliance With New Storm Water Permit

Validated Program Budget

Description	Validated Program Budget
Design Builder's Construction Budget	\$ 89,900,000
Design Builder's Design Budget	\$ 9,900,000
Design Builder's Maximum Project Budget and Design Build Contract Value	\$ 99,800,000
Public Art Budget	\$ 1,700,000
Airport: PM/CM, Insurance & Permit Fees	\$ 19,300,000
Subtotal – Validated Budget	\$ 120,800,000
Program Contingency (5.8%)	\$ 7,000,000
Program Budget	\$ 127,800,000

Parking Structure

Construction Cost Comparison (Benchmark)

Costs have been adjusted for escalation and location factors

Does not include cost of enabling work, utilities relocation and soft costs (industry standard)

Construction Cost Comparison	Status	Number of Stalls	Cost per Stall
Wichita (ICT)	Open May 2015	1600	\$ 28,812
SAN Parking Plaza	Design	2901	\$ 29,689
Austin Bergstrom Int. Airport (AUS)	Planning	5000	\$ 29,822
San Francisco (SFO)	Design	3600	\$ 30,397

Parking Structure Comparative Metrics

Airport Parking Structures In Past 2 Years	Range	SAN
Design Cost (10.5%)	\$5M to \$13M	\$9.1M
Construction Cost (Adjusted for Escalation and Location)	\$46M to \$182M	\$86.1M*
Square Foot/Parking Stall	326 to 420 sft	338 sft
Cost/Square Foot	\$80 to \$96	\$94.30

* \$86.1M Parking Plaza + \$3.8M enabling & utilities relocation = Total of \$89.9M
DB's Construction Budget

Local & Small Business Participation

(Dollars Awarded)

Overall	Dollars
Total Dollars Awarded to Date (Design Only)	\$3.9 million
Local Business Participation	\$2.4 million
Small Business Participation	\$1.9 million

Financial Analysis

Major Assumptions

- Total Parking Spaces – 2901
- Project Costs - \$127.8 million
- Funding: Up to \$90 million of variable rate debt. Balance in cash.
- Scenario 1 – Low Utilization
- Scenario 2 – High Utilization

Financial Analysis

Scenario Assumptions & Metrics	Scenario 1 Low Utilization	Scenario 2 High Utilization
Average Plaza Utilization	68%	79%
Average Annual Incremental Revenue	\$9.8 million	\$13.2 million
Average Annual Debt Service (10 Years)	\$9.7 million	\$9.7 million
Average Annual Net Incremental Revenue	\$0.1 million	\$3.5 million
Payback Period	15.5 years	12.1 years
Net Present Value	Break Even – \$0.0 million	\$45.8 million

Parking Plaza

Actual costs as of Feb 28, 2016

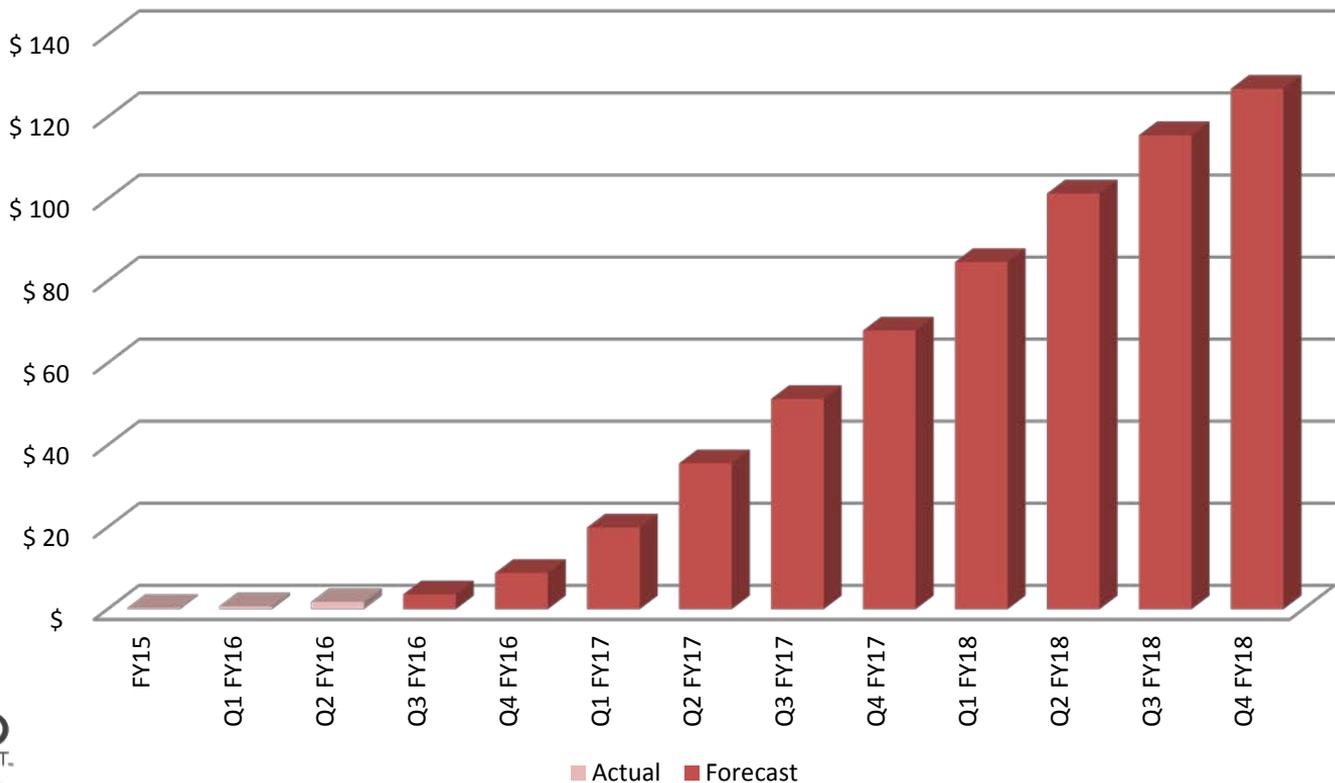
(amounts expressed in thousands)

Parking Plaza Project	Proposed Project Costs	Actual Costs	Remaining unspent
Totals	\$ 127,800	\$ 2,599	\$ 125,201
Grand Total	\$ 127,800	\$ 2,599	\$ 125,201

Parking Plaza Cost Trend

As of Feb 28, 2016

(amounts expressed in millions)



Recommended Committee Action for Board Approval

Approving and authorizing adoption of a mid-year adjustment to the Fiscal Year 2016-2020 Capital Program Budget to fund an increase in the Terminal 2 Parking Plaza budget of \$45,720,000 for a Validated Program budget of \$127,800,000.

Approving and authorizing the President/CEO to negotiate and execute: 1) a First Amendment (“Validation Amendment”) to the Agreement with Swinerton Builders, Inc., establishing a maximum contract value of \$99,800,000 for the design and construction of the Terminal 2 Parking Plaza; and 2) work authorizations and a Second Amendment (“Guaranteed Maximum Price Amendment”) after the issuance of the Validation Amendment in order to allow completion of 100% design and construction.

Next Steps







Capital Improvement Program Oversight Committee

Terminal 2 Parking Plaza
Public Outreach Update

April 28, 2016

Presented by:
Diana Lucero
Director of Vision, Voice & Engagement

Public Outreach Update



Parking Displacement Marketing Plan



Parking Displacement Public Outreach Plan



Questions

Parking Plaza Marketing & Public Outreach Plan



Marketing Plan Elements



- Radio, print and digital advertising
- Signage
- Dedicated web page
- Printed information for parking customers

Public Outreach Elements

Early Awareness(June - August)



- Elected officials briefings
- Neighbor outreach (hotels)
- Speakers Bureau
- E-newsletter article for business and community organizations
- Media briefing
- Website and social media announcements
- SANews and SAN e-news
- Groundbreaking ceremony



Public Outreach Sustained Program (September-ongoing)

- Construction hotline
- Construction alert system
- Milestone media relations
- Crisis communications plan

D2

Terminal 2

TAKE TICKET
WITH YOU FOR
EXPRESS EXIT

Questions?

