



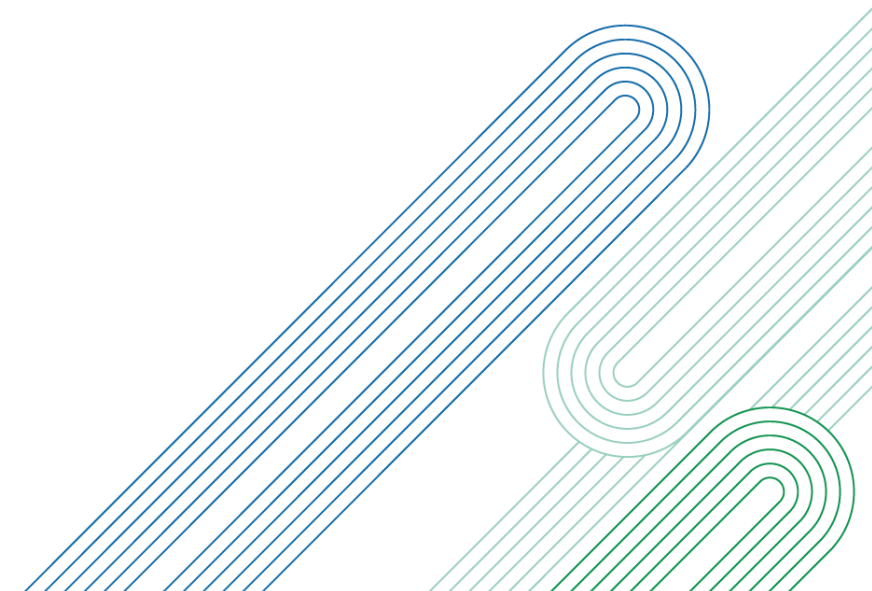
COMPREHENSIVE
MULTIMODAL
CORRIDOR PLAN

Coast, Canyons, and Trails

Comprehensive Multimodal Corridor Plan (CMCP)

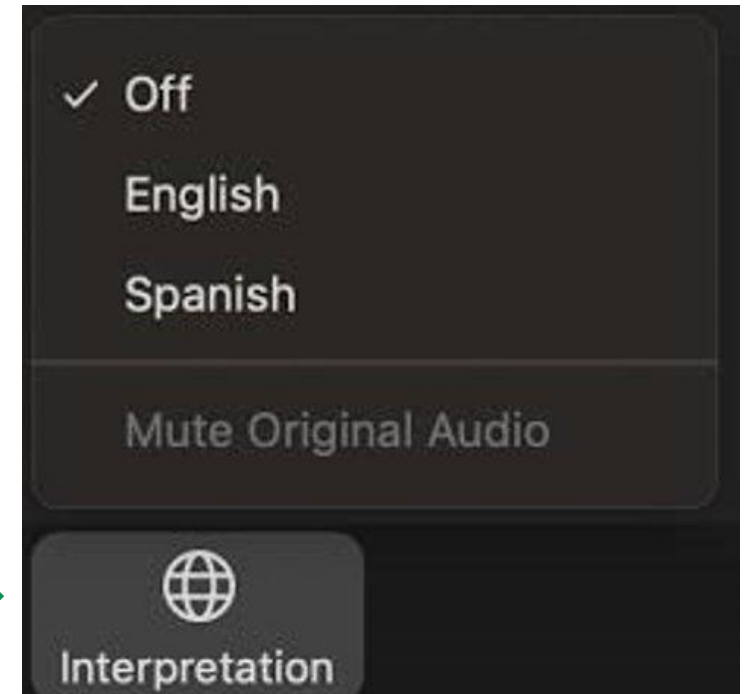
Public Workshop #1

July 15, 2021



Este taller se llevará a cabo en español e inglés

- Para hacer uso del servicio de interpretación, favor de desplazarse a la parte inferior de la pantalla de Zoom (donde aparecen los controles)
- Haga clic en el ícono de interpretación (icono del mundo), y seleccione "Spanish" (español)
- Si está utilizando la aplicación móvil de Zoom (celular, tableta, etc.), presione los puntos suspensivos (...), luego "interpretation," y luego el idioma



Virtual Meeting Guidelines

- This meeting will be recorded
- Microphones will be muted during the presentation
- You may share comments and ask questions via the Q&A function, which also will be recorded
- Opportunities to ask questions will be provided near the end of the presentation

