



# Construction Network San Diego Transportation Panel

Prepared by Airport Design & Construction

November 13, 2024

# FY 25-29 Capital Program - Project Locations

Project Location	FY2025-2029
Airside	20
Terminal	19
Landside	13
Administrative	18
Totals	70

# FY2025-2029 Capital Program - Project Locations

*(in thousands)*

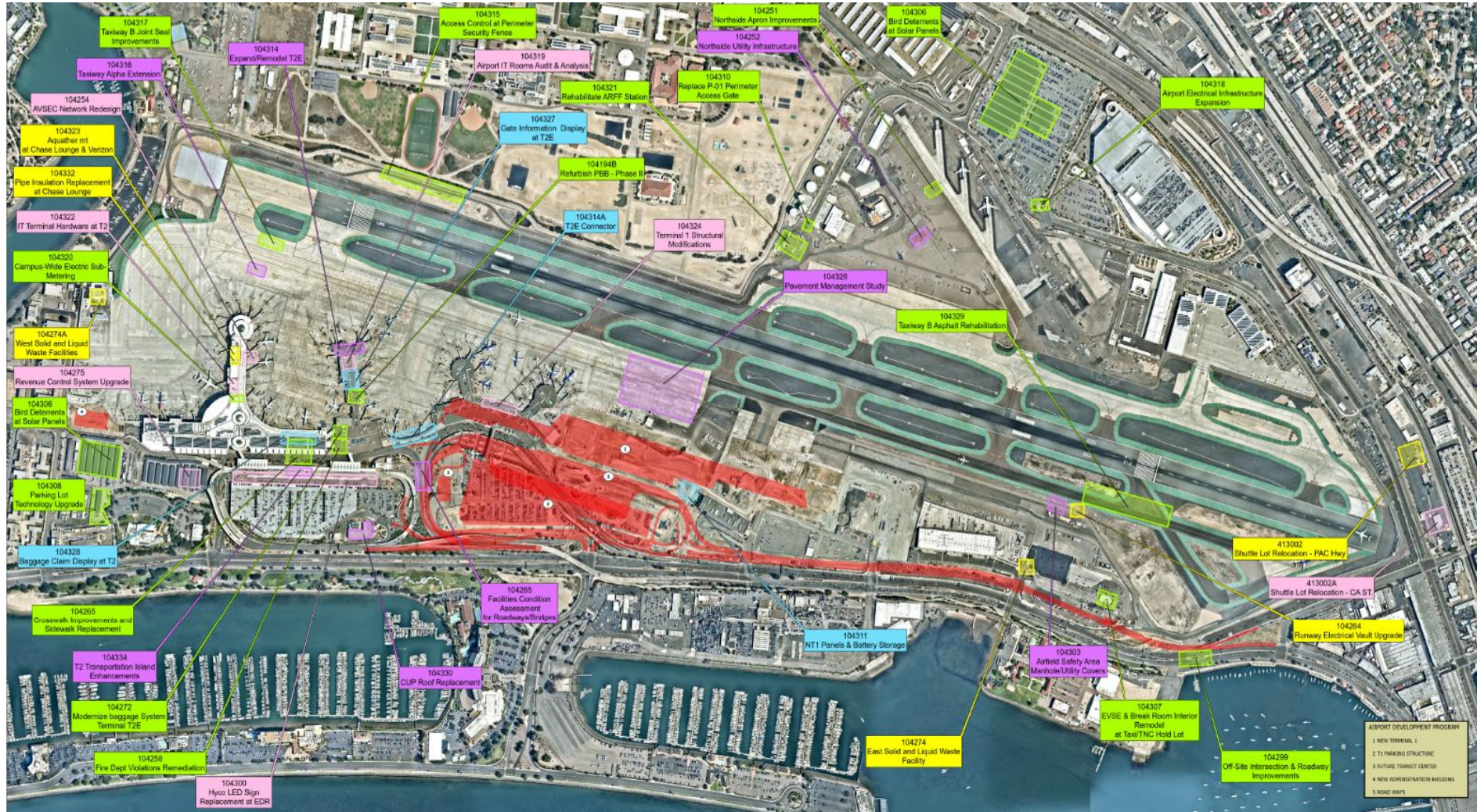
Location	New T1	CIP	Total
Terminal	\$2,949,483	\$123,021	<b>\$3,072,503</b>
Landside	420,998	136,831	<b>557,829</b>
Airside	356,519	93,513	<b>450,033</b>
Administrative	107,300	76,674	<b>183,974</b>
<b>Total</b>	<b>\$3,834,300</b>	<b>\$430,039</b>	<b>\$4,264,339</b>

