

SAN DIEGO COUNTY REGIONAL AIRPORT AUTHORITY



SPECIAL CAPITAL IMPROVEMENT PROGRAM OVERSIGHT COMMITTEE

and

SPECIAL BOARD MEETING

AGENDA

Thursday, July 16, 2015
9:00 A.M.

San Diego International Airport
Commuter Terminal -- Third Floor
Board Room
3225 N. Harbor Drive
San Diego, CA 92101

BOARD MEMBERS

DAVID ALVAREZ
LAURIE BERMAN*
C. APRIL BOLING
GREG COX
JIM DESMOND
COL. JOHN FARNAM*
ROBERT H. GLEASON
LLOYD B. HUBBS
JIM JANNEY
ERAINA ORTEGA*
PAUL ROBINSON
MARY SESSOM

* EX OFFICIO BOARD MEMBERS

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, Boling, Gleason, Hubbs (Chair), 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 April 30, 2015 regular meeting.
- 2. TRACKING SUSTAINABLE AIRPORT DEVELOPMENT (ENVISION, LEED AND GRI):**
(Environmental Affairs: Paul Manasjan, Director)
- 3. SAN WAYFINDING AND FREEWAY SIGNAGE PROGRAMS:**
(Airport Planning & Noise Mitigation: Ted Anasis, Manager Regional Planning)
- 4. THE GREEN BUILD STATUS UPDATE:**
(Airport Design & Construction: Bob Bolton, Director)
- 5. RENTAL CAR CENTER AND RESTAURANT UPDATE:**
(Airport Design & Construction: Bob Bolton, Director)
- 6. TERMINAL 2 PARKING PLAZA UPDATE:**
(Airport Design & Construction: Bob Bolton, Director)

7. PHOTOVOLTAIC STATUS UPDATE FOR TERMINAL 2-WEST AND NORTHSIDE:

(Airport Design & Construction: Bob Bolton, Director)

8. NORTH SIDE DEVELOPMENT PROGRAM UPDATE:

(Airport Planning & Noise Mitigation: Keith Wilschetz, Director)

9. FINANCIAL OVERVIEW OF THE GREEN BUILD & RENTAL CAR CENTER COSTS:

(Financial Management: Michael Sears, Director)

10. PUBLIC OUTREACH UPDATE:

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

11. PUBLIC ART UPDATE:

(Vision, Voice & Engagement: Lauren Lockhart, Art Program Manager)

12. SMALL BUSINESS DEVELOPMENT REPORT:

(Procurement: Sonia Cruz, Small Business Development Program Manager)

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 Commuter Terminal. Bring your ticket to the third floor receptionist for validation.

You may also reach the Commuter Terminal by using public transit via the San Diego Metropolitan Transit System, Route 992. The MTS bus stop at Terminal 1 is a very short walking distance from the Commuter Terminal. ADA paratransit operations will continue to serve the Commuter Terminal as required by Federal regulation. For MTS route, fare and paratransit 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 MINUTES
THURSDAY, APRIL 30, 2015
SAN DIEGO INTERNATIONAL AIRPORT
BOARD ROOM**

CALL TO ORDER:

Chair Hubbs called the regular meeting of the Capital Improvement Program Oversight Committee and Special Board Meeting to order at 9:04 a.m., Thursday, April 30, 2015, in the Board Room of the San Diego International Airport, Commuter Terminal, 3225 N. Harbor Drive, San Diego, CA 92101.

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

ROLL CALL:

Present: Committee Members: Alvarez, Boling, Hubbs, Robinson
 Board Members: Cox, Janney

Absent: Committee Members: Gleason

Also Present: Thella F. Bowens, President/CEO; Amy Gonzalez, Senior Director, General Counsel; Lorraine Bennett, Assistant Authority Clerk II; Sara Real, Assistant Authority Clerk I

Board Member Alvarez arrived during the course of the meeting.

NON-AGENDA PUBLIC COMMENT: None

NEW BUSINESS

1. APPROVAL OF MINUTES:

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

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

Board Member Alvarez arrived at 9:07 a.m.

2. TERMINAL 2 PARKING PLAZA UPDATE:

Ajay Babla, Program Manager, Airport Design & Construction, provided a presentation on the Terminal 2 Parking Plaza Update, which included Previous Board Approvals; Project Milestones; Project Delivery; Programmatic Document; Budget Validation Milestones; and Next Steps.

In response to Board Member Alvarez regarding why a design build concept is being proposed for this project, Jeffrey Woodson, Vice President, Development, stated that a design build concept provides more accuracy with project costs.

Thella F. Bowens, President/CEO, stated that as the design build team is proposing numbers, the Authority validates those numbers to leverage the best pricing. She also stated that the Authority is looking for a design that protects the views, and enhances the passenger experience, which supports the goals of the Coastal Commission to protect coastal lands.

In response to Board Member Boling's concerns about limiting competition with a design-build process versus a design-bid-build process, Mr. Woodson stated that design-build requires the contractor to provide all known costs up front.

Ajay Babla, Program Manager, stated that the single contract is key to allow for ease of a single point of contact and coordination. He also stated that the Authority is not responsible for any design errors and it is the design builder's responsibility to keep the project within budget.

Ms. Bowens stated that design-build provides a product that is affordable and reduces risks associated with change orders.

In response to Board Member Boling regarding what is the status of the Coastal Commission with the project, Ted Anasis, Manager, Regional Planning, stated that staff is working with the Coastal Commission to address issues to minimize traffic and visual effects along Harbor Drive. He also stated that the project is scheduled for the June Coastal Commission hearings.

In response to Board Member Boling regarding whether traffic circulation falls within the Coastal Commission's purview, Mr. Anasis stated that because North Harbor Drive is a primary coastal access corridor, the Coastal Commission does have purview in ensuring that coastal access is maintained for all of the people of California.

In response to Board Member Boling regarding clarification that if the Coastal Commissions' purview is to ensure that coastal access is maintained for citizens, and that there is nothing the Authority is doing to prevent anyone from having access, then perhaps it is some sort of qualitative determination of what access means, Mr. Anasis stated that this is being discussed with the Coastal Commission, that the Parking Plaza will not result in additional trips along Harbor Drive, and will not reduce access for citizens.

Ms. Bowens stated that the Authority's certified Environmental Impact Report validates these numbers.

In response to Board Member Robinson regarding if a timeline has been set for when the Parking Plaza will be operational, Mr. Woodson stated that the target date is June/July 2017.

Ms. Bowens stated that setting the timeline will be part of the negotiations with the design-build team.

3. NORTH SIDE DEVELOPMENT PROGRAM UPDATE:

Michael Ross, Project Manager, Airport Design & Construction, provided a presentation on the North Side Development Program Update, which included a Program Overview; Key Project Milestones; Construct Airport Electrical Distribution System; Terminal Link Road; North Side Utilities Storm Drain Trunk; North Side Additional Landscape; SDIA Wayfinding Signage; North Side Bypass Taxiway; Rental Car Center Bus Parking Facility; and Employee Parking Lot 6 Expansion.

In response to Chair Hubbs regarding whether water use within the Rental Car Center is being assigned to the rental car agencies, Mr. Ross stated that there is a separate potable water service connection that goes into the RCC which is part of the lease with the rental car companies, who will be responsible for that water.

Chair Hubbs expressed concerns with drought management and associated cutbacks in the future, and suggested that staff look into this moving forward.

Thella F. Bowens, President/CEO, stated that all leaseholders must meet the Authority's sustainability requirements as part of the lease negotiations and the Authority's monitoring of the leases.

NON-AGENDA PUBLIC COMMENT - None

COMMITTEE MEMBER COMMENTS

ADJOURNMENT: The meeting was adjourned at 9:47 a.m.

APPROVED BY A MOTION OF THE CAPITAL IMPROVEMENT PROGRAM
OVERSIGHT COMMITTEE THIS 16th DAY OF JULY, 2015.

JEFFREY WOODSON
VICE PRESIDENT, DEVELOPMENT

ATTEST:

LORRAINE BENNETT
ASSISTANT AUTHORITY CLERK II

ITEM 2



SAN DIEGO
INTERNATIONAL AIRPORT

LET'S **GO.**

Tracking Sustainable Airport Development

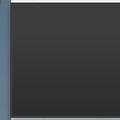
July 16, 2015 CIPOC Meeting

Paul Manasjan

Director, Environmental Affairs

San Diego County Regional Airport Authority

Tracking Sustainable Development



Sustainability Commitments



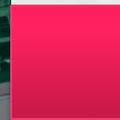
Importance of Tracking



GRI Alignment with 5 Strategies



LEED Criteria



Envision™ Infrastructure Rating



Managing Our Sustainable Development



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INTERNATIONAL AIRPORT.
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Our Sustainability Commitments

Sustainability Policy



- Economic Viability
- Operational excellence
- Natural Resource Conservation
- Social Responsibility

Attorney General MOU



- LEED Certification ≥ Silver
- CO₂ Emissions Reduction Measures

Global Reporting Initiative



- Sustainability Performance Tracking
- Transparency & Reporting

Climate Declaration



- Business Case for Addressing Climate Change

Envision™



- Sustainable Infrastructure Rating System
- Planning & Civil Engineering Projects

Airport Sustainability Management Program



- Assessment Management Planning
- Energy Road Map
- Whole-Systems Water Strategy
- Climate Action Plan

Living Aspect of Airport Development Plan

Focus on
Materiality

Emphasizes
stakeholder
engagement

Focus on what are material aspects, disclosures & indicators that reflect economic, environmental & social impacts based on input from stakeholders

What's new?

Reporting
on what
really
matters

More
strategic and
credible

Concentrated on economic,
environmental & social impacts

Report
easier to
navigate

Greater
relevance to
stakeholders



Materiality as it relates to the Airport Authority



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INTERNATIONAL AIRPORT

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What really matters to us?





Vision



Mastering is process of learning & continuous improvement



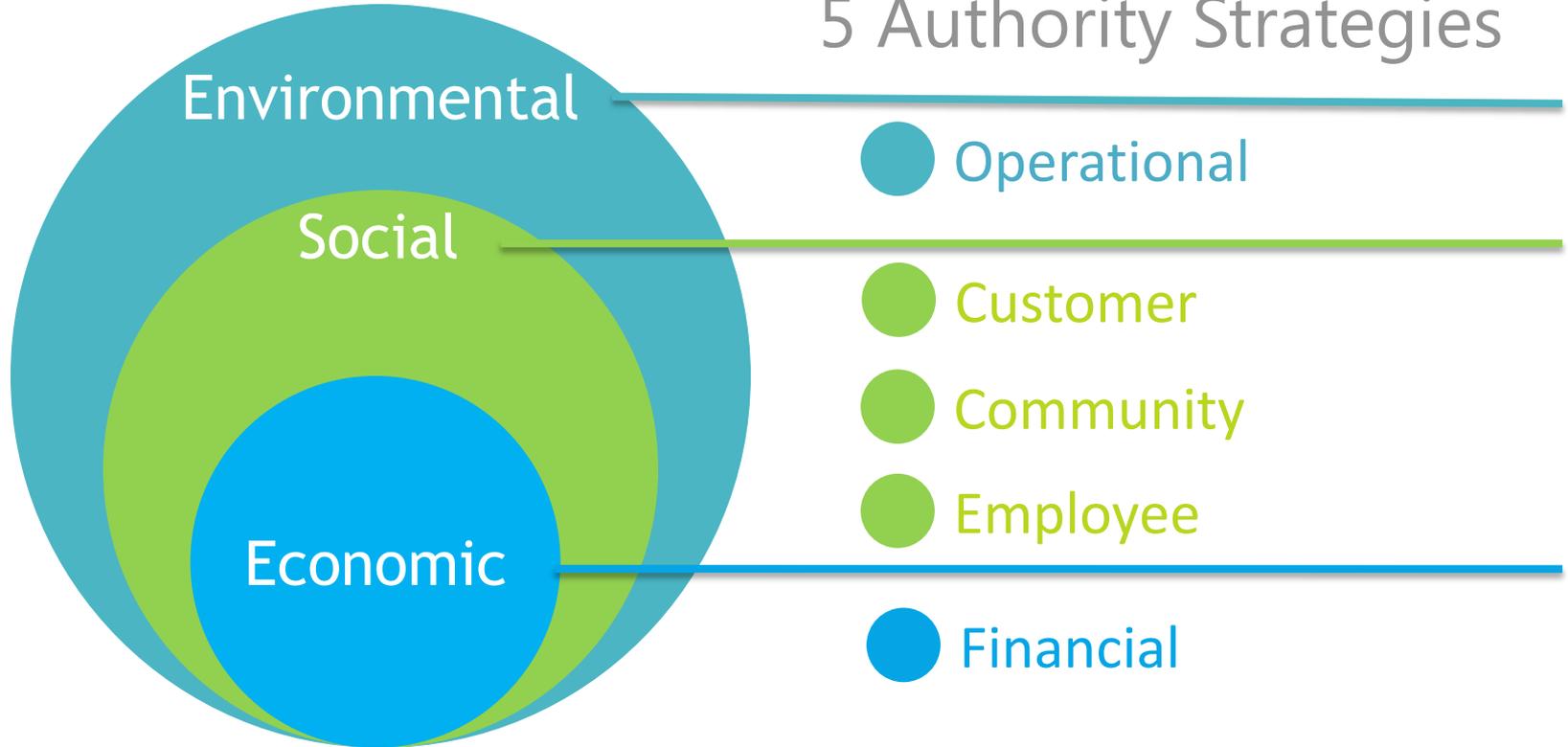
Mission



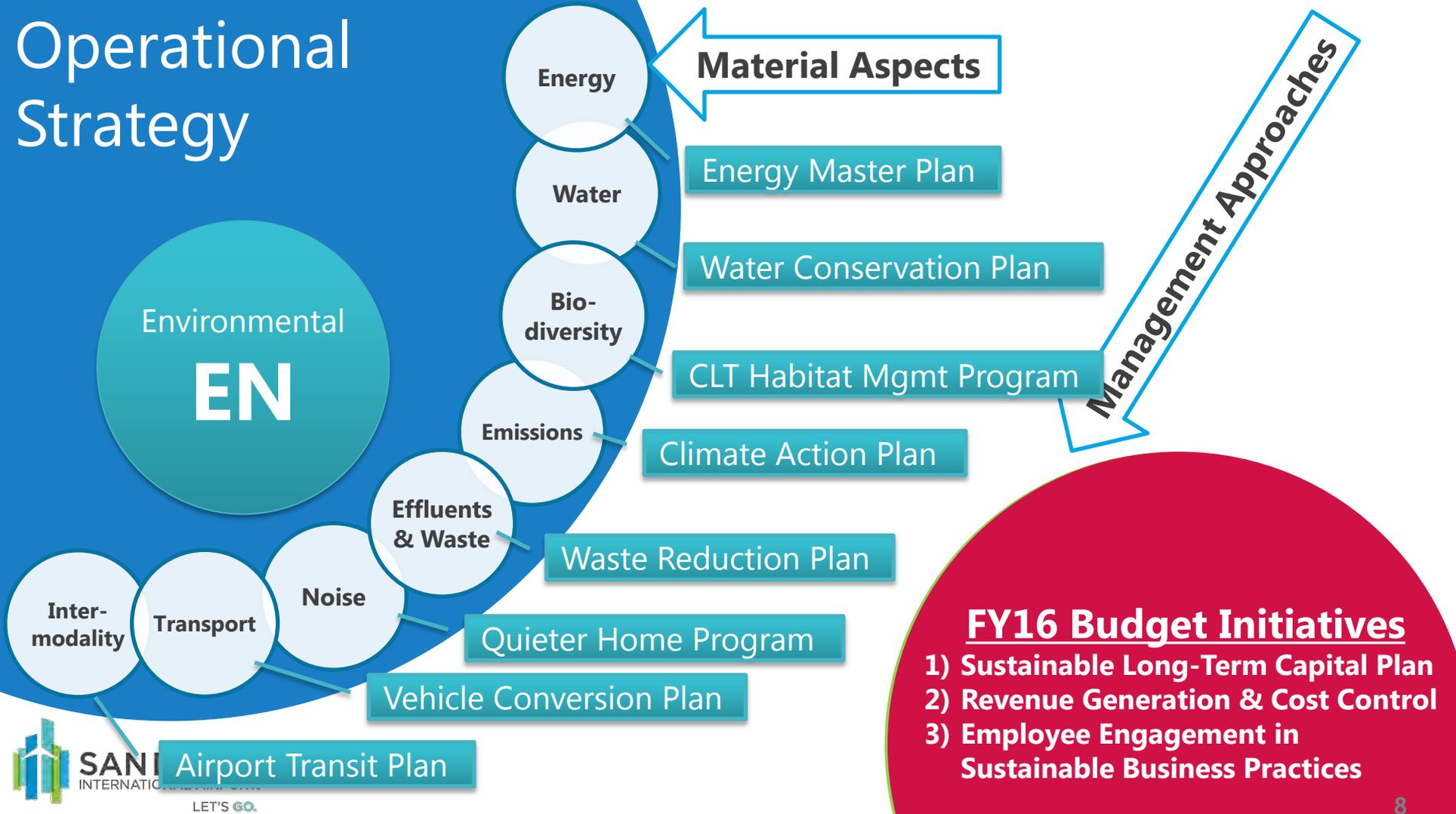
Operate airport in manner that promotes region's prosperity & protects its quality of life.

Authority Strategies Aligned with GRI-G4 Categories

5 Authority Strategies



Operational Strategy



Importance of Sustainability Tracking Systems

Regionally and internationally recognized

Promotes continuous improvement

Demonstrates leadership

Provides benchmarking within aviation and across industries

Promotes total cost of ownership approach and cost containment



Leadership in Energy & Environmental Design (LEED)

LEED Version 4 Categories



Envision™ Categories

The Envision™ Rating System evaluates infrastructure through five categories

QUALITY OF LIFE



LEADERSHIP



RESOURCE ALLOCATION

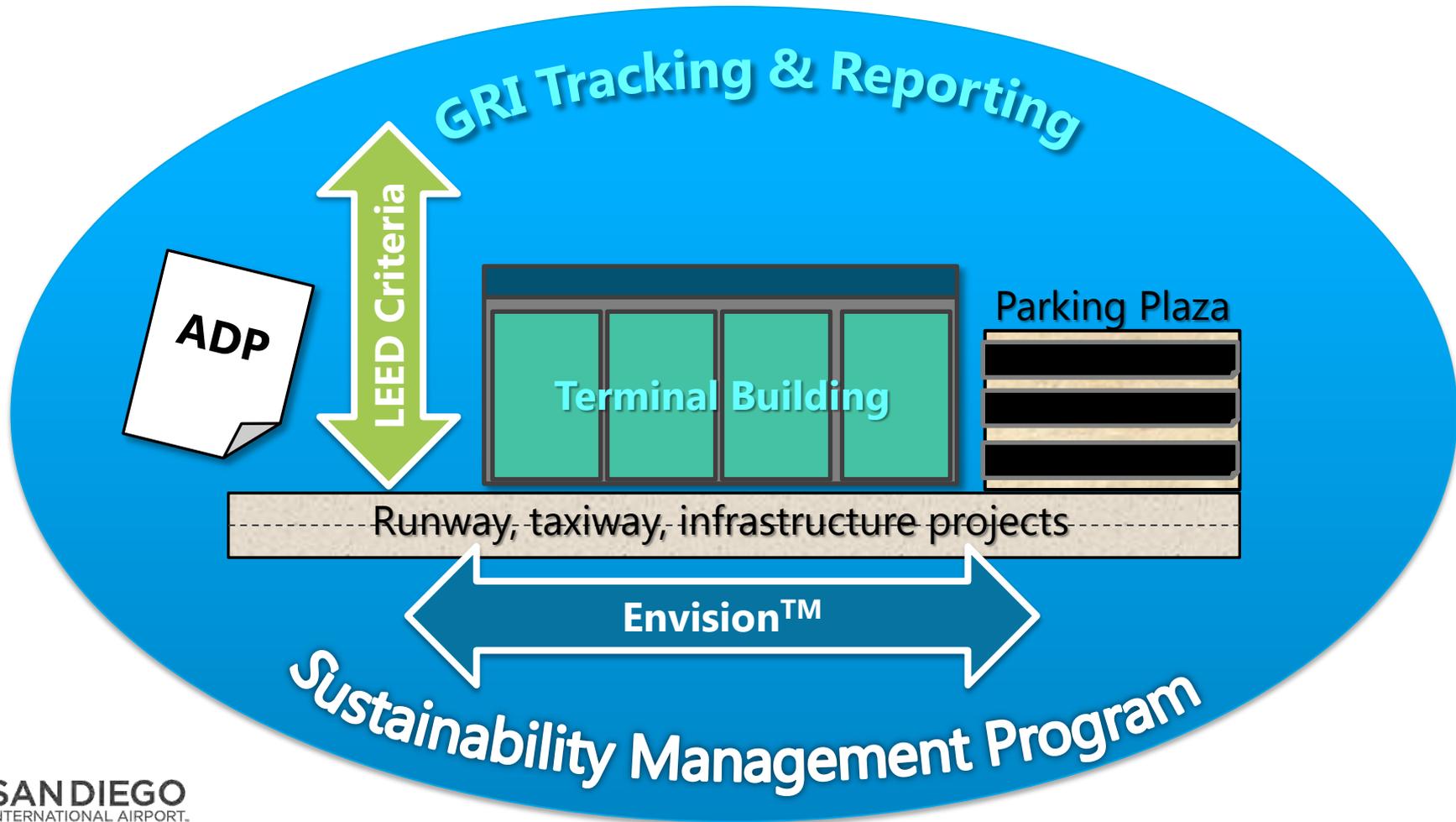


NATURAL WORLD



CLIMATE AND RISK





Plan

- ADC/CIP
- Asset Management Plan
- Energy Master Plan
- Water Conservation Plan
- Climate Action Plan

Do

- Stakeholder Engagement
- Sustainability Context & Materiality Assessment
- Implementation
 - Policy Development
 - Capital Projects
 - Outreach & Training

Check

- Authority Strategies, Initiatives & Goals
- LEED Criteria
- Envision™ Sustainability Rating
- GRI Performance Indicators

Adjust

- Management Review
- Continuous Improvement
- Realignment with Organizational Goals

AIRPORT SUSTAINABILITY MANAGEMENT PROGRAM

Questions?

ITEM 3



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INTERNATIONAL AIRPORT
LET'S GO.

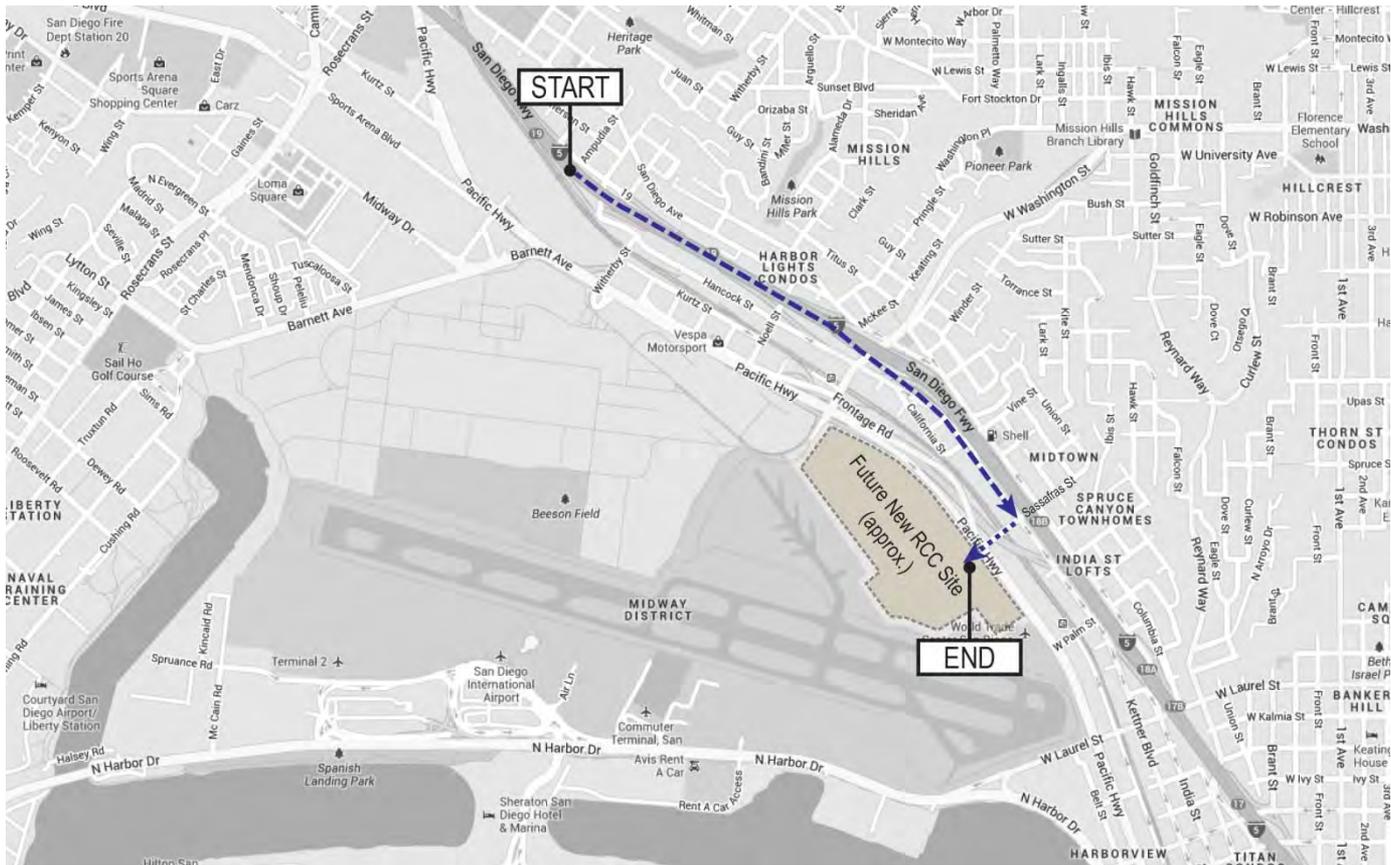
SAN WAYFINDING & FREEWAY SIGNAGE PROGRAMS

CIPOC Meeting
July 16, 2015

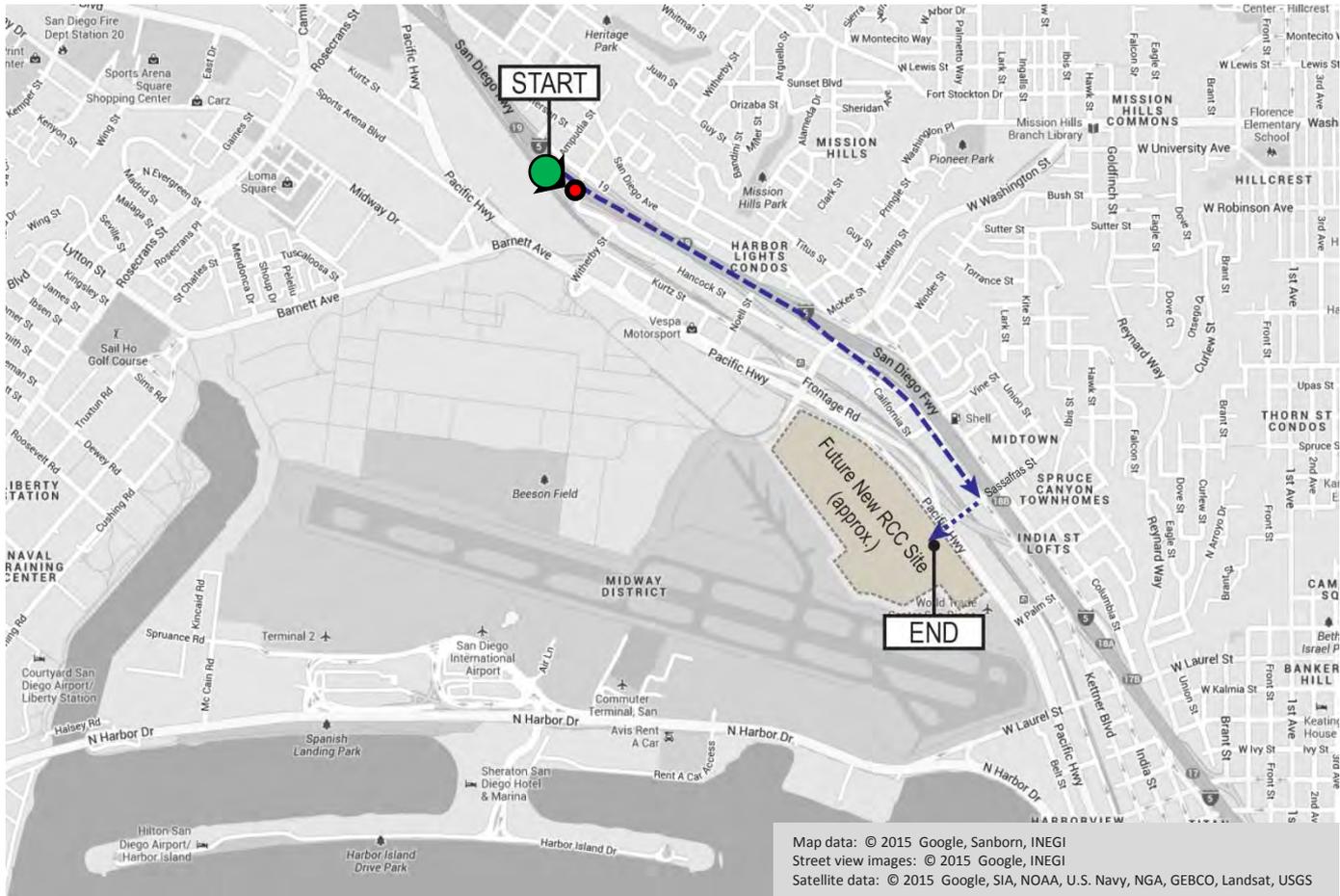


Overview

- Methodology
- Freeway Routes
 - I-5 South
 - I-5 North
 - 163 South to I-5 North
 - 94 West to I-5 North



