

# SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY

## Board Members

C. April Boling  
Chairman

Greg Cox  
Jim Desmond  
Robert H. Gleason  
Jim Janney  
Mark Kersey  
Paul Robinson  
Michael Schumacher  
Mary Sessom

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

### AGENDA

Monday, April 24, 2017  
9:30 A.M. or immediately following the  
Executive and Finance Committee Meeting

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

## Ex-Officio Board Members

Laurie Berman  
Eraina Ortega  
Col. Jason Woodworth

## Interim President / CEO

Angela Shafer-Payne

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 or 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. **Please note that agenda items may be taken out of order.**

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.

Board members who are not members of the Committee may attend and participate in Committee discussions. To preserve the proper function of the Committee, only members officially assigned to the Committee are entitled to vote on any item before the Committee. The Committee only has the power to review items and make recommendations to the Board. Accordingly, the Committee cannot, and will not, take any final action that is binding on the Board or the Authority, even if a quorum of the Board is present.

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.**



**CALL TO ORDER:**

**PLEDGE OF ALLEGIANCE:**

**ROLL CALL:**

***Board***

Board Members: Boling (Chair), Berman (Ex-Officio) Cox, Desmond, Gleason  
Janney, Kersey, Ortega (Ex-Officio), Robinson,  
Schumacher, Sessom, Woodworth (Ex-Officio)

***Committee***

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

**NON-AGENDA PUBLIC COMMENT**

Non-Agenda Public Comment is reserved for members of the public wishing to address the Board or Committee on matters for which another opportunity to speak **is not provided on the Agenda**, and which is within the jurisdiction of the Board or 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 or Committee.

**NEW BUSINESS:**

**1. APPROVAL OF MINUTES:**

RECOMMENDATION: Approve the minutes of the January 19, 2017 regular meeting.

***BOARD***

**WORKSHOP:**

**2. CAPITAL PROGRAM BUDGET FISCAL YEARS 2018-2022:**

(Development: Jeffrey Woodson, Vice President)

**BOARD AND 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 announcement of that 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 period at the beginning of the agenda is limited to eighteen (18) minutes and is reserved for persons wishing to address the Board, ALUC, or Committee 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 were not heard during the first Public Comment period.
- 3) Persons wishing to speak on a specific item listed on the agenda will be afforded an opportunity to speak during the presentation of that individual item. Persons wishing to speak on a specific item should reserve their comments until the item is taken up by the Board, ALUC or Committee. Public comment on a specific item 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 or 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.**

**UPCOMING MEETING SCHEDULE**

<i>Date</i>	<i>Day</i>	<i>Time</i>	<i>Meeting Type</i>	<i>Location</i>
July 20	Thursday	9:00 am	Regular	Board Room

**DRAFT**  
**SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY**  
**CAPITAL IMPROVEMENT PROGRAM OVERSIGHT COMMITTEE MEETING**  
**MINUTES**  
**THURSDAY, JANUARY 19, 2017**  
**SAN DIEGO INTERNATIONAL AIRPORT**  
**BOARD ROOM**

**CALL TO ORDER:** Chair Hubbs called the meeting of the Capital Improvement Program Oversight Committee Meeting to order at 9:00 a.m. on Thursday, January 19, 2017, in the Board Room of the San Diego International Airport, SDCRAA Administration Building, 3225 N. Harbor Drive, San Diego, CA 92101.

**PLEDGE OF ALLEGIANCE:** Board Member Robinson led the pledge of allegiance.

**ROLL CALL:**

PRESENT:            Committee Members:        Gleason, Hubbs, Janney, Robinson

                         Board Members:            Boling, Cox

ABSENT:            Committee Members:        None

ALSO PRESENT:    Thella F. Bowens, President/CEO; Amy Gonzalez, General Counsel; Tony Russell, Director of Corporate & Information Governance/Authority Clerk; Ariel Levy-Mayer, Assistant Authority Clerk I

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

**NEW BUSINESS:**

**1.    APPROVAL OF MINUTES:**

RECOMMENDATION: Approve the minutes of the October 27, 2016 regular meeting.

**ACTION: Moved by Board Member Janney and seconded by Board Member Gleason to approve staff's recommendation. Motion carried unanimously.**

Chair Hubbs reported that Item 4 would be heard next.

**4.    SMALL BUSINESS DEVELOPMENT REPORT:**

Regina Brown, Manager, Small Business Development provided a presentation on Small Business Development Report which included an overview, parking plaza update, small business development opportunity awareness events and education and training.

**2. TERMINAL 2 PARKING PLAZA UPDATE:**

Bob Bolton, Director, Airport Design & Construction provided a presentation on the Terminal 2 Parking Plaza Update which included key project milestones, parking plaza site, construction progress, scope enhancements incorporated into the project, program budget, parking plaza costs and next steps.

Board Member Boling stated that she thought any potential scope enhancements would be brought back to the Board for approval.

Thella F. Bowens, President/CEO stated that staff would provide the Board's previous actions authorizing the list of priority scope enhancement items.

Board member Janney expressed concerns that since the Board approved the parking plaza project, the need for a Federal Inspection Services facility (FIS) came about. He suggested that maybe the savings from this project can help with funding the FIS or other projects.

In response to Board Member Boling's concern regarding staffs' comfort that the \$5.5 million savings in the parking plaza project is not needed in order to proceed with the FIS facility, Ms. Bowens stated that funds are allocated for each project based upon the entire Capital Improvement Program. She stated that the Authority could use the \$5.5 million for other projects, however, when we contract for a project, we have decided how that project fits into our overall program and does not diminish the priorities and strategies we have in place. She stated that every new project is going to impact the future in some way, but we have to look long term and determine how each project meets the strategies. She stated that the \$5.5 million dollars will make this project better. She stated that maybe the Board would like to look at the priorities again, which would have to happen soon if the Guaranteed Maximum Price is to be signed by the end of the month. She stated that based upon the project budget and the priorities in the project, staff made the decision authorized by the Board.

Scott Brickner, Vice President, Finance & Asset Management/Treasurer stated that the plan of finance shows that our metrics are strong and we can afford it.

**3. AIRPORT DEVELOPMENT PLAN BRIEFING:**

Angela Jamison, Interim Director, Airport Planning and Noise Mitigation provided a presentation on the Airport Development Plan (ADP) which included the Board approved concept, concept refinement, program definition, environmental status and the schedule.

In response to Board Member Janney's question regarding if the Authority is sure the airlines are okay with the relocation of the FIS, Thella F. Bowens, President/CEO stated that staff is talking with the airlines and that we are in constant negotiation. She stated that currently, and what is anticipated well into the future, is that the largest portion of our international service is going to be European and Asian. She stated that other airlines will add some international services, but that it is not unusual for airlines to have to tow their aircraft from the international gates to their regular holding gates. She stated the larger conversation will be how the airlines will be re-located to make FIS and ADP work.

Board Member Janney stated that he is against holding any space for non-airport revenue generating use because we may need it for airport use in the future.

John Dillion, Director, Financial Management provide a presentation on the FIS Financing Options which included short-term construction financing, Authority short-term credit facility and airport cash, issue bonds and the impact to financial metrics.

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

**COMMITTEE MEMBER COMMENTS:** None.

**ADJOURNMENT:** The meeting adjourned at 10:05 a.m.

APPROVED BY A MOTION OF THE CAPITAL IMPROVEMENT PROGRAM  
OVERSIGHT COMMITTEE THIS 24<sup>th</sup> DAY OF APRIL, 2017.