# Capital Improvement Program Status

Capital Improvement Projects	Planning	Schematic design	Design & Bid	Construction	Closeout	Total
	10	4	13	7	9	43

5- Year CIP	# Projects Closed	\$ Projects Closed
FY-2020	15	\$ 277,000,000
FY-2021	5	\$ 19,000,000
FY-2022	7	\$ 59,000,000
FY-2023	26	\$ 52,000,000
FY-2024	9	\$ 24,000,000
<b>Total</b>	<b>62</b>	<b>\$ 431,000,000</b>



# Major Projects in Planning Phase

# CIP 104314: Expand/Remodel T2E

Project Manager: Kurt Schultz

Project Sponsor: Angela Shafer-Payne

Approved Project Budget: \$30M

Phase: Planning

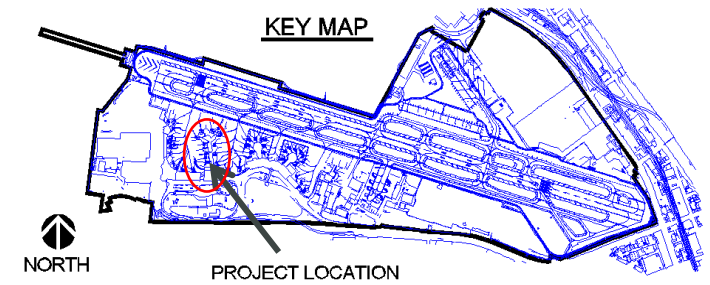
Environmental Entitlements Clearance: No

## SCOPE

- Provide a secure connection between terminals.
- Relocate & restore gates 20-21.
- Maintain a T2E 13-gate layout and improve PAX and LOS including; holdrooms, restrooms, and concessions spaces.
- Improve operations/passenger flows within Headhouse including; security checkpoint, ticketing, and support spaces.

## PROJECT MILESTONES

- ✓ T2E Connector PDD Completion: Spring 2024
- T2E PDD Completion: Spring 2025
- T2E Connector Procurement Starts Fall 2024