Opening Remarks



Coast,
Canyons,
and Trails

Agenda

- Workshop Objectives
- Regional Plan Update
- Comprehensive Multimodal Corridor Plans (CMCPs)
- Coast, Canyons, and Trails CMCP
- Potential Transportation Solutions
- Gathering Community Input
- Questions and Answers
- Next Steps

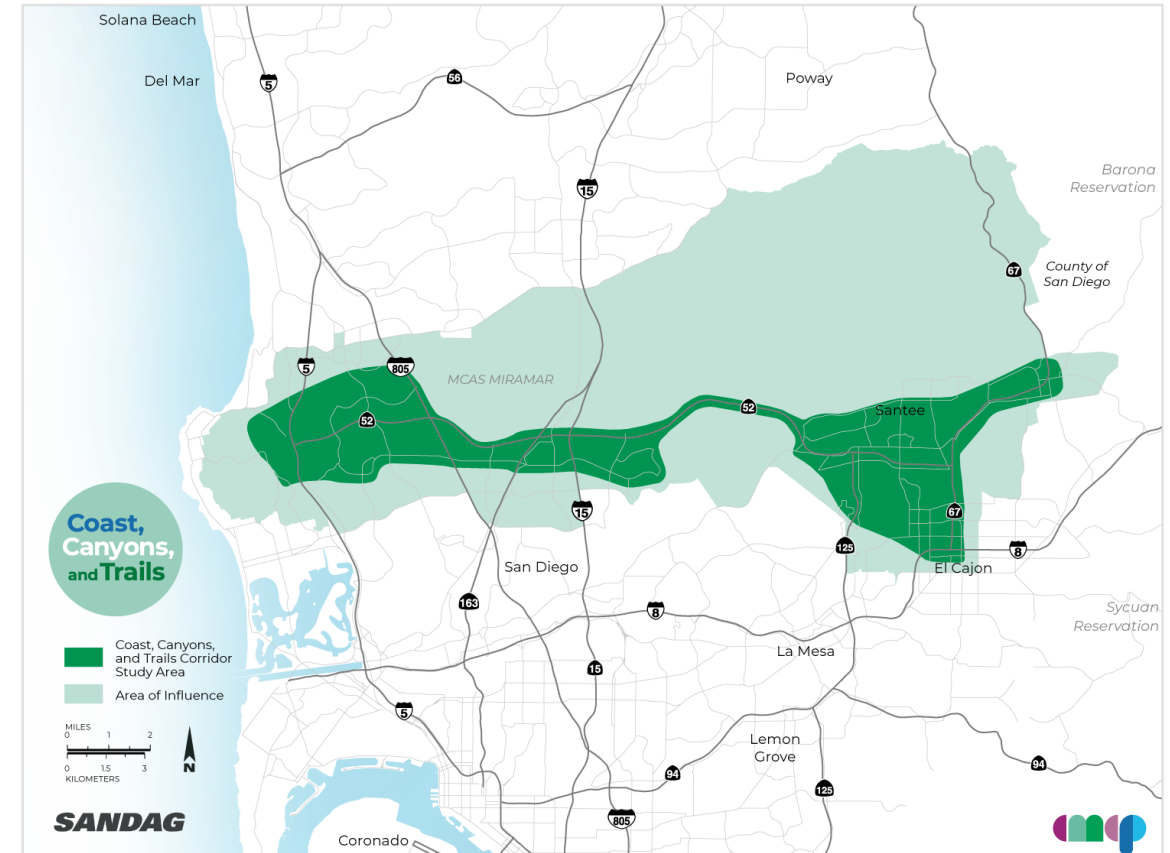
Workshop Objectives

- Educate the public about the Coast, Canyons, and Trails CMCP
- Provide information about potential types of transportation solutions in the corridor
- Seek public input on these potential solutions and inform the public about additional public engagement opportunities