● Ticketing
U.S. Airways



Capital Improvement Program Oversight Committee

Rental Car Center Finance Update

April 28, 2016

Presented by:

Geoff Bryant, Manager, Airport Finance

RCC Program Enabling Projects Summary

(amounts expressed in thousands)

Projects <i>(all numbers in \$000's)</i>	CFC	Other Funding*	Total
Interior North Side Road and Utilities/Saffassfras	\$ 8,010	\$ 9,805	\$ 17,815
Sassafras St widening	6,000	0	6,000
North Side Utility Infrastructure - Storm Drain Trunk	2,856	13,009	15,865
Terminal Link Road	14,292	2,305	16,597
Airport Electrical Distribution System	5,297	23,086	28,382
Pac. High. Improvements (Landscape, Sidewalk, C&G)	1,965	1,888	3,854
	\$ 38,420	\$ 50,094	\$ 88,513

** Other Funding includes previously issued GARB bonds , grants and airport cash*

RCC Program

Actual costs as of Feb 28, 2016
(amounts expressed in thousands)

RCC and Enabling Projects	Project Costs as budgeted	Actual Costs to date	Remaining
RCC project	\$ 316,124	\$ 282,013	\$ 34,111
Bus Acquisition and Staging Area ¹	21,580	15,193	6,387
Enabling Projects ¹	38,420	31,269	7,150
SDIA Wayfinding Signage/Directories - RCC ¹	2,210	1,267	943
N. Side Access Improvements and Security gates ¹	2,605	0	2,605
Grand Total	\$ 380,939	\$ 329,743	\$ 51,196

- Includes FY 17-FY 21 proposed capital projects:
 - Bus Acquisition
 - North Side Access Improvements and Security Gates

¹Depicts portion of projects that are estimated to be eligible for CFC funding

Customer Facility Charge (CFC) Balances

- Common-use transportation paid from this account only while balance remains over \$25 Million

CFC Use summary (in millions)	Pre 2014	2014	2015	2016	2017	2018
Beginning Balance	-	\$ 43.3	\$ 45.4	\$ 45.7	\$ 25.4	\$ 26.0
CFC Revenue	54.5	27.7	32.6	34.1	38.0	42.3
Net Debt service and reserve contributions	-	-	-	(8.0)	(17.8)	(23.6)
Capital Costs	(11.2)	(25.6)	(32.3)	(41.1)	(14.2)	(6.9)
Authority Loan	-	-	-	-	5.0	-
Common Use Transportation Costs	-	-	-	(5.2)	(10.3)	(10.3)
Ending Balance	\$ 43.3	\$ 45.4	\$ 45.7	\$ 25.4	\$ 26.0	\$ 27.6

- No additional short-fall contributions currently anticipated from Rental Car companies
- CFC Revenue: increase to \$9 CFC rate in January 2017
- Authority loan required in FY 2017, reimbursed FY 2019

Questions





SAN DIEGO
INTERNATIONAL AIRPORT

LET'S **GO.**

Fiscal Year 2017-2021 Capital Program

Capital Improvement Program
Oversight Committee

April 28, 2016

Presented by:
Jeffrey Woodson, Director of Development

CAPITAL IMPROVEMENT PROGRAM OVERVIEW

- 5 Year Program
- Approved by the Board Annually
Capital Improvement Program Oversight Committee (CIPOC)
- Managed by:
 - Capital Improvement Committee (CIC)
 - CEO & Vice Presidents
- Current CIP Program - 80 Projects - \$807.1 Million
- Current - The Green Build/T2W Roof - \$7.2 Million
- Current Total Capital Program - \$814.3 Million

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
 - Scope, schedule and budget are developed
 - Assessments are conducted with sponsors and stakeholders
 - Financial business case, risk/alternatives identification, planning and environmental impacts, capitalization and O&M costs

CIP Project Development Process

- Results are presented to CIC Review Group
 - Directors of Airport Planning, Business and Financial Management and Facilities Development review project details
 - Recommendations are made for prioritization to the Capital Improvement Committee(CIC)
- Proposed CIP presented to Airlines for input and feedback
- CIC reviews and approves proposed CIP budget to be taken to the Board
- Board reviews and approves Capital Program budget

Current CIP Projects - Project Status

Project Location	Planning	Design	Construction	Closeout /Closed	Program*	Total
Airside	5	4	1	3	-	13
Terminal	6	7	3	7	1	24
Landside/Ancil.	4	8	9	10	-	31
Administrative	5	2	3	1	1	12
Totals	20	21	16	21	2	80

* Public Art Allowance and Capital Project Allowance

Capital Program Budget Summary

FY 2016 - 2020 Capital Improvement Program	\$ 491,024,228
Rental Car Center	316,124,104
The Green Build (T2W Roof & Project Closeout)	<u>7,178,330</u>
FY2016 - 2020 Capital Program Budget	\$ 814,326,662
FY 2016 - 2020 Project Closeouts/Adjustments	\$ <u>(64,378,948)</u>
FY 2016 2020 Capital Program Balance	\$ 749,947,714
Proposed FY 2017 - 2021 CIP Projects and Adjustments	\$ 96,679,419
Proposed Airport Development Plan	<u>54,900,000</u>
Proposed FY 2017-2021 Capital Program Budget	\$ <u>901,527,133</u>

Proposed New FY2017-2021 CIP Projects

Description	Est. Budget
1) Rehabilitate Gates 40/41 Apron Pavement (2017) *	\$ 1,172,300
2) Rehabilitate Terminal 2 Loop Pavement - Seal coat (2017) *	750,230
3) Rehabilitate Terminal 1 Loop Pavement (2018) *	5,582,000
4) Rehabilitate Northside Vehicle Service Road (2018)	12,200,000
5) Rehabilitate Terminal 2 Apron Pavement (2020) *	16,589,200
6) Rehabilitate Terminal 2 Loop Pavement (2020) *	2,111,000
7) Rehabilitate South Side Cargo Apron (2021) *	7,048,200

* Per 2015 Pavement Management Study

Proposed New FY2017-2021 CIP Projects

	Description	Est. Budget
8)	Replace Sidewalk T2W Existing to Green Build (2017)	\$ 1,808,000
9)	Admiral Boland Way Entry/Exit Gates (2017)	2,152,000
10)	Acquire RCC Buses (2017)	5,000,000
11)	Admiral Boland Way Traffic & Signage Analysis (2017)	500,000
12)	Improvements to FIS Facility (2017)	6,317,800
13)	Replace Existing Generator at CUP (2018)	6,100,000
14)	Facilities Condition Assessment (2021)	<u>800,000</u>
	Total FY2017-2021 Proposed New CIP Projects	\$ <u>68,130,730</u>

Proposed FY2017-2021 Capital Project Adjustments

Description	Current Budget	Additional Budget	Est. Budget
1) Replace/Refurbish Passenger Boarding Bridges	\$23,300,000	\$9,000,000	\$32,300,000
2) SDIA Airport Development Plan	6,500,000	2,500,000	9,000,000
3) Rehabilitate Runway 9-27	19,600,000	1,500,000	21,100,000
4) Rehabilitate Cross Taxiways & CT Apron	12,289,440	1,700,000	13,989,440
5) Capital Project Allowance (FY2017)	---	5,000,000	5,000,000
6) Public Art Allowance	1,374,441	248,689	1,623,130
7) FMD Capital Allowance (FY2017-2021)	3,807,714	<u>8,600,000</u>	12,407,714
Total Proposed Current CIP Project Adjustments		\$28,548,689	