T2E & Connector Full-Build Plan

# CIP 104311: NT1 PV & Battery Storage Systems

Project Manager: Kurt Schultz

Project Sponsor: Cogan Semler

Approved Project Budget: \$1.36M

Phase: Schematic Design

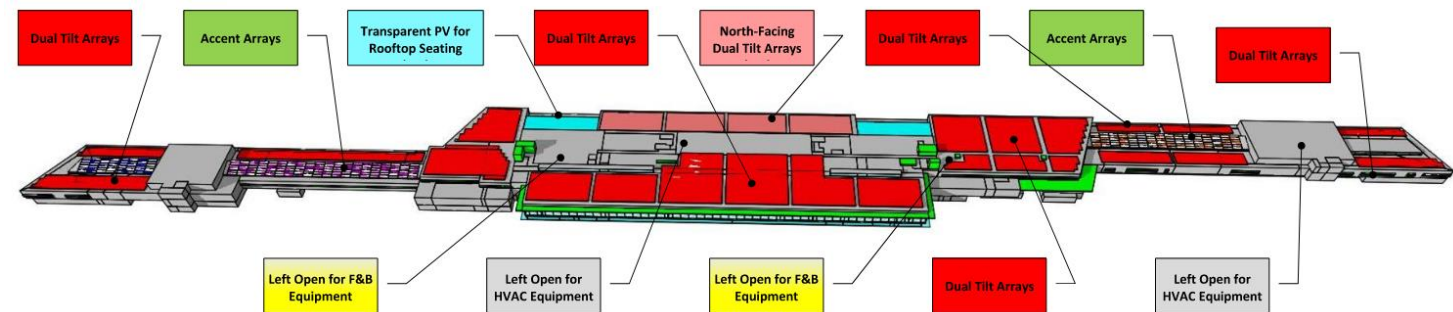
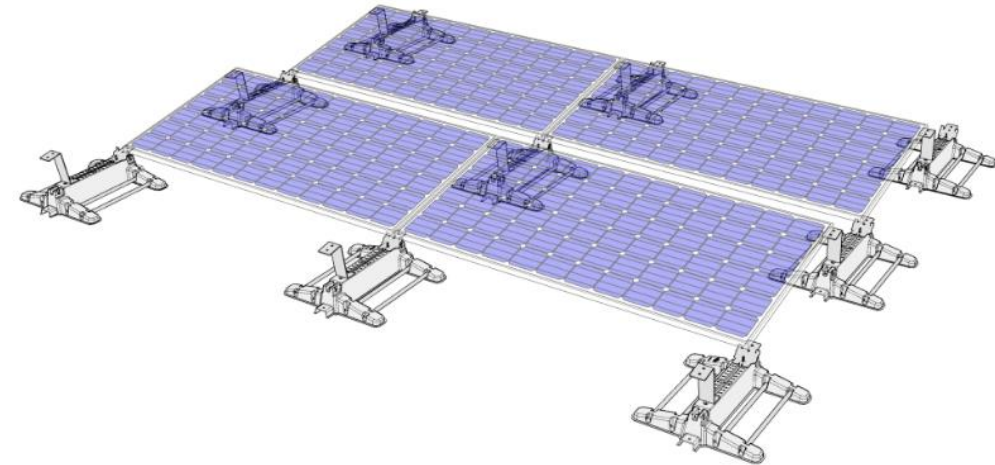
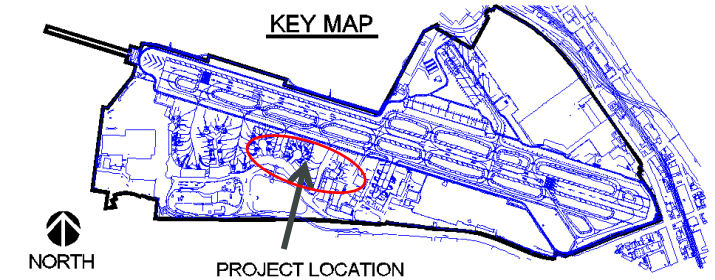
Environmental Entitlements Clearance: No

## SCOPE

- Project will analyze a cost-effective approach/size/timing to install & operate NT1 PV panels and battery storage systems.
- The project will be procured using a Request for Proposal (RFP) for a Power Purchase Agreement (PPA).

## PROJECT MILESTONES

- NT1 PV RFP Target Release: Fall 2024



# Projects in Design & Bid phase to be advertised soon



Advertise for Bids	Anticipated Board Award	CIP Project Number & Name	Construction ROM	Trades
<b>Oct 2024-CIP Projects to be Advertised for Bid Soon</b>				
Oct 2024	Jan 2025	CIP 104272- Modernize Baggage Handling System at T2E	\$17,300,000	02 - Concrete- 07 - Electrical, 09 - Fire Protection, 11 - Hauling Demo, 17 - Millwork, 18 - Painting, 27 - Telecommunications, 35- Equipment
Nov 2024	Jan 2025	CIP 104317- Taxiway B Joint Seal Improvements	\$2,300,000	02- Concrete, 19- Paving, 25- Striping
Dec 2024	Mar 2025	CIP 104258 - Fire Department Code Compliance	\$950,000	01 - Carpentry, 05 - Drywall, 07 - Electrical, 09 - Fire Protection, 11 - Hauling Demo, 12 - Hazmat Abatement, 16 - Mechanical, 17 - Millwork, 18 - Painting, 20 - Plumbing, 24 - Signage, 27 - Telecommunications, 33 - Ceiling & Finishes
Dec 2024	April 2025	CIP 104315-Access Control at Perimeter Fence	\$2,000,000	04 - Dry Utilities, 07 - Electrical, , 26 - Surveillance, 27 - Telecommunications,
Jan 2025	Mar 2025	CIP 104320- Campuswide Electric Submetering	\$2,100,000	07 - Electrical, 09 - Fire Protection, 11 - Hauling Demo, 17 - Millwork, 18 - Painting, 27 - Telecommunications, 35 -Equipment
Mar 2025	July 2025	CIP 104321 - Rehabilitate ARFF Station	\$6,700,000	01- Carpentry, 02 - Concrete, 03- Dewatering, 04- Dry Utilities, 05- Drywall, 07 - Electrical, 08 - Fencing, 09- Fire protection, 10- Flooring, 11 - Hauling Demo, 15- Masonry, 16- Mechanical, 17 Millwork, 18- Painting, 19 - Paving, 21 - Rebar, 22- Roofing, 25 - Striping, 30 - Waterproofing, 33- Ceiling & Finishes
1 Carpentry		11 Hauling/demo	21 Rebar	31 Welding
2 Concrete		12 Hazmat abatement	22 Roofing	32 Wet Utilities
3 Dewatering		13 Iron work	23 Sheet Metal	33 Ceiling and Finishes
4 Dry Utilities		14 Landscaping	24 Signage	34 Furnishing
5 Drywall		15 Masonry	25 Striping	35 Equipment (passenger boarding bridges)
6 Earthwork		16 Mechanical	26 Surveillance	
7 Electrical		17 Millwork	27 Telecommunications	
8 Fencing		18 Painting	28 Tile	
9 Fire Protection		19 Paving	29 Traffic control	
10 Flooring		20 Plumbing	30 Waterproofing	