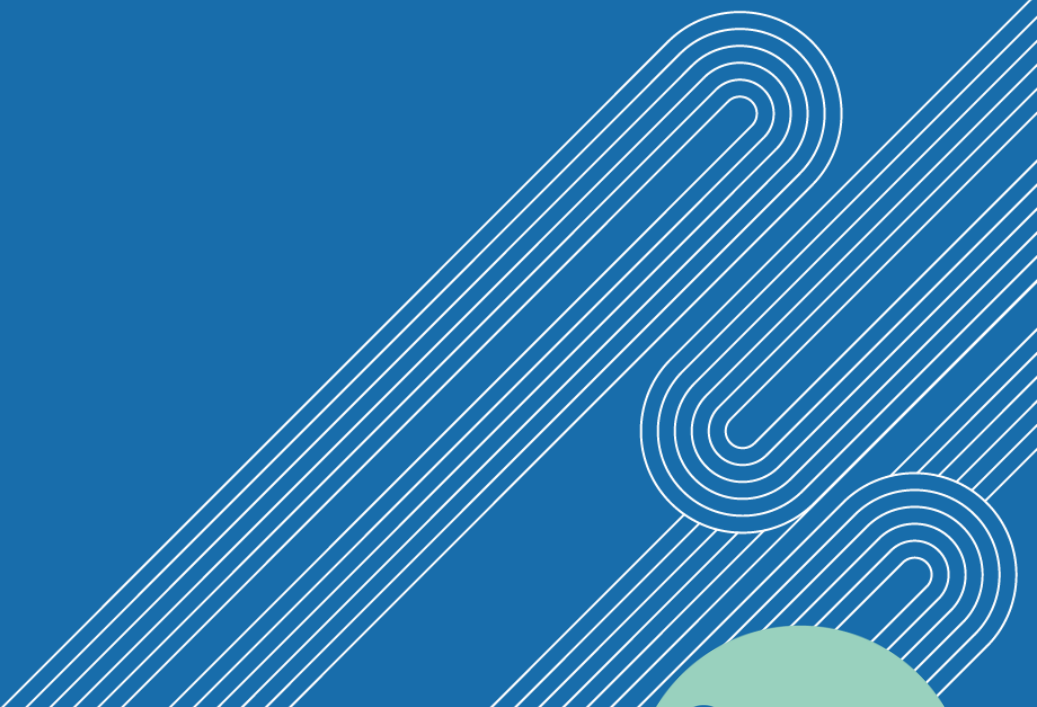
Polling Question:

How did you hear about this workshop?

- SANDAG website
- At another SANDAG meeting
- Virtual engagement site
- Social media
- SANDAG e-blast
- Other electronic news source
- Newspaper advertisement
- Community group or organization
- Word of mouth
- Other (please post in Q&A)