I-5 SOUTH



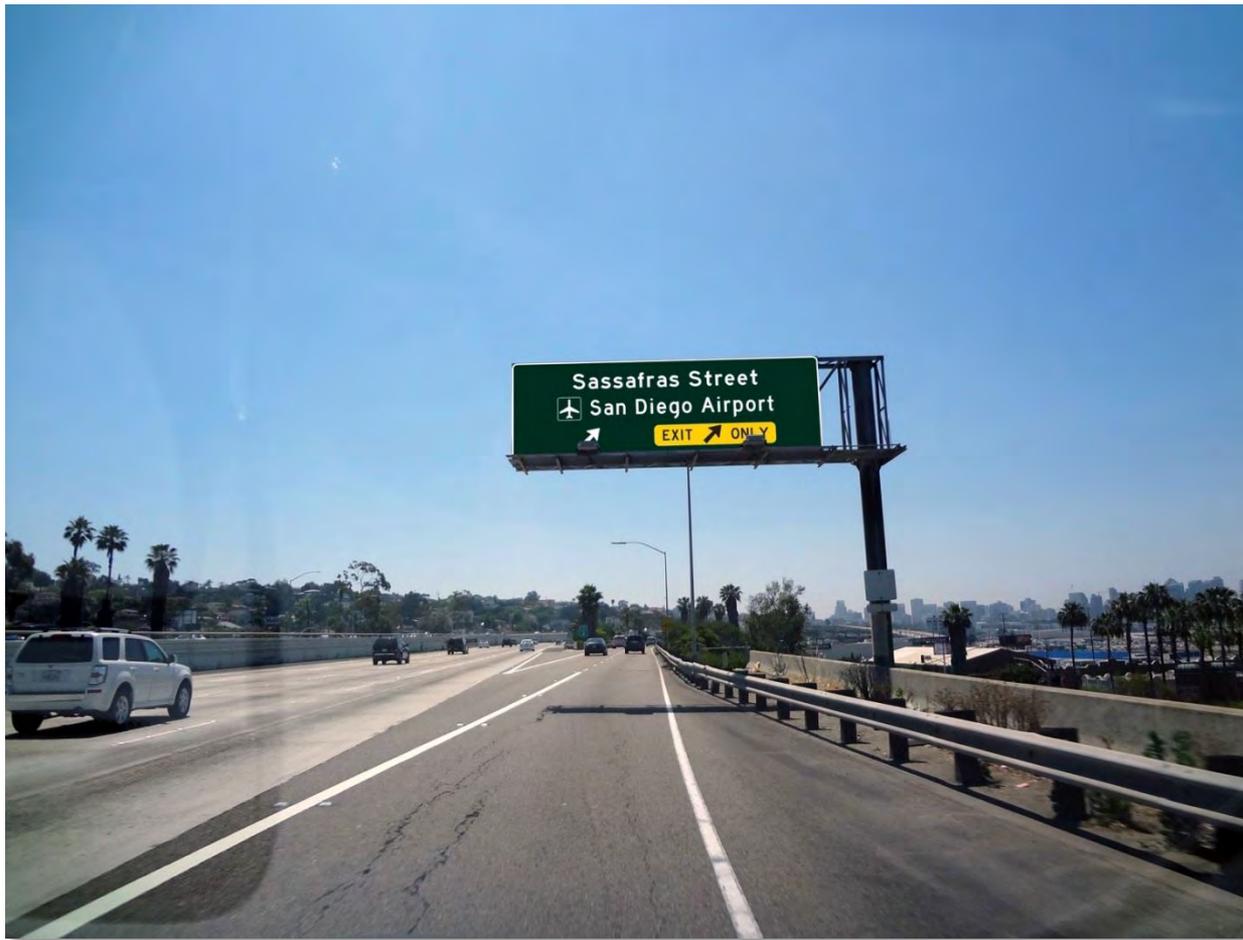
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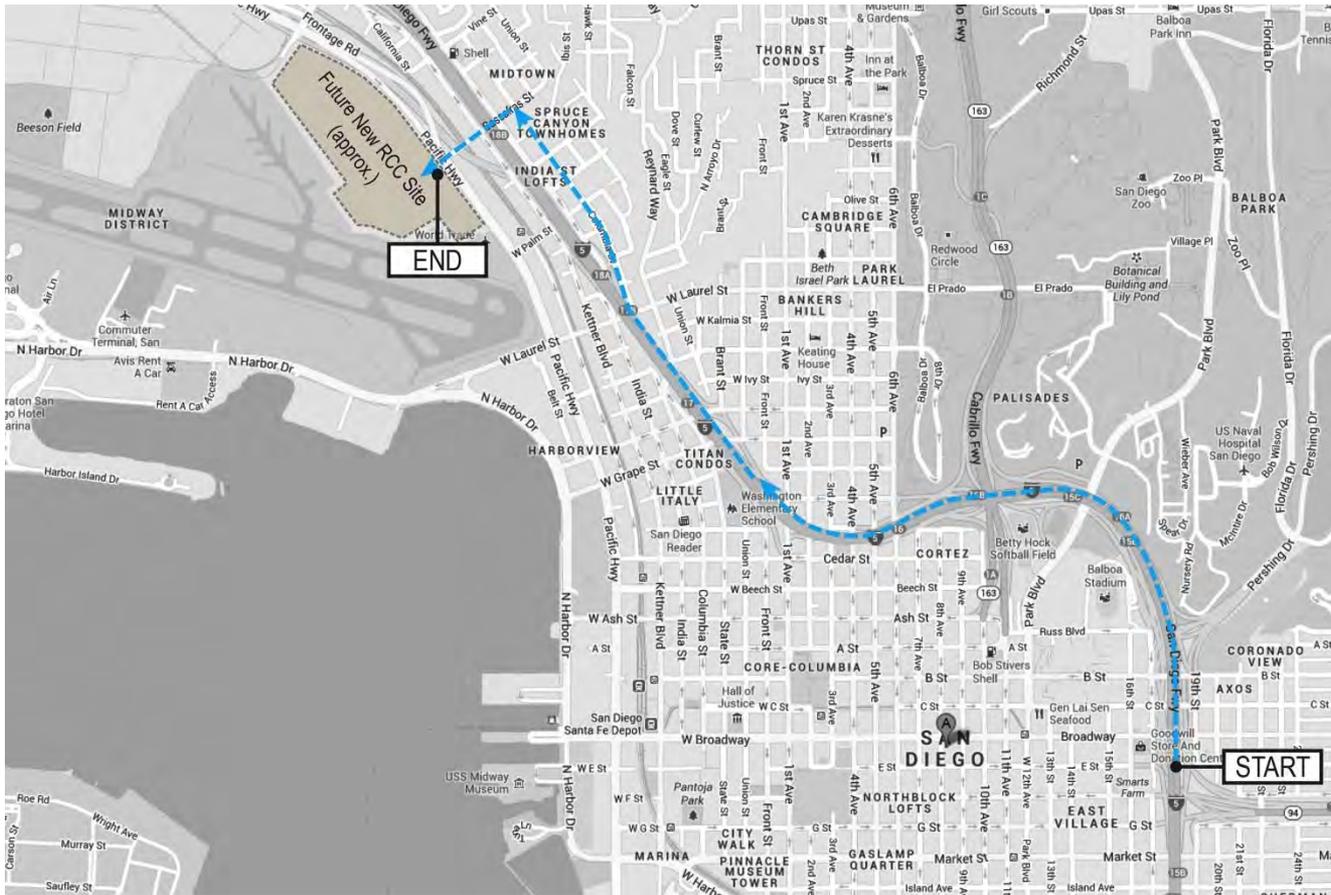




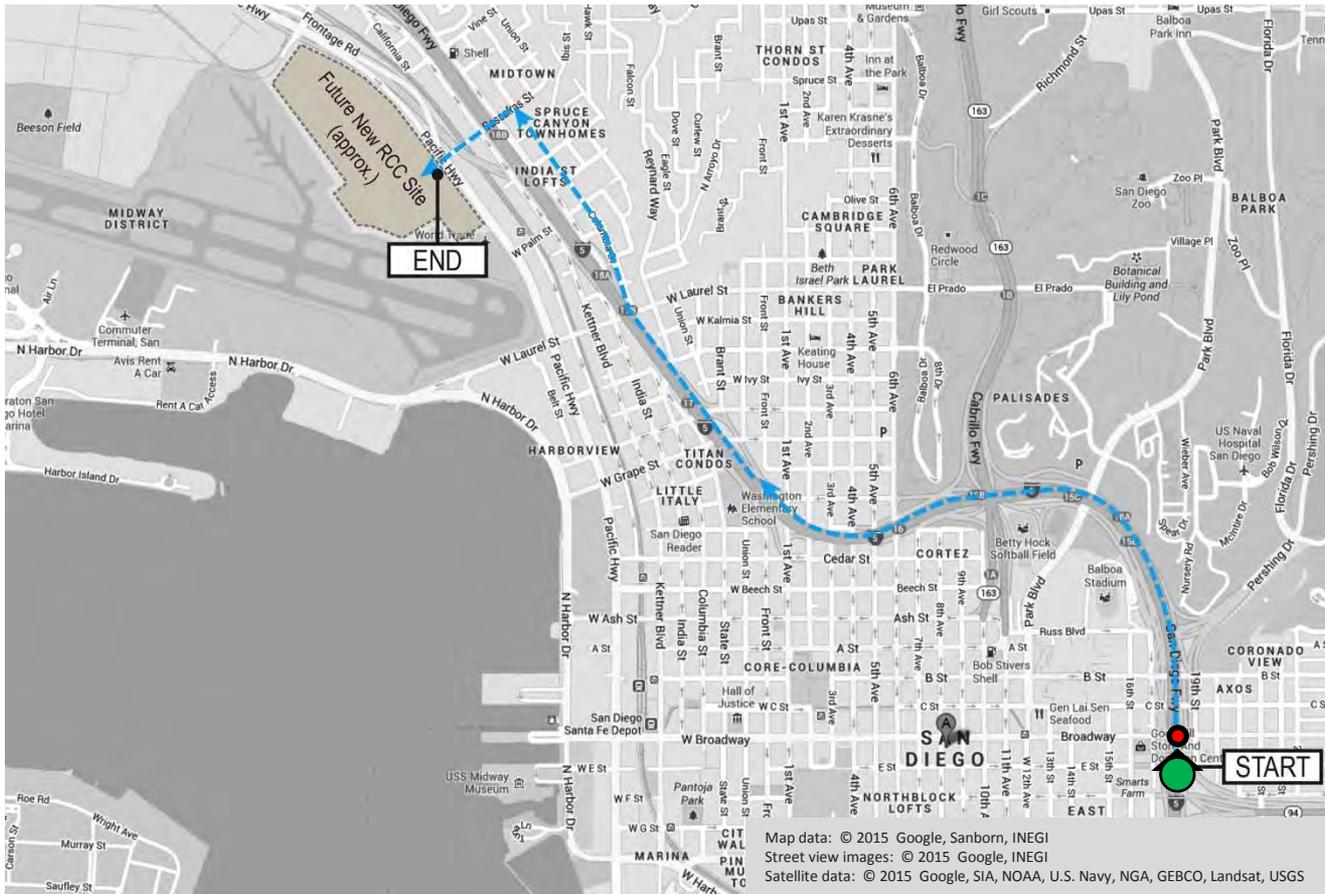


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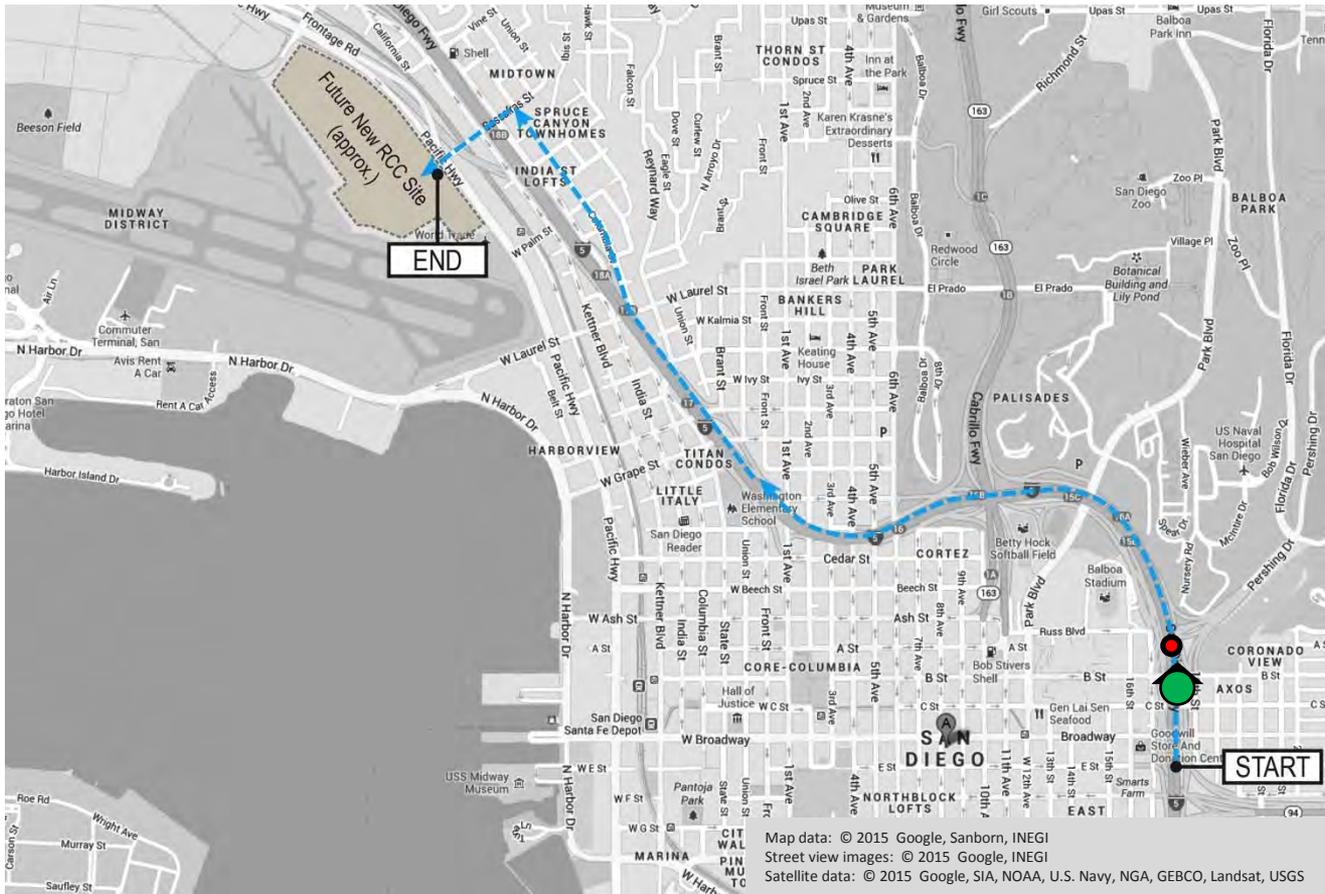