Total FY2017-2021 Proposed New CIP Project & Adjustments \$96,679,419



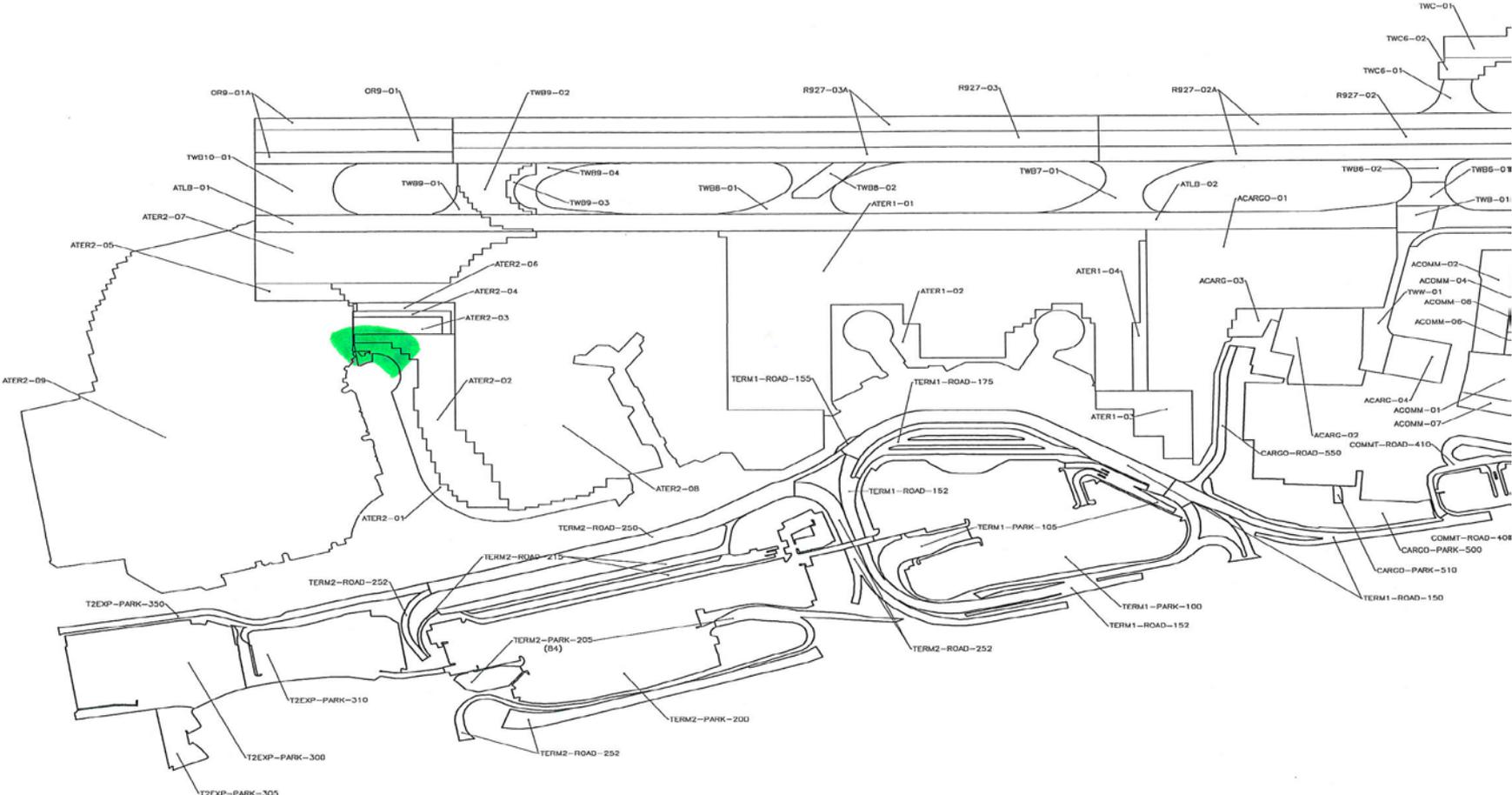
Proposed New FY2017-2021 ADP Projects

	Description	Est. Budget
20)	Construct Taxiway "A" (2021-2022)	\$ 36,900,000
21)	ADP - Programmatic Documents (2016-2018)	<u>18,000,000</u>
	Total FY2017-2021 Proposed New ADP Projects	\$ <u>54,900,000</u>

Prioritization Criteria

1	Preserve Part 139 or other regulatory compliance
2	Preserve physical plant functions - Fire/Life/Safety, M/E/P and Core Network
3	Preserve Airport access, roadways, and parking
4	Enhance safety or security
5	Enhance customer service / revenue / cost savings

Rehabilitate Gates 40/41 Apron Pavement



Rehabilitate Gates 40/41 Apron Pavement

SCOPE:

- Rehabilitate per 2015 Pavement Management Study (2017)
- Full Portland Cement Concrete (PCC) replacement of 40 panels
 - Approximately 7,200 sq. ft. of apron panels
- Provide safe operating conditions on apron

Strategies :

- Financial
- Customer
- Operations

1	Preserve Part 139 or other regulatory compliance
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Estimated Cost	Duration
\$1,172,300	15 months

Rehabilitate Terminal 2 Loop Pavement (Seal Coat)

SCOPE:

- Rehabilitate per 2015 Pavement Management Study (2017)
- Seal coat 128,000 sq. ft. of pavement, apply new markings
- Will involve night work to accommodate operations

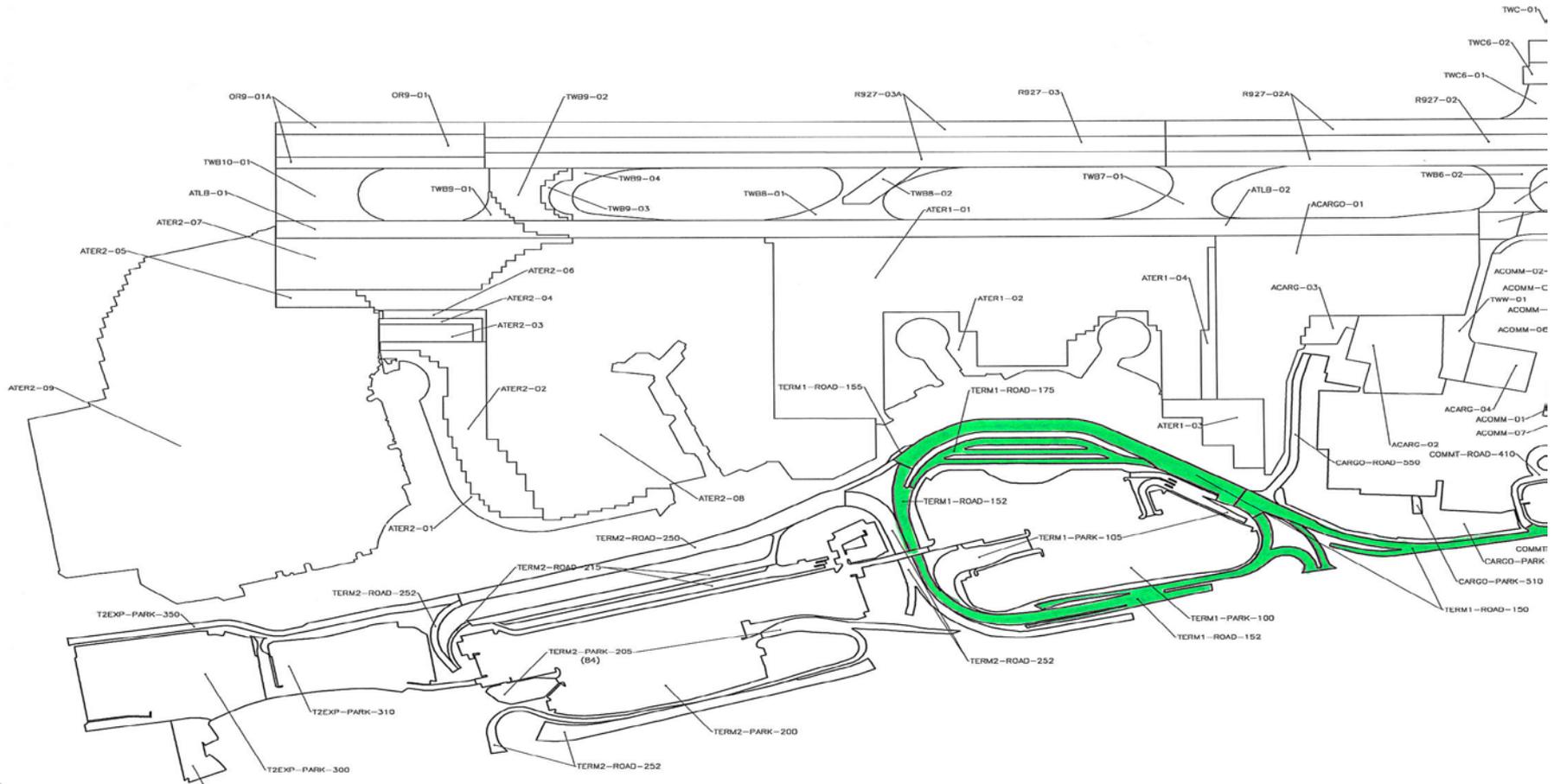
Strategies :