---

JEFFREY WOODSON  
VICE PRESIDENT, DEVELOPMENT

ATTEST:

---

ARIEL LEVY-MAYER  
ASSISTANT AUTHORITY CLERK I

# Capital Program Budget Fiscal Years 2018-2022

# 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 CIC Review Group – Director of Planning, Finance & Development
  - Recommendations are made for prioritization to the Capital Improvement Committee (CIC)



# CIP Project Development Process

- **CIC 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 Capital Improvement Committee (CIC) – CEO & Vice Presidents
- **Current Total Capital Program – 85 projects – \$1.177 Billion**
  - Capital Improvement Program (CIP) – \$631.4 Million
  - Rental Car Center – \$316.1 Million
  - Terminal 2 West FIS Build-out – \$229.5 Million

# Current Capital Program – Project Status

Project Location	Planning	Design	Construction	Closeout/Closed	Program*	Total
Airside	7	4	1	5	-	<b>17</b>
Terminal	5	5	4	4	-	<b>18</b>
Landside/Ancillary	12	8	2	15	-	<b>37</b>
Administrative	4	1	2	4	2	<b>13</b>
<b>Total</b>	<b>28</b>	<b>18</b>	<b>9</b>	<b>28</b>	<b>2</b>	<b>85</b>

\* Public Art Allowance and Capital Project Allowance

# Current FY2017 - 2021 Capital Program – Budget by Location

Project Location	# Projects	Program Budgets by Location
Airside	17	\$ 204,825,629
Terminal	18	117,849,314
Landside/Ancillary	37	826,320,430
Administrative	<u>13</u>	<u>28,005,974</u>
<b>Totals</b>	<b>85</b>	<b>\$ <u>1,177,001,347</u></b>

# Current FY2017 - 2021 Capital Program – Project Closeouts/Cancellations/Adjustments

Project Cancellations (5)	\$ (15,717,215)
Project Closeouts (16)	(72,989,306)
Project Adjustments (46)	6,619,949
Rental Car Center	<u>(313,124,104)</u>
<b>Total FY2017 Closeouts/Cancellations/Adj.</b>	<b>\$ <u>(395,210,676)</u></b>

# Capital Program Budget Summary

FY 2017 - 2021 Capital Program	\$ 631,403,029
Rental Car Center	<u>316,124,104</u>
<b>FY 2017 - 2021 Beginning Capital Program Budget</b>	<b>\$ 947,527,133</b>
Terminal 2 West FIS Build-out	229,474,214
FY 2017 - 2021 Project Closeouts/Cancellations/Adjustments	\$ <u>(395,210,676)</u>
<b>FY 2017 - 2021 Ending Capital Program Balance</b>	<b>\$ 781,790,671</b>

# Proposed New FY2018-2022 CIP Projects

	Description	Estimated Budget
1)	Airfield Stormwater Treatment Control BMPs	\$ 5,852,900
2)	FAR Part 150 Study Update	1,800,000
3)	Rehabilitate Cross Taxiways C1, C2, C5 & D	12,050,200
4)	Airside Electric Vehicle Supply Equipment	4,718,150
5)	Landside Electric Vehicle Supply Equipment	2,725,100
6)	Replace Baggage Screening Equipment	10,000,000
7)	Airline Relocations at T1W and T2E	25,000,000
8)	Terminal 2 Post Security Information Desk	589,900

# Proposed New FY2018-2022 CIP Projects

	Description	Estimated Budget
9)	Identity Management System	\$ 931,000
10)	Battery Energy Storage	697,600
11)	Northside Utility Infrastructure	24,279,700
12)	Northside RON Parking – Phase I	40,365,850
13)	Northside RON Parking – Phase II	23,282,300
14)	Bus Parking, Propane/CNG Rack, Ground Transportation Ops	30,699,550
15)	Northside Airport Parking	13,755,790
16)	Cell Phone Lot Relocation	1,528,315



# Proposed New FY2018-2022 CIP Projects

	Description	Estimated Budget
17)	Airline Provisioning & Belly Cargo	\$ 32,185,810
18)	Airline Maintenance Facility	31,022,705
19)	Facilities Maintenance Department Shops, Storage and Offices	33,328,350
20)	Fuel Rack Relocation & Hydrant Fueling FIS Gates	51,433,275
21)	Solid Waste Disposal and Recycling Facility	10,444,300
22)	Triturator and Vehicle Wash Facility	7,693,930
23)	Stormwater/Condensate Reuse	<u>50,196,850</u>
	<b>Total FY2018-2022 Proposed New Capital Projects</b>	<b>\$ 414,581,575</b>

# Proposed FY2018-2022 Capital Project Adjustments/ Allowances

	Description	Current Budget	Additional Budget	Estimated Budget
1)	Rehabilitate T1 Loop Pavement (2019)	5,582,000	305,600	5,887,600
2)	Rehabilitate T2E Loop Pavement (2020)	2,111,000	163,220	2,274,220
3)	Relocate Taxiway A (2021-2022)	36,900,000	1,723,450	38,623,450
4)	Capital Project Allowance (FY2018)	-	5,000,000	5,000,000
5)	Public Art Allowance	1,113,026	126,167	1,239,193
6)	FMD Capital Allowance (FY2018-2022)	10,024,713	<u>4,120,129</u>	14,144,842
<b>Total Proposed Current CIP Project Adj./Allowances</b>		<b>11,438,566</b>		
<b>Total Proposed FY2018-2022 New Capital Projects</b>		<b>414,581,575</b>		
<b>Total FY 2018-2022 Proposed New CIP Project &amp; Allowance</b>		<b>\$ <u>426,020,141</u></b>		

# Capital Program Budget Summary

FY 2017 - 2021 Capital Program	\$ 631,403,029
Rental Car Center	<u>316,124,104</u>
<b>FY 2017 - 2021 Beginning Capital Program Budget</b>	<b>\$ 947,527,133</b>

Terminal 2 West FIS Build-out	229,474,214
FY 2017 - 2021 Project Closeouts/Cancellations/Adjustments	\$ <u>(395,210,676)</u>
<b>FY 2017 - 2021 Ending Capital Program Balance</b>	<b>\$ 781,790,671</b>

Proposed FY 2018 - 2022 Capital Projects/Allowances	\$ <u>426,020,141</u> *
<b>Proposed FY 2018 - 2022 Capital Program Budget</b>	<b>\$ <u>1,207,810,812</u></b>

\* Pending Board approval

# Current/Proposed Capital Program – Project Locations

Capital Program Budget:

\$1,177,001,346

\$1,207,810,812

Project Location	FY2017-2021	FY2018-2022
Airside	15	18
Terminal	18	16
Landside/Ancillary	39	36
Administrative	<u>13</u>	<u>16</u>
<b>Totals</b>	<b>85</b>	<b>86</b>

# Prioritization Criteria

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

# Airfield Stormwater Treatment Control BMPs



# Airfield Stormwater Treatment Control BMPs

## Scope:

- Design/Install treatment control BMPs to reduce copper & zinc levels in water runoff
- Comply with State Industrial General Permit & San Diego County MS4 Permit to prevent pollution of San Diego bay & avoid fines for non-compliance
- Utilize construction of other Airport projects to install drains, etc.