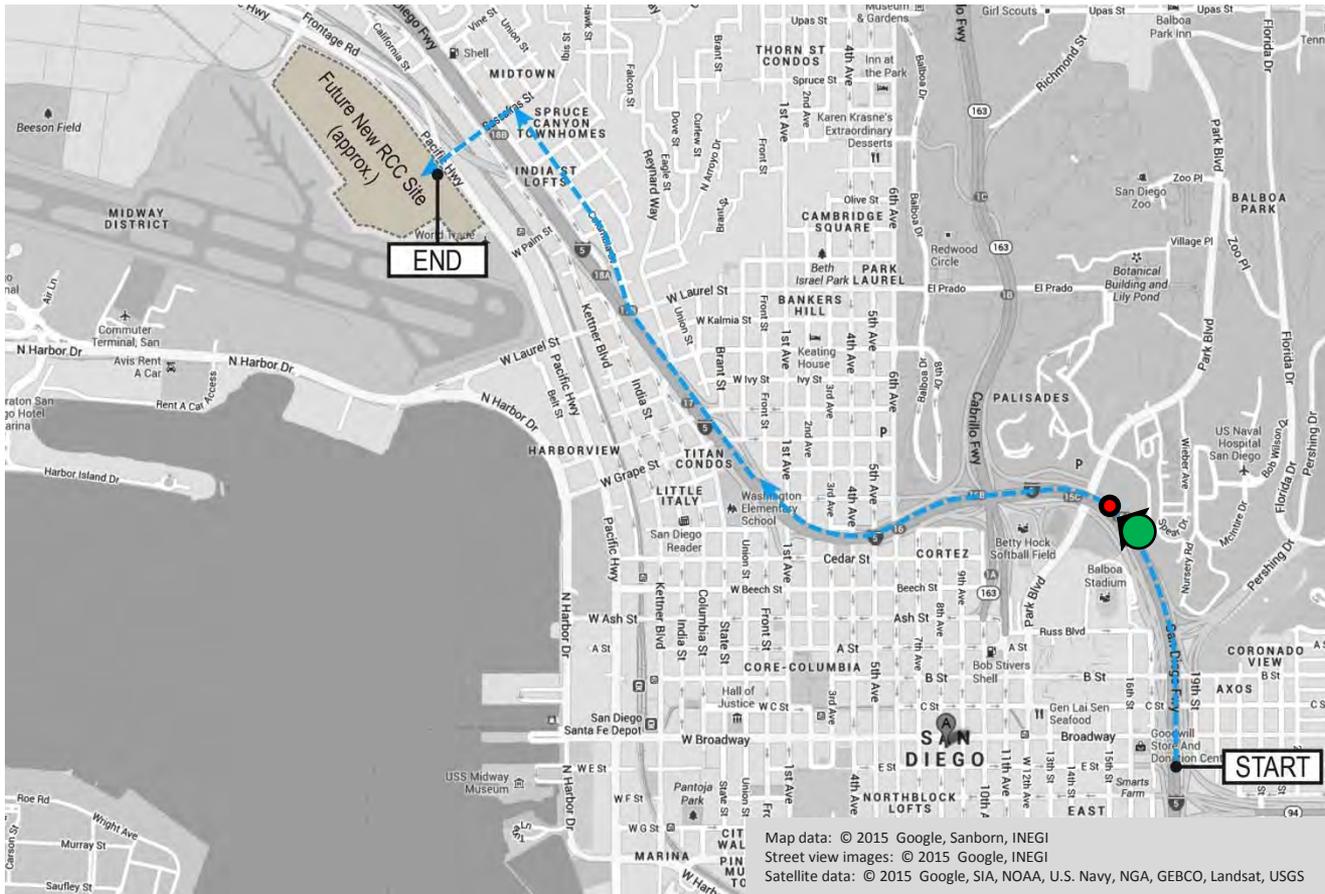
I-5 NORTH – HAWTHORN EXIT





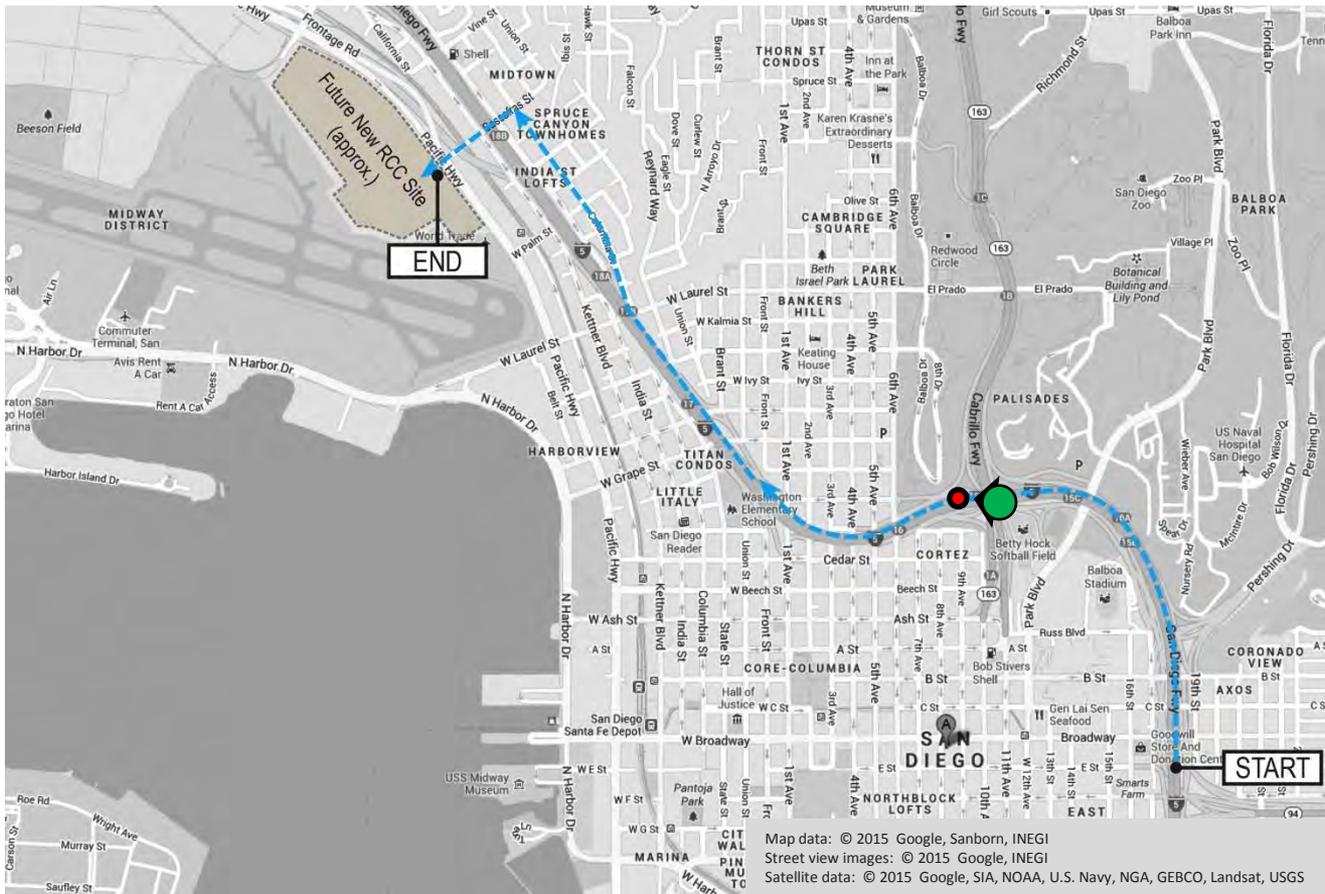


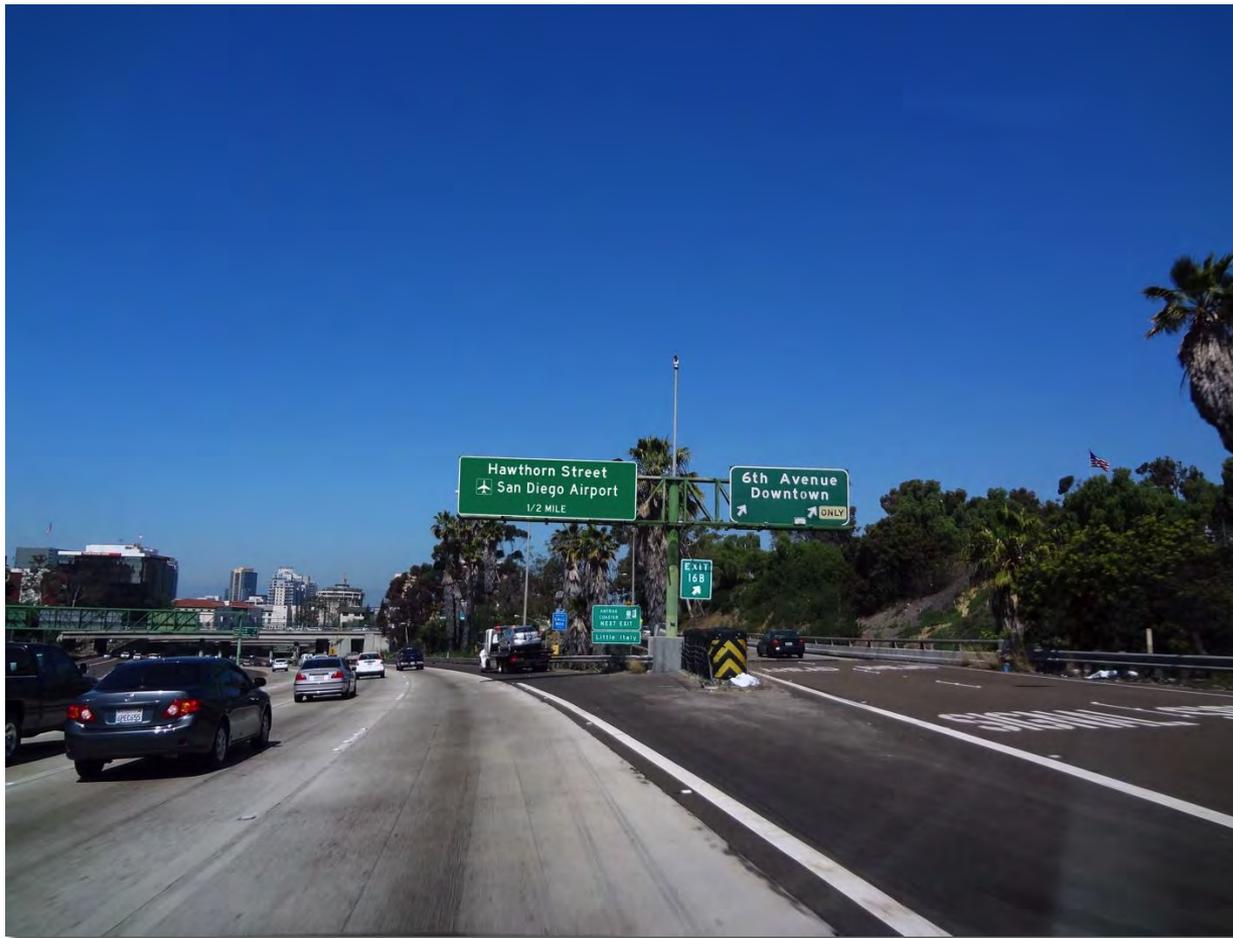


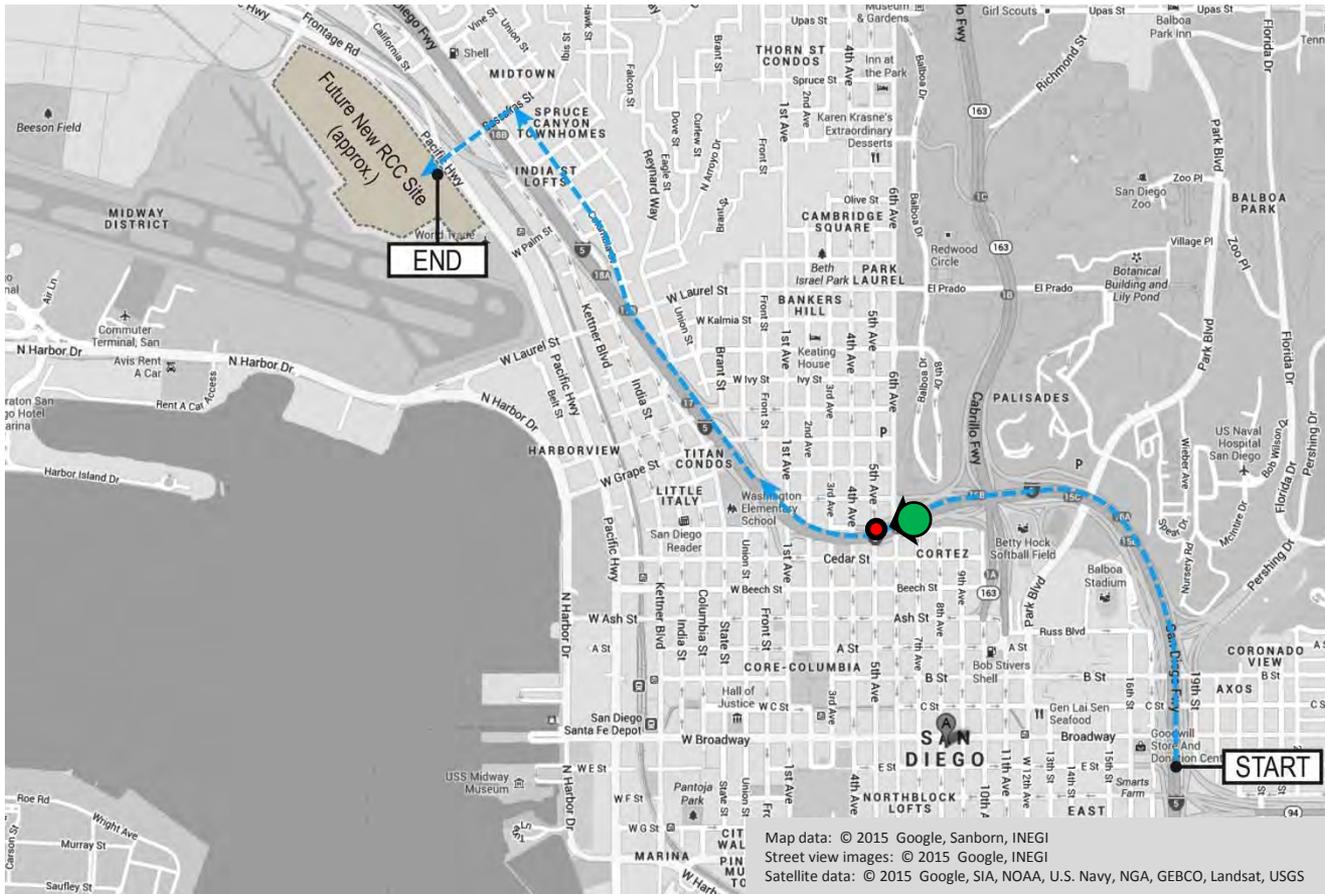




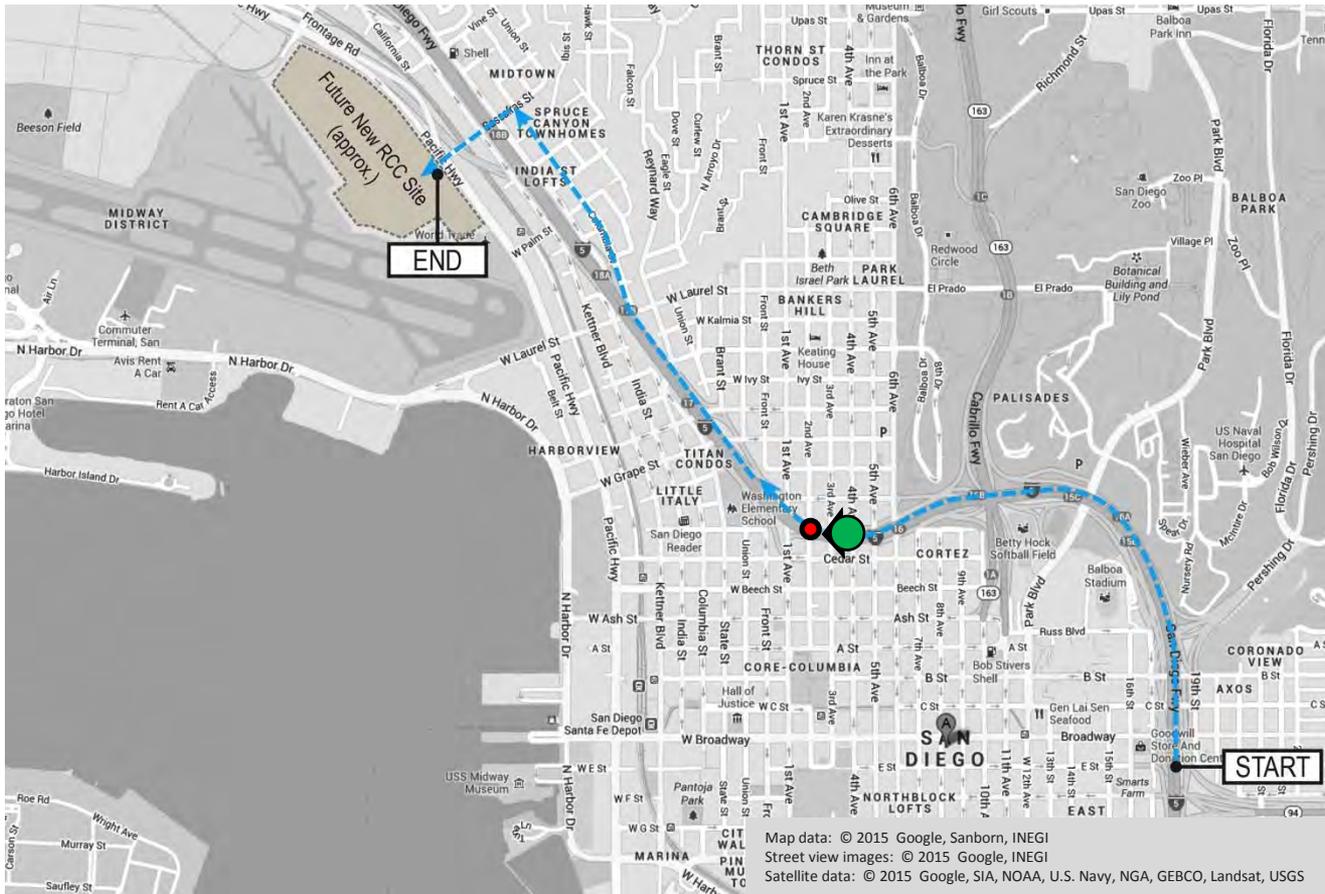
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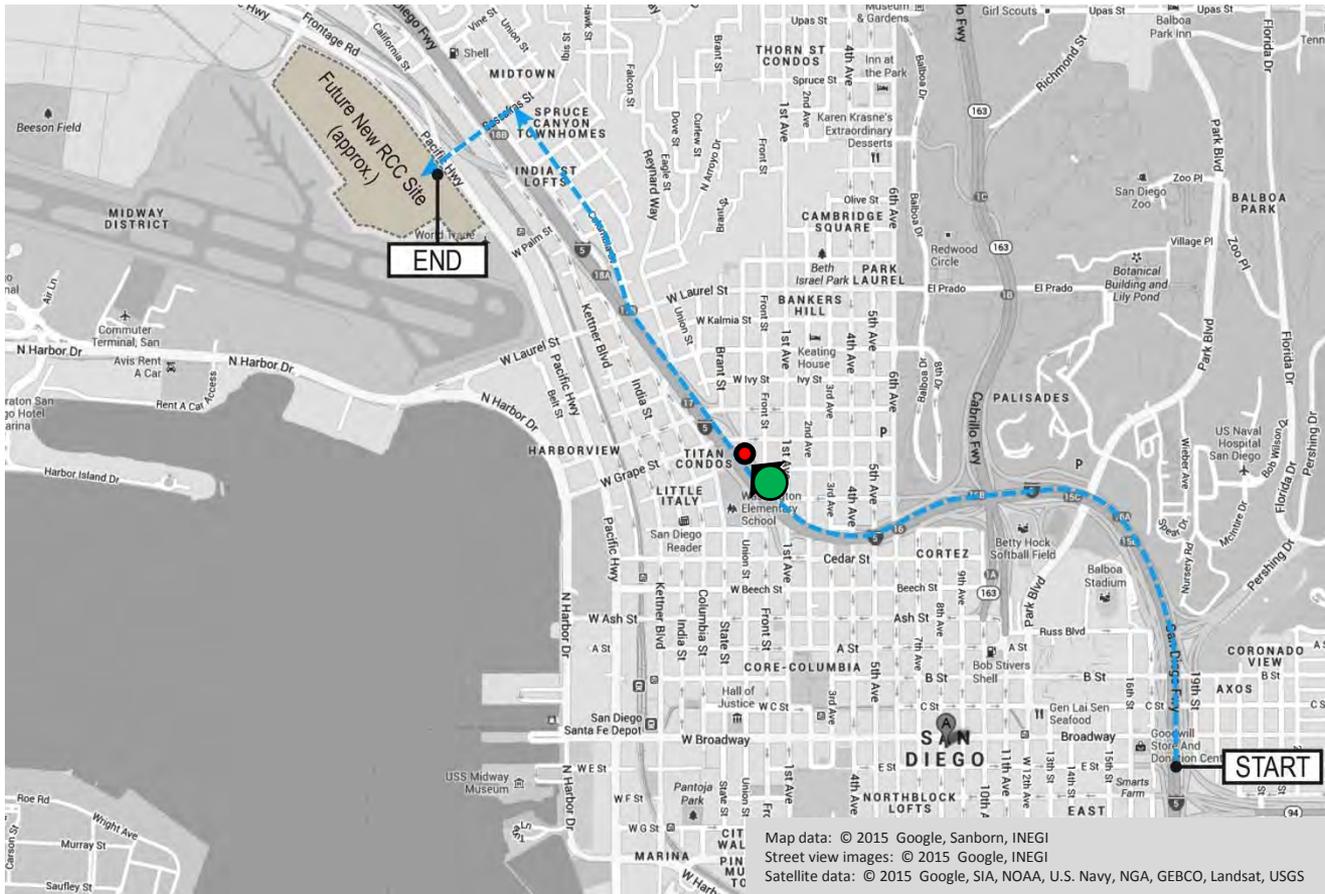




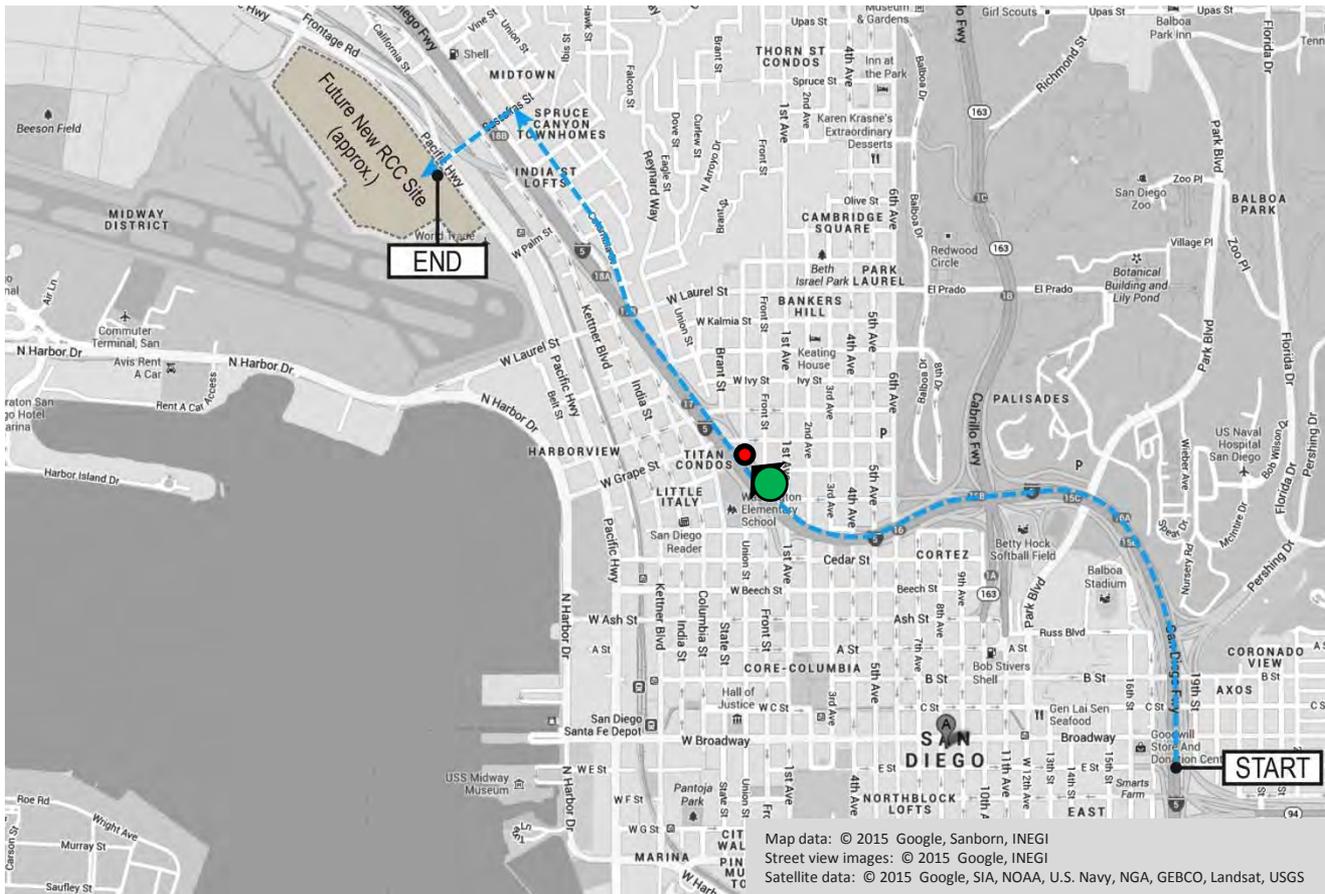


Alternate Option

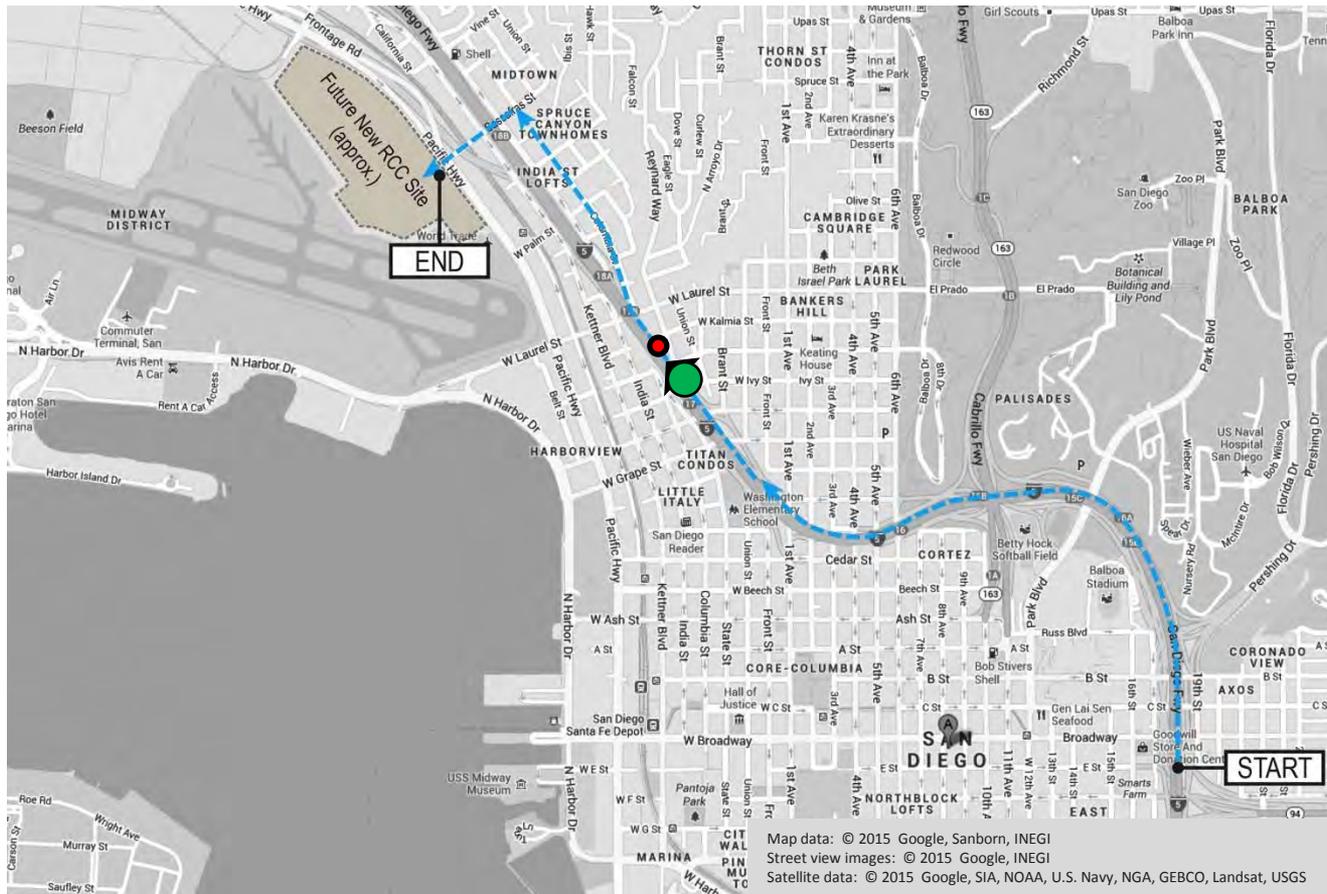






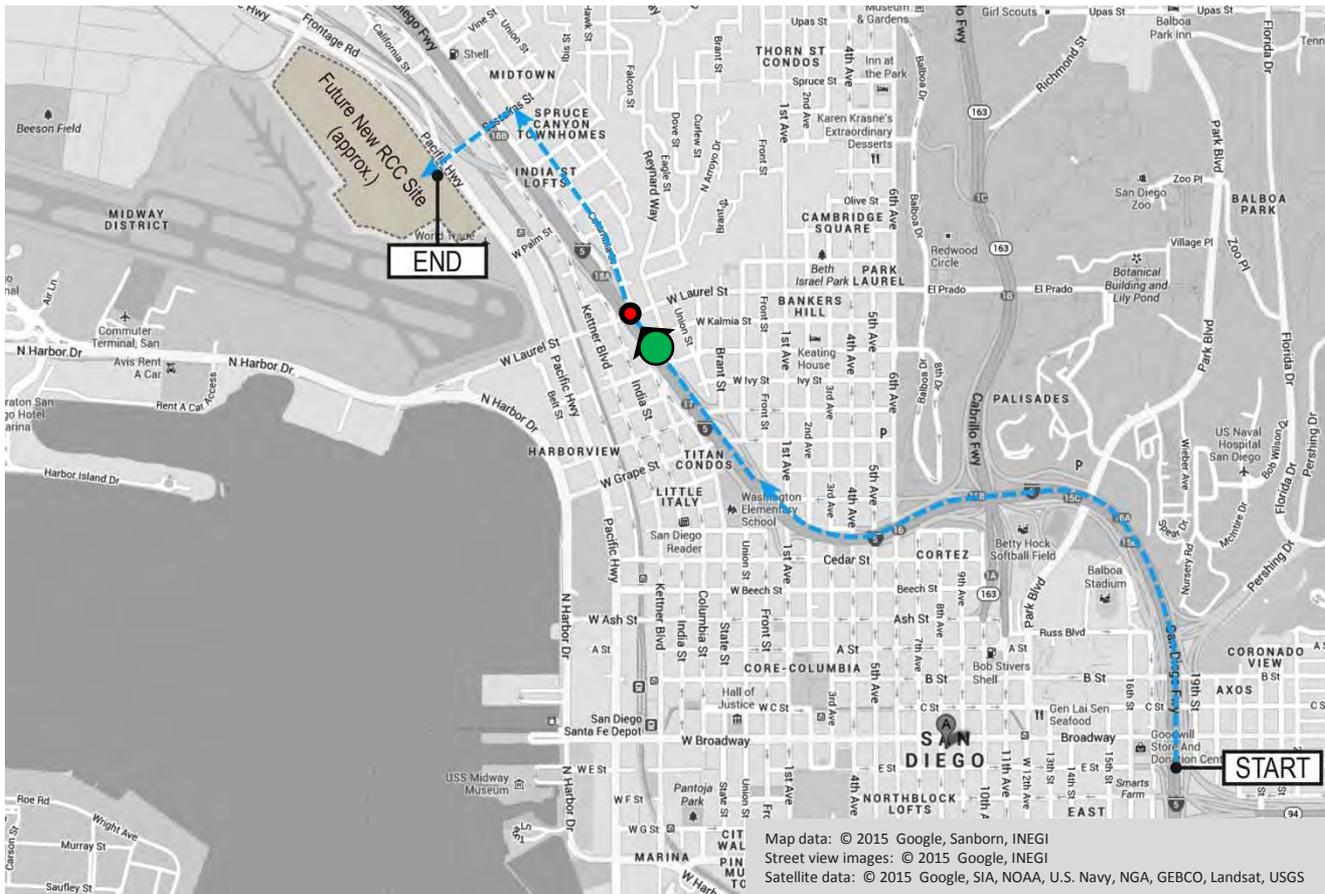






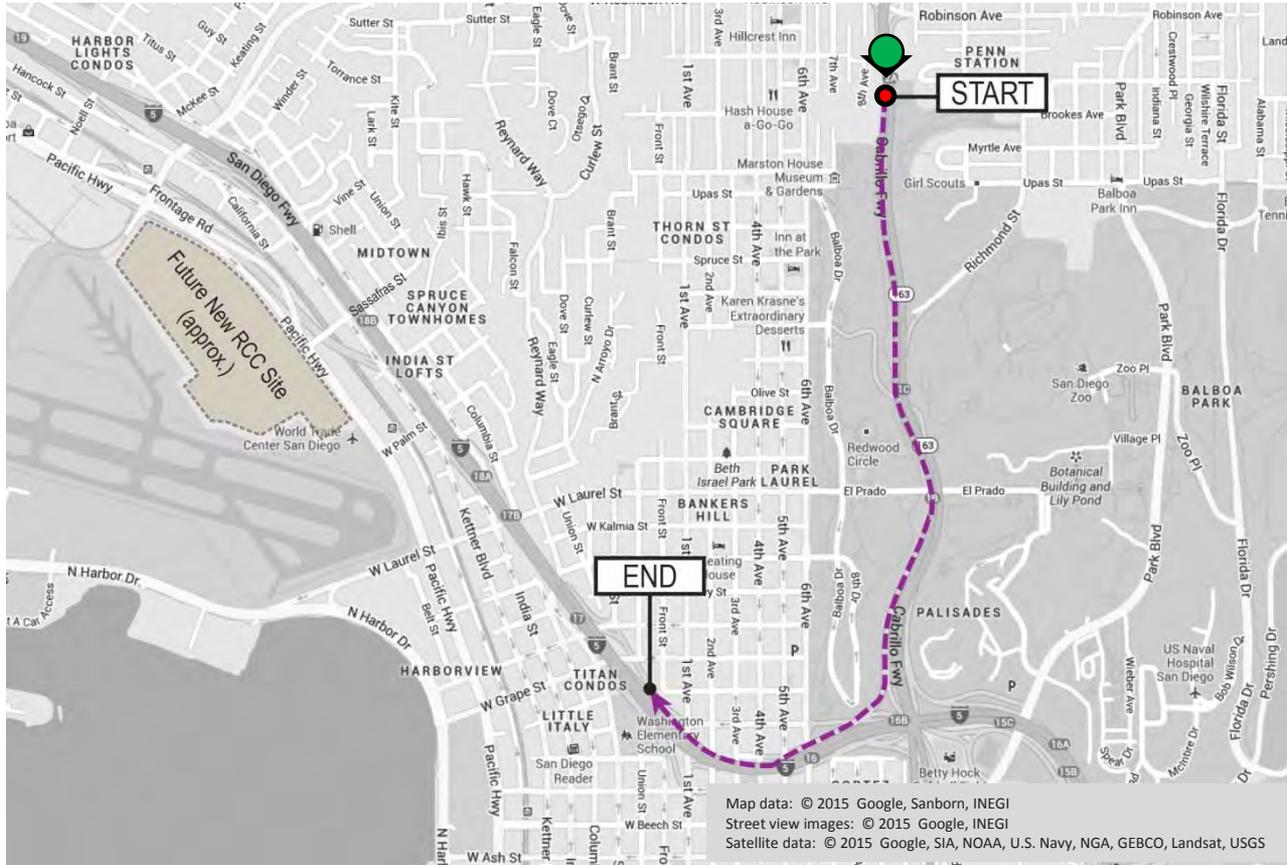


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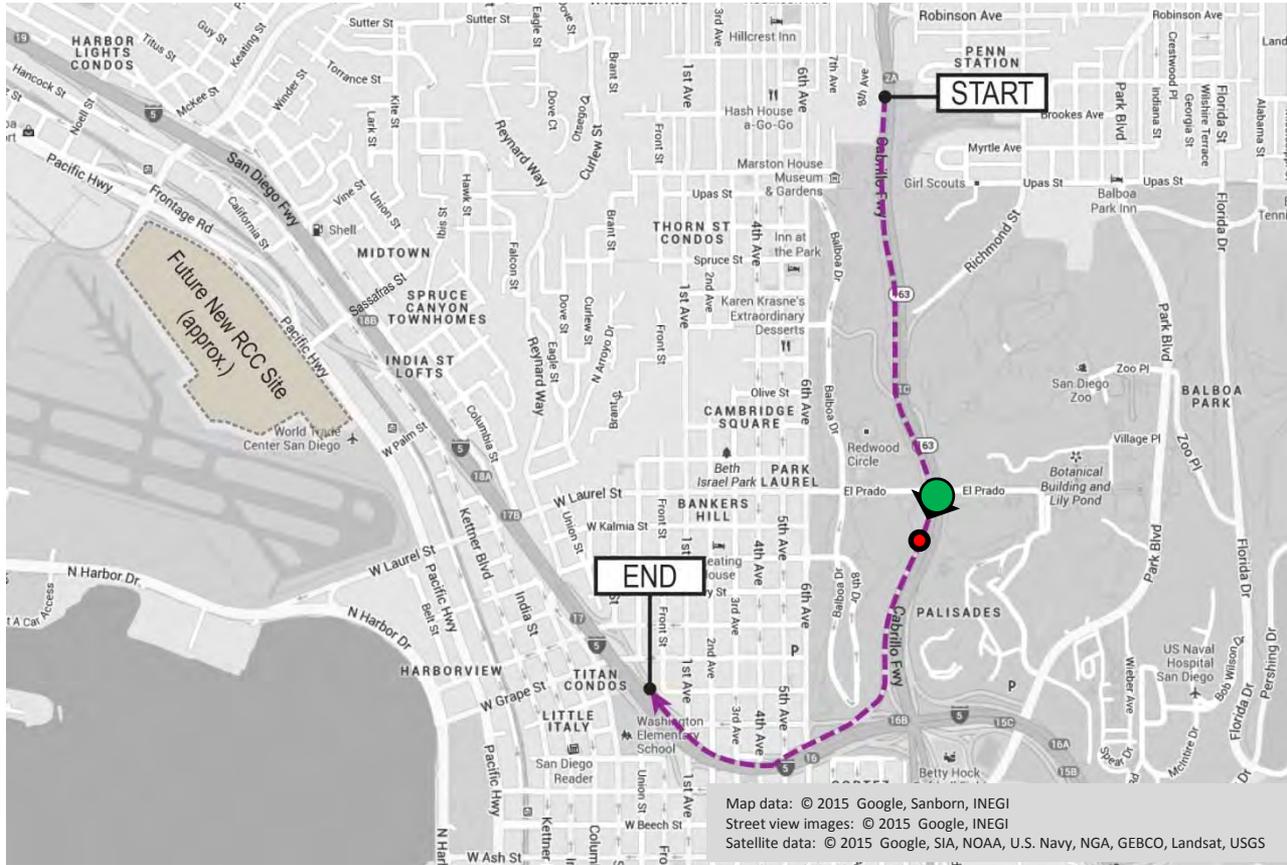