- Financial
- Operational
- Customer

3	Preserve Airport access, roadways, and parking
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Estimated Cost	Duration
\$750,230	13 months

Rehabilitate Terminal 1 Loop Pavement

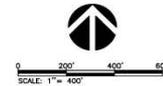


Rehabilitate Terminal 1 Loop Pavement



LEGEND:

- ④ FULL DEPTH REPAIR LOCATIONS. SEE PHOTOS



Rehabilitate Terminal 1 Loop Pavement



LEGEND:

19 FULL DEPTH REPAIR LOCATIONS.
SEE PHOTOS



0 50' 100' 150'
SCALE: 1" = 100'

Rehabilitate Terminal 1 Loop Pavement

SCOPE:

- Rehabilitate per 2015 Pavement Management Study (2018)
- Rehabilitate 188,000 sq. ft. with 2" mill & overlay
- Rehabilitate 100,000 sq. ft. of full-depth, partial A/C replacement
- Involves phasing and all night work to accommodate operations and minimize impacts

Strategies :

- Financial
- Operations
- Customer

3	Preserve Airport access, roadways, and parking
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Estimated Cost	Duration
\$5,582,000	19 months

Rehabilitate North Side Vehicle Service Rd.



Rehabilitate North Side Vehicle Service Rd.

SCOPE:

- Remove & replace sub-base/asphalt to support heavy fuel trucks & ARFF vehicles
- Replace single lane with dual lane east of ILS glideslope antenna & relocate road further north
- Construct proper drainage to eliminate flooding
- Cap pavement in areas adjacent to Taxiway J and the FBO

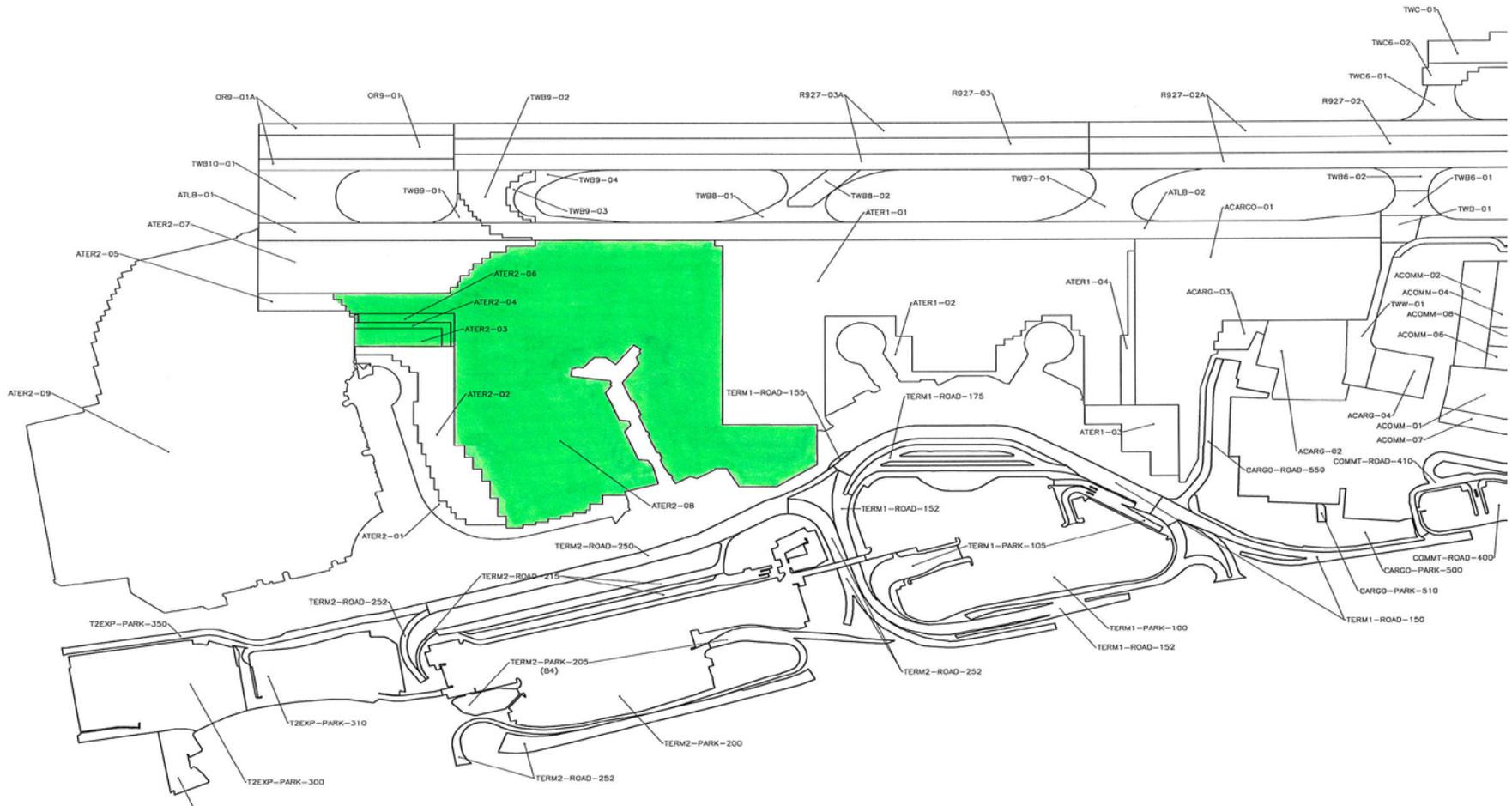
Strategies :

- Financial
- Operations
- Customer

1	Preserve Part 139 or other regulatory compliance
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Estimated Cost	Duration
\$12,200,000	22 months

Rehabilitate Terminal 2 Apron Pavement



Rehabilitate Terminal 2 Apron Pavement

SCOPE:

- Rehabilitate per 2015 Pavement Management Study (2020)
- Approximately 49,000 sq. ft. of partial slab replacements & 1.1M sq. ft. of renovation and rehabilitation
- Provide safe taxiway and apron areas for airport operations

Strategies :

- Financial
- Customer
- Operations

1	Preserve Part 139 or other regulatory compliance
---	--

Estimated Cost	Duration
\$16,589,200	22 months

Rehabilitate South Side Cargo Apron Pavement

SCOPE:

- Reconstruct per 2015 Pavement Management Study (2021)
- Approximately 136,000 sq. ft. of asphalt rehabilitation and 37,000 sq. ft. of full cement concrete (PCC) replacement
- Provide safe apron areas for airport operations

Strategies :

- Financial
- Operations
- Customer

1	Preserve Part 139 or other regulatory compliance
---	--

Estimated Cost	Duration
\$7,048,200	19 months

Rehabilitate Terminal 2 Loop Pavement

SCOPE:

- Rehabilitate per 2015 Pavement Management Study (2020)
- Rehabilitate approx. 128,000 sq. ft. of asphalt with mill & overlay
- Will involve night work to accommodate operations and minimize impacts

Strategies :

- Financial
- Operational
- Customer

3

Preserve Airport access, roadways, and parking

Estimated Cost	Duration
\$2,111,000	16 months

Replace Sidewalk at Existing T2W to Green Build



Replace Sidewalk at Existing T2W to Green Build

T2W Sidewalk Images



T2E Sidewalk Images



Replace Sidewalk at Existing T2W to Green Build

SCOPE:

- Replace cracking/spalling/faulting of approximately 25,400 sq. ft. of concrete sidewalk/curb and base
- Eliminate potential trip and/or fall hazards
- Provide a more pleasant customer experience while traversing our sidewalks

Strategies :