# CIP 104272 -Modernize Baggage Handling System-T2E

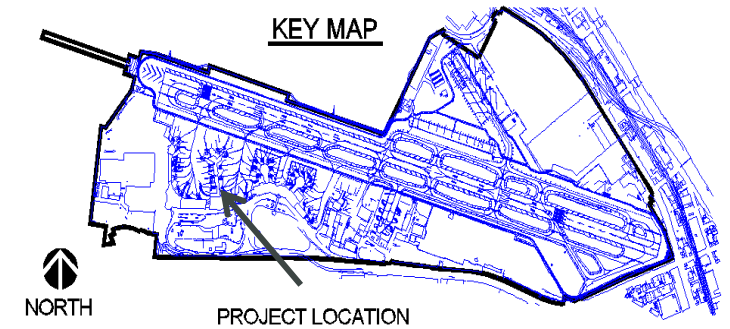
Project Manager: Hamid Kalantar

Project Sponsor: Amiel Porta

Project Budget: \$22.9M

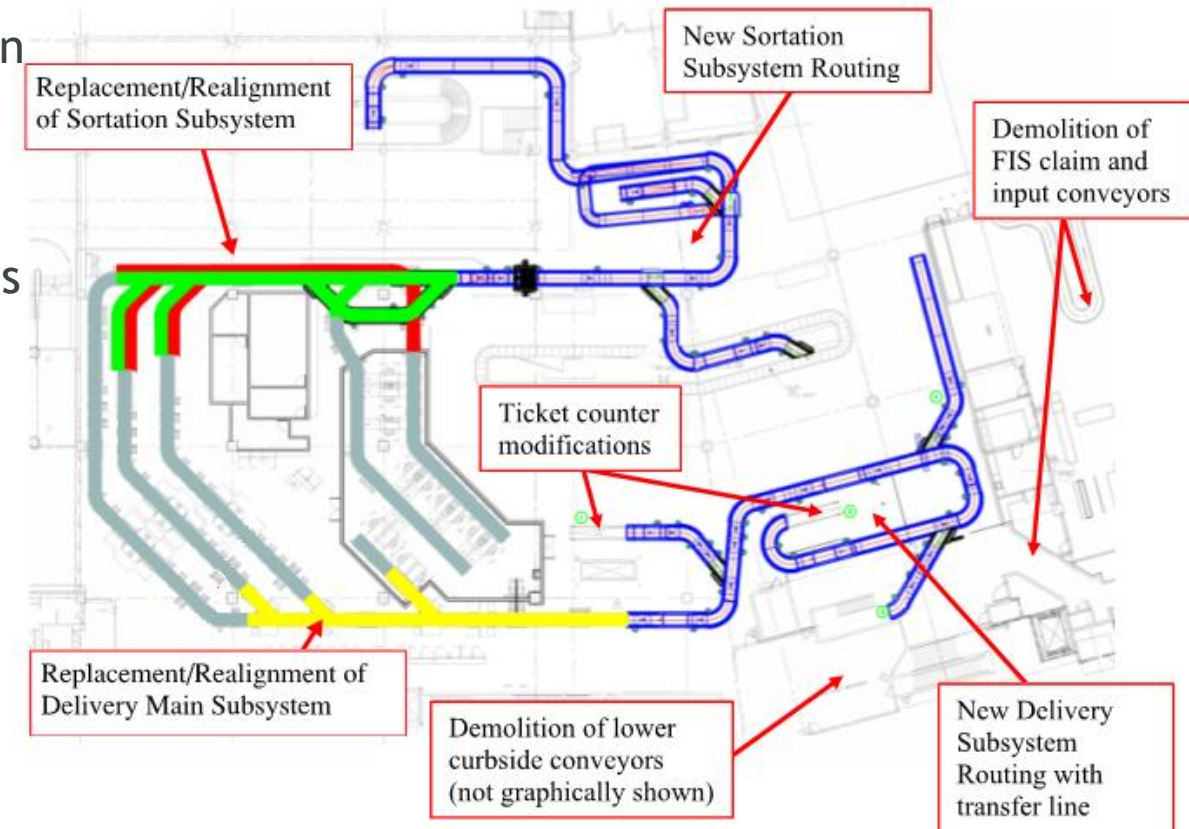
Project Phase: Design & Bid

Environmental Entitlements Clearance: Yes



## SCOPE

- Ticketing and curbside controls and merge optimization
- Replace & realign Automatic Tag Readers, transfer input conveyers, & highspeed diverters for optimum performance
- Replace & realign sortation & delivery main subsystems to minimize dieback and improve performance
- Modernize T2 Upper-Level Controls servers & switches per TSA latest requirements



## PROJECT MILESTONES

- Advertise for Bids: October 2024
- Construction Start: February 2025
- Construction Completion: December 2026