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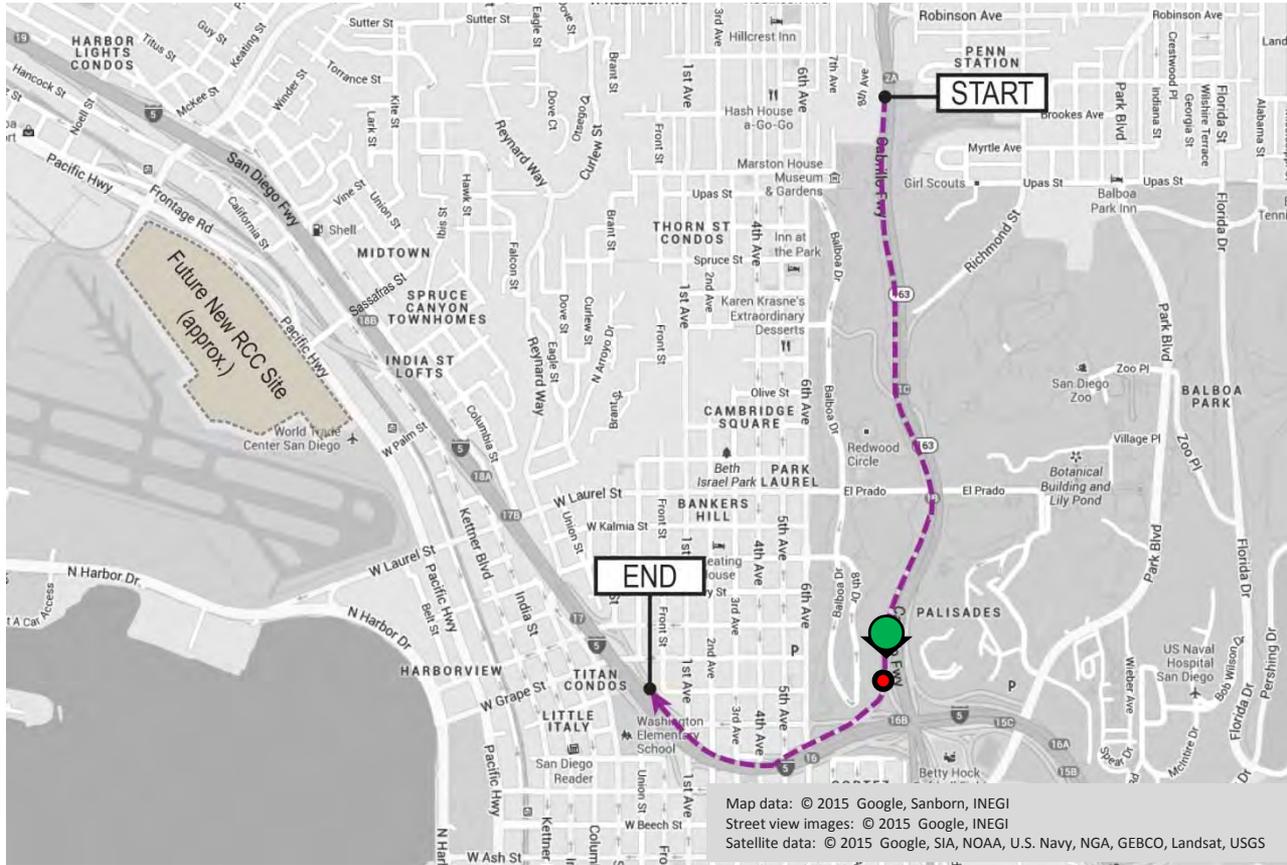


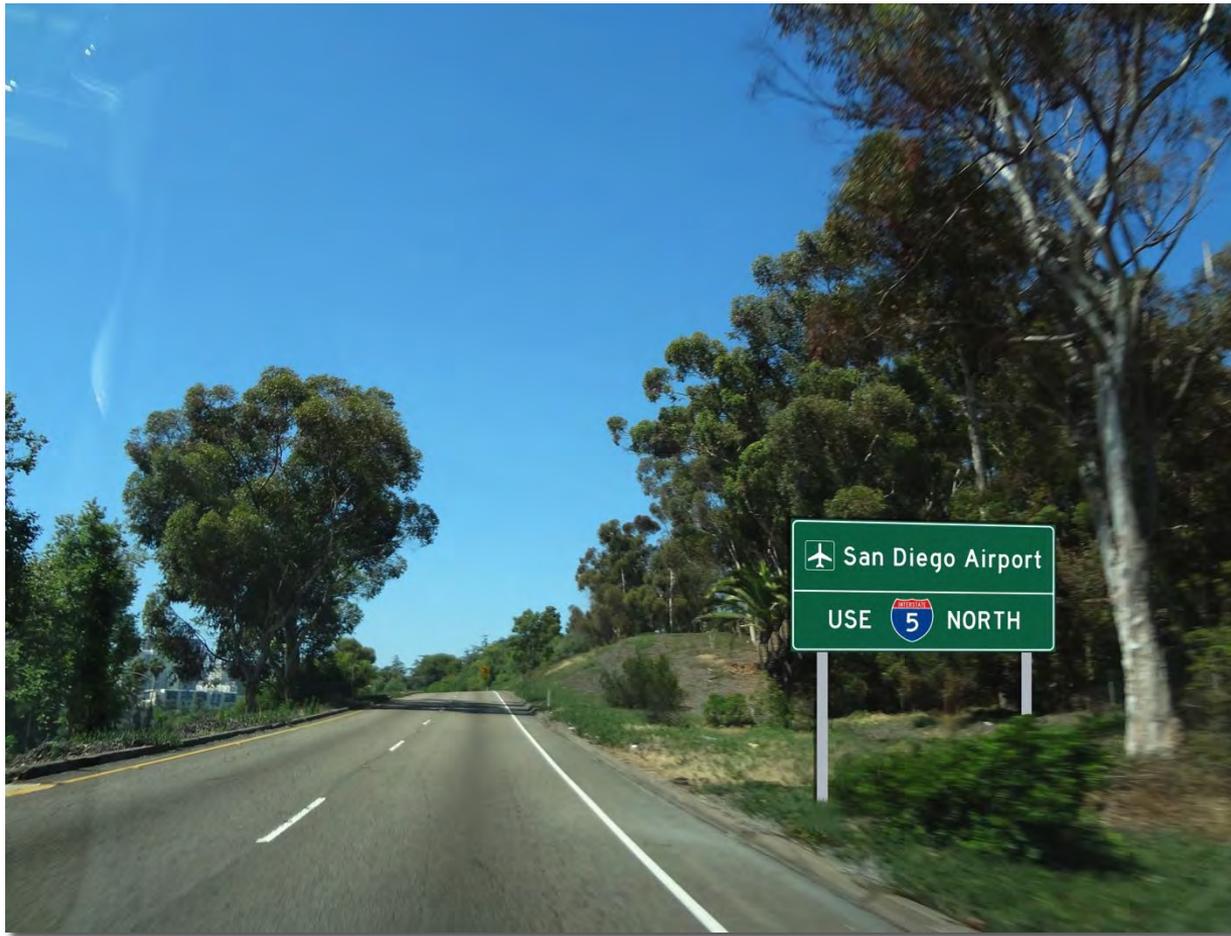


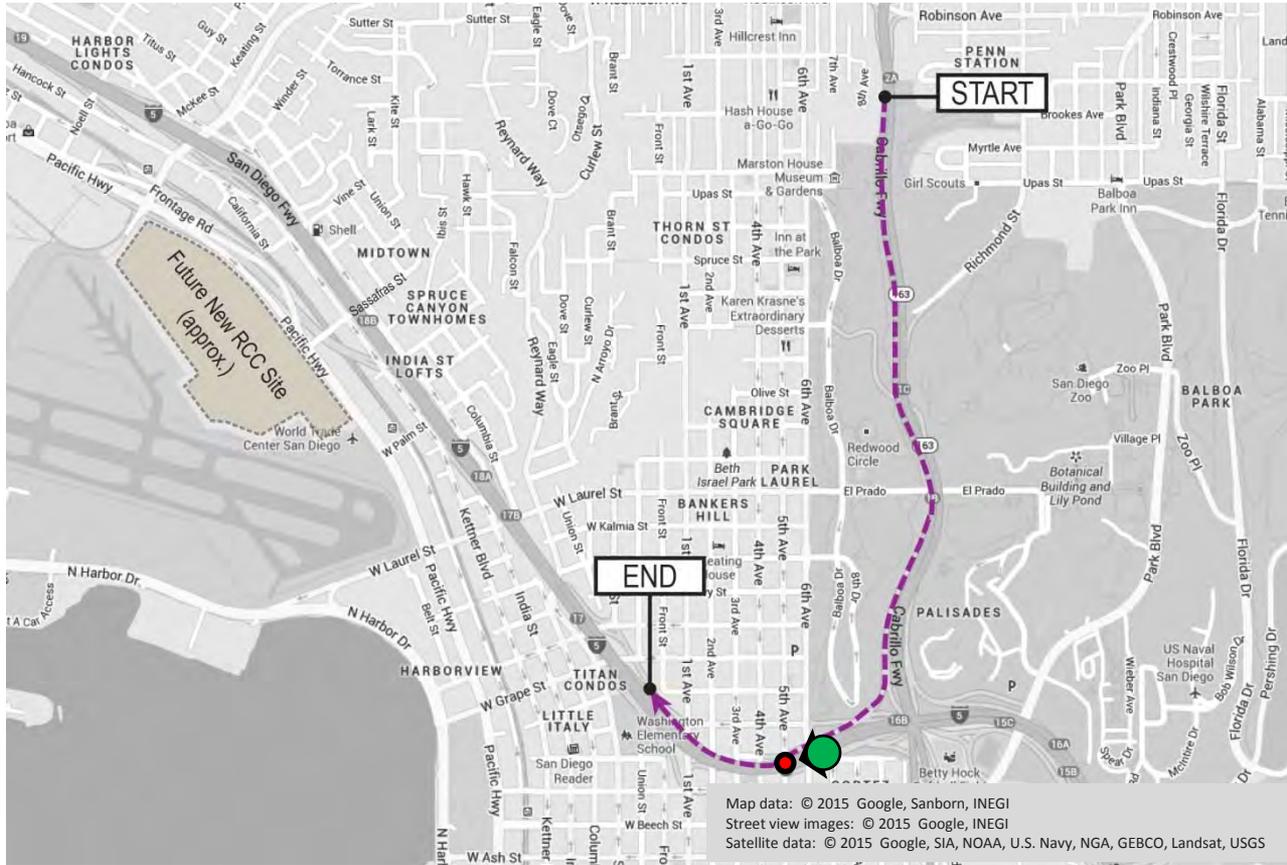




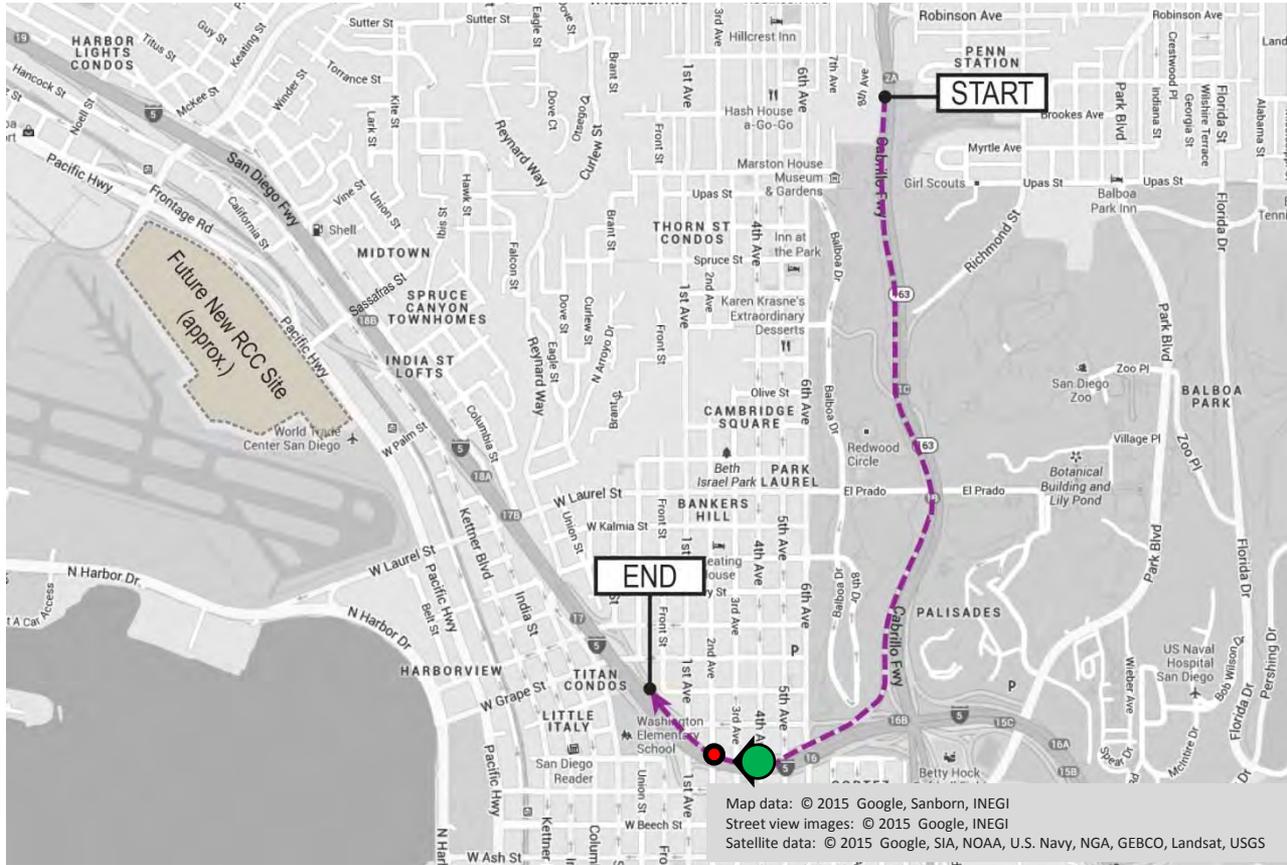
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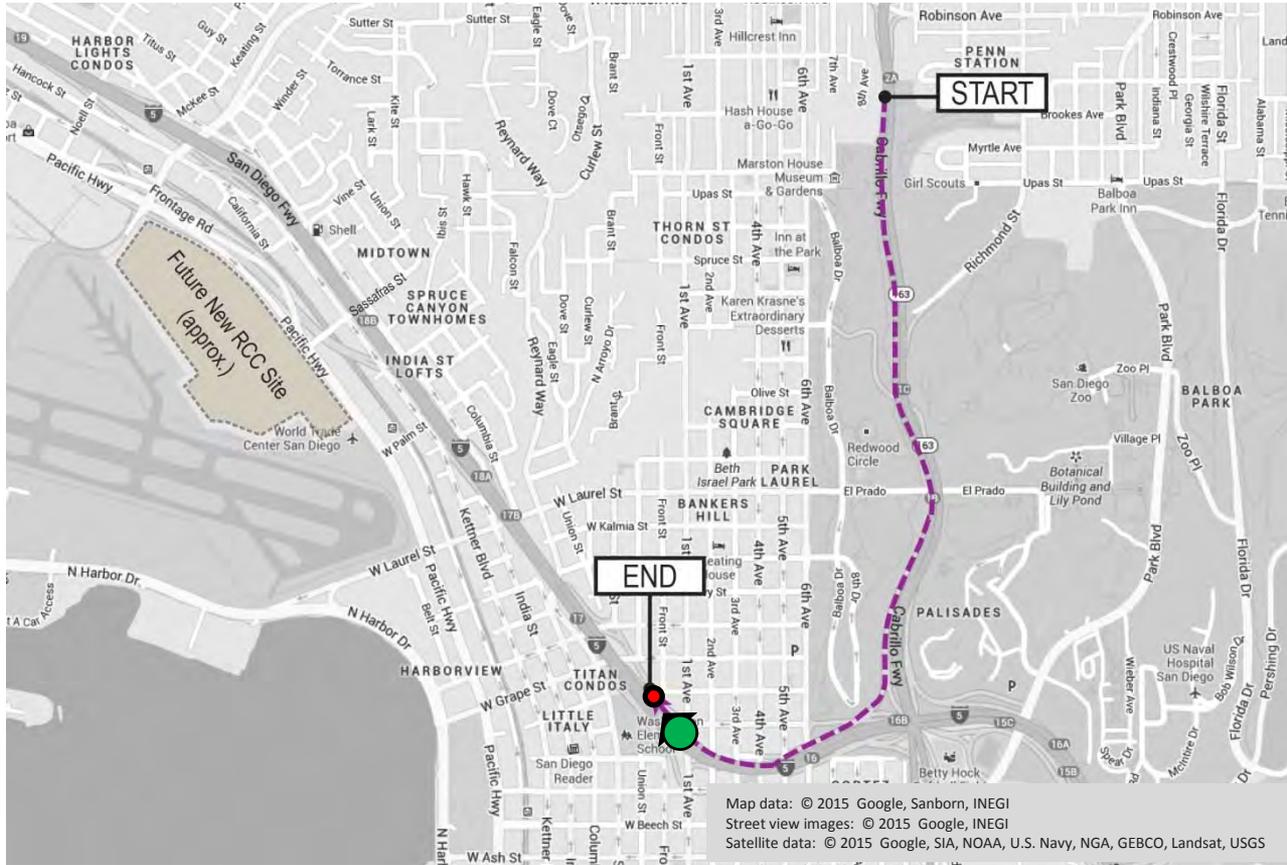






Alternate Option









94 WEST to I-5 NORTH





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INTERNATIONAL AIRPORT

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THANK YOU



Revised 7/15/15

Item 4



Capital Improvement Program Oversight Committee The Green Build Update

July 16, 2015

Presented by:
Bob Bolton
Director, Airport Design & Construction



Presentation Topics

The Green Build Update

Key Project Milestones

T2W Reroof

Budget Performance

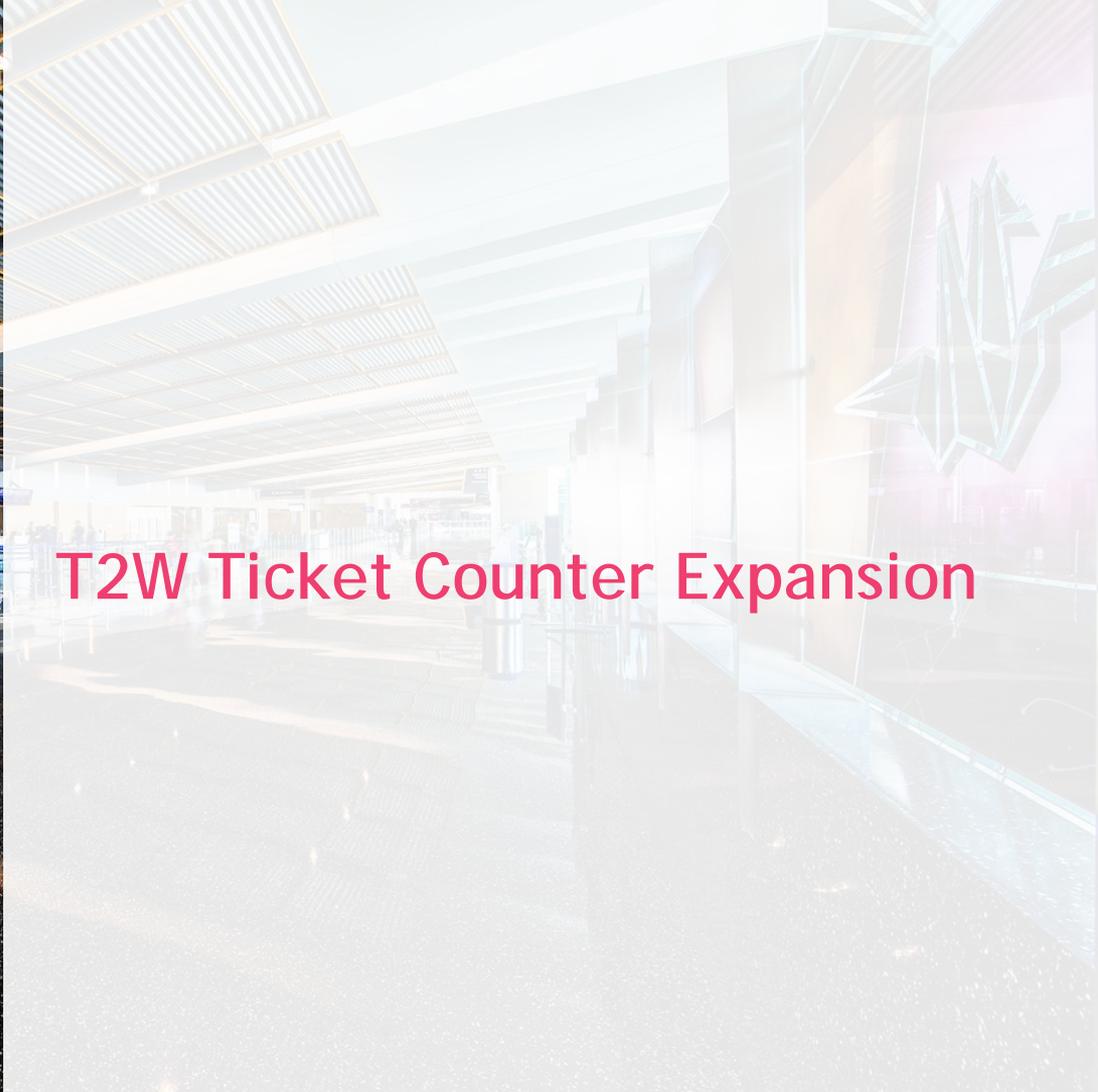
Closeout

Key Construction Milestones

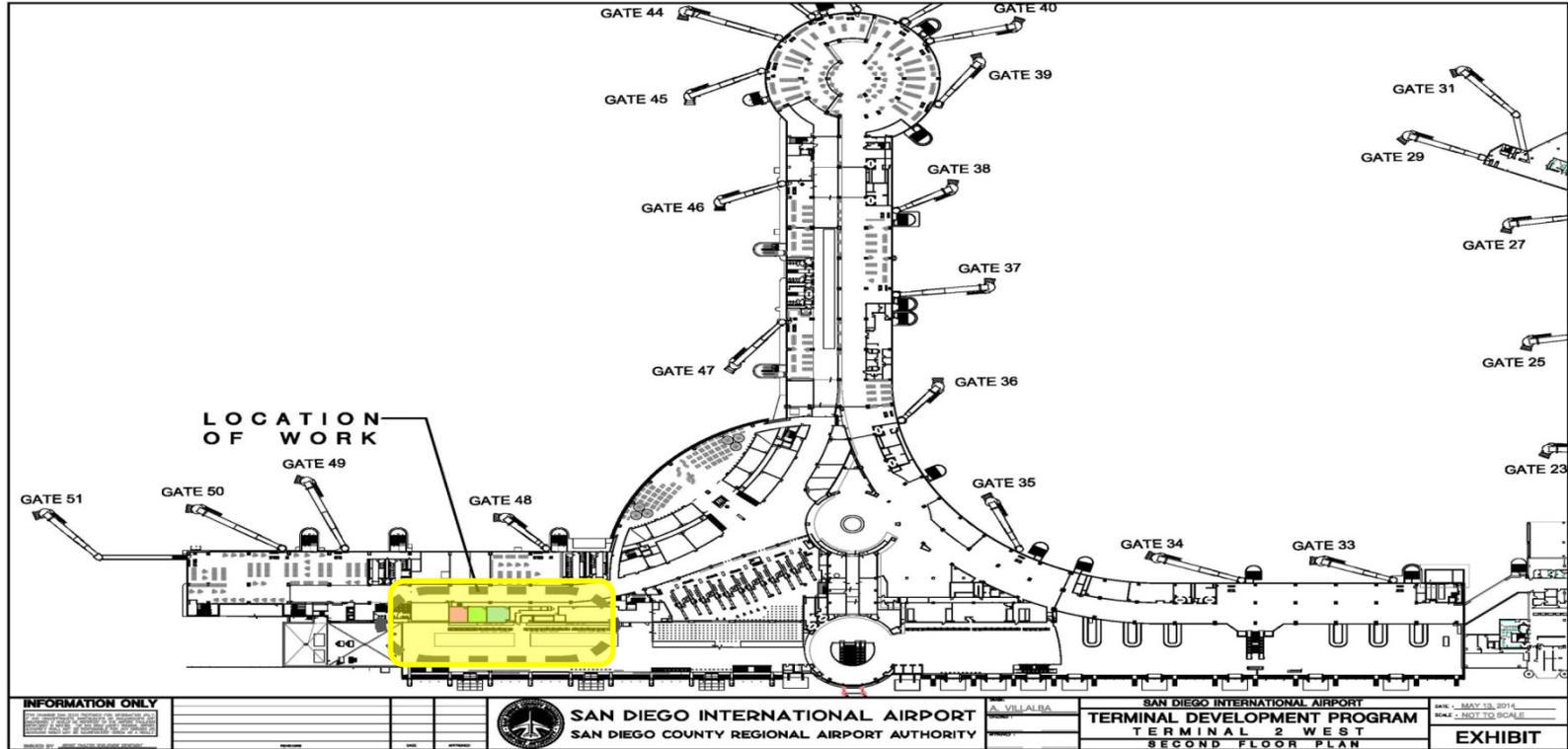
Milestone Event	Planned Completion
EDR Sidewalk Replacement	COMPLETE
Ticket Counter Expansion	COMPLETE
BHS, Airside & Landside Contract	COMPLETE
Proposed Reroofing of T2W Existing	October 2015
Terminal Contract Close	February 2016