- Customer
- Operational

4	Enhance safety or security
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Estimated Cost	Duration
\$1,808,000	16 months

Admiral Boland Way Entry/Exit Gates



Admiral Boland Way Entry/Exit Gates

SCOPE:

- Install gates at north/south ends of Admiral Boland Way to deter auto/pedestrian access
- Includes CCTV, lights, electrical upgrades to support gates
- Gates operate electronically and maintain RCC bus schedules
- Addresses and minimizes safety/risk exposure for Airport

Strategies :

- Operations

4	Enhance safety or security
---	----------------------------

Estimated Cost	Duration
\$2,152,000	15 months

Acquire RCC Buses



Acquire RCC Buses

SCOPE:

- Purchase 8-10 LNG buses for RCC shuttle
- Provide additional buses to meet customer demand

Strategies :

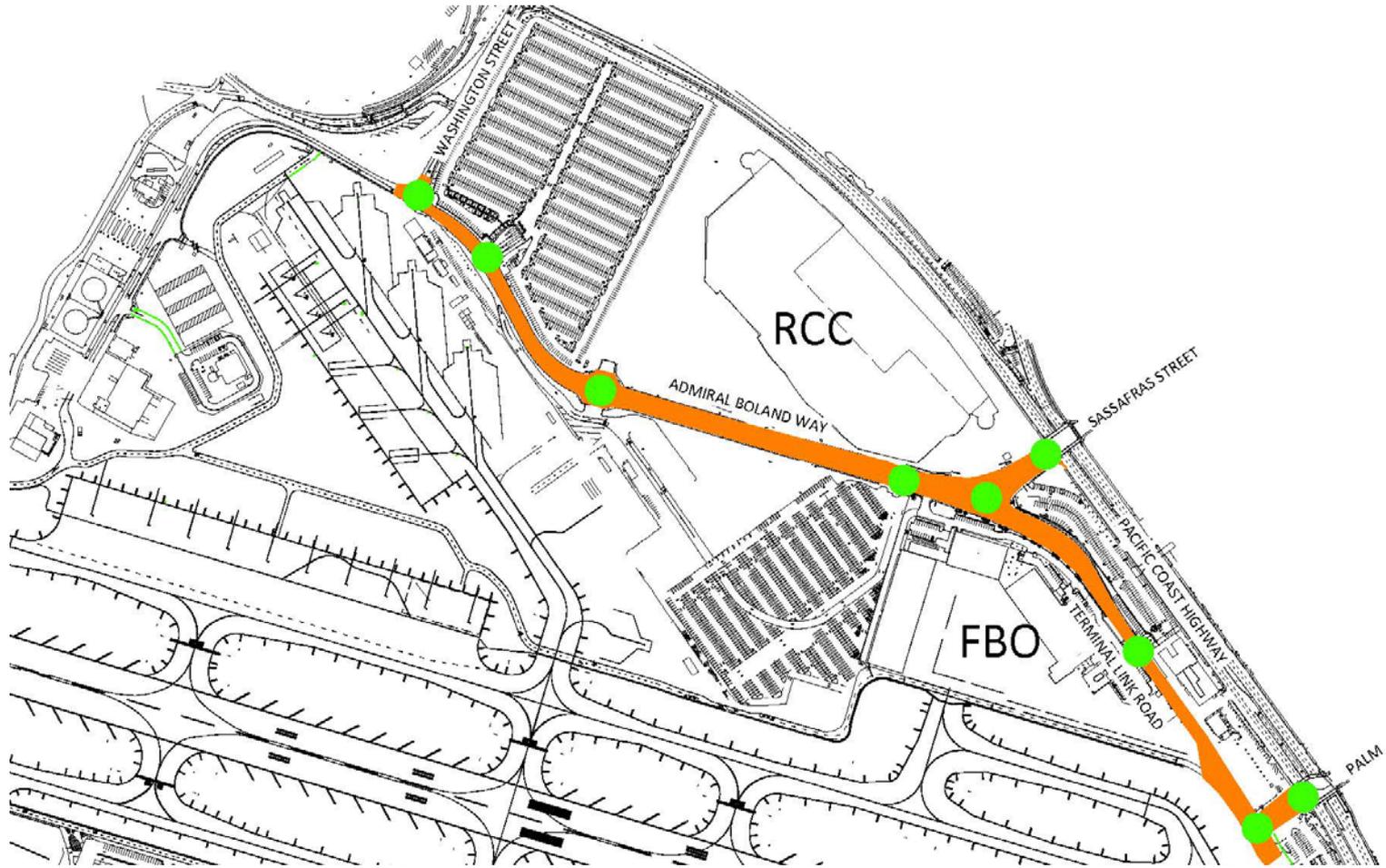
- Financial
- Operations
- Customer

3

Preserve Airport access, roadways, and parking

Estimated Cost	Duration
\$5,000,000	24 months

Admiral Boland Way Signage & Traffic Analysis



Admiral Boland Way Signage & Traffic Analysis

SCOPE:

- Prepare traffic analysis from Washington St. to Palm Ave.
- Identify regulatory signage, wayfinding and safety improvements
- Enhance access and customer satisfaction

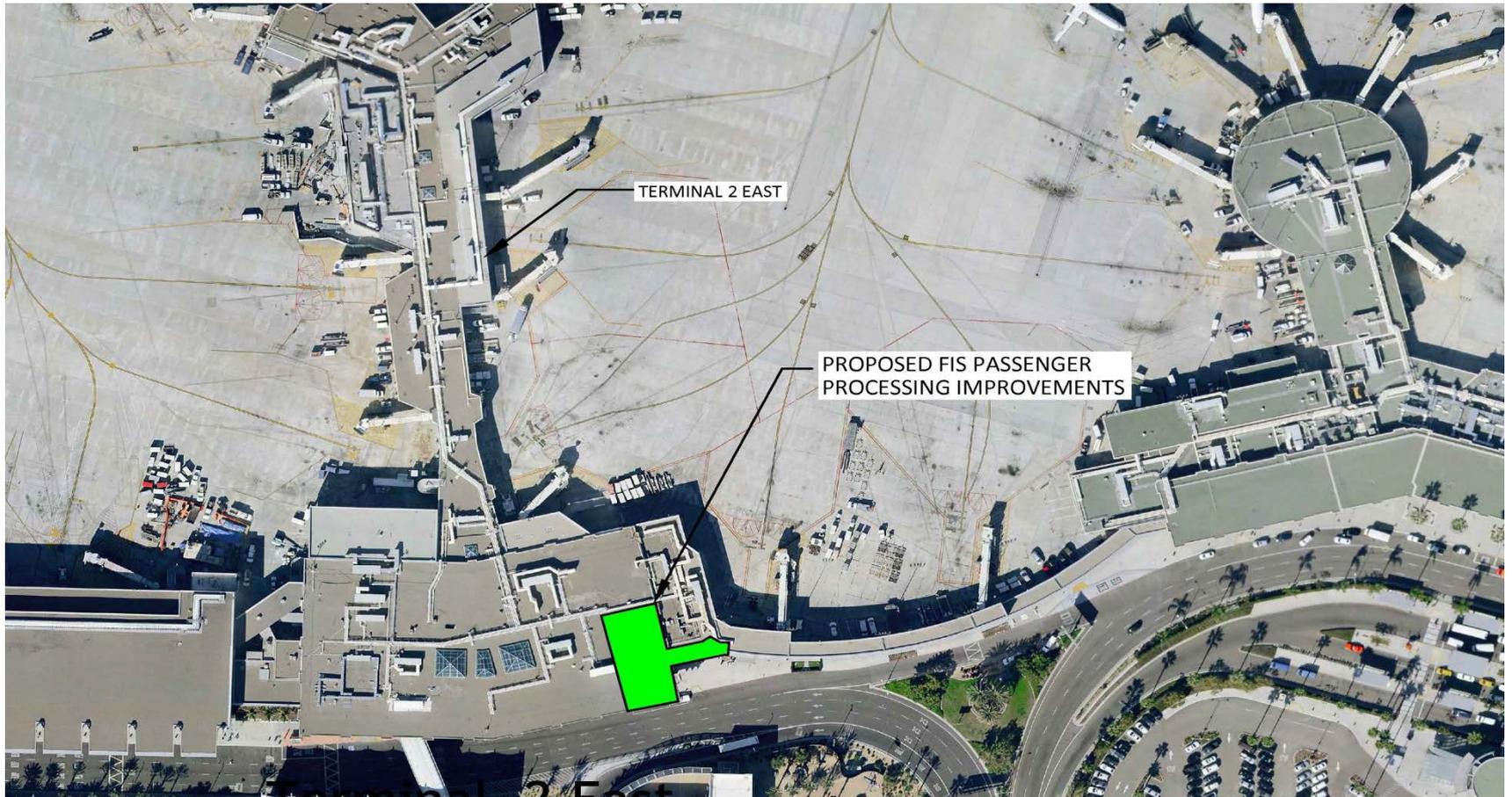
Strategies :

- Operations
- Customer

3	Preserve Airport access, roadways, and parking
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Estimated Cost	Duration
\$500,000	12 months

Improvements to FIS Facility



Improvements to FIS Facility

FIS PROCESSING BOOTHS 1ST FLOOR



INSTALL ADA STAINLESS STEEL SHELF.