# CIP 104317 - Taxiway B Joint Seal Improvements

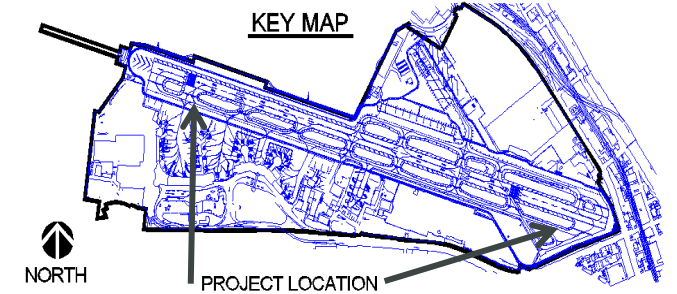
Project Manager: Daniel Hershey

Project Sponsor: Dean Robbins

Project Budget: \$3.8M

Project Phase: Design & Bid

Environmental Entitlements Clearance: YES



## SCOPE

- Rehabilitation of Taxiway B from B6-B10 and Taxiway B1
- Repair Joint Seal Damage, Deteriorating Spall Repairs, and Patches

## PROJECT MILESTONES

- 100% Submittal: Complete
- Construction NTP: Early 2025



# CIP 104258: Fire Department Remediation

Project Manager: Hamid Kalantar

Project Sponsor: Andrew Hoge

Project Budget: \$2.7M

Phase: Design & Bid

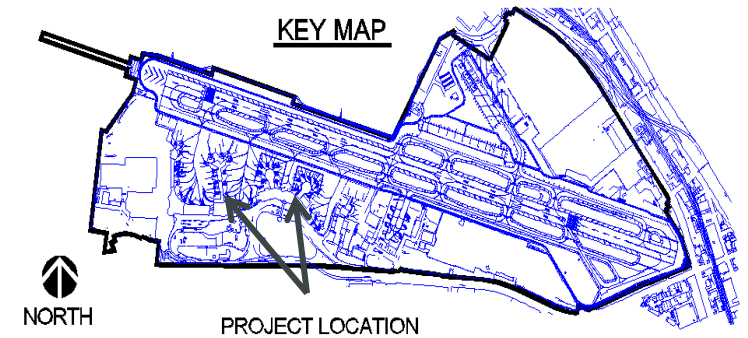
Environmental Entitlements Clearance: Yes

## SCOPE

- Various doors and exist sign modifications to support Fire Code compliance in Terminals 1 and 2
- Affected doors requiring upgrade to meet latest AVSEC and ACO standards.