Regional Plan Update



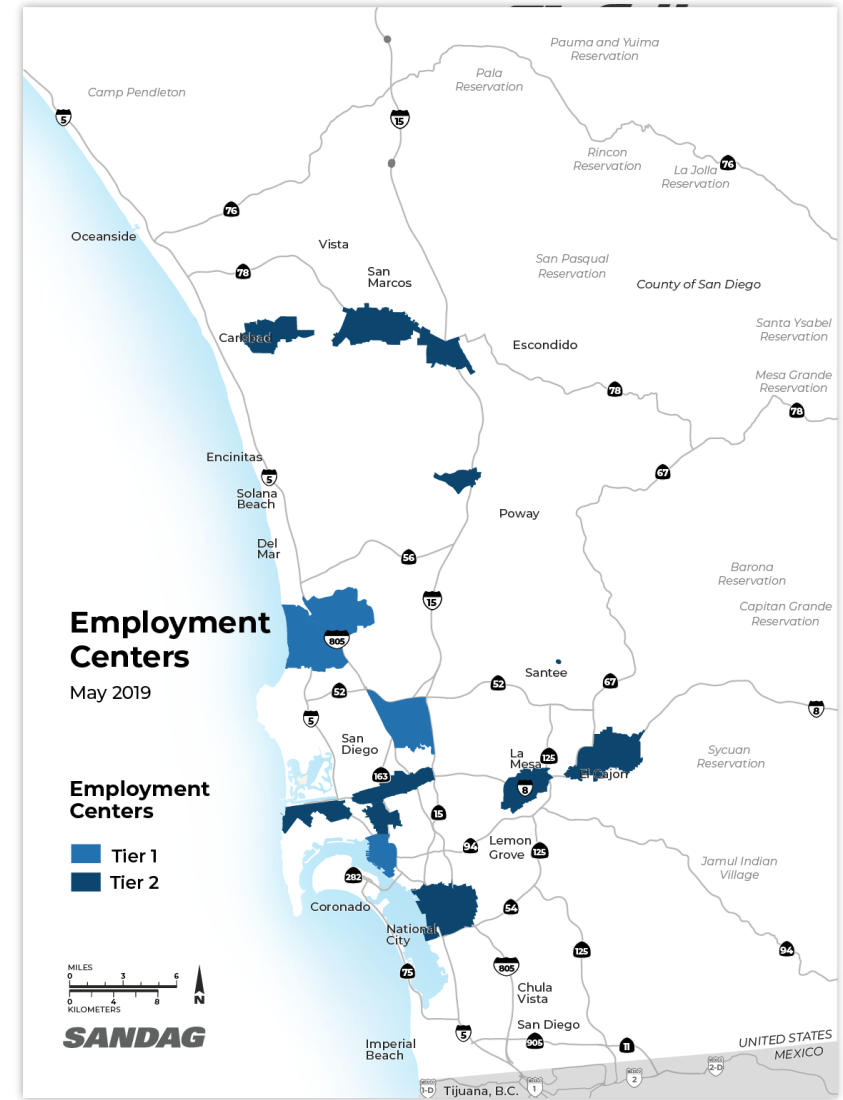
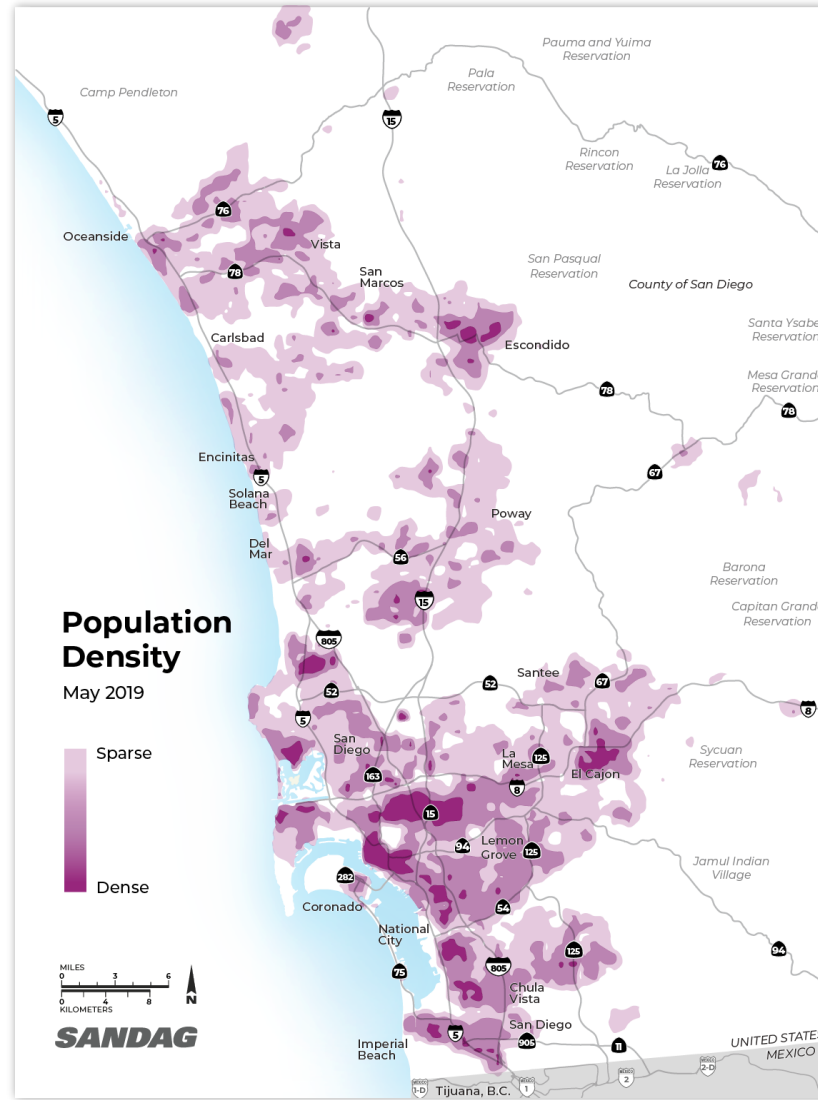
Coast,
Canyons,
and Trails