## Strategies:

- Customer
- Operations

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

Estimated Cost	Duration
\$5,852,900	18 months

# FAR Part 150 Study Update

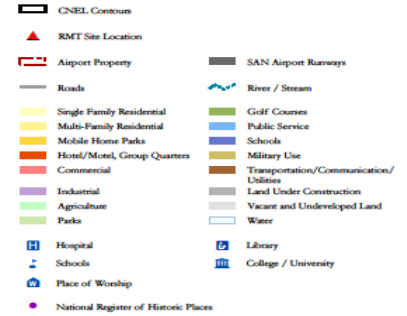


SAN DIEGO  
INTERNATIONAL  
AIRPORT

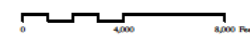
14 CFR Part 150 Update

## Forecast Condition (2014) Noise Exposure Map

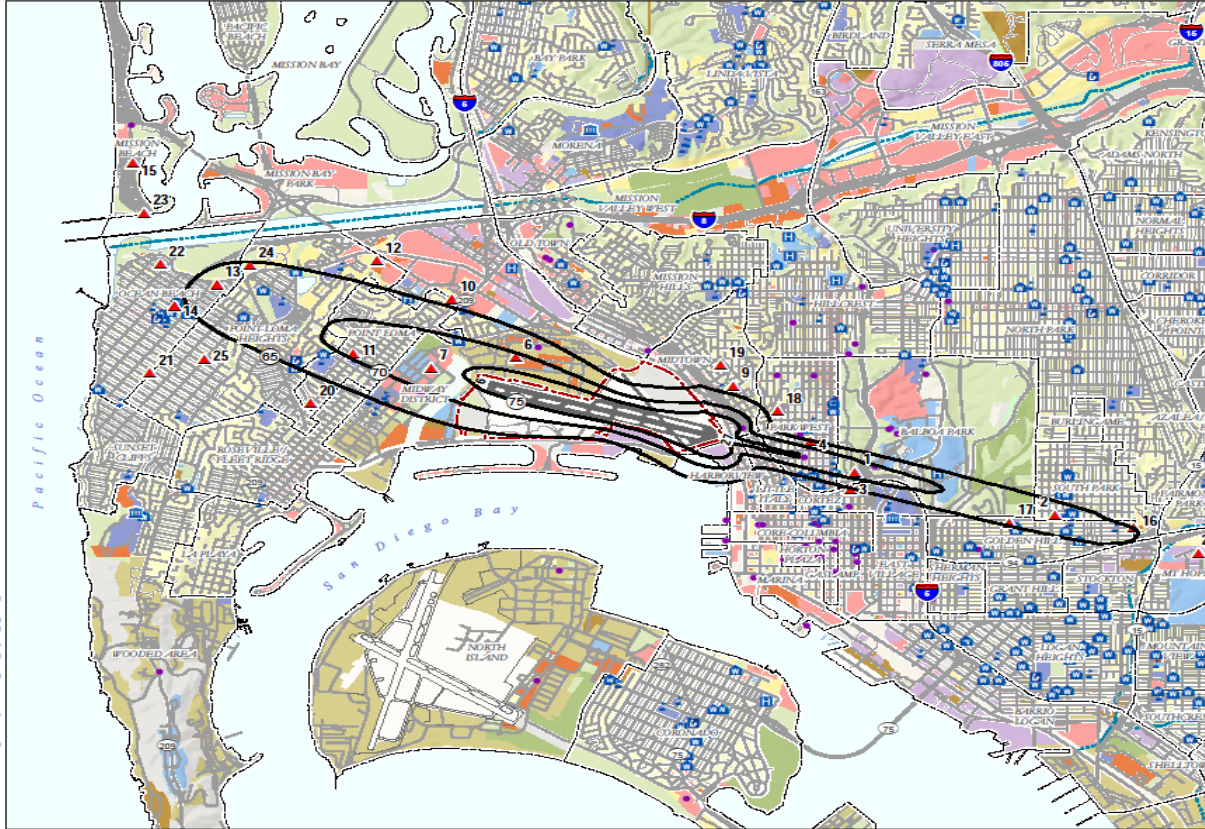
Figure 3



Data Sources: San Diego International Airport; San Diego Association of Governments (SANDAG); City of San Diego and County of San Diego (SanGIS); Environmental Systems Research Institute, Inc. (ESRI).



HARRIS MILLER MILLER & HANSON INC.



HARRIS MILLER MILLER & HANSON INC. SAN DIEGO, CA 92161



# FAR Part 150 Study Update

## Scope:

- Update Noise Exposure Maps (NEMs) using FAA software & develop Noise Compatibility Program (NCP) report
- Provides detailed existing & 5-year future airport/aircraft noise exposure patterns
- Evaluate Noise Abatement and Noise Mitigation options/program (QHP)
- Potential funding from AIP Grant

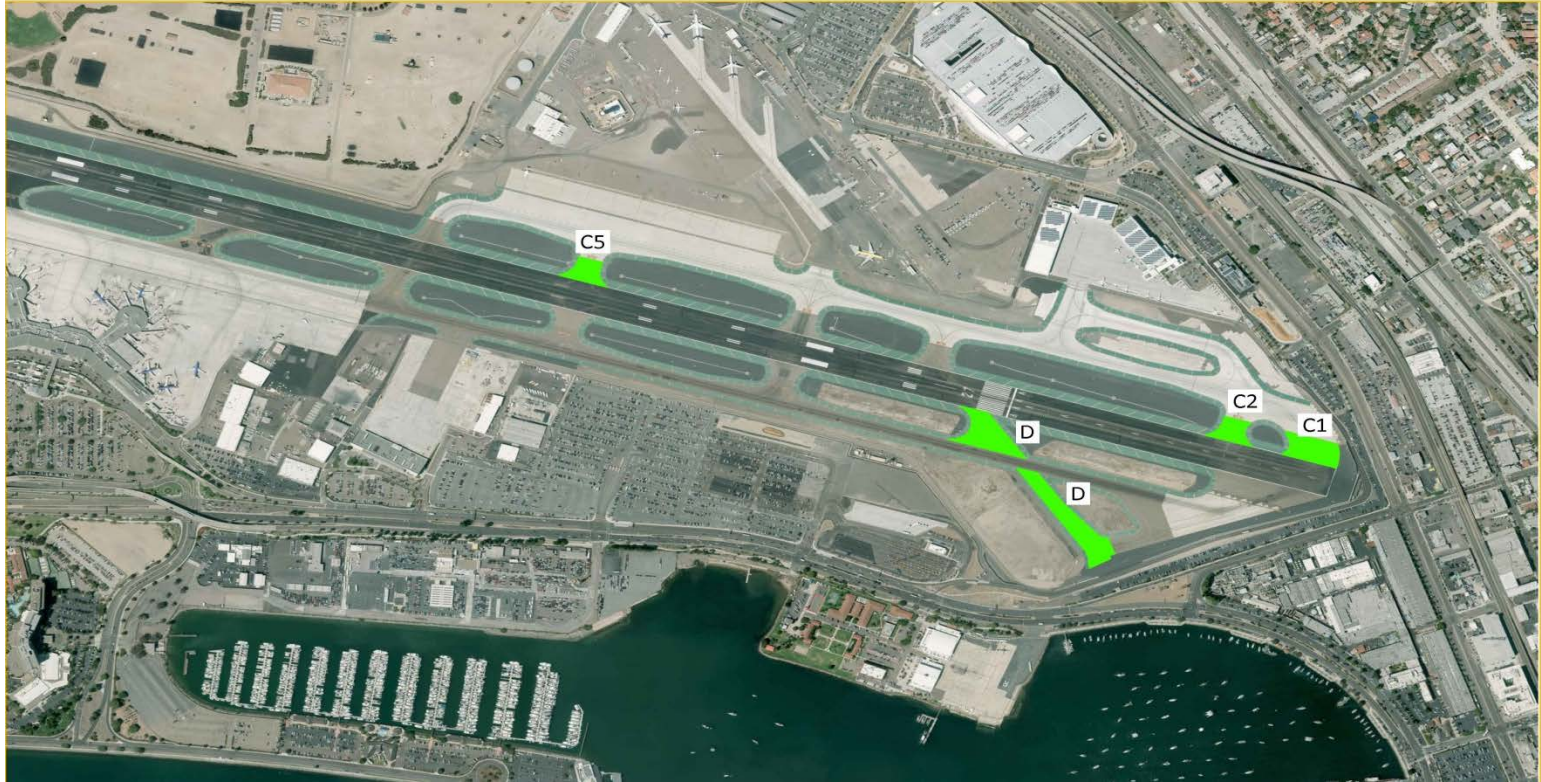
## Strategies:

- Customer
- Operations
- Community

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

Estimated Cost	Duration
\$1,800,000	24 months

# Rehabilitate Cross Taxiways C1, C2, C5 & D



# Rehabilitate Cross Taxiways C1, C2, C5 & D

## Scope:

- Rehabilitate cross taxiways per 2015 Pavement Management Study
- Mill and overlay nominal 5-6" full depth asphalt replacement on taxiways C2, C5 & D
- Reconstruct a portion of taxiway C1 with concrete pavement

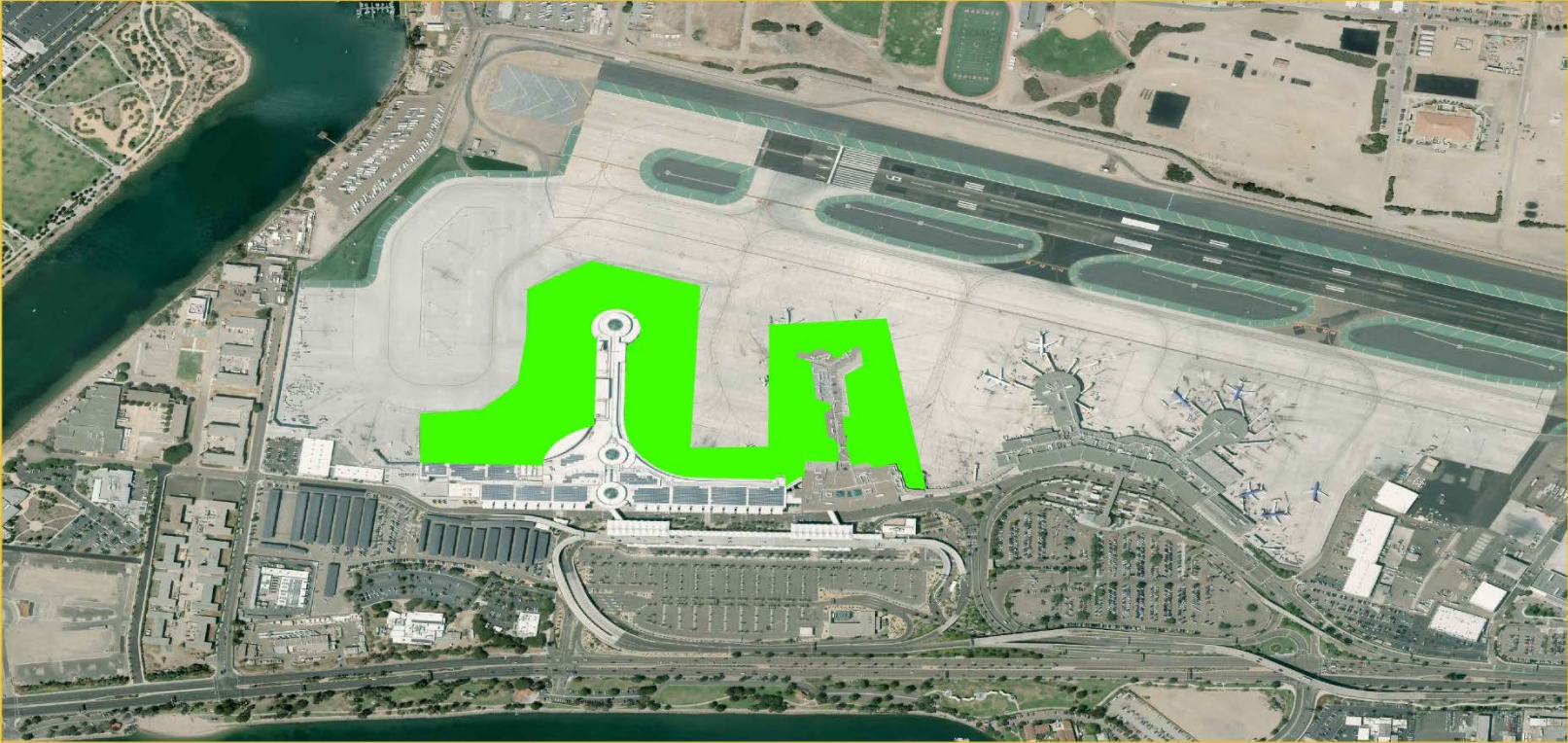
## Strategies:

- Customer
- Operations

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

Estimated Cost	Duration
\$12,050,200	20 months

# Airside Electric Vehicle Supply Equipment



# Airside Electric Vehicle Supply Equipment

**Scope:**

- Install approximately 75 Electrical Vehicle Supply Equipment (EVSE) ports at T2 gates
- Replace approximately 25 outdated EVSE ports at T2 gates
- More flexibility in assigning gates to airlines with electric equipment
- Potential funding from SDG&E or VW Settlement