## PROJECT MILESTONES

- Advertise for Bids: December 2024
- Board Award: March 2025
- Construction Start: February 2025
- Construction Completion: October 2025



# CIP 104315 - Access Control at Perimeter Fence

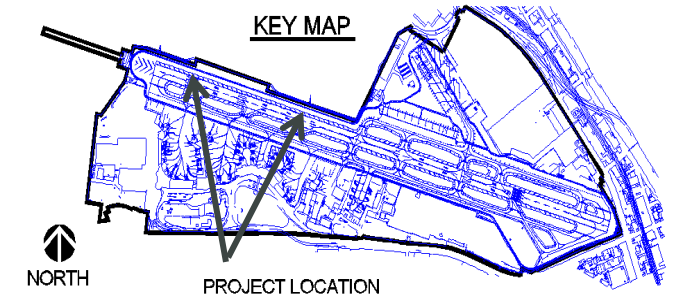
Project Manager: Lane Boolean

Project Sponsor: Clint Welch

Project Budget: \$3M

Project Phase: Design & Bid

Environmental Entitlements Clearance: TBD



## SCOPE

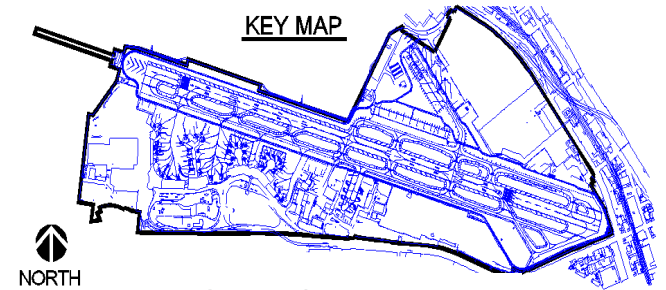
- This project will provide the Authority the capability to surveil the north side perimeter fence line using Closed-Circuit Television as well as provide future infrastructure capabilities for Access Control and the Perimeter Intrusion Detection System

## PROJECT MILESTONES

- 100% Design: Sept 2024
- Advertise for Bids: Dec 2024
- Board Award: April 2025
- Construction Completion: November 2025

# CIP 104320 - Campus-Wide Electrical Sub-Metering

Project Manager: Hamid Kalantar  
Project Sponsor: Cogan Semler  
Project Budget: \$3.4M  
Project Phase: Design & Bid  
Environmental Entitlements Clearance: YES



Project Location:  
Various facilities campuswide

## SCOPE

- Provide campuswide submetering and utility usage data collection and analysis capabilities, to enable the Authority better understand and manage its energy usage and demands.

## PROJECT MILESTONES

- Advertise for Bids: January 2025
- Board Award: March 2025
- Construction Start: April 2025
- Construction Completion: April 2026



**POWERSCOUT™ 48 HD**  
NETWORKED MULTI-CIRCUIT METERING  
REVENUE GRADE INSTRUMENTS FOR SUPERIOR ENERGY MEASUREMENT



# CIP 104321 - Rehabilitate ARFF Station

Project Manager: Hamid Kalantar

Project Sponsor: Dean Robbins

Project Budget: \$11.3M

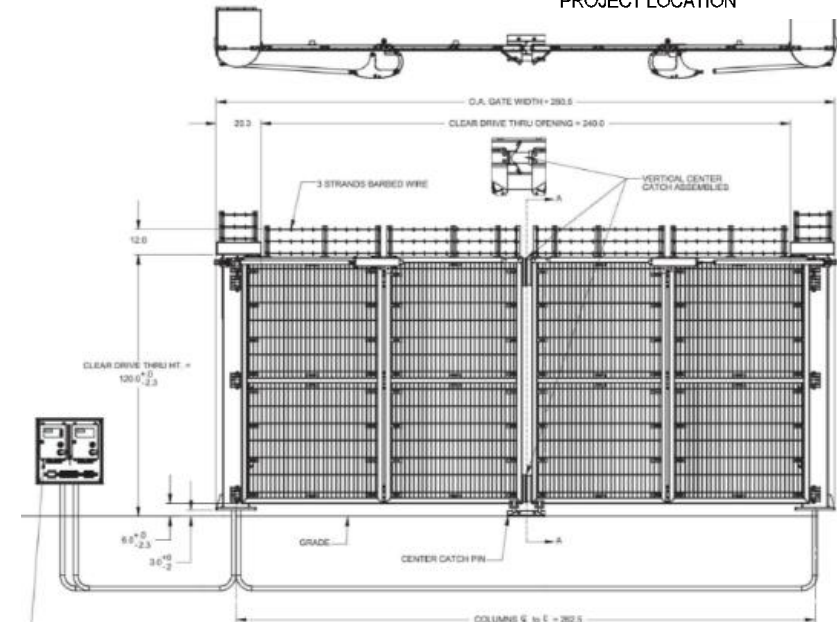
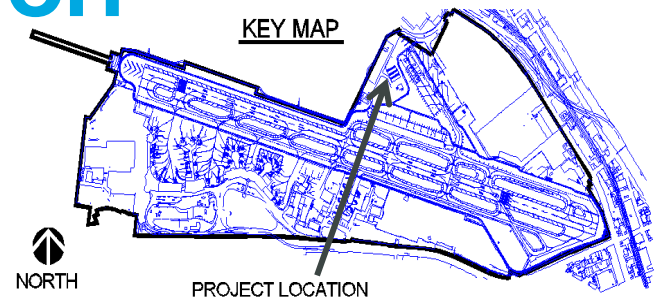
Project Phase: Design & Bid