T2W Ticket Counter Expansion



T2W Ticket Counter Expansion



Location

T2W Ticket Counter Expansion Complete



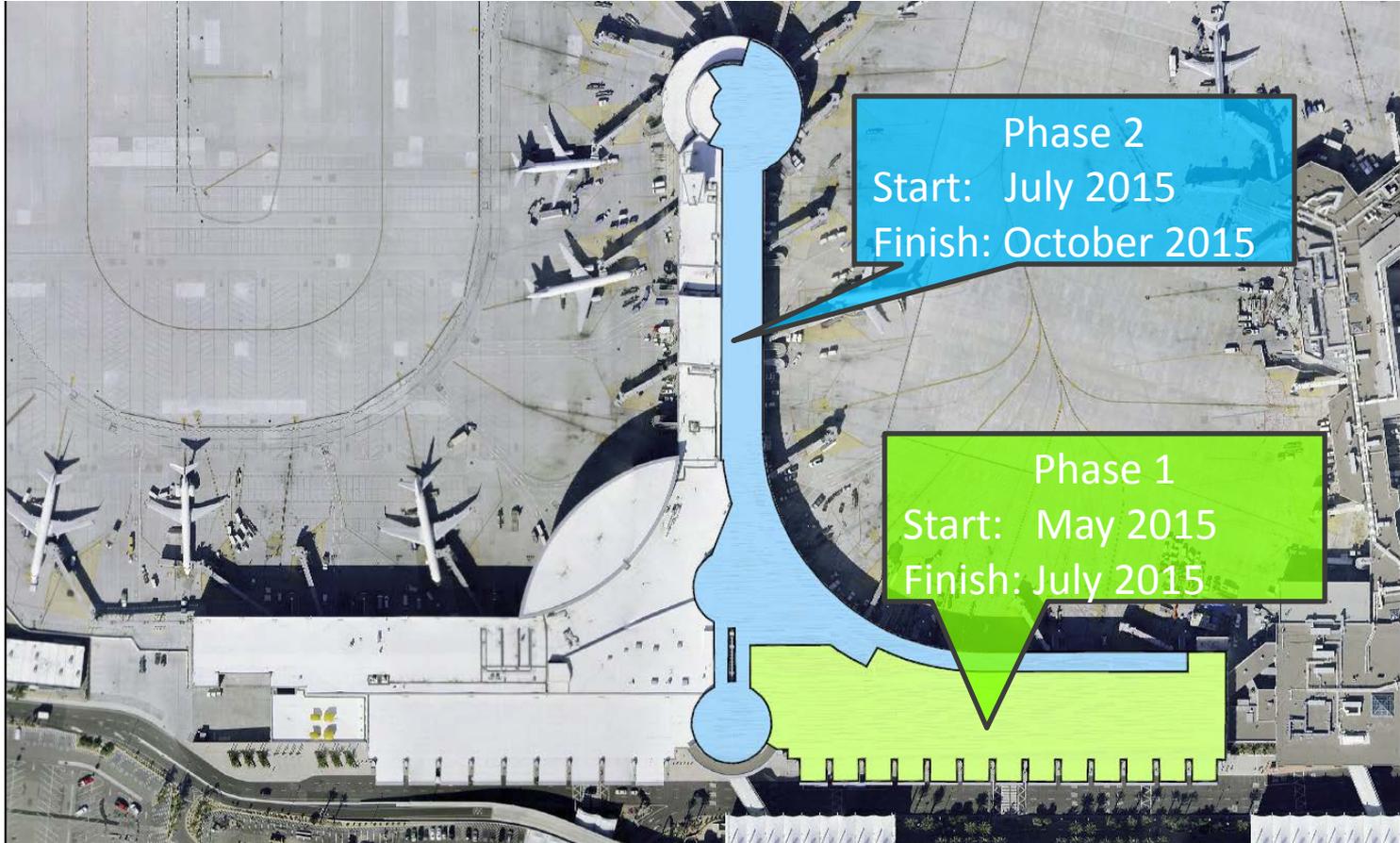


Reroof T2W Existing



Terminal 2 Re-roof Aerial



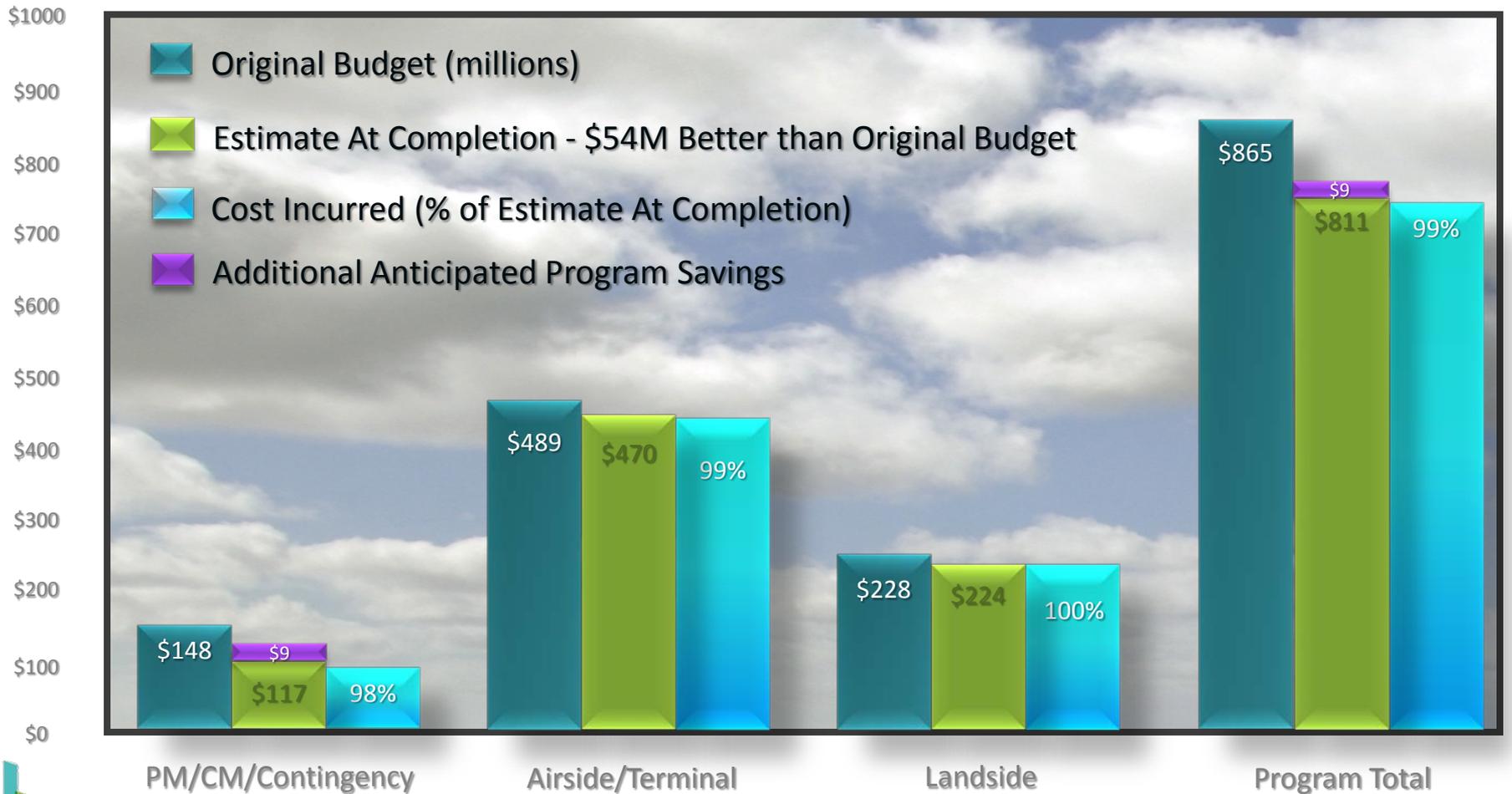


Reroof T2W Existing Progress Update

- Started Construction May 2015
 - 70% of Rock has been Removed
 - 40% of Phase 1 roofing material has been installed
 - On schedule to have phase 1 ready for Photovoltaic panels in Mid July

Reroof T2W Existing Progress Photo





Construction Work Remaining

- Installation of Sunset Cove Signage modification
- T2W Existing Reroof

Punch List

- 16,760
- 100% Complete

Public Art

- 100% Complete



The background features a gradient from dark blue at the top to a golden-yellow at the bottom. Numerous blue, semi-transparent spheres of varying sizes are scattered across the scene. Thin, dark lines radiate from the bottom center towards the top corners, creating a sense of depth and perspective.

Questions?



Capital Improvement Program Oversight Committee

Rental Car Center and Restaurant Update

July 16, 2015

Presented by:

Bob Bolton

Director, Airport Design & Construction



Presentation Topics

Rental Car Center

Schedule Update

Aerial Update

RCC Construction Status

Restaurant Construction Status

Budget Update

Key Construction Milestones

Milestone Event	Planned Date
Ground Breaking Ceremony	Complete
GMP to Board	Complete
Pile Caps & Grade Beams	Complete
First of Four Tower Cranes	Complete
First Columns / First Slab on Grade	Complete
Exterior Skin Starts	Complete
Topping Out	Complete
Turnover of RAC Tenant Spaces	Complete
Construction Substantial Completion	October 2015
RCC Operational	January 2016
Restaurant Operational	To Be Determined





Rendered Aerial View



December
2014

June
2015

Construction
Status





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INTERNATIONAL AIRPORT.
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Aerial View



New Shuttle Bus



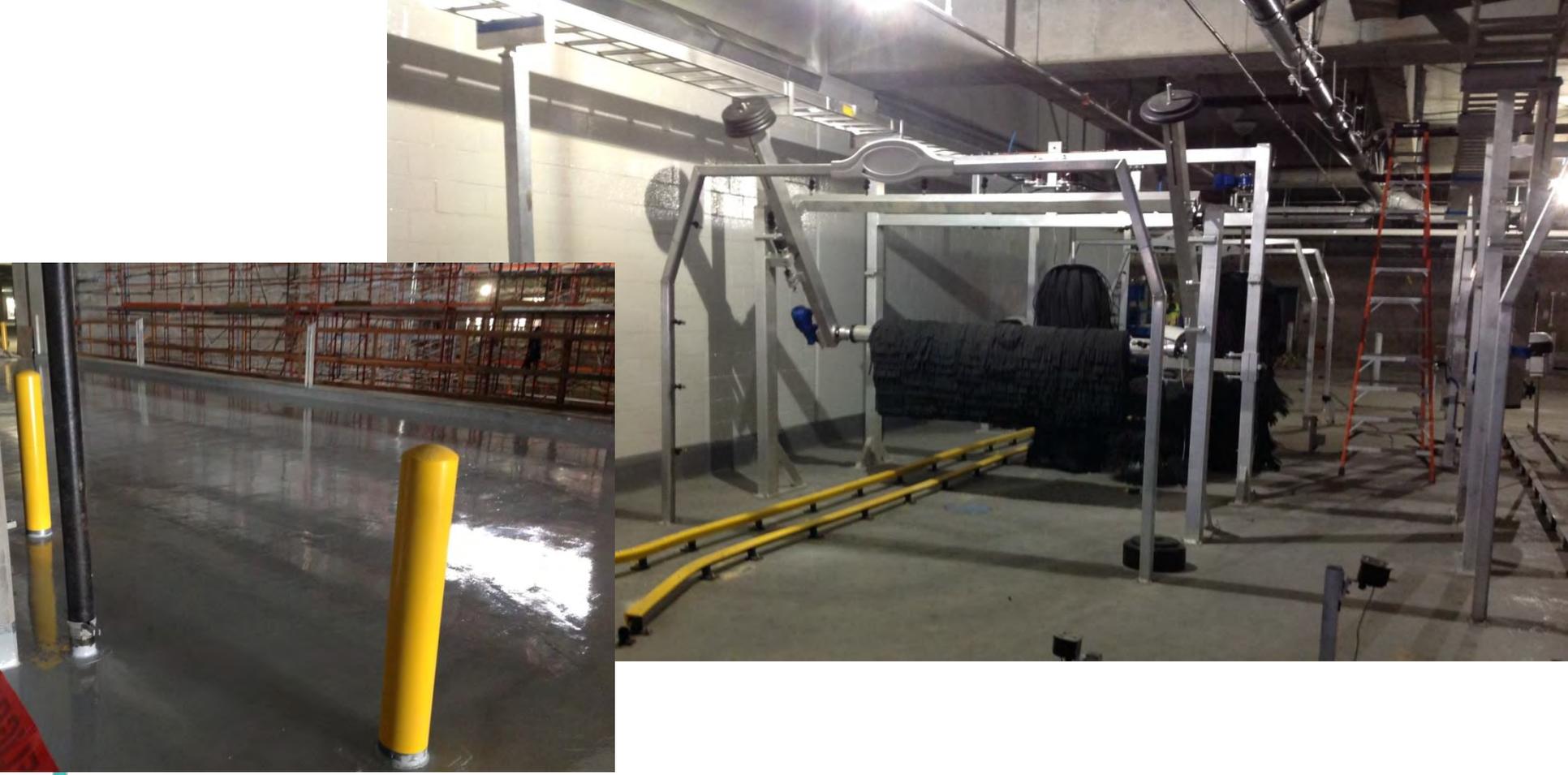
Topping-out Ceremony



SAN DIEGO
INTERNATIONAL AIRPORT.
LET'S GO.

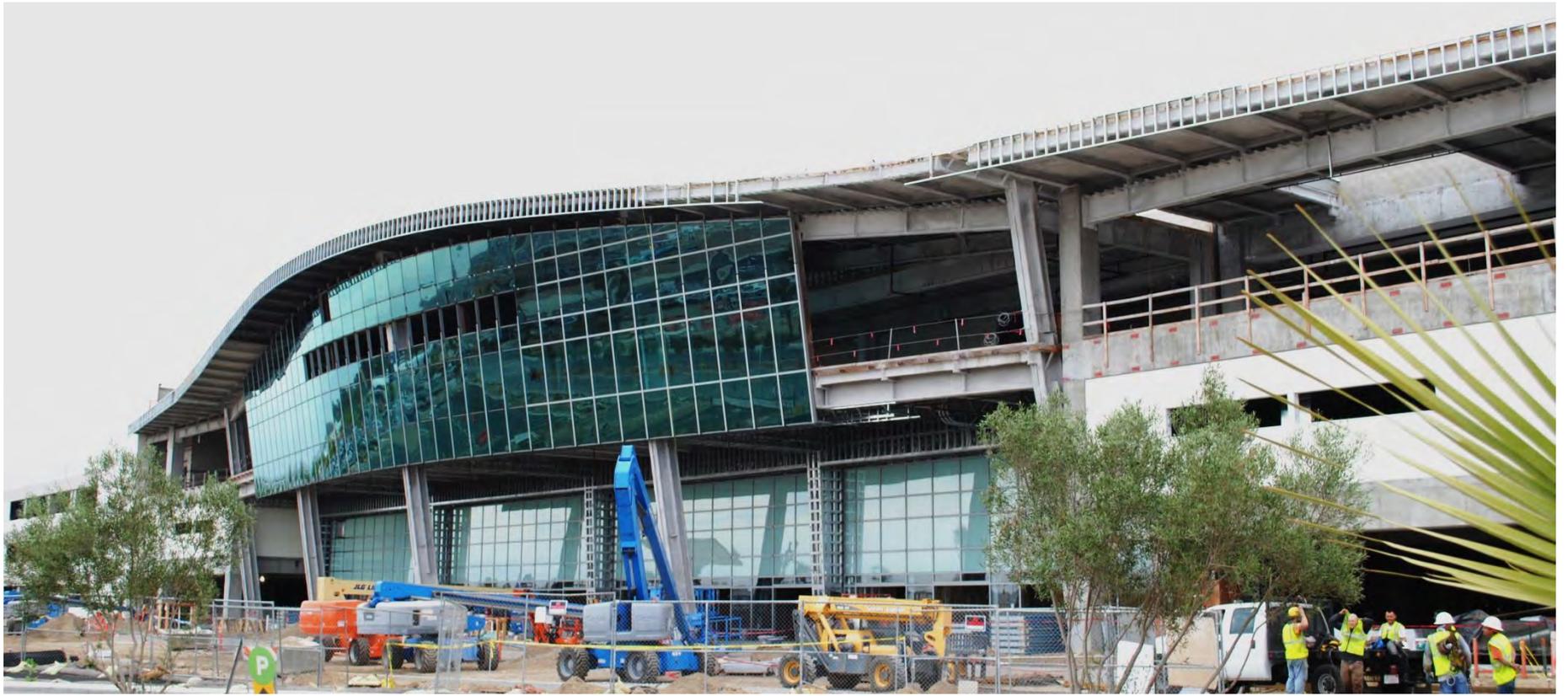
Topping-out





Car Wash Equipment & Flooring

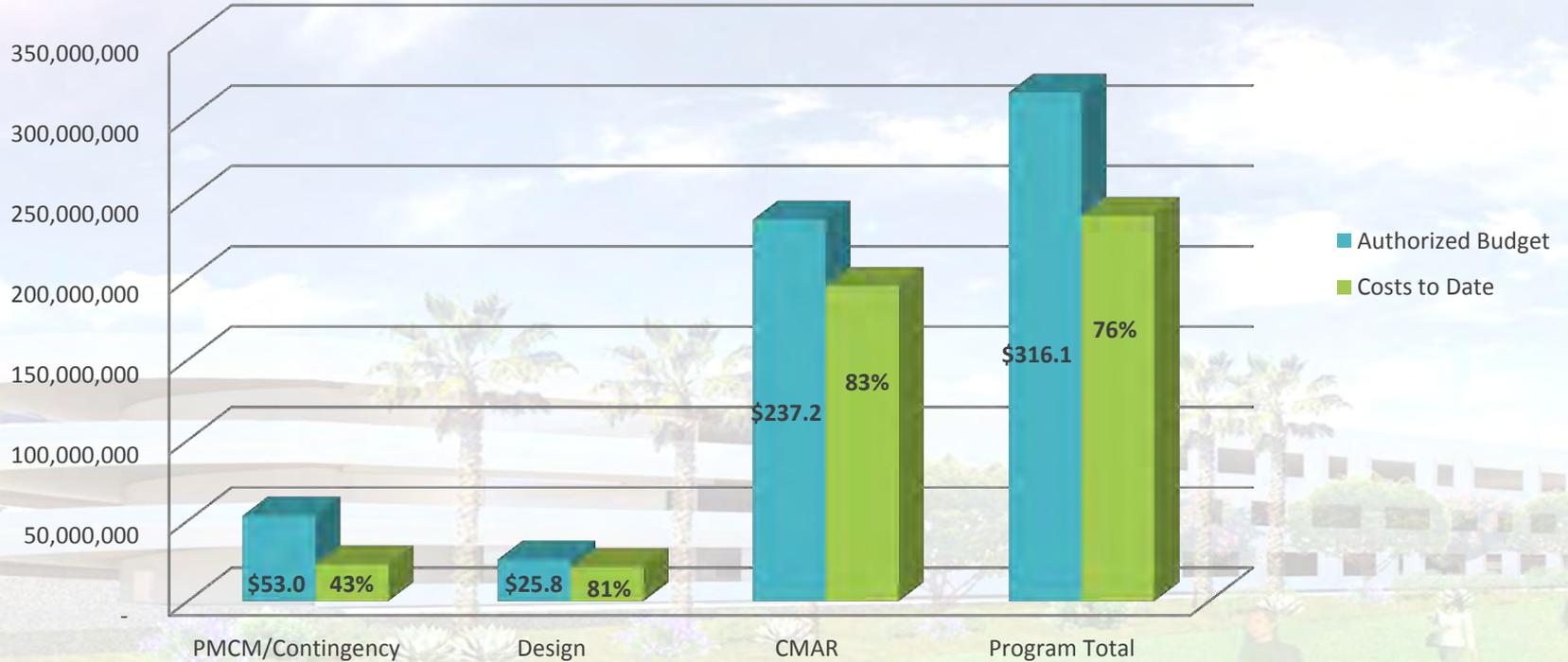




Restaurant Construction

Rental Car Center Budget Update

Cost Through May 2015





Questions?

ITEM 6



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INTERNATIONAL AIRPORT

LET'S **GO.**

Capital Improvement Program Oversight Committee

Terminal 2 Parking Plaza
Update

July 16, 2015

Presented by:

Bob Bolton

Director, Airport Design & Construction



Presentation Topics

Terminal 2 Parking Plaza

History

Previous Board Approvals

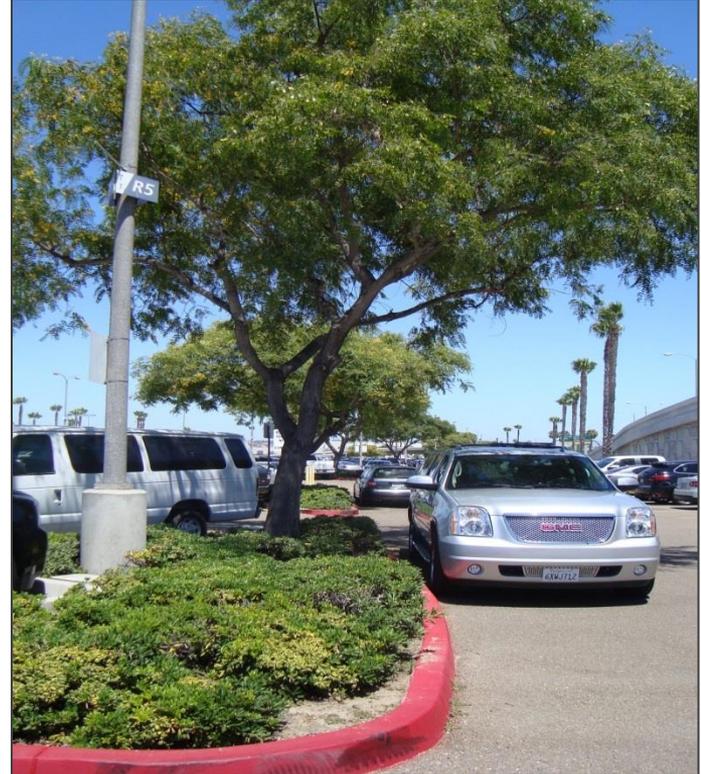
Project Milestones

Project Delivery

Programmatic Document

Next Steps

SDIA Has Observable Close-In Parking Problem



SDIA Has Observable Close-In Parking Problem

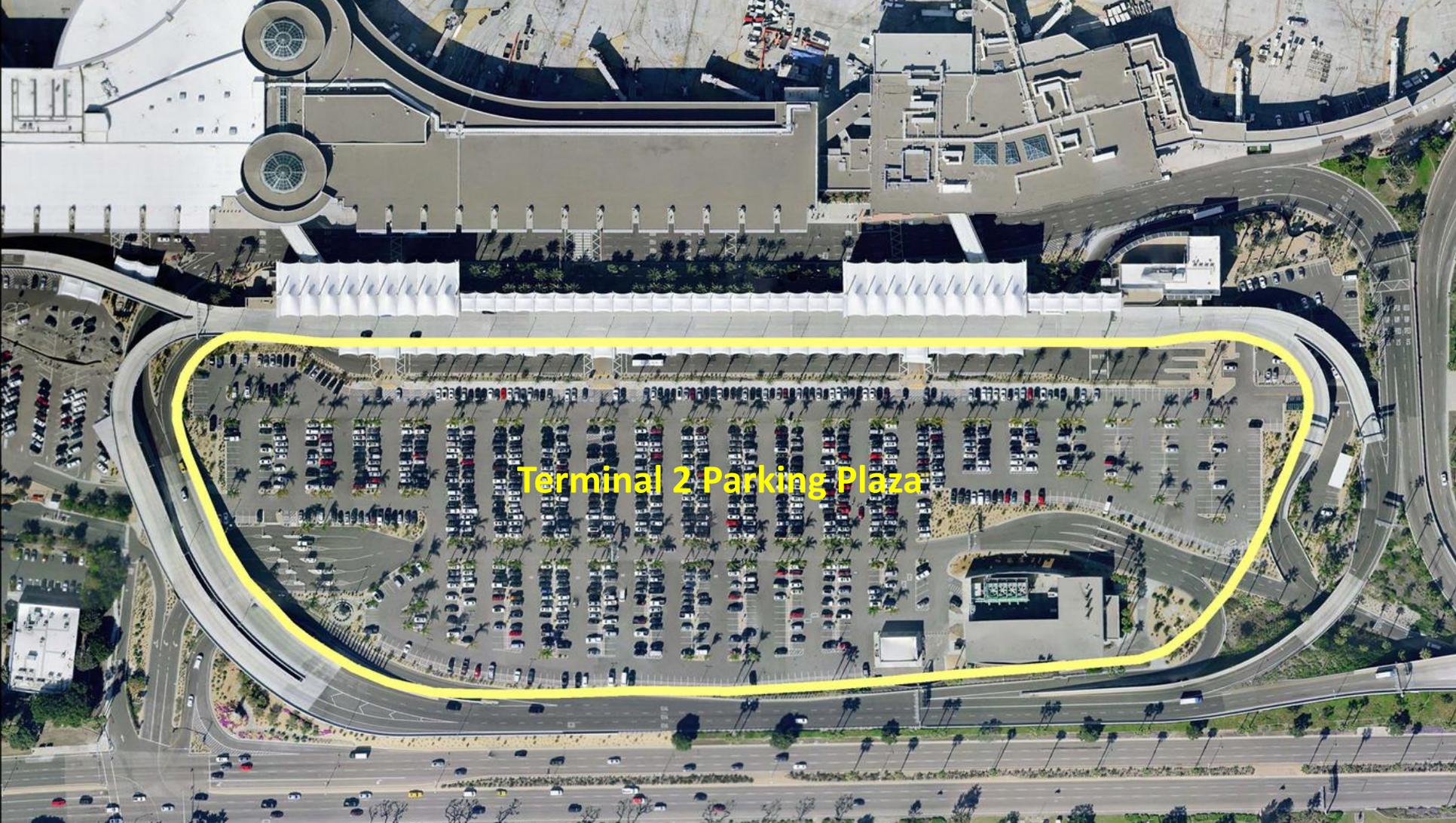


Parking Demand for Terminal-Area Parking

- **LeighFisher analysis concludes:**
 - 7,000 total public spaces required within walking distance of the terminals by 2035
 - 3,000 spaces needed for T2 customers immediately
 - A parking structure is required to provide these spaces
- **Analysis shows:**
 - Traffic impacts would be minimal
 - Passenger surveys demonstrated the need for additional parking
 - A parking structure is needed to minimize construction impacts during construction phasing for the replacement of Terminal 1
 - Parking structure fits in plan of finance (CIP)

Previous Board Approvals

- **July 7, 2014 Board Direction to Staff:**
 - Prepare & submit Coastal Commission development permit application
 - Commence steps toward project design and construction of:
 - 3 story parking plaza
 - 3,000 parking space capacity
 - Located in Terminal 2 Parking Lot



Terminal 2 Parking Plaza

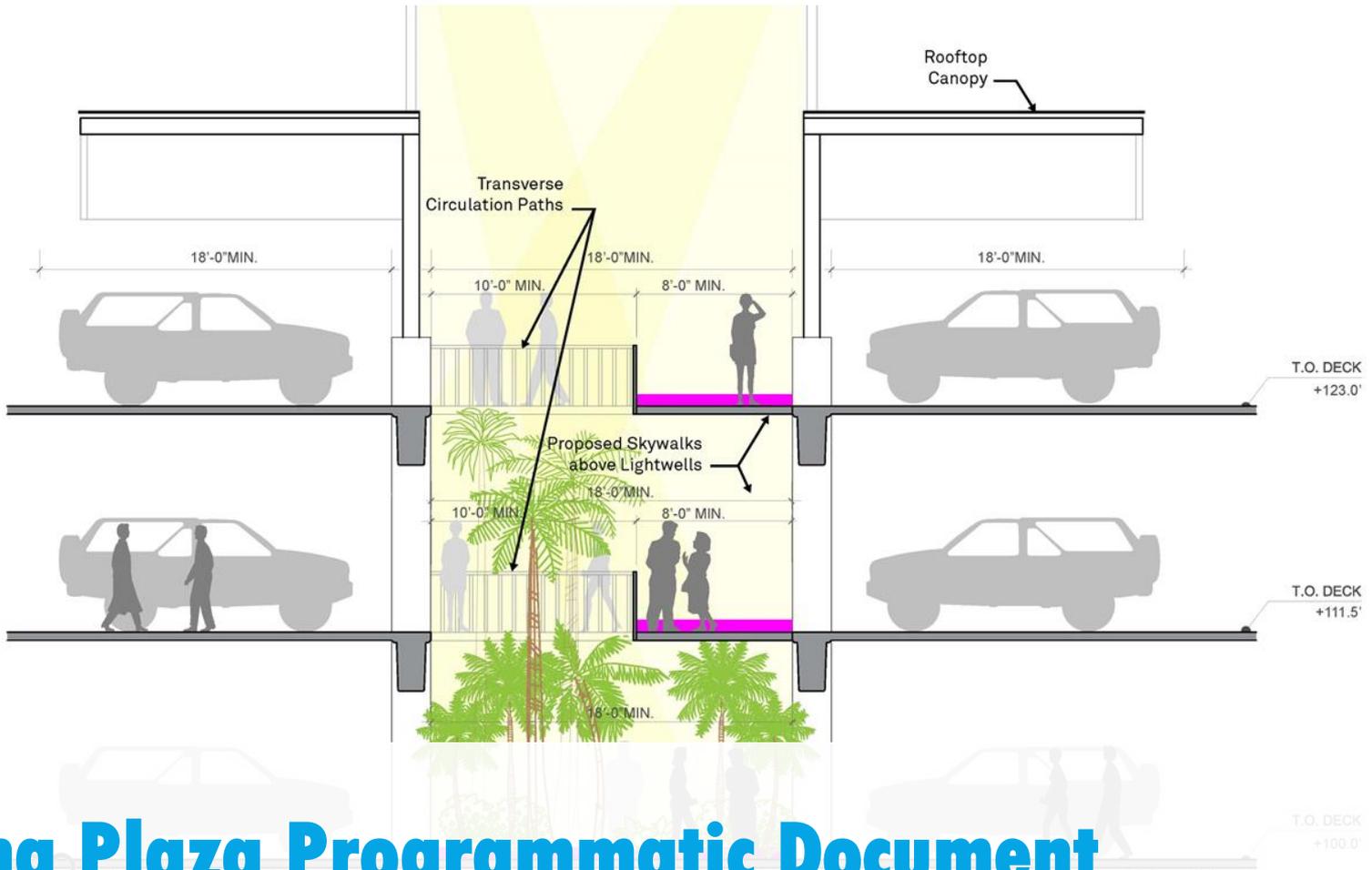
Parking Plaza Project Milestones

Anticipated Milestone Event	Planned Completion
California Coastal Commission Permit Application Submittal	Completed December 2014
Issue Request for Qualifications for Design-Builder (D-B)	Completed February 2015
Issue Request for Proposals to D-B Finalists	Completed April 2015
Programmatic Document	Completed July 2015
California Coastal Commission Meeting	TBD
Request Board Authorization to Negotiate Contract with Recommended D-B	TBD
Construction Start	2016
Construction Complete	18 month schedule pending confirmation

Programmatic Document

(Started: October 2014 Completed: June 2015)

- **A well developed building program to determine project criteria**
- **Establish scope drivers for the Airport Authority –**
 - What is “must have” vs “nice to have”
- **Developed over 30 Meetings with Internal Stakeholders**
- **Expect to provide final draft document to selected Design-Build team**



Parking Plaza Programmatic Document

Programmatic Document

- **Key Features Under Consideration –**
 - State of the art facility with industry leading customer service features
 - Extend the high level passenger experience established by the Green Build
 - Use technology to aid passenger experience & increase revenues while reducing vehicle emissions
 - Main elevator and stair cores provide opportunities for concessions, advertising, and Public Art
 - Enhanced pedestrian circulation within Parking Plaza



Design-Build Delivery

INTERNATIONAL AIRPORT.
LET'S GO.