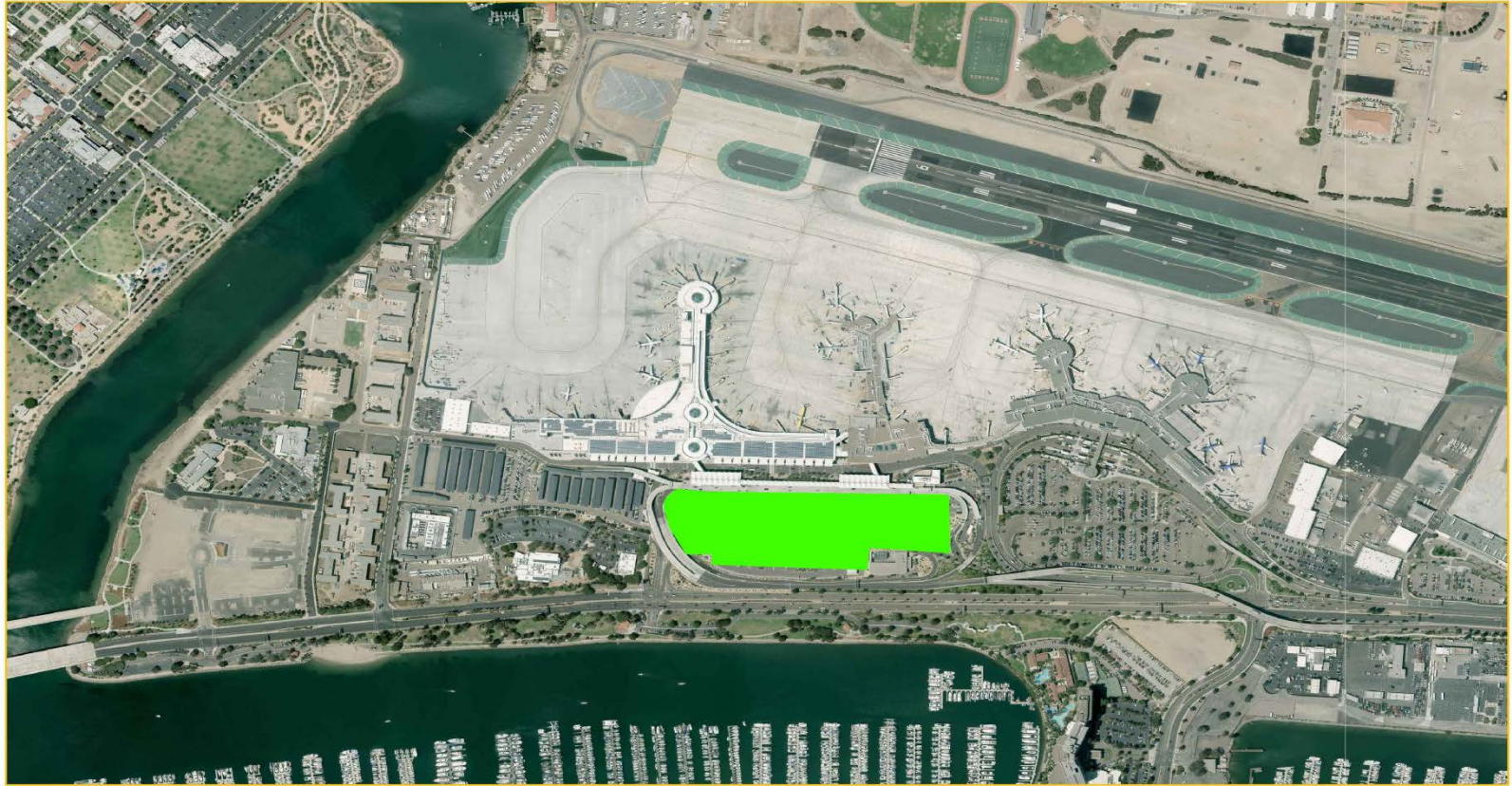
**Strategies:**

- Financial
- Customer
- Operations

<b>5</b>	<b>Enhance customer service / revenue / cost savings</b>
----------	--

Estimated Cost	Duration
\$4,718,150	18 months

# Landside Electric Vehicle Supply Equipment



# Landside Electric Vehicle Supply Equipment

## Scope:

- Install up to 65 EVSE ports at T2 Parking Plaza and other parking areas
- Better meet passenger and employee demand for electric vehicle charging
- Potential funding from SDG&E or VW Settlement

## Strategies:

- Financial
- Customer
- Operations

<b>3</b>	<b>Preserve Airport access, roadways, and parking</b>
----------	---

Estimated Cost	Duration
\$2,725,100	17 months

# Replace Baggage Screening Equipment





# Replace Baggage Screening Equipment

## Scope:

- Replace 7 Explosive Detection System (EDS) units in T1E and T2E and supporting equipment
- Current equipment unable to meet latest standards set by TSA; outdated software
- TSA to reimburse for installation & integration of units

## Strategies:

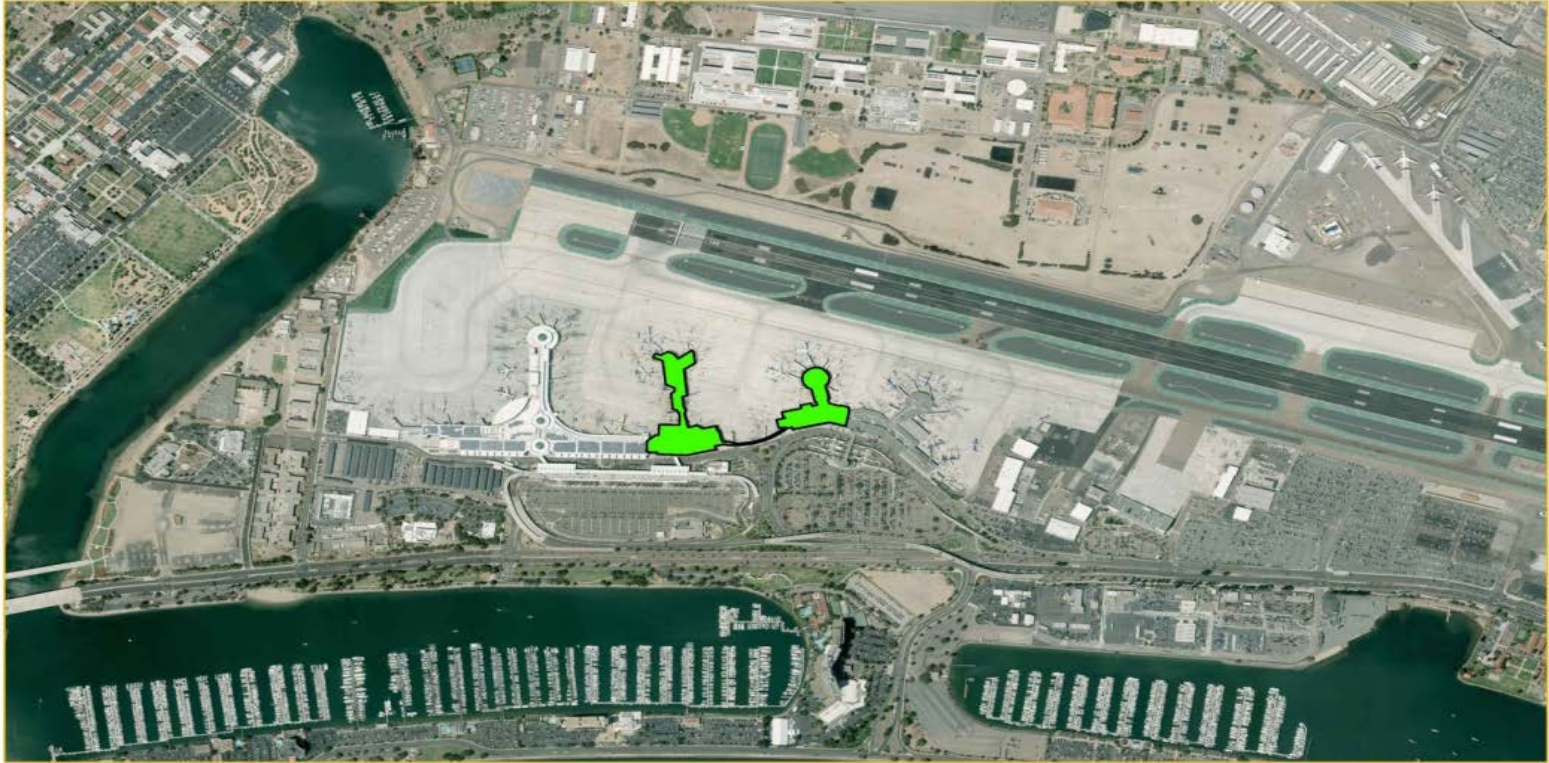
- Customer
- Operations

2

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

Estimated Cost	Duration
\$10,000,000	18 months

# Airline Relocations at T1W and T2E



# Airline Relocations at T1W and T2E

## Scope:

- Provide common use processors (CUP) in T1W
- Build-out new airline offices in existing FIS & airline spaces in T1W & T2E
- Build-out additional lane at T2E security checkpoint
- Supports airline growth

## Strategies:

- Financial
- Customer
- Operations

2

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

Estimated Cost	Duration
\$25,000,000	24 months

# Terminal 2 Post Security Information Desk



# Terminal 2 Post Security Information Desk

## Scope:

- New desk at entrance to Sunset Cove
- Equip with computers, phone, etc.
- Enhance customer service

## Strategies:

- Customer
- Operations

<b>5</b>	<b>Enhance customer service / revenue / cost savings</b>
----------	--

Estimated Cost	Duration
\$589,900	18 months

# Identity Management System



# Identity Management System

## Scope:

- Procure system that integrates access control, fingerprinting & computer-based training into a single interface
- Integration of TSA vetting/credentialing process with Authority's system
- Provides a more efficient management of individual identities and security credentials