A Vision for the 2021 Regional Plan

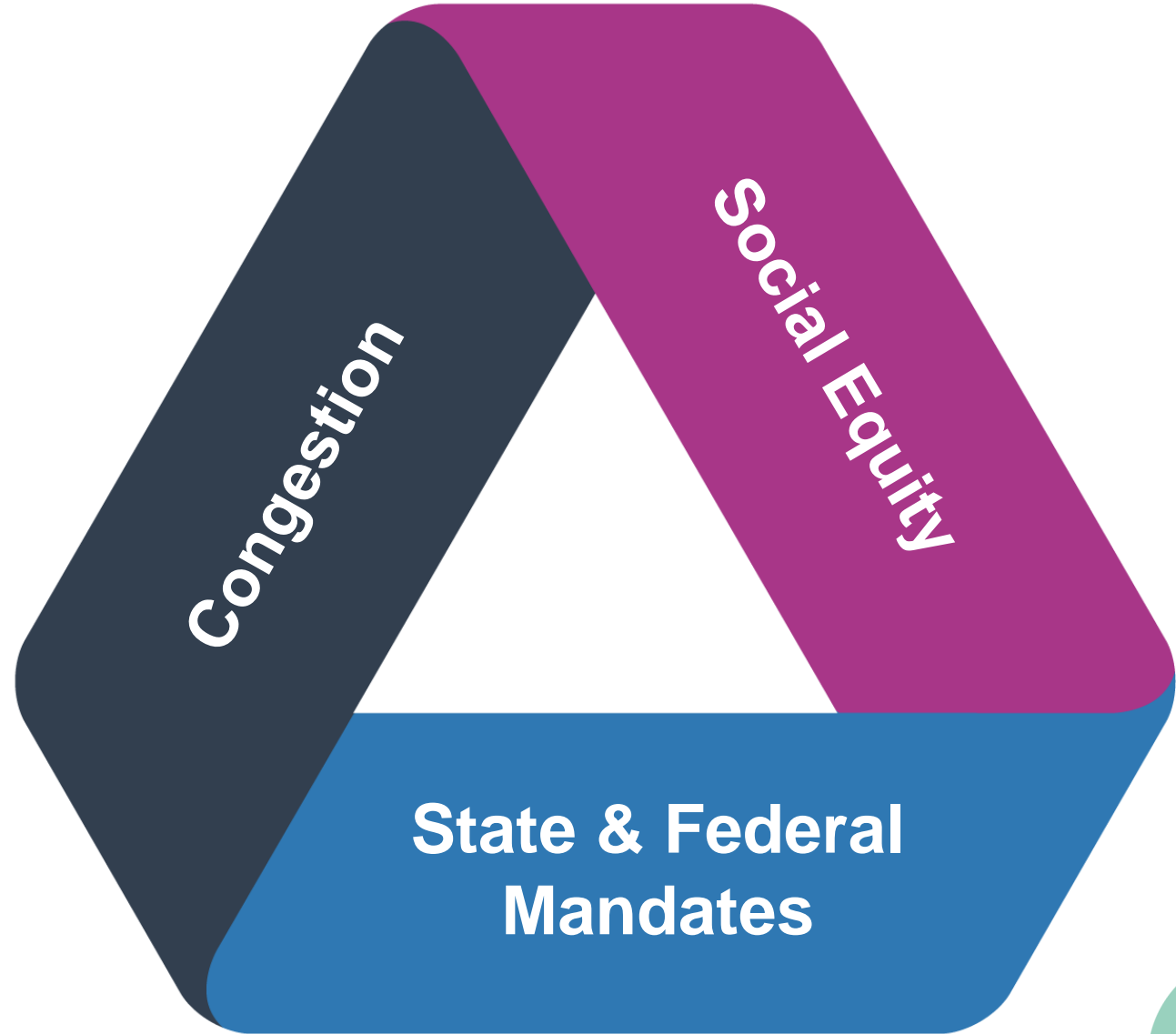
Data-Driven Planning

Where people live and work



Three Challenges

- Reduce congestion
- Improve social equity
- Meet state and federal mandates – to be *faster, fairer, and cleaner*