Project Delivery

- **2-Step Best-Value Procurement**
 - RFQ to short-list qualified firms
 - **Proposals from 4 short-listed firms**
 - **Team Capabilities / Interview - 75% of Total Score**
 - **Price Proposal for Fee, Bond and Staff Mark-ups – 25% pf Total Score**
- **Design Build**
 - **Single Contract for Both Design & Construction = Single Point of Accountability**
 - **Less Risk for Owner**
 - **Fast-Track Schedule**
 - **Early Cost Certainty**

Design-Build

- **Less Risk for Owner - Contractor is responsible for:**
 - Design errors or omissions
 - Bid overruns
 - Constructability issues
 - Coordination risk
- **Fast Track Schedule**
 - Overlapping design and construction phases
 - Contractor is single point of accountability for fast-track coordination
- **Early cost certainty**
 - Maximum Project Budget established at end of Validation Phase
 - Contractor responsible for designing to Budget
 - Guaranteed Maximum Price (GMP) once major design decisions have been made

Guaranteed Maximum Price (“GMP”)

- **Contractor’s mark-ups competitively bid**
- **Construction Trade packages will be competitively bid**
 - Best value selection with Price as primary factor
 - SBE and LBE participation incentivized
- **Validation of Pricing**
 - Rigorous price validation procedures
 - Independent cost estimates
 - Detailed review of cost proposals
- **Verification of Actual Costs**
 - Detailed back-up required and reviewed

GMP Cost Distribution



Next Steps

- **Future Anticipated Staff Requests to Board:**
 - Request Authorization for President/CEO to Negotiate and Execute Contract with Swinerton Builders
 - Authorization to Negotiate and Execute Work Authorizations for Early Design and Validation Phase with Swinerton Builders for a Not-To-Exceed Value
 - Board Authorization for Maximum Project Budget and CEO to Negotiate GMP (early 2016)



Questions?

Item 7

Revised 7/15/15

Capital Improvement Program Oversight Committee

Photovoltaic Update
Terminal 2 West – PPA
North Side - PPA

July 16, 2015

Presented by:
Bob Bolton
Director, Airport Design & Construction



Presentation Topics

Photovoltaic

Terminal 2 West PV

Phase 1a Progress

Schedule

North Side PV

Negotiation Update

Recommendation

SDCRAA Photovoltaic Location Map



T2W Photovoltaic—Phase 1a Progress Update

- All panels installed
- All Inverters installed
- Conduit/Wire is 95% complete
- Commissioning activity scheduled to complete in early August
- SDG&E interconnection sign off scheduled for August 2015
- Power generation scheduled for early September 2015

T2W Photovoltaic Installation

Construction Phases

Phase 1a
0.55 MW

Phase 1b
0.55 MW

Phase 2
2.2 MW

T2W Photovoltaic Installation

Phase 1a Terminal 2 West—West Roof

Phase 1a
0.55 MW

Mobilize

January 26, 2015

Start Installation

February 2, 2015

Complete Construction

August 2015

Generate Power

September 2015

T2W Photovoltaic Installation

Phase 1b Terminal 2 West—East Roof

Mobilize

July 2015

Phase 1b

0.55 MW

Start Installation

August 2015

Complete Construction

October 2015

Generate Power

October 2015

T2W Photovoltaic Installation

Phase 2 NTC Parking Lot

Mobilize

July 6, 2015

Start Installation

July 13, 2015

Complete Construction

November 2015

Generate Power

December 2015

Phase 2
2.2 MW

T2W Photovoltaic—Phase 1a Progress Photos



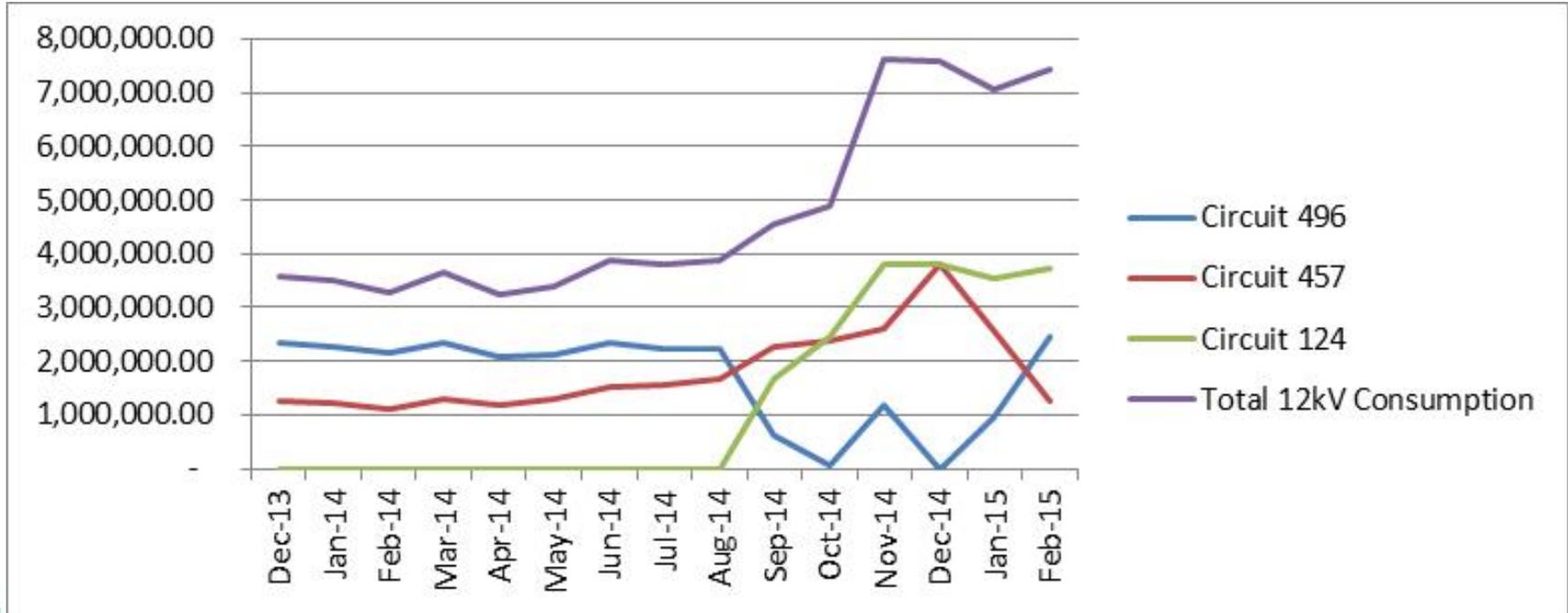
North Side Photovoltaic Power Purchase Agreement – Phasing

- Photovoltaic (PV) system needs bank funding for LFS 2
- Bank requires documented electrical demand based on SDG&E meter data
- Existing Meter data does not support 5 megawatt solar usage (at this time)
- Anticipate increased electrical demand in 2016 that will support PV power generation (about 4 megawatts)
- Current status requires a phased approach
- Proposed pricing (13.95 cents/kWh) remains the same until January 1, 2017

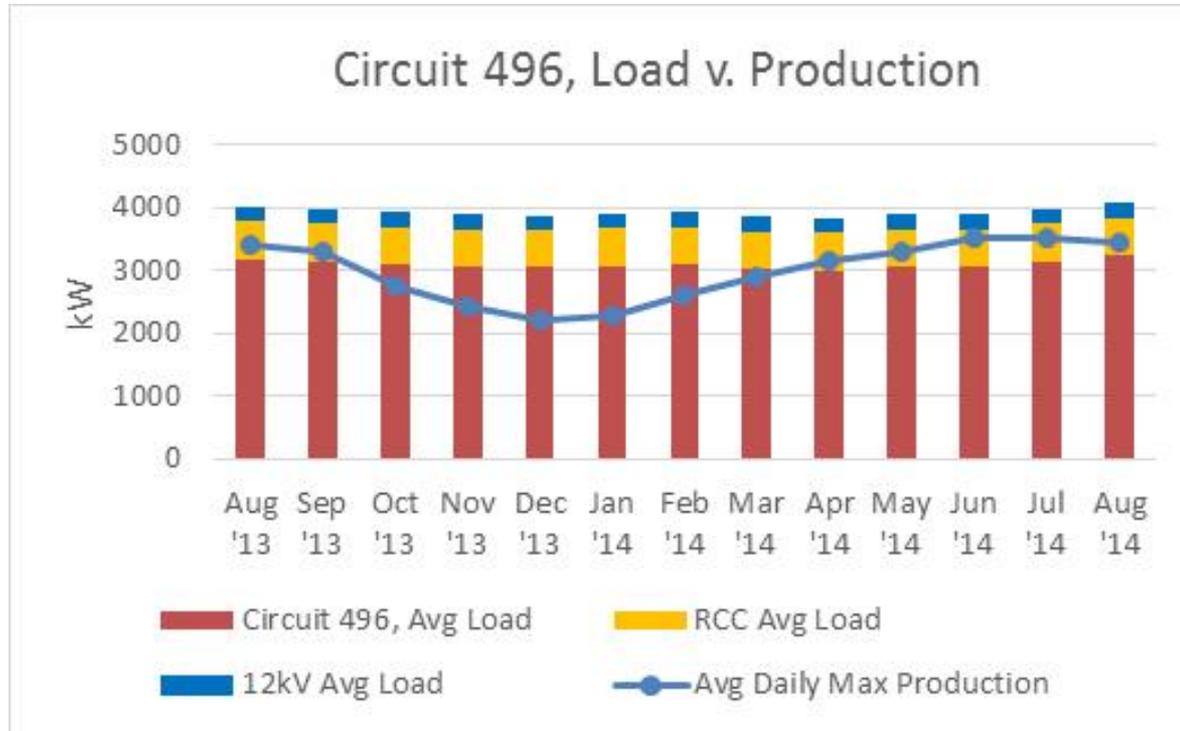
North Side Photovoltaic Anticipated Electrical Meter Data

- RCC electrical demand will not be known until early 2016
- 12kV loop final phases turned over in June (actual load could not be fully quantified due to lack of data)

North Side Photovoltaic Total 12kV Energy Consumption (kWh)

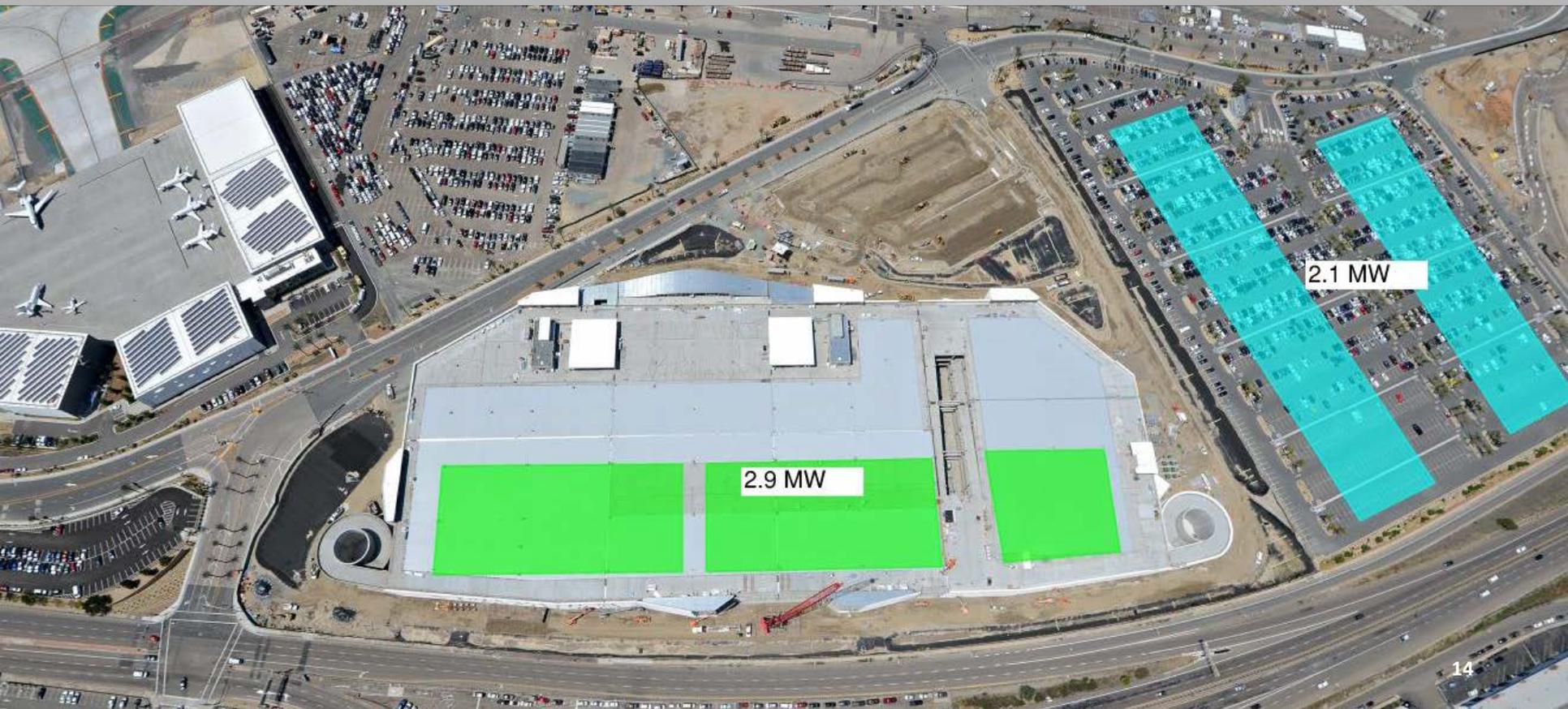


North Side Photovoltaic Energy Usage vs Solar Production



North Side Photovoltaic Installation

Original Proposal - Total 5 MW



North Side Photovoltaic Installation

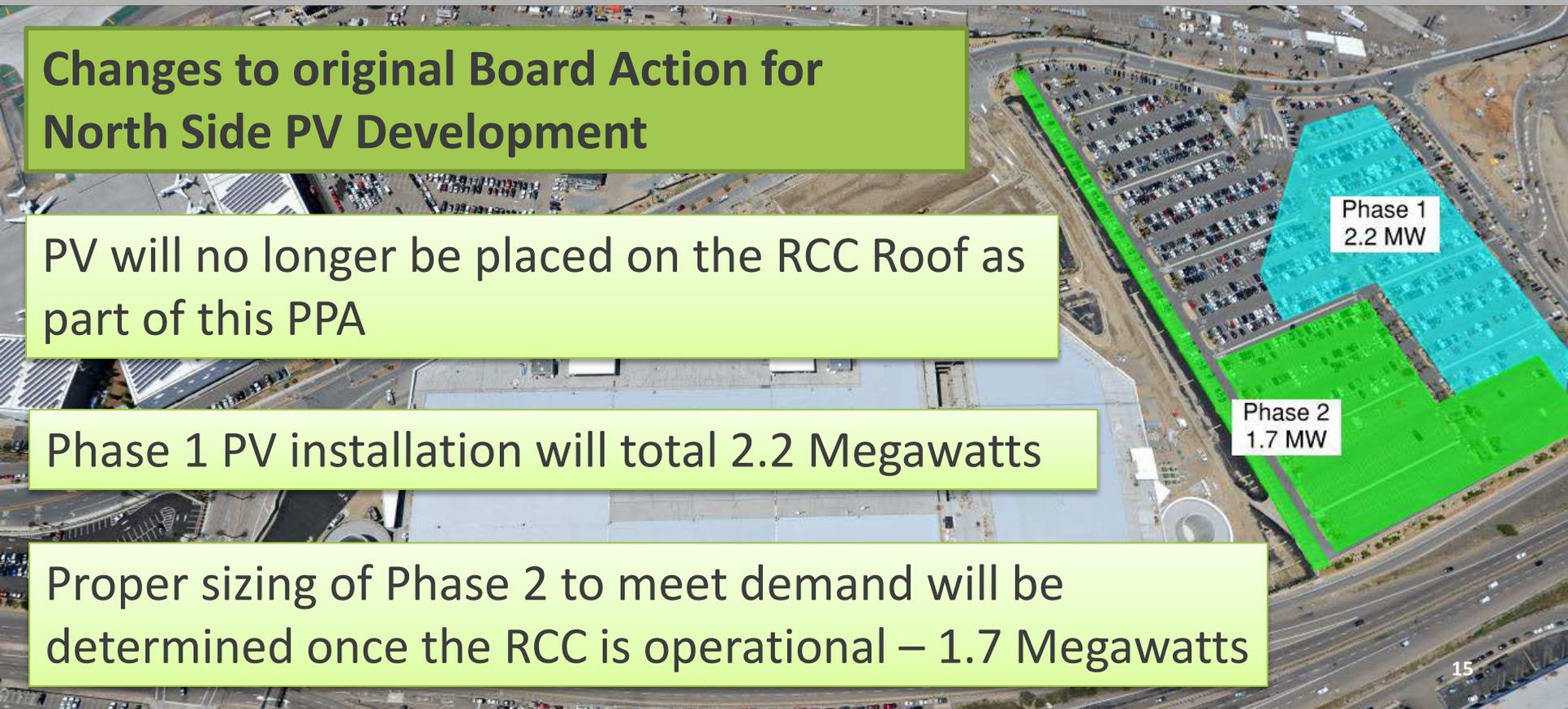
Phases

Changes to original Board Action for North Side PV Development

PV will no longer be placed on the RCC Roof as part of this PPA

Phase 1 PV installation will total 2.2 Megawatts

Proper sizing of Phase 2 to meet demand will be determined once the RCC is operational – 1.7 Megawatts



Phase 1
2.2 MW

Phase 2
1.7 MW

North Side Photovoltaic Recommendation

Amend Resolution No. 2014-0130 authorizing the President/CEO to negotiate and execute: (1) an amended site lease agreement with Lindberg Field Solar 2, LLC, for the development and installation of a solar photovoltaic (“PV”) generating system with the ability to generate up to 5.1 megawatts using a phased approach; and (2) an amended solar power purchase agreement with Lindberg Field Solar 2, LLC, to finance, design, install, operate, and maintain a PV generating system with the ability to generate up to 5.1 megawatts, allowing a phased installation at San Diego International Airport.



Questions?



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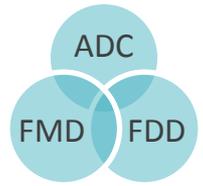
North Side Development Program Update

Presented by:
Keith Wilschetz, Director
Airport Planning & Noise Mitigation

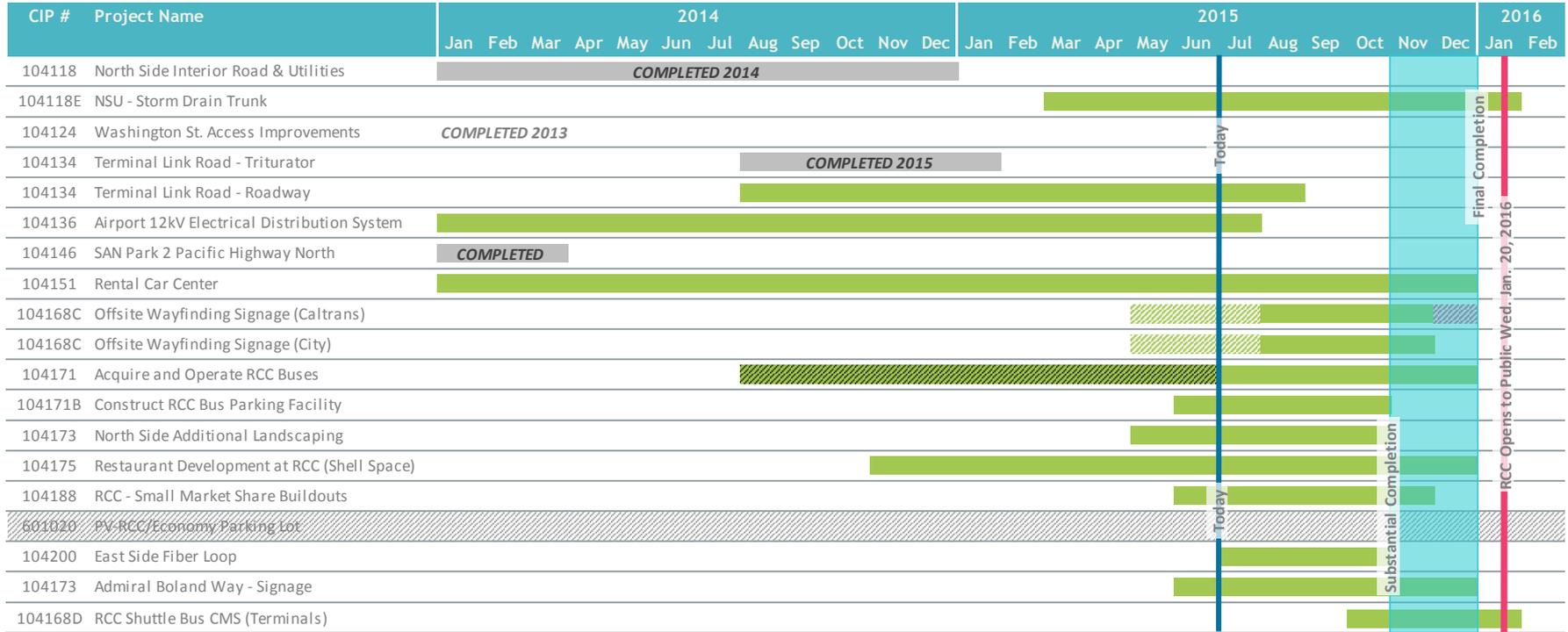
July 16, 2015

Enabling Projects Schedule

San Diego International Airport



NORTH SIDE DEVELOPMENT PROGRAM - CONSTRUCTION SCHEDULE OVERVIEW

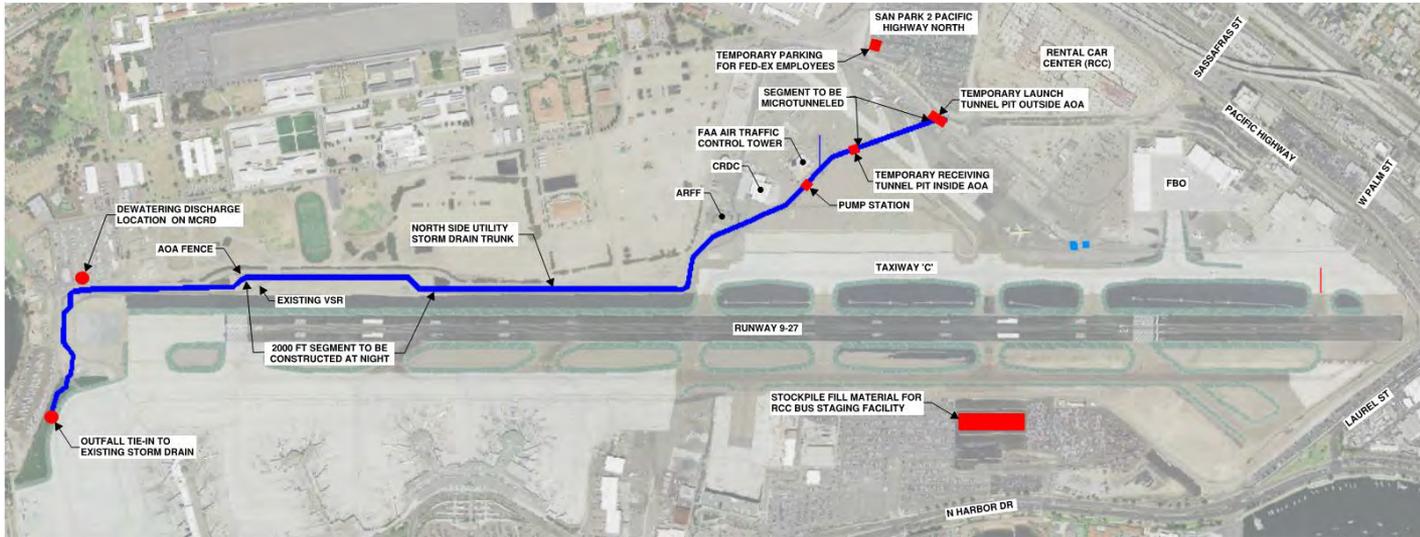


Updated: July 1, 2015

Key Project Milestones

- RCC Construction Opens Late January 2016
- Storm Drain Pump Station March – December 2015
- Admiral Boland Way/Terminal Link Road
 - SDIA Palm Avenue Intersection Improvements June 2014 - August 2015
 - Harbor Drive Widening July 2015
- Runway 9 Displaced Threshold Relocation August 2015
- North Side Additional Landscaping June – November 2015
- SDIA Wayfinding Signage June – December 2015
- 12kV Distribution Loop September – December 2015
- Completion August 2015

CIP#: 104118E NSU Storm Drain Trunk



- Negotiated Right of Entry for dewatering facilities with MCRD
- Received dewatering permit from City on 5/28, excavation activities underway

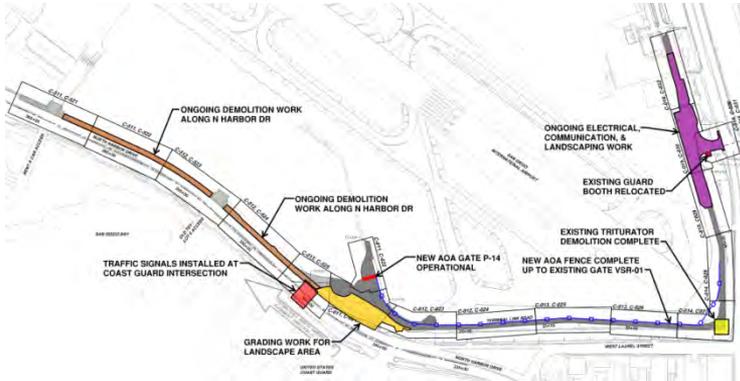
CIP#: 104134

Admiral Boland Way (Terminal Link Road)



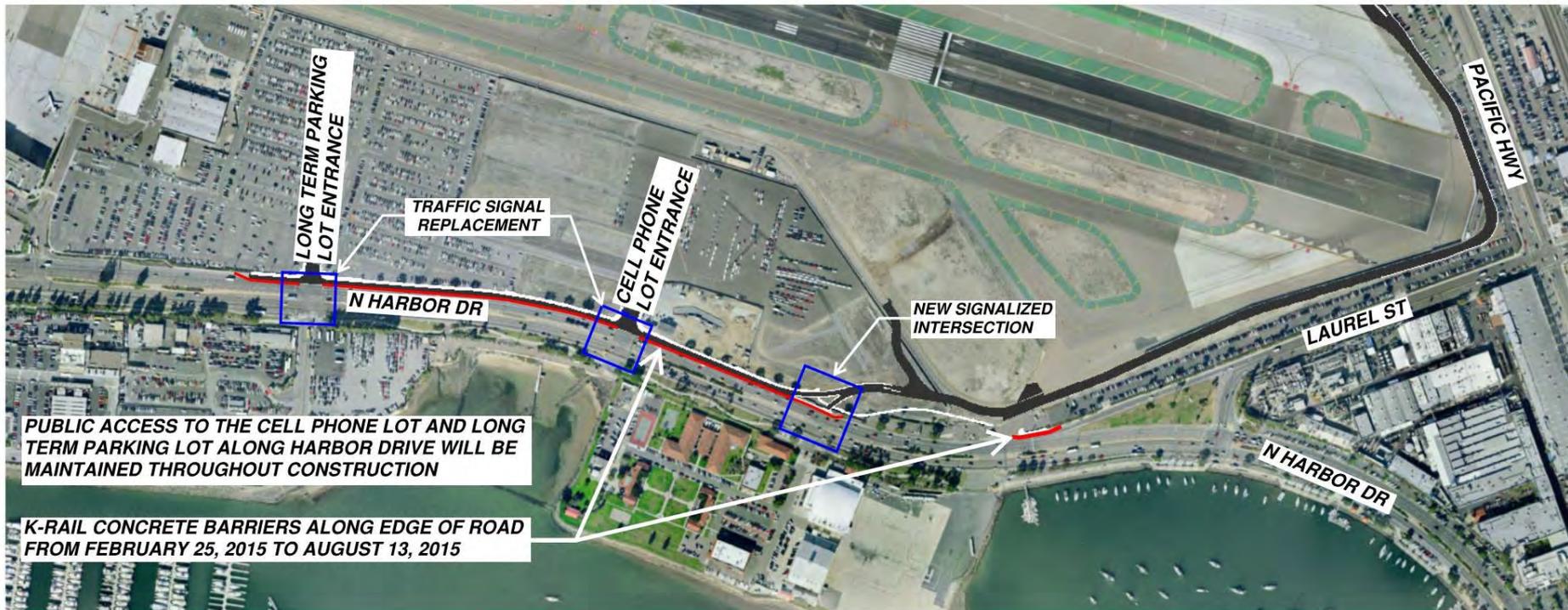
Key Elements:

- Coast Guard Traffic Signal Mod.
- P-14 (South Gate)—In Service
- P-10 (North Gate)—July 15
- Palm St. Landscaping -- July 24
- Blast Fence (Complete)
- Triturator Relocation (Complete)
- Environmental
 - Least Terns' Nesting
 - Fence Screen
 - Limit Activity



- Continuing work on the North Side, to include the Port Parking Lot and Palm St. Landscape.
- VSR Paving North of VSR-01 on-going
- Construction Complete August/September 2015

CIP#: 104134: Admiral Boland Way (Terminal Link Road) HARBOR DRIVE IMPROVEMENTS



- U.S. Coast Guard Traffic Signal is Up – Signal to be active in August
- Curb and Storm Drain to Cell Phone Lot on-going. Base paved west of USCG.
- SDG&E Relocations are on-going and creating delays

CIP#: 104168C: RCC Wayfinding Signage - City



Current Status:

- Advertised in June 2015
- Board Award scheduled at July Board meeting
- Notice to Proceed scheduled Sept 1, 2015
- Complete Sign installation by November 2015



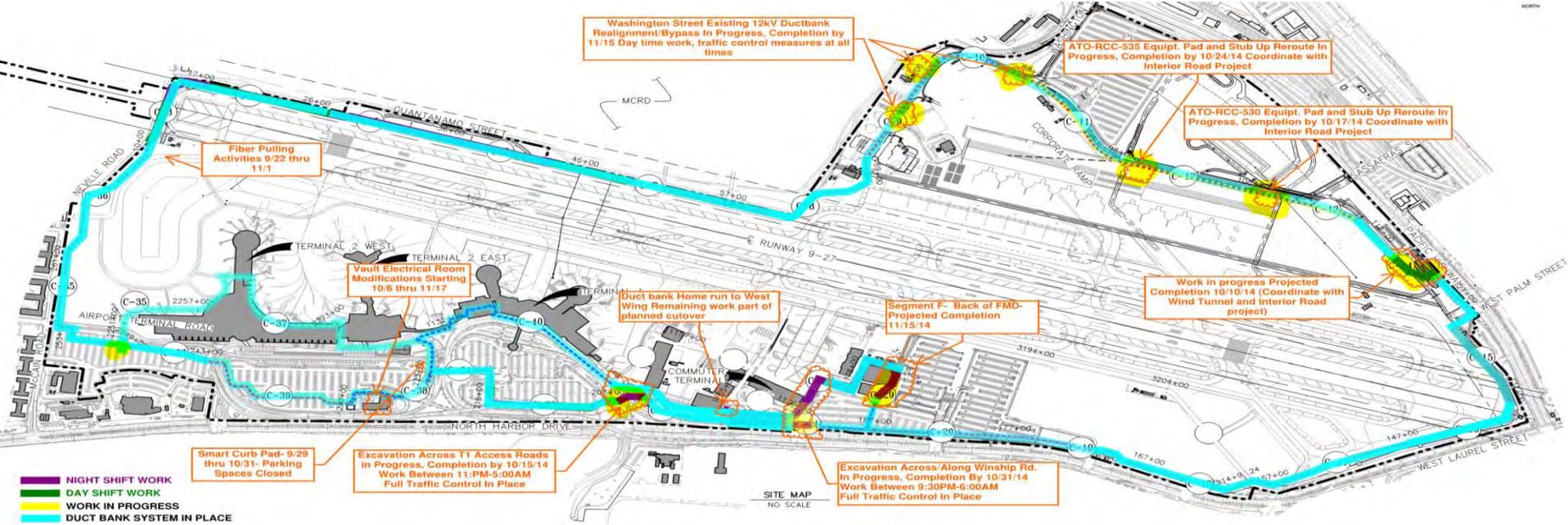
CIP#: 104168C: RCC Wayfinding Signage-Caltrans



Current Status:

- Advertised June 2015
- Board Award scheduled September 2015
- Notice to Proceed scheduled Oct 1, 2015
- Complete Sign Installation by December 2015
- Caltrans Permitting On-Going

CIP#: 104136 - Construct Airport Electrical Distribution System (12kV)



Current Status:

- In process of cut-overs at Economy Lot and Port Parking Lot; complete by July 22
- Commissioning through August

North Side Development Program

QUESTIONS?



Capital Improvement Program Oversight Committee

Financial Overview of the Green Build and Rental Car Center Costs

July 16, 2015

Presented by:

Michael Sears

Director Financial Management



Green Build Financial Overview



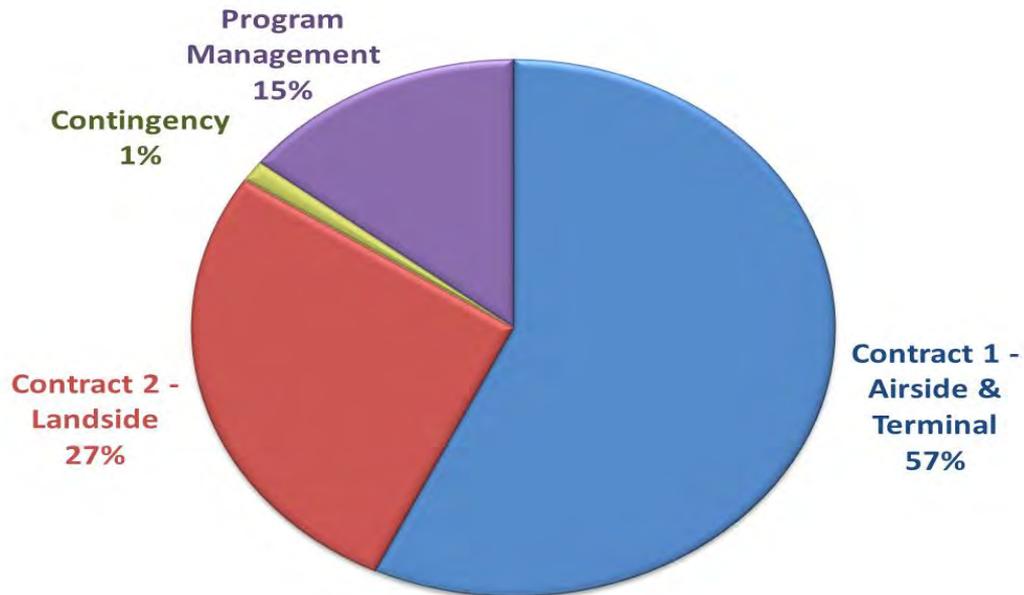
SANDIEGO
INTERNATIONAL AIRPORT.
LET'S GO.

Green Build Program by Contract

As of May 31 2015

(amounts expressed in thousands except percentages)

Contract	Budget
Contract 1 - Airside & Terminal	\$ 469,876
Contract 2 - Landside	224,508
Additional Anticipated Savings	9,266
Program Management	116,349
Grand Total	\$ 820,000



Green Build Program by Location

As of May 31, 2015

(amounts expressed in thousands)

<u>Budget</u>					
Location	Budget	Grants	Passenger Facility		Cash
			Charge Paygo	Bonds **	
Airside	\$ 57,169	\$ 39,600	\$ 5,652	\$ 11,917	\$ -
Landside	224,508	-	13,259	211,250	-
Terminal	412,708	18,615	69,865	323,794	434
Program Management	116,349	2,744	28,186	84,666	753
Additional Anticipated Savings	9,266	-	-	9,266	-
Grand Total	\$ 820,000	\$ 60,958	\$ 116,961	\$ 640,893	\$ 1,187

<u>Actuals</u>					
Location	Life-to-Date	Grants	Passenger Facility		Cash
	Actuals***		Charge Paygo	Bonds **	
Airside	57,096	\$ 39,600	\$ 5,652	\$ 11,844	\$ -
Landside	224,054	-	13,259	210,796	-
Terminal	407,343	18,615	69,863	318,060	806
Program Management	107,633	2,744	28,186	75,978	726
Additional Anticipated Savings	-	-	-	-	-
Grand Total	\$ 796,126	\$ 60,958	\$ 116,959	\$ 616,677	\$ 1,532

<u>% Used</u>					
Location	Life-to-Date	Grants	Passenger Facility		Cash
	Actuals		Charge Paygo	Bonds **	
Airside	100%	100%	100%	100%	*
Landside	100%	0%	100%	100%	*
Terminal	99%	100%	100%	98%	*
Program Management	93%	100%	100%	90%	96%
Additional Anticipated Savings	0%	0%	0%	0%	*
Grand Total	97%	100%	100%	96%	*

*Funding source usage can exceed 100% of budget due to interim funding sources and timing of Grant and Bond drawdowns

**Approximately 70% of Green Build Project costs that are funded with bonds will have debt service paid by PFC's

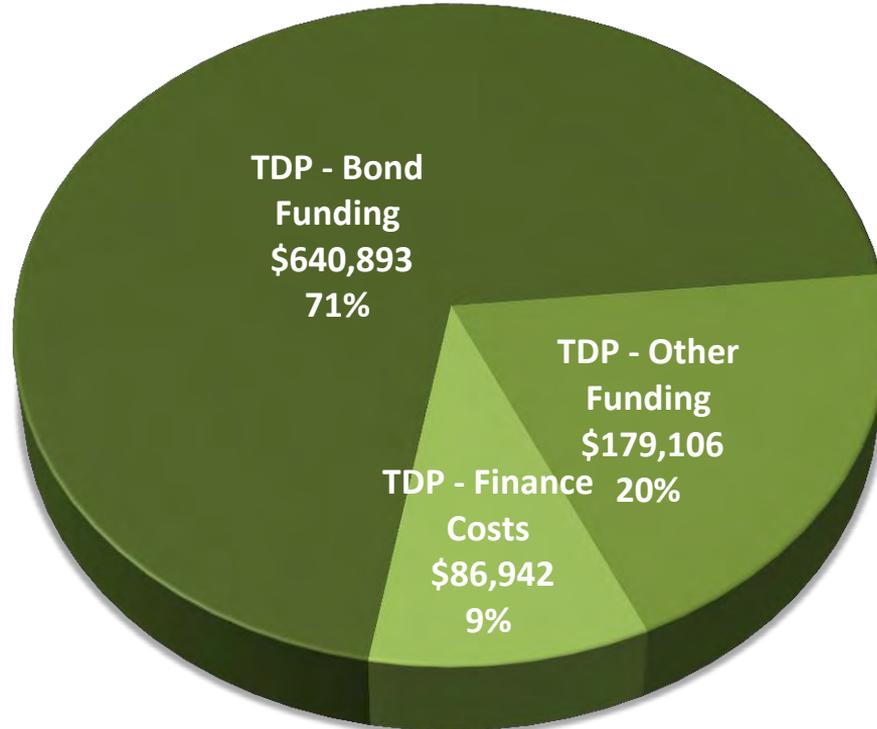
*** Actual LTD Costs exclude \$1.8M of Retention

Plan of Finance Total - Green Build

As of May 31, 2015

\$906,942,000

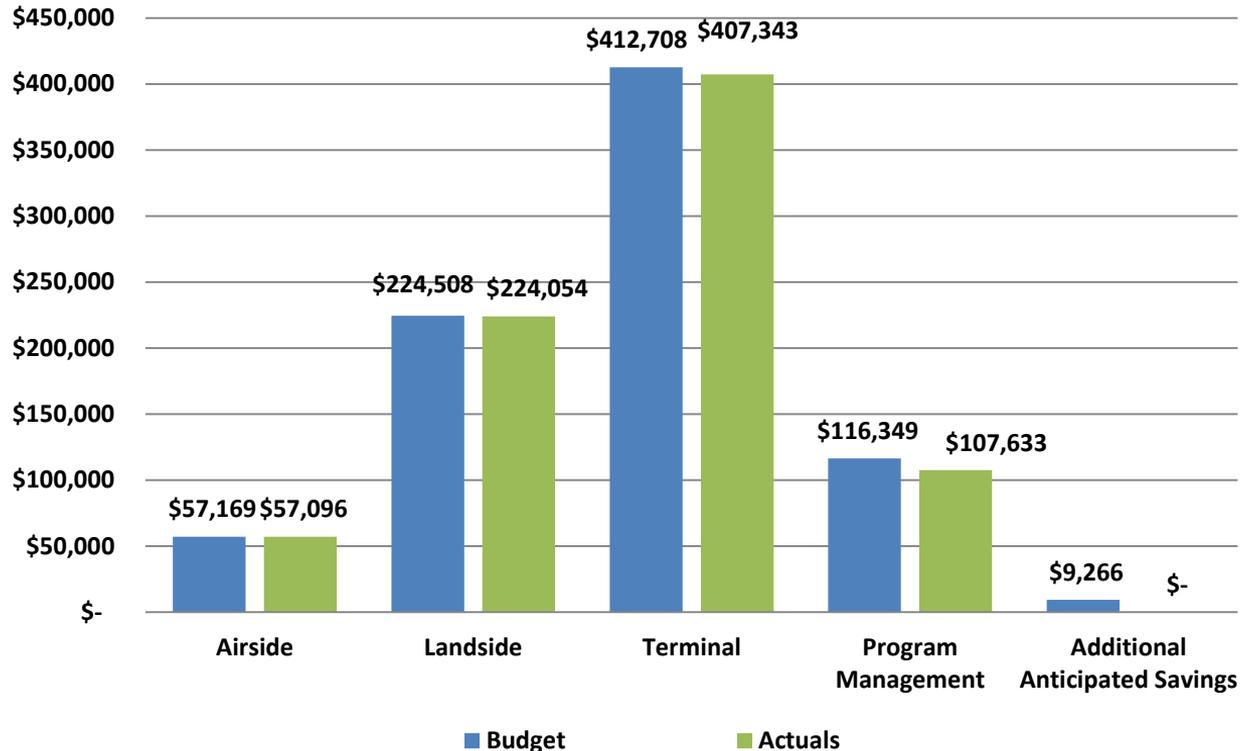
(Chart numbers shown in 000's)



Green Build Program by Location

As of May 31, 2015

(amounts expressed in thousands)

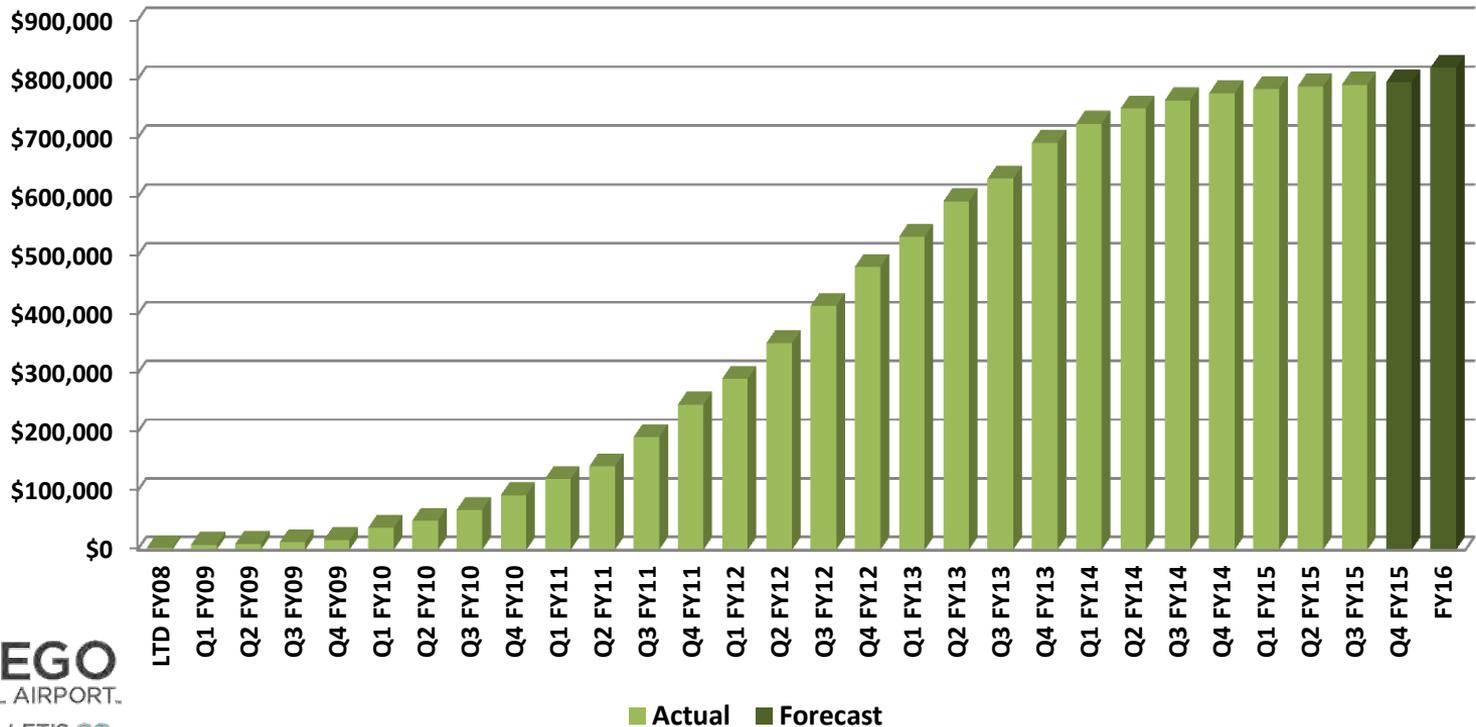


Green Build Program Cost Trend

As of May 31, 2015

(amounts expressed in thousands)

Green Build Cumulative Cost Trend





Rental Car Center (RCC) Financial Overview



RCC Program

As of May 31, 2015

(amounts expressed in thousands)

RCC and Enabling Projects	Project Costs	Actual Costs	Remaining
RCC project	\$ 316,124	\$ 214,502	\$ 101,623
Bus Acquisition and Staging Area ¹	16,880	1,444	15,436
Enabling Projects ¹	35,616	20,200	15,416
SDIA Wayfinding Signage/Directories - RCC ¹	2,410	423	1,987
Grand Total	\$ 371,030	\$ 236,568	\$ 134,462

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

Enabling Projects	CFC	Other Funding*	Total
Interior North Side Road and Utilities	\$ 14,010	\$ 9,805	\$ 23,815
North Side Utility Infrastructure - Storm Drain Trunk	2,523	11,492	14,015
Terminal Link Road	12,019	1,939	13,958
Airport Electrical Distribution System	5,352	23,326	28,677
Northside Additional Landscaping	1,713	1,646	3,359
	\$ 35,616	\$ 48,207	\$ 83,823

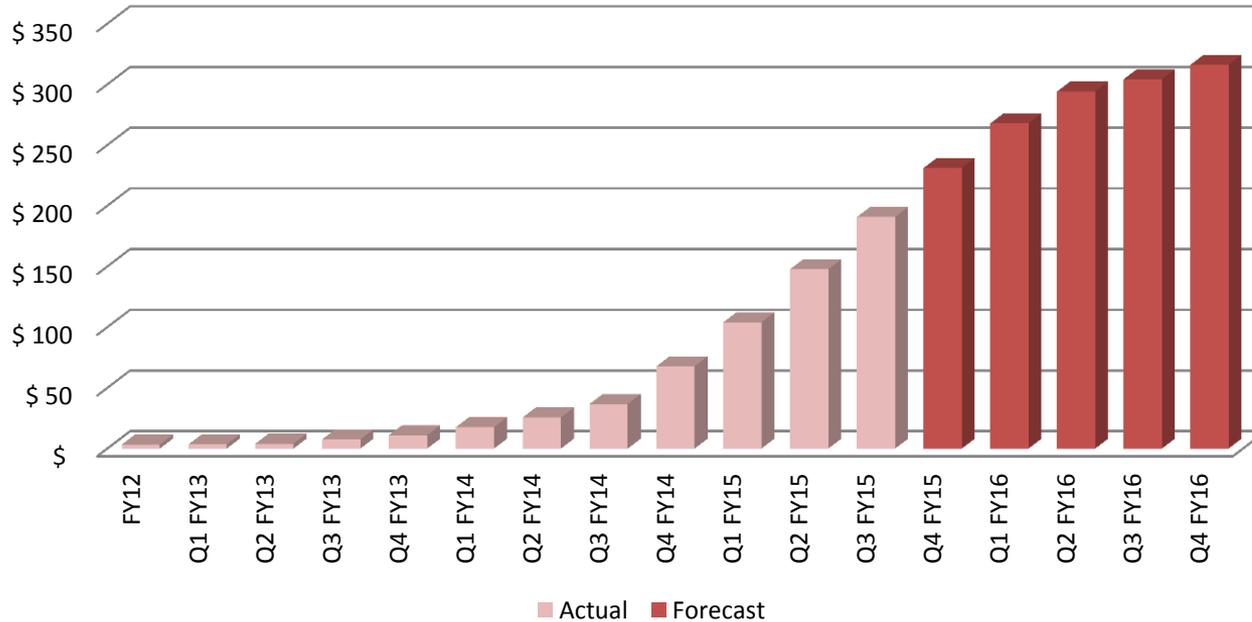
* Other Funding includes previously issued bonds, grants and airport cash

RCC Project Cost Trend

As of May 31, 2015

(amounts expressed in millions)

RCC Cumulative Cost Trend¹



¹ Excludes Shuttle Bus Acquisition, Bus Staging Area, SDIA Way Finding Signage and enabling projects

Questions





Public Outreach Update

CIPOC Meeting

Presented by:

Diana Lucero, Director
Vision, Voice & Engagement

July 16, 2015

Public Outreach Update



National Travel & Tourism Week



ADP Alternative 5 Outreach



Commuter Terminal
Airline Relocation



Questions



North Side Events

- Admiral Boland Way Dedication Ceremony
- Rental Car Center Topping Out
- RCC Public Art Outreach Meeting

National Travel & Tourism Week



Commuter Terminal Airline Relocation

EFFECTIVE JUNE 4, 2015

All Commuter Airline Operations
will Consolidate to Terminals 1 & 2

American Eagle → Terminal 2 East
SeaPort Airlines → Terminal 1
United Express → Terminal 2 West



**WE'RE STREAMLINING
YOUR TRAVEL
EXPERIENCE.**



NEWS

Contact: Rebecca Bloomfield
(619) 400-2880 / Mobile: (619) 890-8279 / rbloomfi@san.org

Commuter Terminal airline services to relocate to Terminals 1 and 2 on June 4

SAN DIEGO – May 29, 2015 – Effective June 4, airlines that currently operate out of the Commuter Terminal at San Diego International Airport will be relocating to gates in Terminals 1 and 2.

Airlines that fly to Los Angeles from the Commuter Terminal are replacing smaller aircraft with larger, more efficient planes. To better accommodate these larger aircraft and streamline the passenger experience, airlines will be relocated to the following locations:

- United flights to Los Angeles operated by United Express will relocate service to Terminal 2 West, using the airlines' existing facilities in Terminal 2.
- American Airlines flights to Los Angeles operated by American Eagle will relocate to Terminal 2 East, also using the airlines' existing facilities.
- SeaPort Airlines will move its air service to the west end of Terminal 1.

Passengers on flights that previously used the Commuter Terminal will now have the opportunity to experience all of the new dining and shopping options, and other amenities offered at Terminals 1 and 2.

The Commuter Terminal will continue to serve as the administrative offices for the San Diego County Regional Airport Authority. Future plans for the building will be determined as part of the Airport Authority's [Airport Development Plan](#), which is currently underway.

To find out in which terminal each airline is located, please visit: www.san.org/Flights/Airlines. For an interactive map of the airport, please visit: <http://sanmap.san.org>.

###

Mastering the Art of Airports

Admiral Boland Way

Admiral Boland Way Dedication Ceremony



Rear Admiral Bruce Boland
(1933-2014)
Former San Diego County
Regional Airport Authority
Board Member

PLEASE JOIN US

for the dedication of **Admiral Boland Way** in honor of former Airport Authority Board Member Rear Admiral Bruce Boland, beloved member of our airport family.

DATE: Wednesday, June 3, 2015

TIME: 10:30 a.m.

LOCATION: Economy Parking Lot
(on the north side of San Diego International Airport)
3365 Admiral Boland Way
San Diego, CA 92101
Enter via Washington Street at Pacific Highway and
follow the signs to the event.

Please RSVP by May 29, 2015 to sarmijo@san.org.



Rental Car Center Topping Out



- More than 100 attendees
- Nearly 20 media placements





RCC Public Art Outreach Meeting

ADP Alternative 5 Outreach



AIRPORT DEVELOPMENT PLAN OPEN HOUSE

The Airport Development Plan (ADP) is the next master-planning phase for San Diego International Airport. The ADP is designed to identify improvements that will enable the airport to meet demand through 2035.

The Airport Authority will provide an overview of the ADP and the four existing alternatives and share a new fifth concept. These concepts are an important part of a long, comprehensive planning process. Airport staff will then formulate a preferred alternative for the Airport Authority Board's consideration. After a preferred alternative is identified, a detailed environmental analysis will be conducted. It is expected that the entire planning process will conclude in 2017.



**TUESDAY, JULY 14, 2015
4-7 P.M.**

The same presentation will be repeated at 4 p.m. and 6 p.m.

SAN DIEGO INTERNATIONAL AIRPORT
3225 North Harbor Drive, San Diego

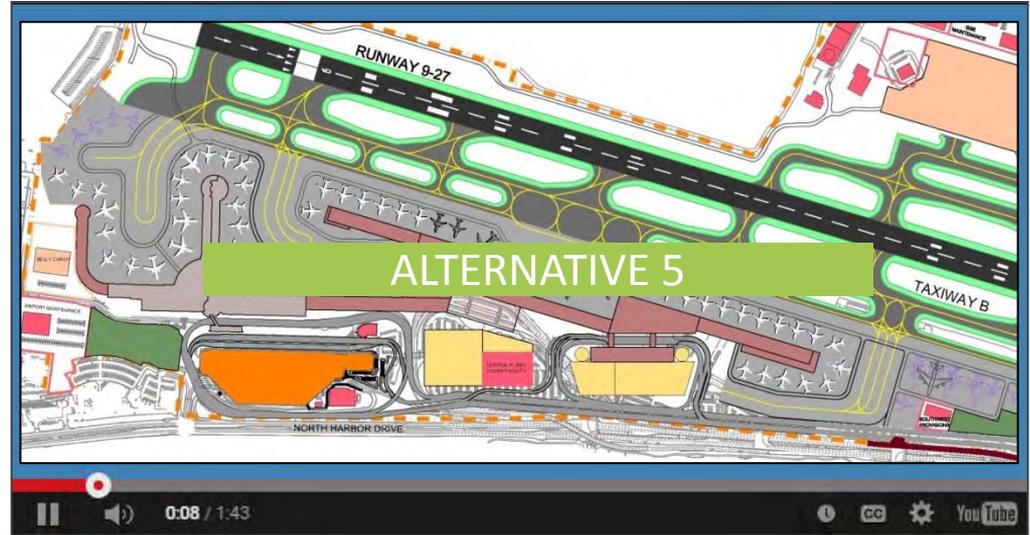
FORMER KONGMUYER TERMINAL, SECOND FLOOR
Drille and Winbur Wings Conference Rooms

Parking available in Commuter Terminal lot; parking will be validated.

THE ADP CONSIDERS

- The future of Terminal 1
- Redevelopment of the former Teledyne-Ryan property
- Input to SANDAG as it plans for effective intermodal transportation facilities
- Creation of new non-airline revenue opportunities

FOR QUESTIONS OR COMMENTS, PLEASE EMAIL ADP@SAN.DIC.AZ



A low-angle photograph of a modern airport terminal building. The building features a complex, multi-tiered structure with large glass windows and concrete panels. The sky is bright blue with some light clouds. A teal-colored overlay covers the left side of the image, containing the text "Questions?".

Questions?