COVER FRONT OF PROCESSING BOOTH W/ STAINLESS STEEL.

INSTALL STAINLESS STEEL CORNER GUARD (TYP).

NOTE:

1. COVER FRONT OF ALL PROCESSING BOOTHS W/ STAINLESS STEEL.
2. REPLACE ONLY DAMAGED EXISTING PLEXIGLAS AT PROCESSING BOOTHS.
3. VERIFY ADA COMPLIANCE FOR PROCESSING BOOTHS.

FIS PROCESSING BOOTHS 2ND FLOOR



COVER FRONT OF PROCESSING BOOTH W/ STAINLESS STEEL.

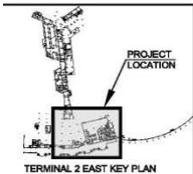
INSTALL 8" HIGH STAINLESS STEEL BASE.

FIS PROCESSING BOOTHS 2ND FLOOR



INSTALL FULL HIGHT STAINLESS STEEL WAINSCOT ON ALL DIVIDING WALLS (TYP. @ 2ND FLOOR BOOTHS).

COVER FRONT OF PROCESSING BOOTH W/ STAINLESS STEEL.



Improvements to FIS Facility

SCOPE:

- Upgrade to facility installed in 2001
- Replace carpet with vinyl flooring, remove wallpaper, paint entire facility and install stainless steel wainscot
- Install magnetic stanchions upstairs/downstairs to improve passenger flow
- Replace/repair inspection booths
- Replace baggage carousel to expedite customer processing

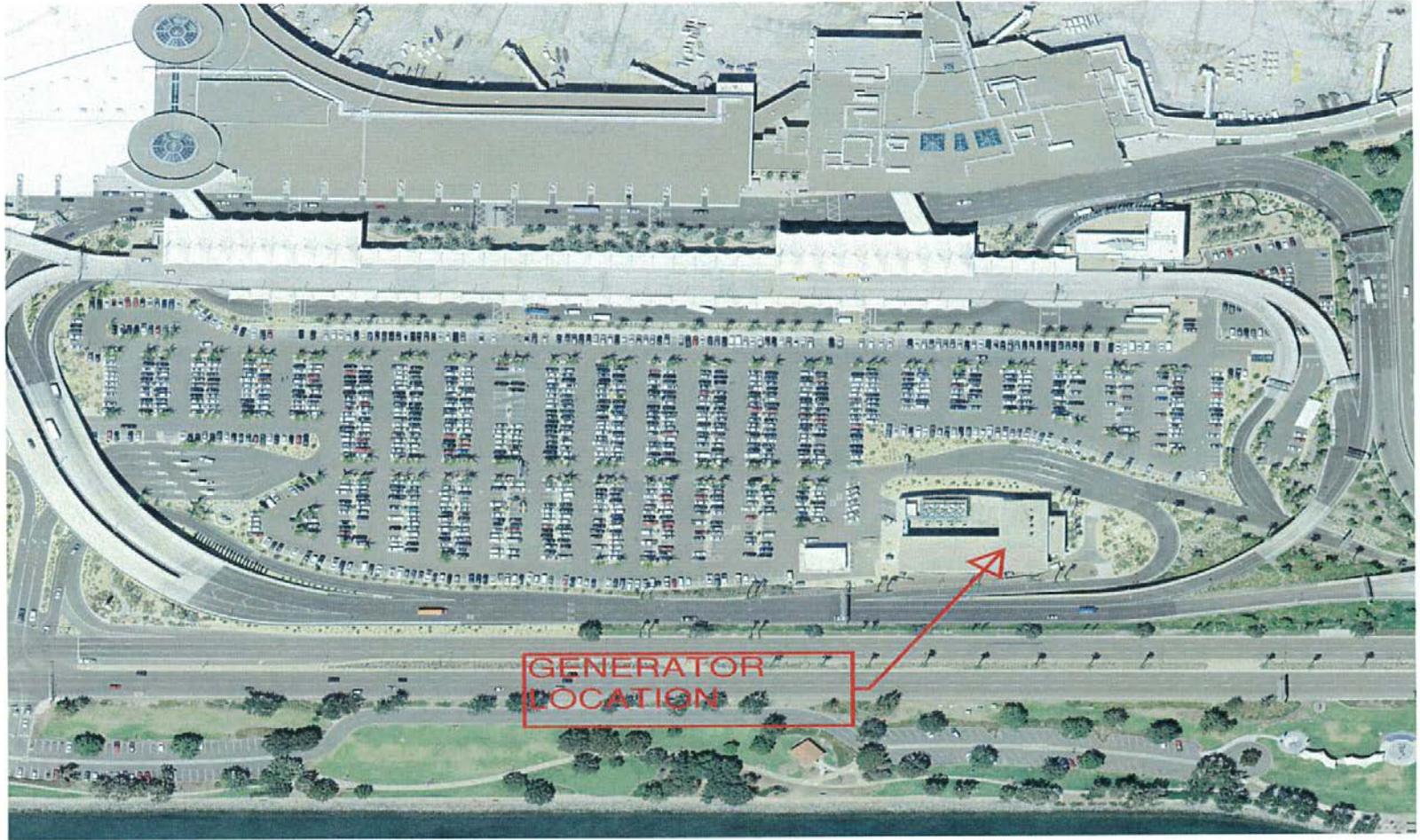
Strategies :

- Operations
- Customer

5	Enhance customer service / revenue / cost savings
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Estimated Cost	Duration
\$6,317,800	17 months

Replace Generator at Central Utility Plant



Replace Generator at Central Utility Plant

SCOPE:

- Replace existing emergency power generator to handle CUP and future Parking Plaza IT equipment, security system & booth lighting
- Infrastructure to connect new generator in Parking Plaza project
- Provides higher capacity for future power needs

Strategies :

- Financial
- Operations

2

Preserve physical plant functions - Fire/Life/Safety, M/E/P and Core Network

Estimated Cost	Duration
\$6,100,000	12 months

Facilities Condition Assessment



Facilities Condition Assessment

SCOPE:

- Provide a roadmap towards the 20-yr strategic planning (2021)
- Provide definitive long & short range understanding of costs associated with facilities maintenance and/or replacement
- Improve PM scheduling, establishment of annual maintenance budgets & long term replacement costs

Strategies :

- Financial
- Operations

2

Preserve physical plant functions - Fire/Life/Safety, M/E/P and Core Network

Estimated Cost	Duration
\$800,000	12 months

Construct Taxiway A (ADP Project)



Construct Taxiway A (ADP Project)

SCOPE:

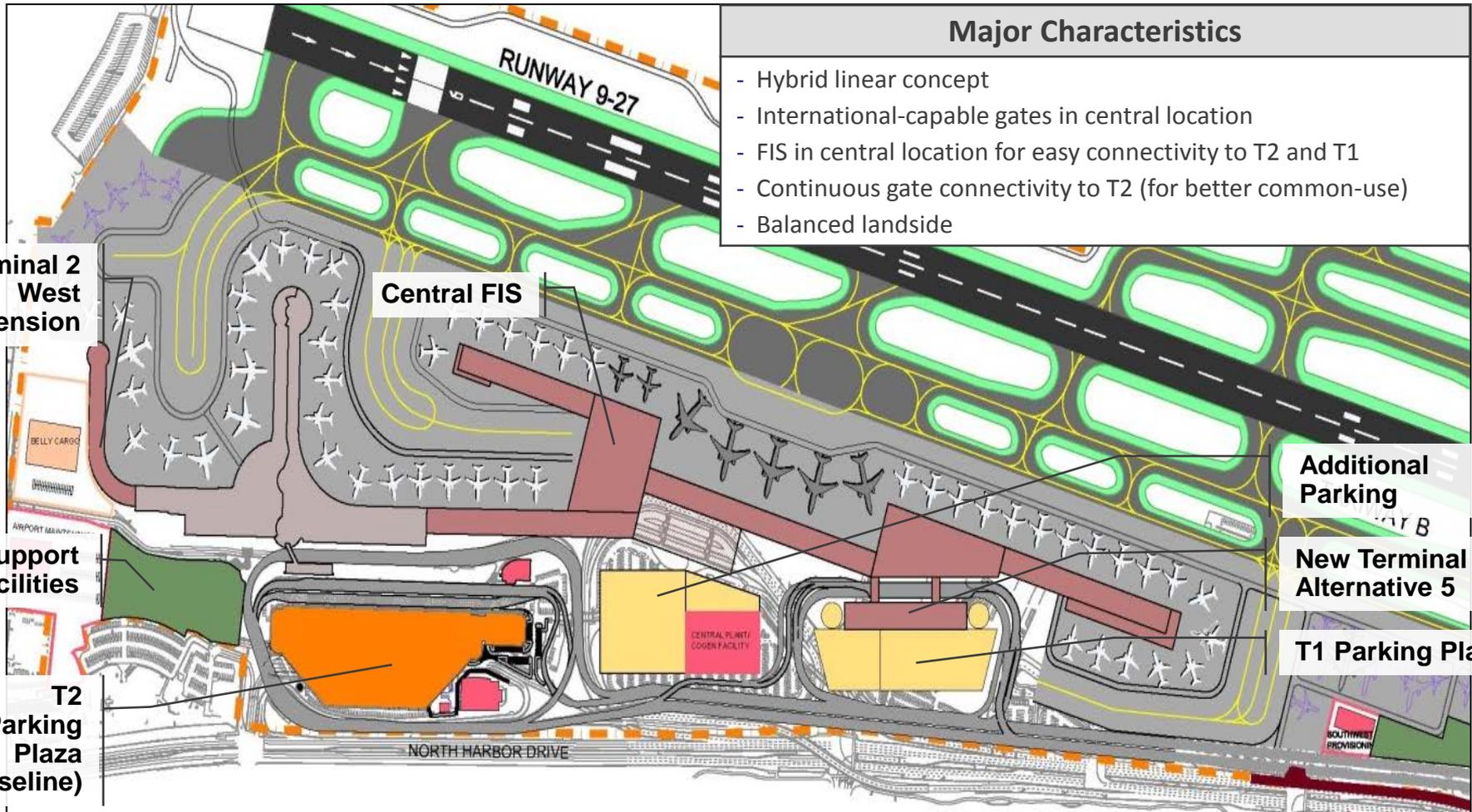
- Federal Grant funds requested for 2021
- Construct new taxiway parallel to Taxiway B
- Approximately 2,800' x 200' of concrete and asphalt
- Includes lighting, storm drain & electrical upgrades, striping and security fencing

Strategies :

- Financial
- Operations
- Customer

Estimated Cost	Duration
\$36,900,000	18-20 months

ADP Programmatic Documents



ADP Programmatic Documents

SCOPE:

- Preparation of programmatic documents for the Airport Development Program
- Define criteria and standards for project design & construction
- Sufficient detail to support RFQ for design teams & contractors

Strategies :

- Financial
- Operations

Estimated Cost	Duration
\$18,000,000	24 months

QUESTIONS ?

Current CIP Projects

\$ in millions

Project	Status	Budget	Funding Source	Pre 17	FY 17	FY 18	FY 19	FY 20	FY 21
Strategic Master Drainage Plan	Planning	0.6	Bonds	0.3	0.3				
SDIA Airport Development Plan	Planning	6.5	PFC	4.9	1.6				
Wind Tunnel South-Facing Wall - Public Art	Planning	0.3	Cash	0.1	0.2				
Expand Wi-Fi Coverage in Terminals	Planning	2.8	Cash	0.2	2.5	0.1			
Update IT Master Plan	Planning	0.3	Cash		0.3				
Facilities Condition Assessment	Planning	0.8	Cash	0.2	0.6				
Airport Centralized Communication Center	Planning	0.3	Cash		0.3				
Rehabilitate Runway 9-27 Pavement	Planning	19.6	AIP / PFC	0.1	1.8	9.1	8.6		
Rehabilitate Cross Taxiways (B1, B4-B7, C1-C6, D) & CT Apron)	Planning	12.3	AIP / PFC / Cash	0.1	1.2	7.3	3.7		
ADP Phase 1 Programmatic Documents	Planning	0.5	Cash	0.5					
Ground Transportation Improvements	Planning	0.5	Cash		0.5				
Ground Transportation Systems-Phase 3 (Virtual Hold Lot)	Planning	1.1	Cash		1.0	0.1			
Commuter Terminal 1st Floor Build-out	Planning	1.5	Cash		1.5				
Cargo Development Oversight	Planning	1.6	Cash			1.3	0.3		

Current CIP Projects

\$ in millions

Project	Status	Budget	Funding Source	Pre 17	FY 17	FY 18	FY 19	FY 20	FY 21
Cargo Taxiways	Planning	9.5	PFC			4.7	4.8		
Environmental Assessment for Taxiway B Relocation	Planning	0.3	AIP / PFC			0.3			
Relocate Taxiway B - Phase II	Planning	30.0	AIP / PFC					5.0	25.0
Develop Mitigation Plan for Least Terns	Planning	2.0	Cash		0.4	1.2	0.4		
Reconstruct Aprons at Cargo Terminal and Terminal 1	Planning	1.2	Cash			0.2	1.0		
HVAC Modernization (Pending FCA)	Planning	16.5	Cash		3.0	3.0	3.0	7.5	
Electrical Modernization (Pending FCA)	Planning	5.6	Cash		1.0	1.0	1.0	2.6	
Modernize Vertical Conveyance T1 & T2W (Pending FCA)	Planning	4.4	Cash		3.0	1.4			
Fire Suppression System (Pending FCA)	Planning	3.0	Cash			2.9	0.1		
T1 & T2E Roof Replacement (Pending FCA)	Planning	15.0	Cash			7.5	7.5		
CT Roof Replacement (Pending FCA)	Planning	3.0	Cash			2.7	0.3		
CT - Replace 2 Boilers (Pending FCA)	Planning	1.5	Cash		1.5				
Replace & Refurbish Passenger Boarding Bridges	Design	23.3	PFC / Cash	0.9	4.3	14.9	3.2		
Replace Terminal Seating in T1 & T2	Design	5.7	Cash	0.3	5.3	0.1			

Current CIP Projects

\$ in millions

Project	Status	Budget	Funding Source	Pre 17	FY 17	FY 18	FY 19	FY 20	FY 21
T2E Improvements	Design	5.6	Cash	0.4	4.0	1.2			
Observation Area at Palm Street	Design	2.2	Cash	0.1	2.1				
Terminal Paging System Upgrade	Design	2.3	Cash	0.1	2.0	0.2			
Admiral Boland Way Signage & Traffic Analysis	Design	0.4	Cash	0.1	0.3				
T2W Restroom Remodel	Design	2.2	Cash	0.2	1.7	0.3			
Replace 2 ARFF Vehicles	Design	2.6	AIP / PFC / Cash	0.1	0.2	2.3			
Demolition of World Trade Center	Design	1.3	Cash	0.1	1.2				
Clear OFA - Taxiway B	Design	8.9	AIP / PFC	0.8	8.1				
Upgrade Remaining 12 Remote Noise Monitoring Poles	Design	0.7	PFC / Cash	0.6	0.1				
Air Freight Buildings Roof Replacement	Design	1.6	Cash	0.4	1.2				
Solid Waste Disposal and Recycling Facility	Design	1.7	Cash	0.4	1.3				
Construct Concessionaire & Janitorial Wash Areas	Design	0.8	Cash	0.2	0.6				
Widen Sassafras Street Intersection	Design	6.0	CFC	0.6	2.9	2.5			
CBP Global Entry Enrollment Center	Design	0.4	Cash	0.3	0.1				