5 Big Moves

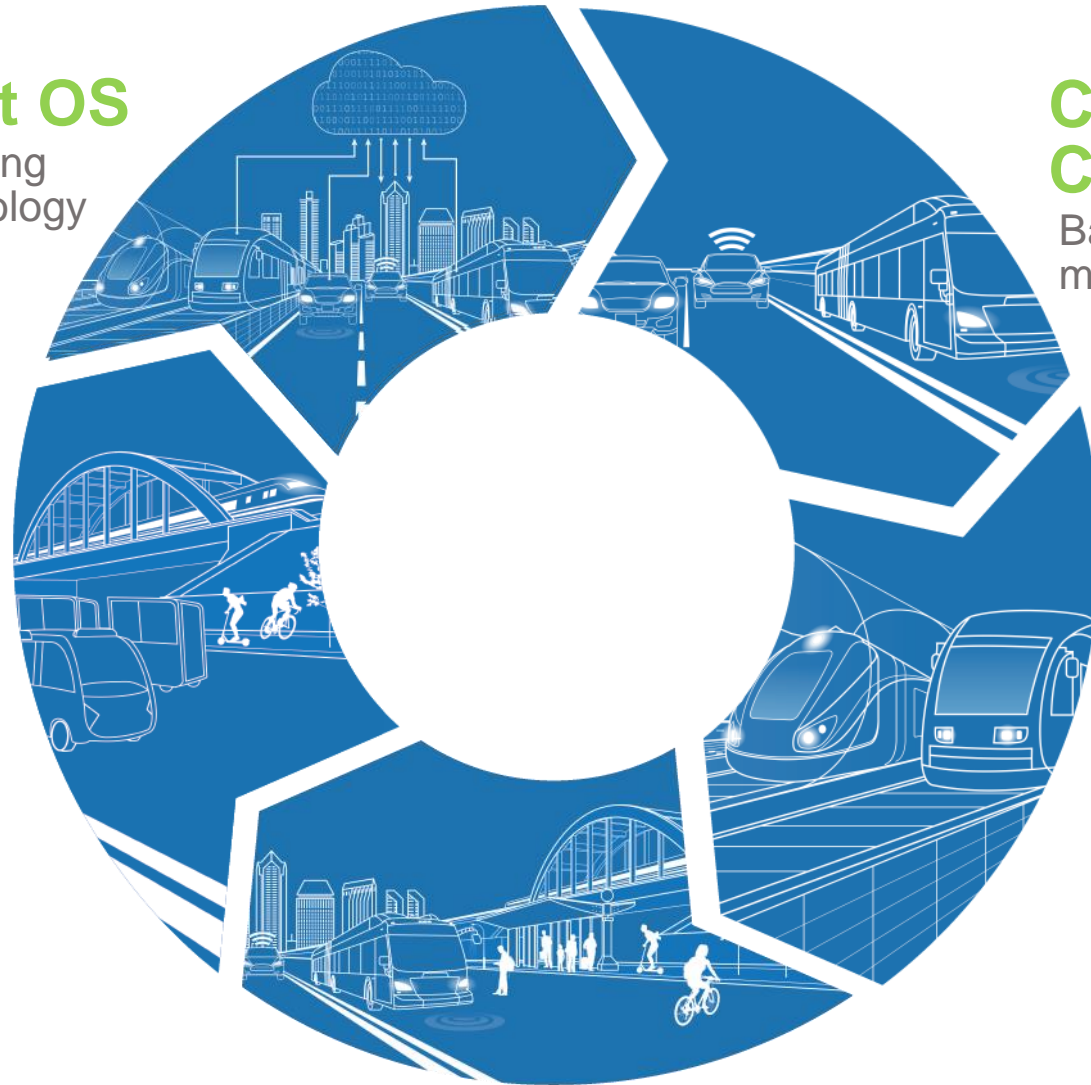
Next OS
Enabling
technology

**Complete
Corridors**
Backbone of a
multimodal system

**Flexible
Fleets**
First and
Last mile
options

**Transit
Leap**
Quality transit
alternatives to
automobiles

Mobility Hubs
Connection and transfer points



**Coast,
Canyons,
and Trails**

An aerial photograph of a coastal region, likely the San Francisco Bay Area, showing a proposed high-speed rail network. The map features several colored lines: a thick purple line representing the main rail corridor, a yellow-green line for secondary routes, and a light blue line for a third set of routes. The purple line runs along the coast from the top left towards the bottom center. The yellow-green line branches inland from the purple line. The light blue line forms a network in the northern and central parts of the map. Two airport icons, each a white airplane inside a green circle, are placed on the map: one near the coast in the lower-left quadrant and another further inland in the lower-center. The background is a grayscale aerial view of the terrain, showing mountains, valleys, and urban areas. The ocean is visible on the left side.