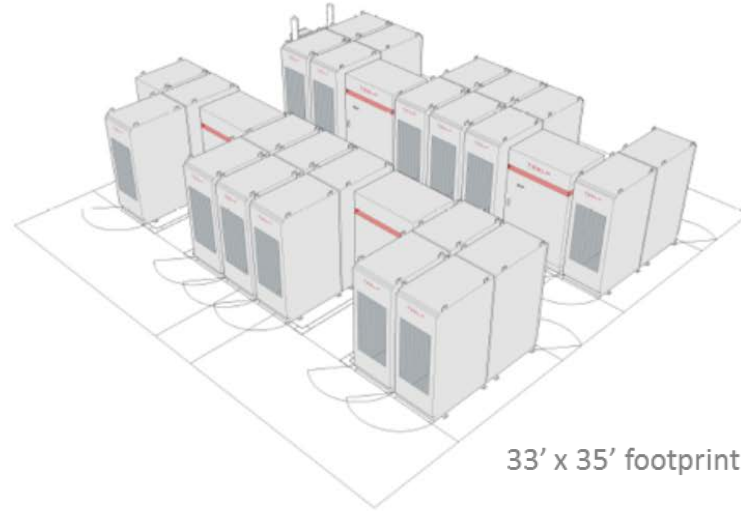
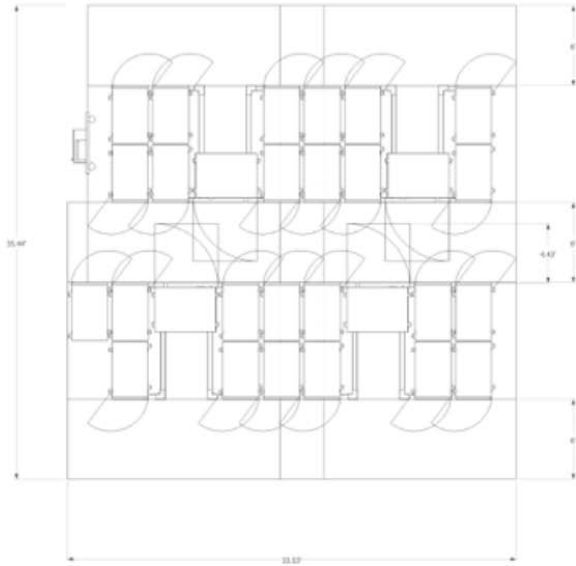
## Strategies:

- Financial
- Operations

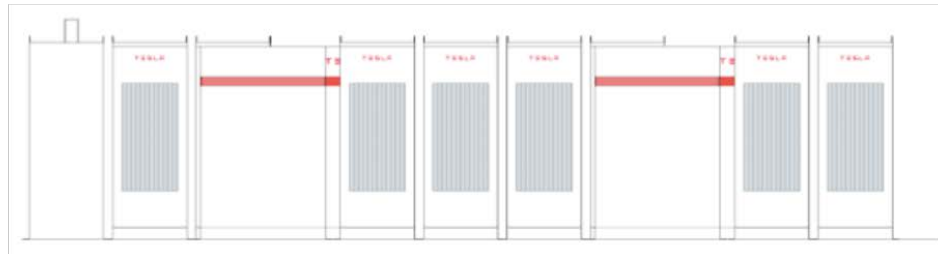
4	Enhance safety or security
---	----------------------------

Estimated Cost	Duration
\$931,000	16 months

# Battery Energy Storage



33' x 35' footprint





# Battery Energy Storage

## Scope:

- Install up to 2.5 MW battery energy storage systems
- Tie system into the 12 kV micro-grid to charge/discharge stored energy
- Reduce peak electricity demand and associated costs

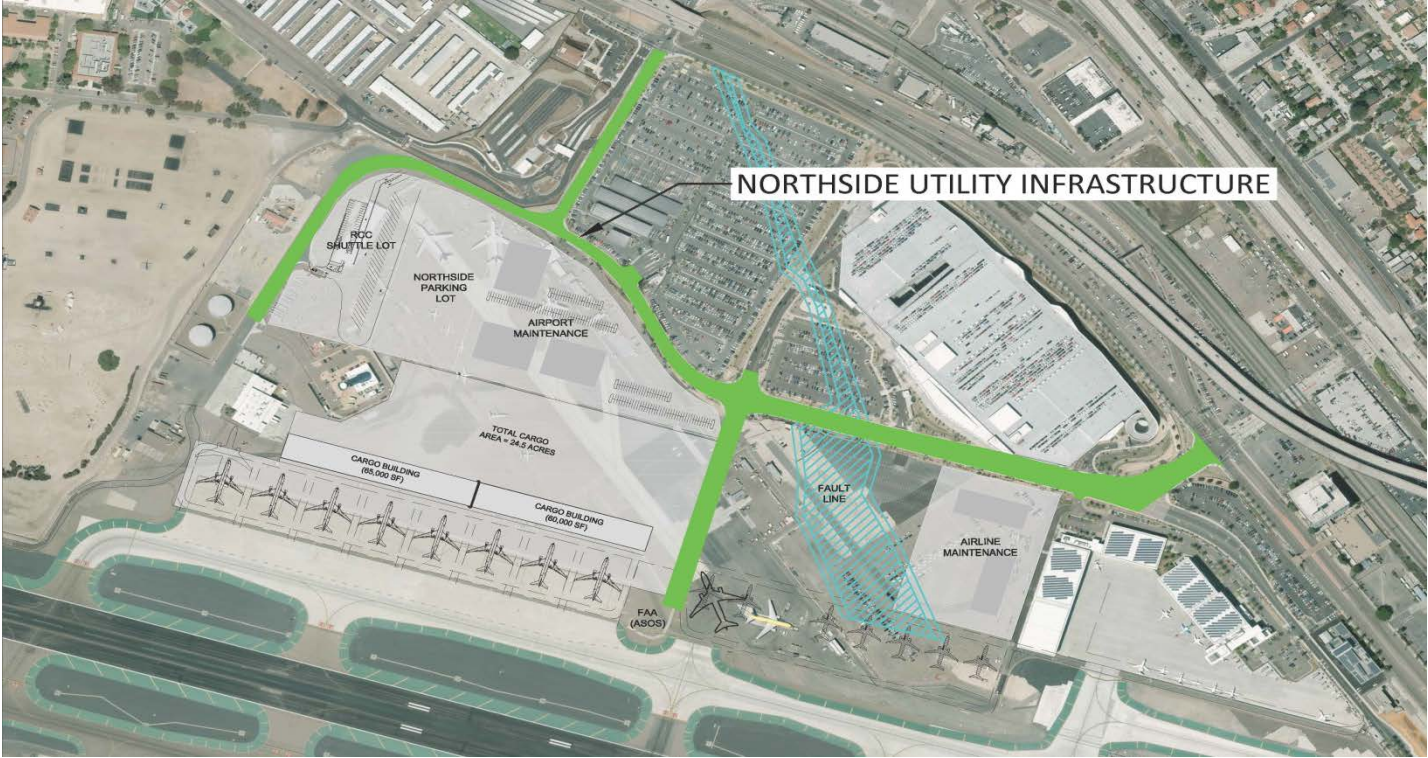
## Strategies:

- Financial
- Operations

<b>5</b>	<b>Enhance customer service / revenue / cost savings</b>
----------	--

Estimated Cost	Duration
\$697,600	8 months

# Northside Utility Infrastructure



# Northside Utility Infrastructure

## Scope:

- Provide new common site infrastructure - utilities, roads, exterior lighting, AOA gate and AOA fencing for Northside improvements including Airline Maintenance, Busing Operations, Airport Parking, North Cargo and North RON's
- Utilities include water, sewer, gas, electric and communications