● Ticketing
U.S. Airways



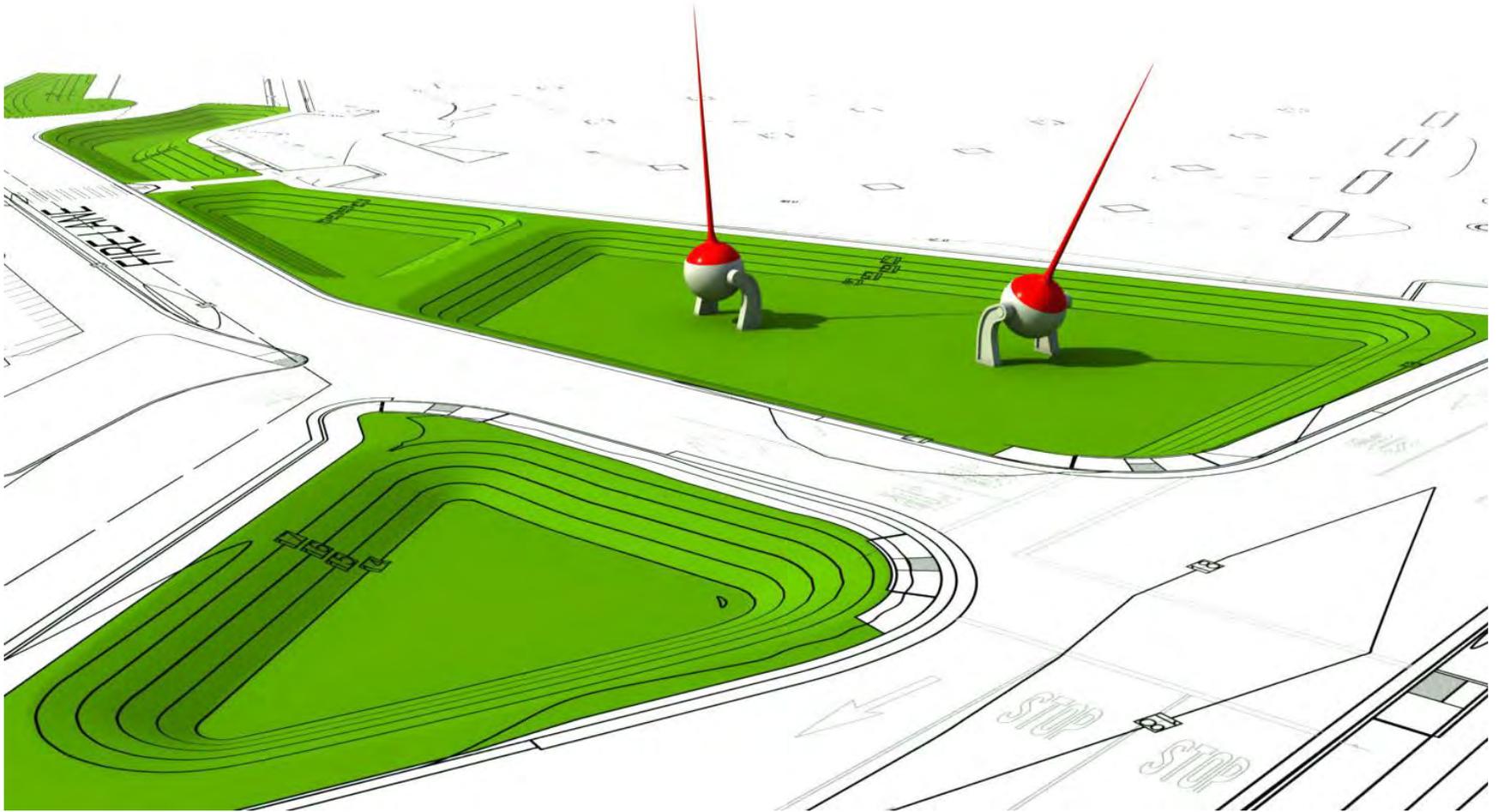
ARRIVE, DEPART,
BE INSPIRED.

Public Art Update

Lauren Lockhart

Art Program Manager

July 16, 2015

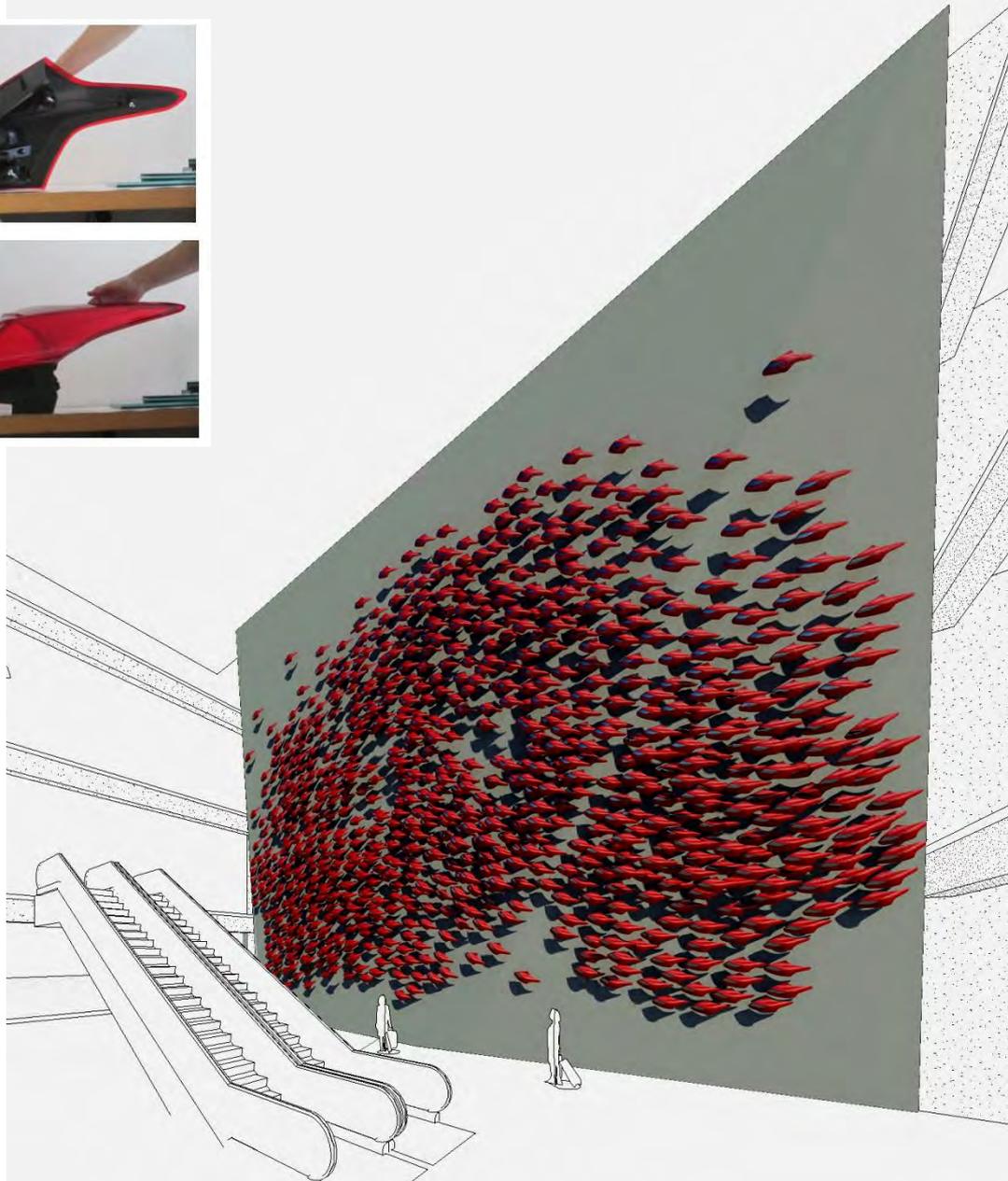
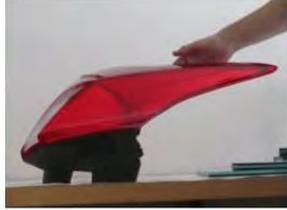




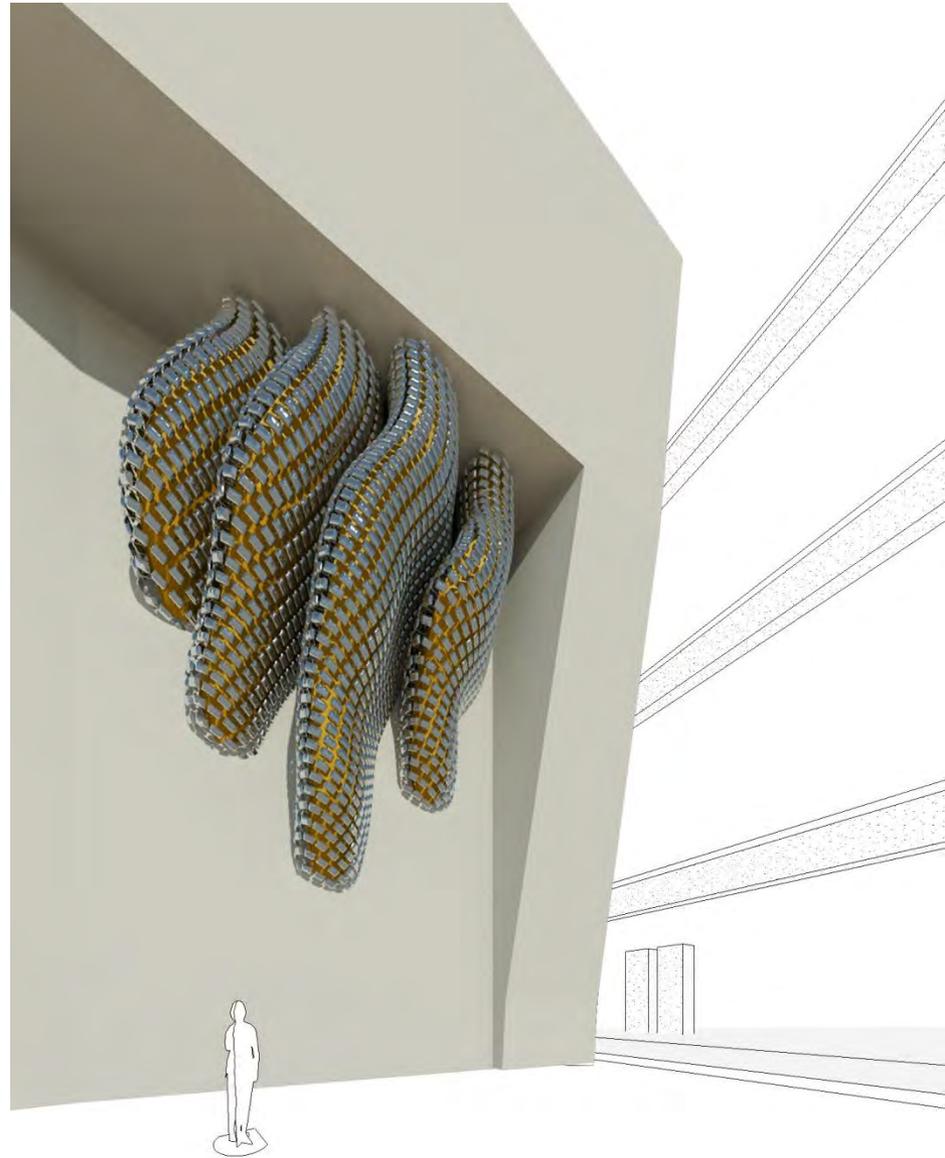
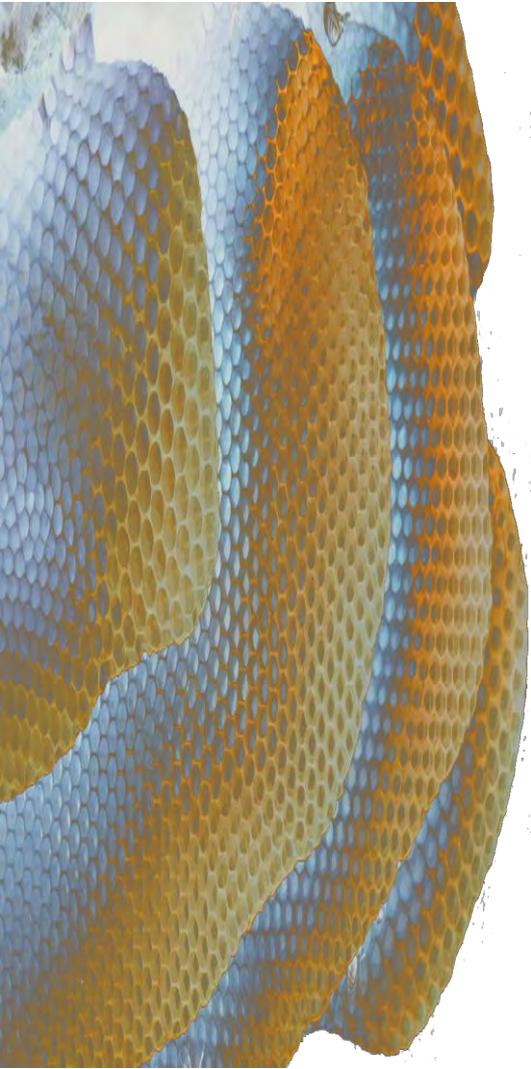
Metro(G)nome fabrication progress
Artist: Christian Moeller



Metro(G)nome fabrication progress
Artist: Christian Moeller



Swarm
Artist: Amy Landesberg

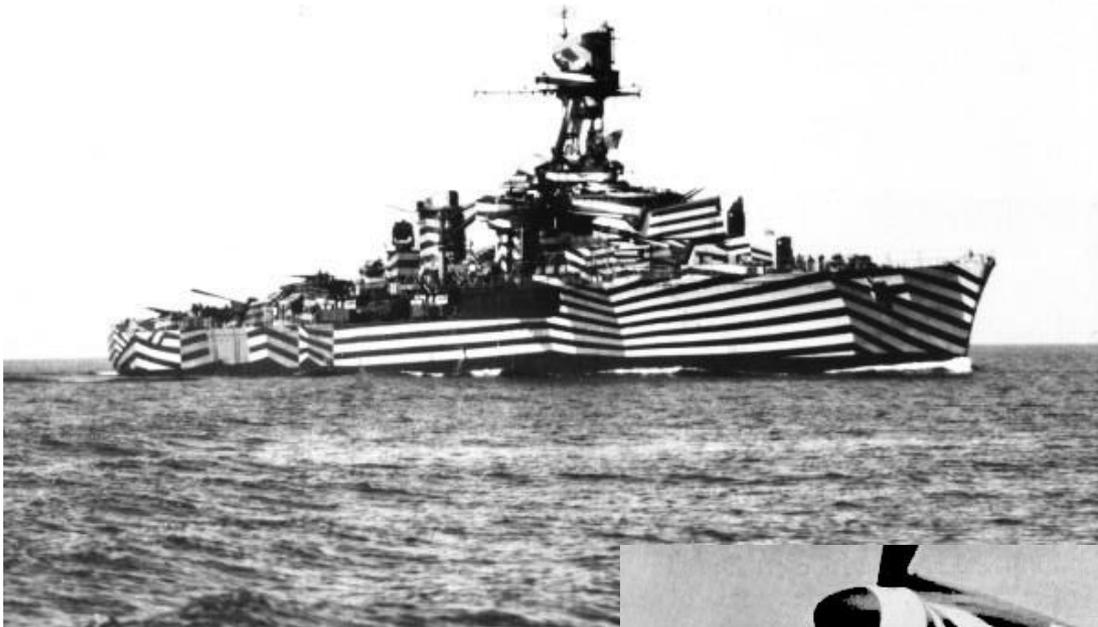


Hive
Artist: Amy Landesberg



Hive fabrication progress
Artist: Amy Landesberg

CONCEPT DESIGN: DAZZLE



CONCEPT DESIGN: DAZZLE



E-PAPER TECHNOLOGY

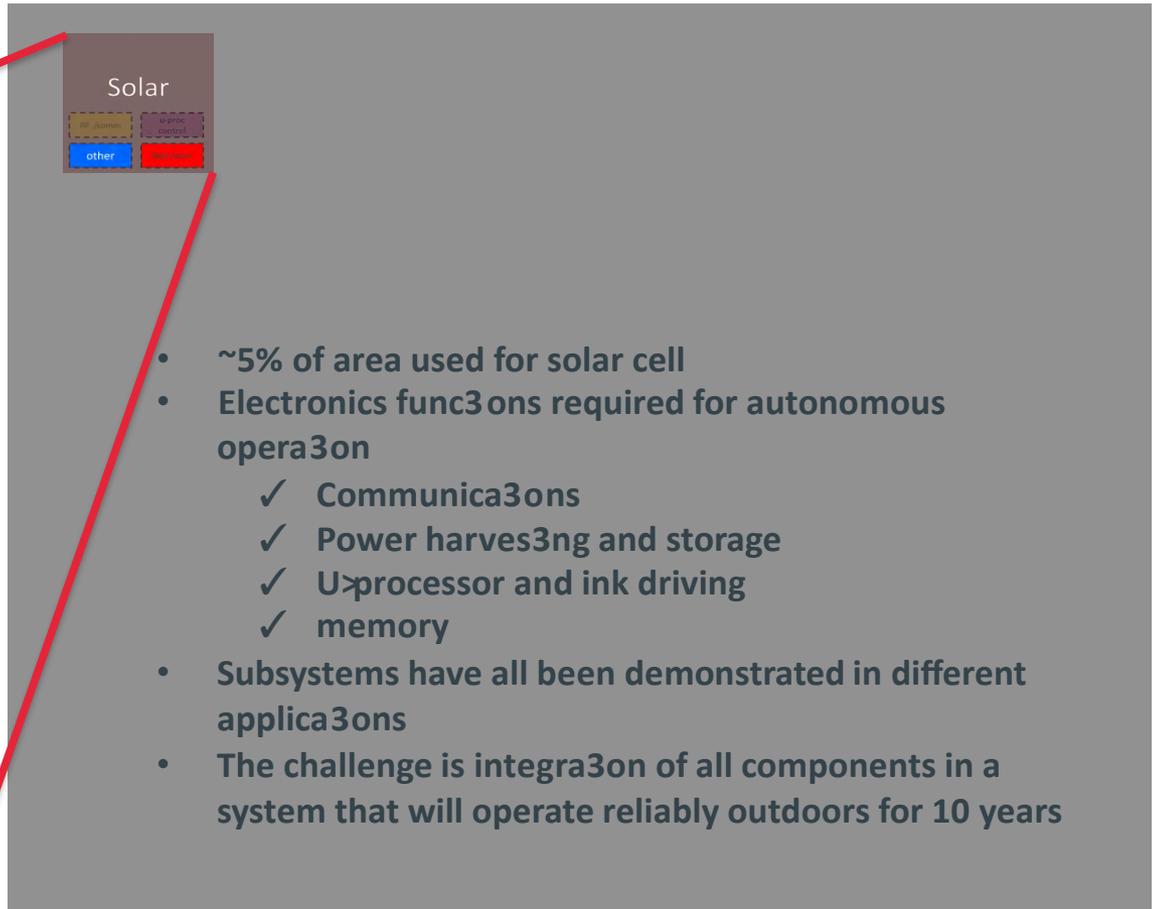
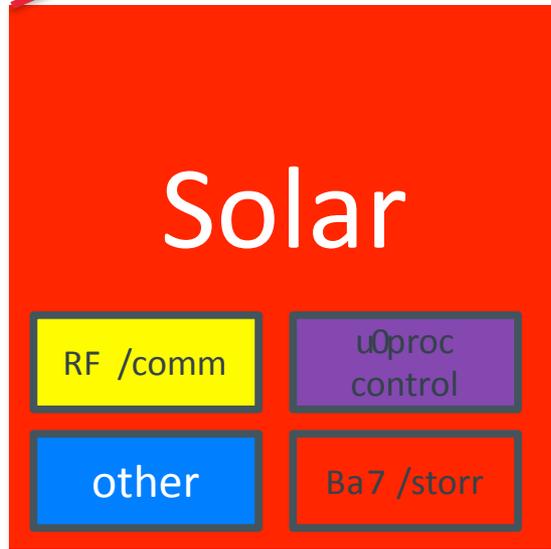


Ueberall is collaborating with **EInk Corporation**, the world-leading developer and provider of electronic paper displays. Together we will create the San Diego Dazzle facade as the first-ever application of this technology on an architectural scale.

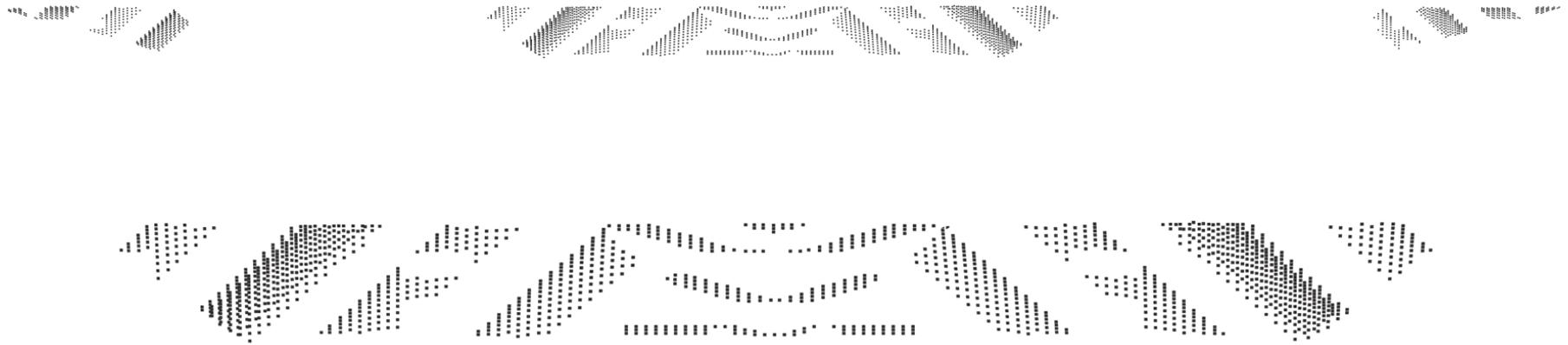


E INK TECHNOLOGY

Decal Architecture For Dazzle

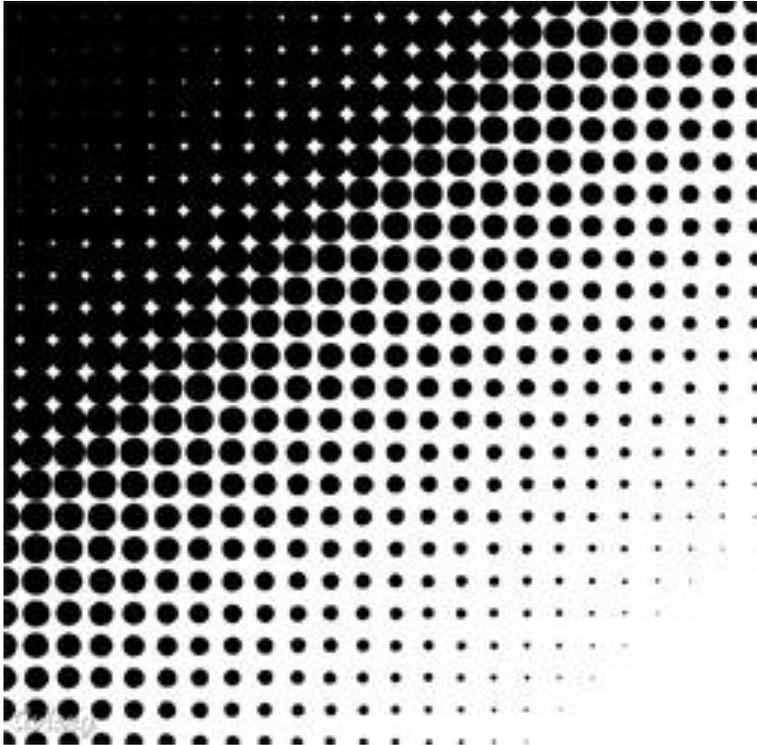


DISTRIBUTION OF TILES



2450 tiles

HALFTONE PATTERN



Additional Public Art Projects

Parking Plaza

- Ball-Nogues Design Studio LLC approved by Art Advisory Committee June 3
- Negotiation and execution of contract to be presented for Board approval September 17

Palm Street Park

- RFQ released, submissions due July 31
- Recommended artist contract anticipated to be presented for Board approval November 19



Questions?



SAN DIEGO
INTERNATIONAL AIRPORT

LET'S **GO.**

Small Business Development Report

Sonia G. Cruz

Small Business Development, Program
Manager

July 16, 2015

Overview

- Rental Car Center
- Opportunity Awareness
- T2 Parking Plaza
- Education and Training



Rental Car Center

(Dollars Awarded)

Overall	Dollars
Total Dollars Awarded to Date	\$206.0 million
Local Business Participation	\$179.7 million
HUBE Business Participation	\$27.0 million

Rental Car Center

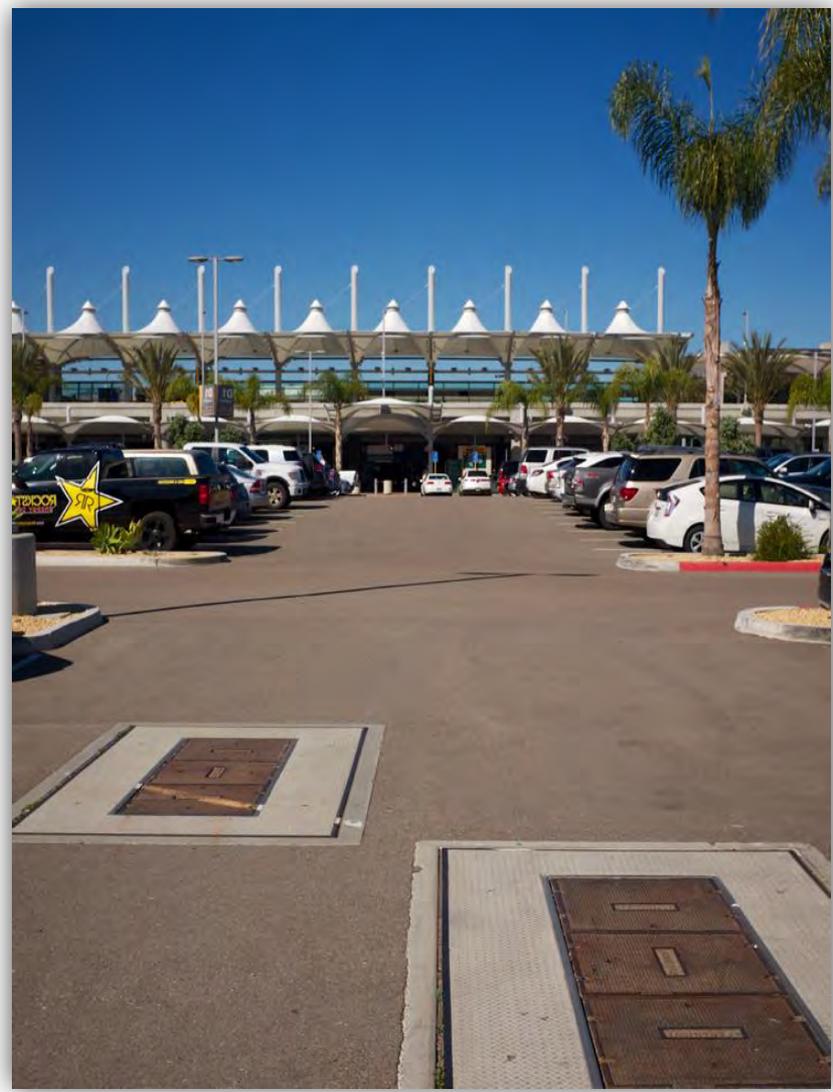
(Dollars Awarded)

Small Business	Dollars
Small Business Opportunity	\$69.6 million
Small Business Participation	\$67.1 million

T2 Parking Plaza

(Small & Local Business Participation)

-  Goal: 35% small business participation
-  Goal: 80% local business participation
-  Initial meetings with team
 - Regional Opportunity Awareness Events
-  CIPOC - Quarterly Updates in 2016



Opportunity Awareness



Small Business Expo & Matchmaking - San Diego



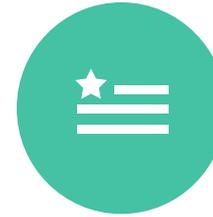
Small Business Procurement Showcase- North County Small Business Development Center



Blue Book Building & Construction Network - San Diego



Disabled Veteran Business Alliance Construction Expo—Camp Pendleton



Operation Opportunity Roadmap to Contracting Success—San Diego Supplier Development Council

Total Contacts = 550+

Education and Training



Bonding & Contract Financing Assistance Program

- Procurement 101
- Bonding 101



Turner School of Construction Management

- Spring 2015 Session: 40 graduates



Questions