Environmental Entitlements Clearance: TBD



## SCOPE

- Expand Aircraft Rescue & Fire Fighting (ARFF) station apparatus bay structure and modernize associated facilities as required per FAA AC 150/5310-15A
- Includes replacement of P-01 Gate



## PROJECT MILESTONES

- Advertise for Bids: March 2025
- Board Award: July 2025
- Construction Start: August 2025
- Construction Completion: April 2027

# Tenant Improvement Program



# Tenant Improvement Program Status

Luis Arellano - September 2024

Year Project Started	Design	Construction	Closeout	Total per FY
2021	0	2	2	4
FY				
2022	0	1	0	1
FY				
2023	3	4	4	11
FY				
2024	15	1	2	18
FY				
2025	7	0	0	7
FY				
<b>Total</b>	<b>25</b>	<b>8</b>	<b>8</b>	<b>41</b>



Design Review	<span style="color: green;">■</span>	Closeout	<span style="color: yellow;">■</span>
Construction	<span style="color: pink;">■</span>		
New T1	<span style="color: red;">■</span>		

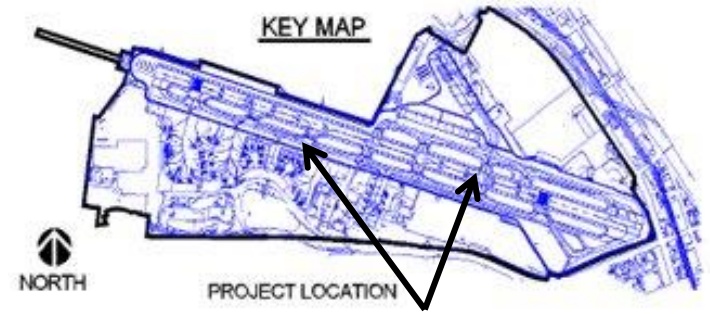
SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY  
TENANT PROJECT TRACKING MAP



AIRPORT DESIGN & CONSTRUCTION  
TECHNICAL SERVICES  
SEPTEMBER, 2024

# NTI Concession Program (PH1A)

Project Manager: Hilda Bliss  
 Construction Budget: TBD  
 Phase: Design  
 Environmental Entitlements Clearance: Yes (under NT1)



## SCOPE

- 11 Food & Beverage
- 4 Retail
- Passenger Services
- Advertising
- Club/Lounge

SAN   NT1 Concession Program Schedule PH1A																												
	2023												2024												2025			
	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
Food & Beverage PKGs 1-5		PKO	DRC	Design																								
Retail PKG 1, 2			PKO	DRC	Design																							
Passenger Services/Advertising																												
Club/Lounge				RFP																								

## MILESTONES ACHIEVED FOR FOOD & BEVERAGE AND RETAIL PACKAGES

- DRC, 30% & 60% & 90% Stakeholder and ARRIVE Page Turns
- ADC/ARRIVE Constructability Reviews
- T1PP/T2 Smarte Carte Install & Upgrade

Project Kick-Off	City and County Permitting
Design Review Committee	Construction/Activation
30-60-90 Design	Concession Open to the Public

## CURRENT WORK IN PROGRESS

- 90% Review of Tony Hawk/Novecientos
- City and County Permit Submissions & Reviews
- ADC/ARRIVE Space Readiness Reviews
- Concession NTP Checklist reviews
- Concession Contractor Selection
- Tenant RFP and PKO's



**arrive**

SAN DIEGO AVIATION ALLIANCE

**Turner** **FLATIRON** **Gensler**



**SAN DIEGO**  
INTERNATIONAL AIRPORT

LET'S GO.



# Contracting Opportunities for our New Terminal 1 (New T1) Program

Presented by Chris George  
Civil Program Manager  
Airport Design & Construction  
[cgeorge@san.org](mailto:cgeorge@san.org)

# SAN New Terminal 1 (New T1)



**November 1, 2021**

- New T1 construction began.