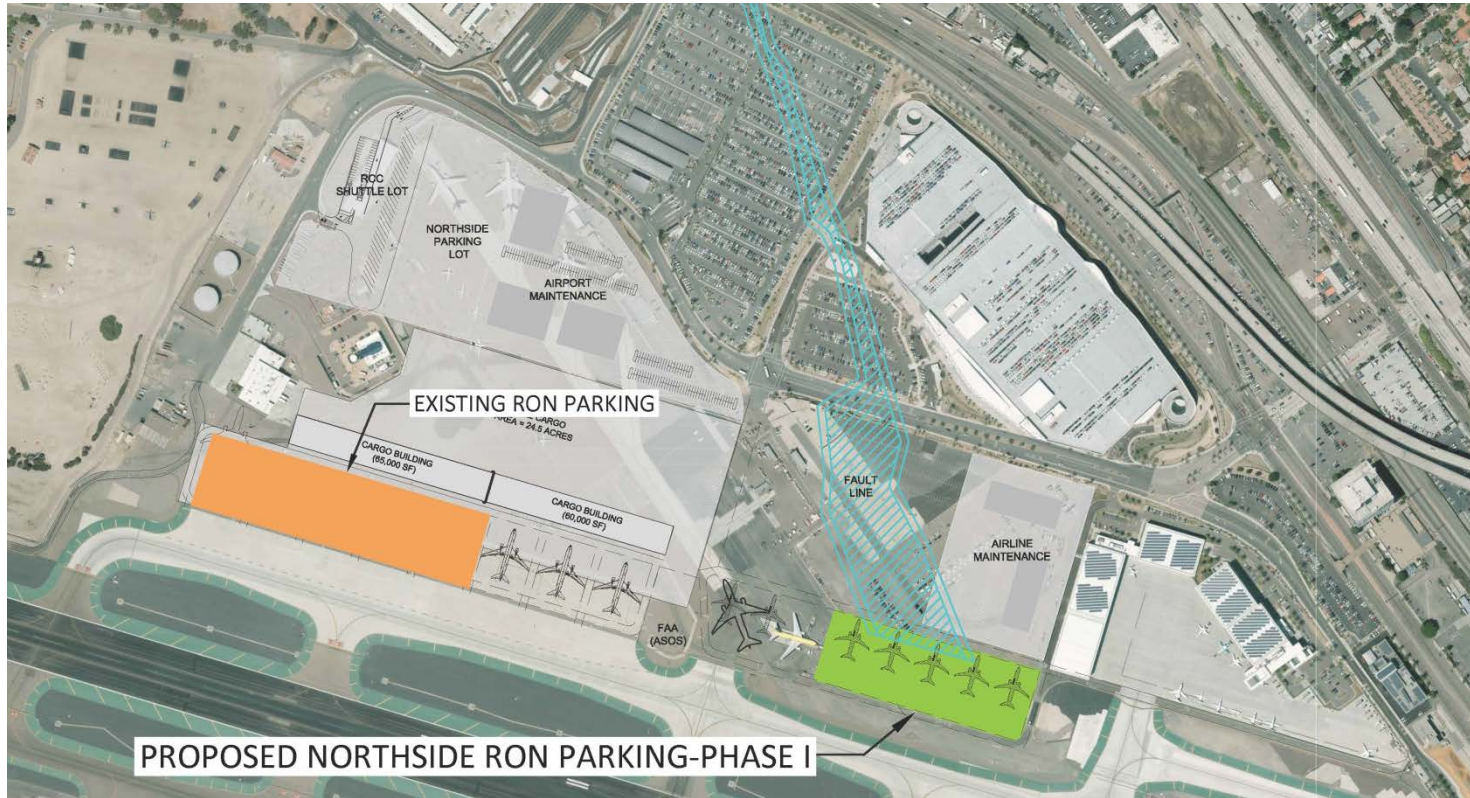
## Strategies:

- Operations
- Customer

5	Enhance customer service / revenue / cost savings
---	---

Estimated Cost	Duration
\$24,279,700	22 months

# Northside RON Parking – Phase I



# Northside RON Parking – Phase I

## Scope:

- Phase I - provide 5 new Group III Remain Overnight concrete parking positions
- Phase I enables access to the existing Cargo facilities while the new North Cargo Facility is constructed

## Strategies:

- Financial
- Operations
- Customer

5	Enhance customer service / revenue / cost savings
---	---

Estimated Cost	Duration
\$40,365,850	19 months

# Northside RON Parking – Phase II



# Northside RON Parking – Phase II

## Scope:

- Phase II - Provide 3 new Group III Remain Overnight concrete parking positions
- Phase II is after Cargo operators move into new North Cargo Building

## Strategies:

- Financial
- Operations
- Customer

<b>5</b>	<b>Enhance customer service / revenue / cost savings</b>
----------	--

Estimated Cost	Duration
\$23,282,300	18 months





# Bus Parking, Propane/CNG Rack & Ground Transportation Operations

## Scope:

- Relocate Bus Parking and Ground Transportation operations to the Northside
- Includes new asphalt paving, service buildings and fueling facility

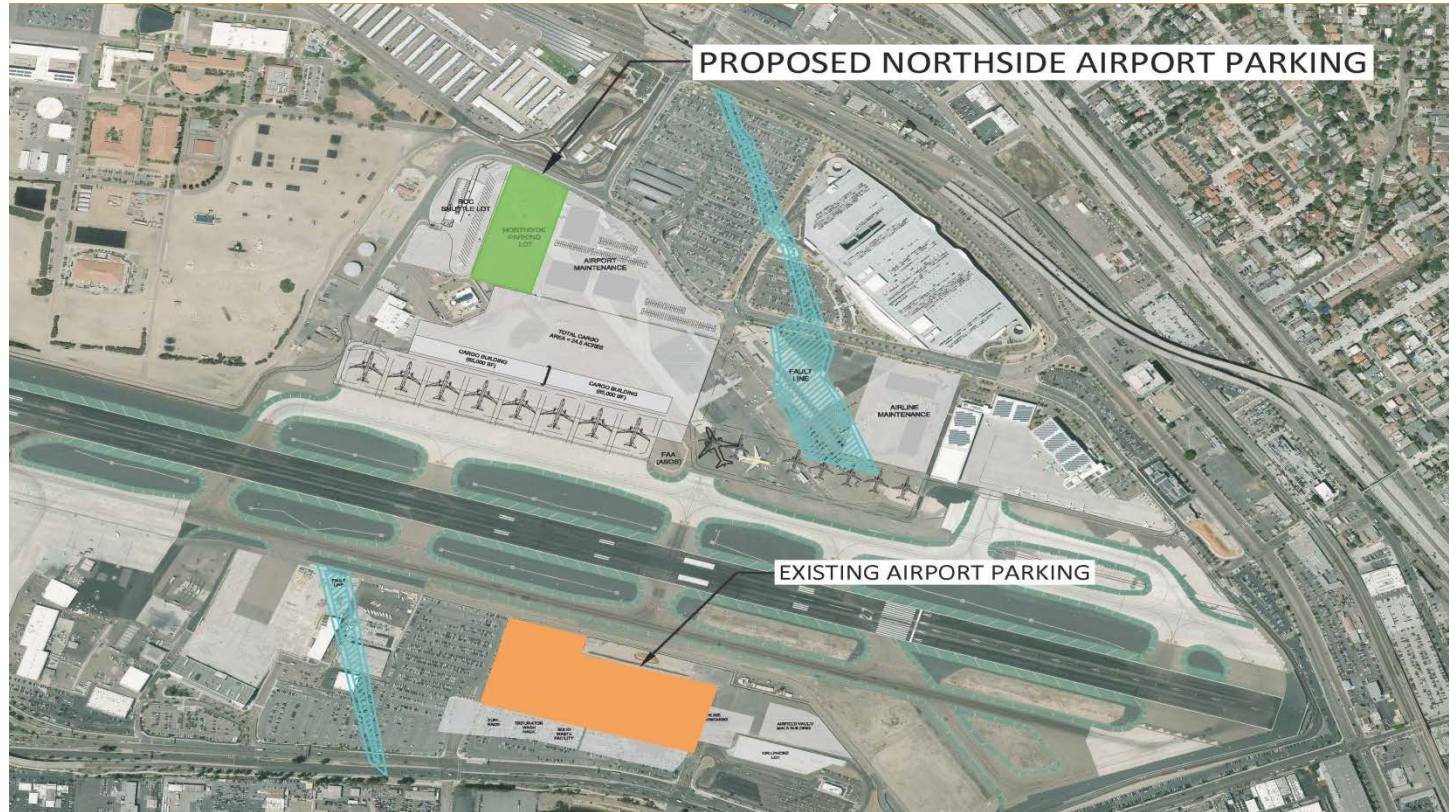
## Strategies:

- Financial
- Operations
- Customer

<b>5</b>	<b>Enhance customer service / revenue / cost savings</b>
----------	--

Estimated Cost	Duration
\$30,699,550	19 months

# Northside Airport Parking



# Northside Airport Parking

## Scope:

- New asphalt parking lot on Northside for Airport general use
- Located to streamline busing operations between Busing facility, RCC and Terminals

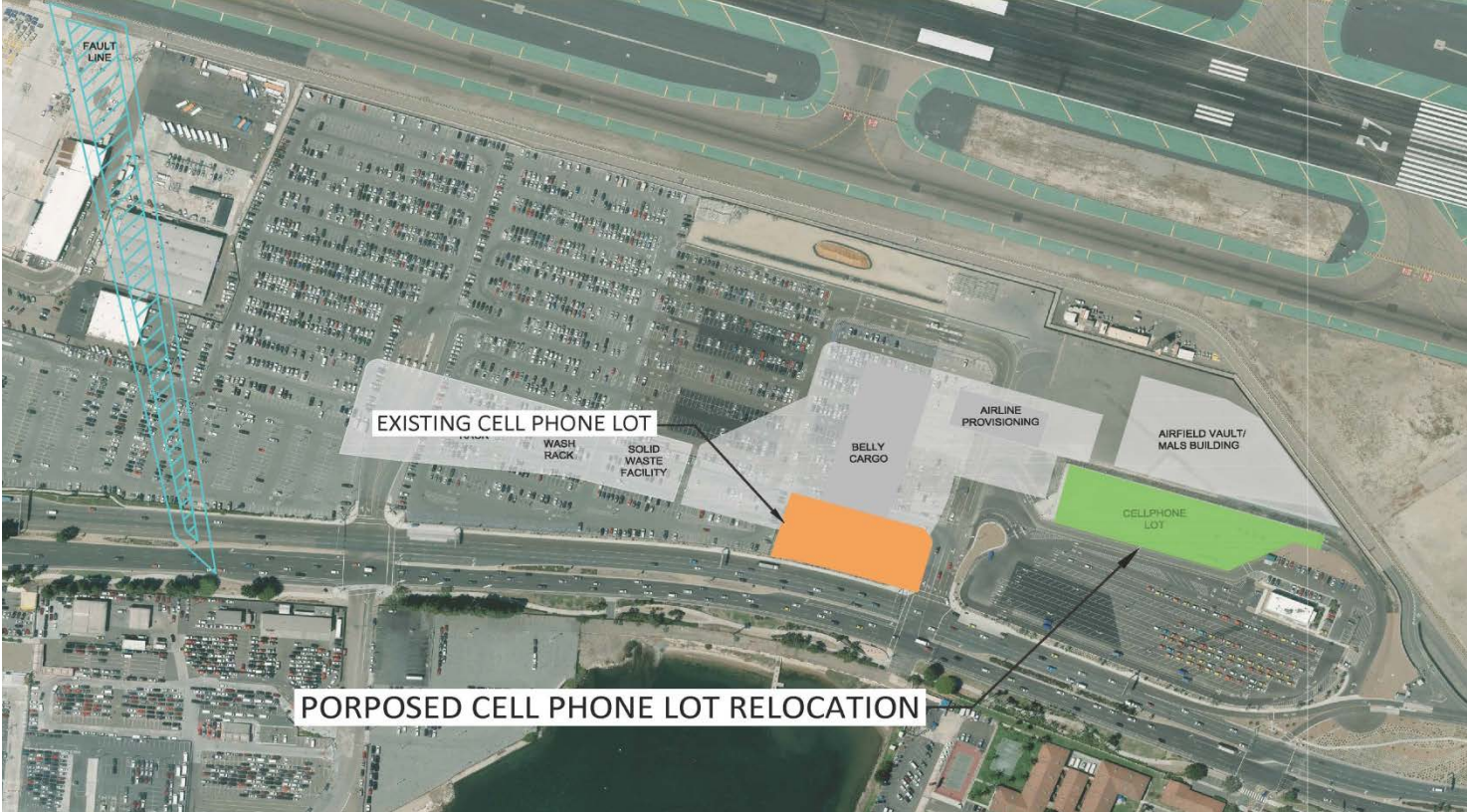
## Strategies:

- Financial
- Operations

<b>5</b>	<b>Enhance customer service / revenue / cost savings</b>
----------	--

Estimated Cost	Duration
\$13,755,790	19 months

# Cell Phone Lot Relocation



# Cell Phone Lot Relocation

## Scope:

- Relocate existing Cell Phone wait lot to existing Bus Parking facility on South side
- Includes striping, cctv cameras, video display, etc.

## Strategies:

- Financial
- Operations

5	Enhance customer service / revenue / cost savings
---	---

Estimated Cost	Duration
\$1,528,315	16 months



# Airline Provisioning & Belly Cargo

## Scope:

- New airline provisioning and cargo facilities located on South side with both public & airfield access to facilities
- Includes airfield paving & fencing, parking and new multi-use building

## Strategies:

- Financial
- Operations
- Customer

5	Enhance customer service / revenue / cost savings
---	---

Estimated Cost	Duration
\$32,185,810	24 months

# Airline Maintenance Facility





# Airline Maintenance Facility

## Scope:

- Northside facility to service airline support equipment with airfield access
- Includes industrial building, parking lot, utilities, lighting, fencing, etc.

## Strategies:

- Financial
- Operations
- Customer

<b>5</b>	<b>Enhance customer service / revenue / cost savings</b>
----------	--

Estimated Cost	Duration
\$31,022,705	23 months



# FMD Shops, Storage & Offices

## Scope:

- New Facilities Maintenance Department campus with offices, shops and warehouse relocated to the North side
- Includes 7 shop buildings, 12 portable trailers, storage containers, parking, etc.

## Strategies:

- Financial
- Operations

5	Enhance customer service / revenue / cost savings
---	---

Estimated Cost	Duration
\$33,328,350	24 months



# Fuel Rack Relocation & Hydrant Fueling

## Scope:

- Relocate 6 truck fueling stations to two new locations: one near T2 West and one near Liberator Way
- Extend hydrant fueling lines to new FIS Gates 47 – 51 and provide gate hydrant fueling

## Strategies:

- Operations
- Customer

5	Enhance customer service / revenue / cost savings
---	---

Estimated Cost	Duration
\$51,433,275	24 months

# Solid Waste Disposal & Recycling Facility



# Solid Waste Disposal & Recycling Facility

## Scope:

- Provides containment for airport solid waste operations to ensure regulatory compliance for both stormwater and industrial waste permits
- Provides recycling to segregate reusable materials
- Includes building, cctv cameras, pavement markings, fencing, utilities & lift-arm gate

## Strategies:

- Operations
- Customer

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

Estimated Cost	Duration
\$10,444,300	23 months

# Triturator and Vehicle Wash Facility





# Triturator and Vehicle Wash Facility

## Scope:

- Relocate and organize airline support facilities on the South side
- Includes triturator for airline waste and a vehicle wash facility

## Strategies:

- Operations
- Customer

<b>5</b>	<b>Enhance customer service / revenue / cost savings</b>
----------	--

Estimated Cost	Duration
\$7,693,930	23 months

# Stormwater/Condensate Reuse



# Stormwater/Condensate Reuse

## Scope:

- Collect, treat and reuse stormwater for irrigation, cooling tower, Terminal gray water and RCC vehicle washes
- Regulatory compliance

## Strategies:

- Financial
- Customer
- Community

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

Estimated Cost	Duration
\$50,196,850	24 months

QUESTIONS?