Current CIP Projects

\$ in millions

Project	Status	Budget	Funding Source	Pre 17	FY 17	FY 18	FY 19	FY 20	FY 21
Terminal 2 Parking Plaza	Design	80.9	Cash	11.1	27.4	39.6	2.8		
Parking Plaza - Public Art	Design	1.2	Cash		0.5	0.5	0.2		
Palm Street Park - Public Art	Design	0.6	Cash	0.3	0.3				
Enterprise Content Management System	Construction	1.5	Cash	1.3	0.2				
E-Project Management System	Construction	0.5	Cash	0.4	0.1				
Update Ground Transportation Systems - Phase 2	Construction	0.8	Cash	0.7	0.1				
Update Ground Transportation Software - Phase 2	Construction	0.5	Cash	0.4	0.1				
CT Exterior East-Facing Wall - Public Art	Construction	0.3	Bonds	0.1	0.1			0.1	
SDIA Wayfinding Signage/Directories - Parking	Construction	0.7	Cash	0.7					
SDIA Wayfinding Signage/Directories - Terminals/Software	Construction	0.5	Cash	0.1	0.4				
Restaurant Development at RCC	Construction	6.9	Cash	5.9	1.0				
Rehabilitate Cross Taxiway B8 and Terminal Aprons	Construction	8.5	PFC / Cash	7.2	1.3				
Develop Administrative Space	Construction	5.3	Cash	4.1	1.2				
McCain Road Parking Lot	Construction	0.7	Cash	0.3	0.4				

Current CIP Projects

\$ in millions

Project	Status	Budget	Funding Source	Pre 17	FY 17	FY 18	FY 19	FY 20	FY 21
Construct Taxi Hold Lot	Construction	5.7	Cash	4.5	1.2				
Interim Waste Storage Facility	Construction	0.6	Cash	0.5	0.1				
Exhibition Display Equipment - Public Art	Construction	0.1	Cash	0.1					
T2E Ceiling Art Integration - Public Art	Construction	0.3	Cash	0.3					
FMD Capital Expenditures - Terminal	Construction	3.9	Cash	3.4	0.5				
RCC Small Market-share Build-outs	Closeout	4.7	Cash	4.6	0.1				
Runway 9 Displaced Threshold Relocation	Closeout	5.6	AIP / PFC / Cash	5.3	0.3				
Interior North Side Road and Utilities	Closeout	17.8	Bonds / Cash	17.8					
North Side Utility Infrastructure - Storm Drain Trunk	Closeout	15.9	AIP/CFC/Bonds/Cash	15.9					
Comprehensive Strategic Master Drainage Plan	Closeout	0.5	Bonds	0.5					
Terminal Link Road	Closeout	16.6	CFC / Bonds / Cash	16.5	0.1				
Update Ground Transportation Systems - Phase I	Closeout	1.9	Cash	1.9					
SDIA Wayfinding Signage/Directories - RCC	Closeout	1.1	CFC	1.1					
SDIA Wayfinding Signage/Directories - RCC Bus Notification Sys.	Closeout	0.5	CFC	0.5					

Current CIP Projects

\$ in millions

Project	Status	Budget	Funding Source	Pre 17	FY 17	FY 18	FY 19	FY 20	FY 21
SDIA Wayfinding Signage/Directories - RCC Caltrans Freeway Signs	Closeout	0.6	CFC	0.6					
Northside Additional Landscaping	Closeout	3.9	CFC/Bonds/Cash	3.8	0.1				
Construct North Side Bypass Taxiway	Closeout	10.0	AIP / PFC	8.9	1.1				
Reconfigure Security Checkpoint 2 & Refurbish T1 Rotundas & Bag Claim	Closeout	8.4	Bonds	7.9	0.5				
Construct RCC Bus Parking Facility	Closeout	8.8	CFC / Cash	8.3	0.5				
T2E CUPPS Expansion	Closeout	2.8	Cash	2.5	0.3				
Employee Parking Lot 6 Expansion	Closeout	5.6	Cash	5.3	0.3				
Pavement Rehabilitation - Air Freight Bldg.	Closeout	1.1	Cash	0.6	0.5				
East Side Fiber Loop Installation	Closeout	0.7	Cash	0.4	0.3				
Public Art Allowance	Program	1.4	Bonds / Cash		0.3	0.3	0.3	0.3	0.2
Total FY 2016 - 2020 CIP Program		\$ 433.8							

FY 2017 – 2021 Proposed CIP Projects

\$ in millions

Project	Budget	Funding Source	FY17	FY18	FY19	FY20	FY21
Rehabilitate Gates 40/41 Apron Pavement (2017)	1.2	Cash	1.0	0.2			
Rehabilitate Terminal 2 Loop Pavement - Seal coat (2017)	0.8	Cash	0.4	0.4			
Rehabilitate Terminal 1 Loop Pavement (2018)	5.6	Cash	1.7	3.9			
Rehabilitate Northside Vehicle Service Road (2018)	12.2	Cash	1.8	10.4			
Rehabilitate Terminal 2 Apron Pavement (2020)	16.6	Cash			5.3	11.3	
Rehabilitate Terminal 2 Loop Pavement (2020)	2.1	Cash			1.4	0.7	
Rehabilitate South Side Cargo Apron (2021)	7.0	Cash				3.1	3.9
Replace Sidewalk T2W Existing to Green Build (2017)	1.8	Cash	1.7	0.1			
Admiral Boland Way Entry/Exit Gates (2017)	2.1	Cash	1.8	0.3			
Acquire RCC Buses (2017)	5.0	CFC	5.0				
Admiral Boland Way Traffic & Signage Analysis (2017)	0.5	Cash	0.5				
Improvements to FIS Facility (2017)	6.3	Cash	4.4	1.9			
Replace Existing Generator at CUP (2018)	6.1	Cash		6.1			
Facilities Condition Assessment (2021)	0.8	Cash					.8
Total FY2017-2021 Proposed New CIP Projects	\$ 68.1						

FY 2017 – 2021 Proposed CIP Adjustments

\$ in millions

Project	Budget	Funding Source	FY17	FY18	FY19	FY20	FY21
Replace/Refurbish Passenger Boarding Bridges (\$23.3)	9.0	Cash		9.0			
SDIA Airport Development Plan (\$6.5)	2.5	Cash	1.2	1.3			
Rehabilitate Runway 9-27 (\$19.6)	1.5	Cash		1.5			
Rehabilitate Cross Taxiways & CT Apron (\$12.3)	1.7	Cash		1.7			
Capital Project Allowance (FY2017)	5.0	Cash	5.0				
Public Art Allowance (\$1.4)	0.2	Cash	0.2				
FMD Capital Allowance (FY2017-2021)	8.6	Cash	1.7	1.7	1.7	1.7	1.8
Total FY 2017 - 2021 Proposed Adjustments	\$ 28.6						
Total FY 2017 - 2021 Proposed CIP Projects/Adj.	\$ 96.7						

FY 2017 – 2021 Capital Program

\$ in millions

Project	Budget	Funding Source	Pre FY17	FY17	FY18	FY19	FY20	FY21
Total FY 2016 - 2020 CIP Program	\$ 433.8							
Total FY 2017 - 2021 Proposed CIP Projects / Adjustments	96.7							
Rental Car Center	316.1	CFC	231.8	84.3				
Airport Development Program	<u>54.9</u>	Cash	0.5	8.7	8.8		11.0	25.8
Grand Total FY 2017 - 2021 Capital Program	\$ <u>901.5</u>							