**Late 2023**

- Earliest opening date for the new Administration Building.

**Late 2024**

- New T1 parking structure open.

**Late 2025**

- Earliest opening date for Phase 1A.

**Late 2027**

- Earliest opening date for Phase 1B.

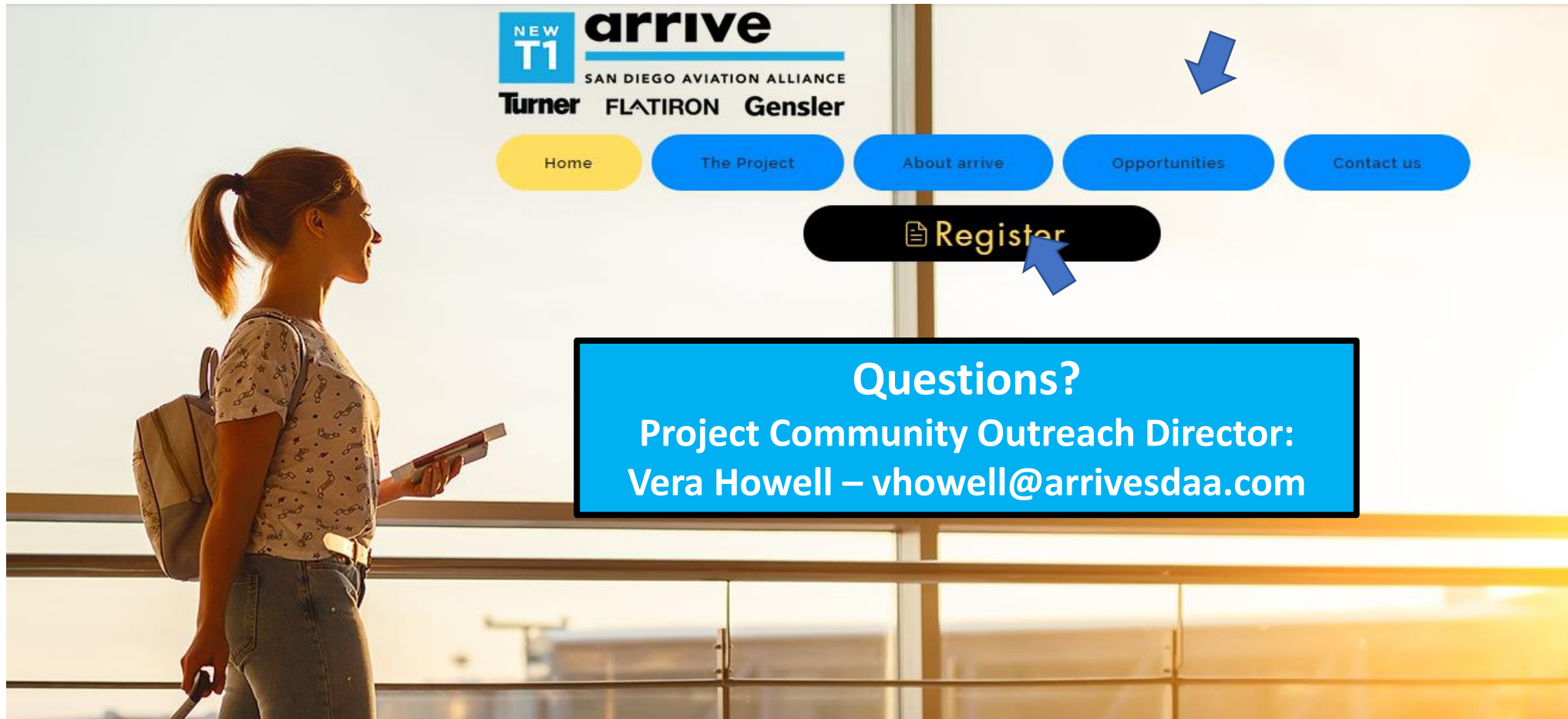
**Mid-2028**

- Earliest completion date for Airside Improvements construction.

# SAN New Terminal 1 (New T1)



**Click:** <https://www.arrivesdaa.com> to go to the **arrive** Team Website and Register there!



**Questions?**  
Project Community Outreach Director:  
Vera Howell – [vhowell@arrivesdaa.com](mailto:vhowell@arrivesdaa.com)



Website

# Questions?