**A Bold
New Vision**
Fast, Fair, Clean

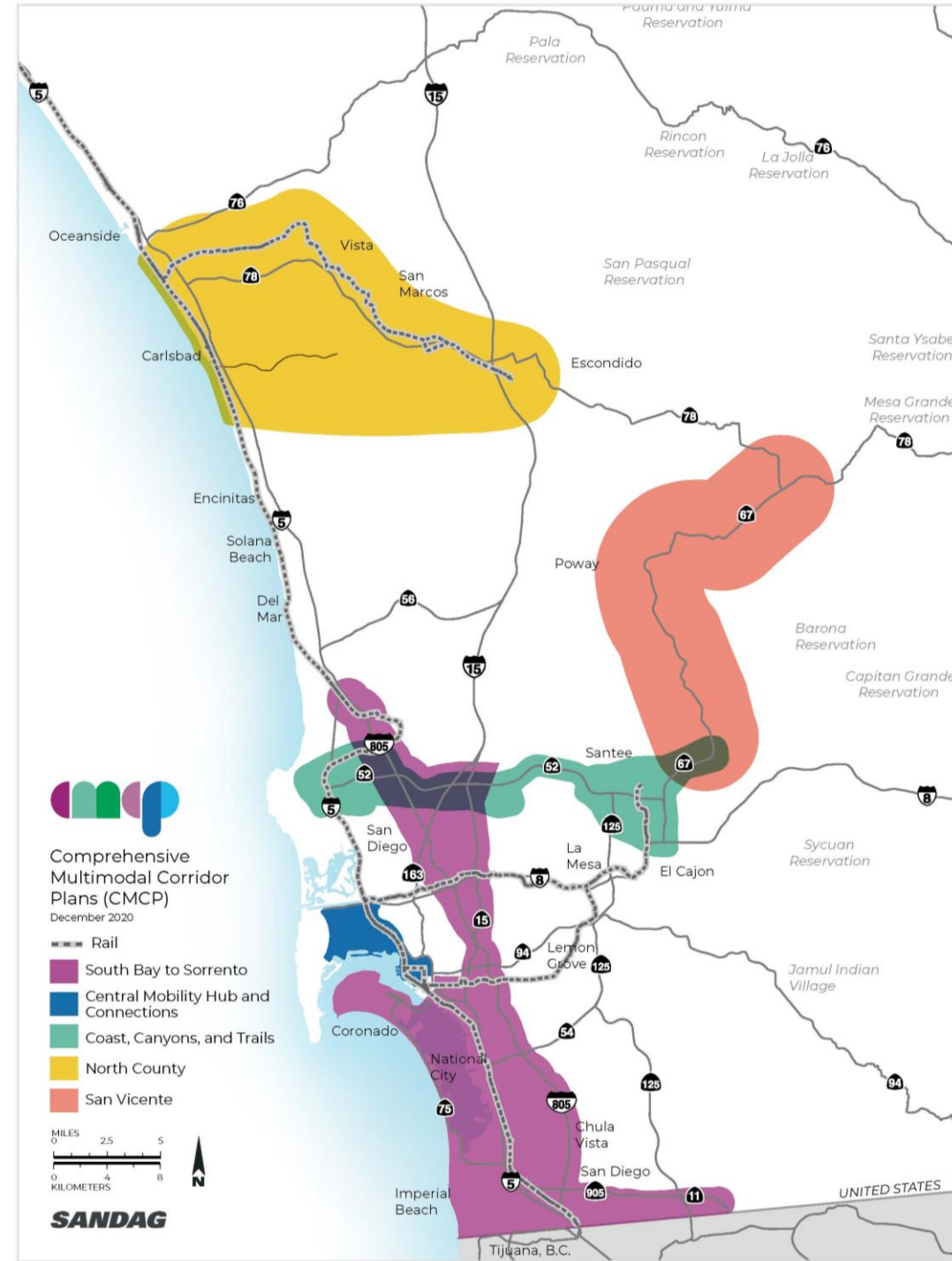
Comprehensive Multimodal Corridor Plans (CMCPs)



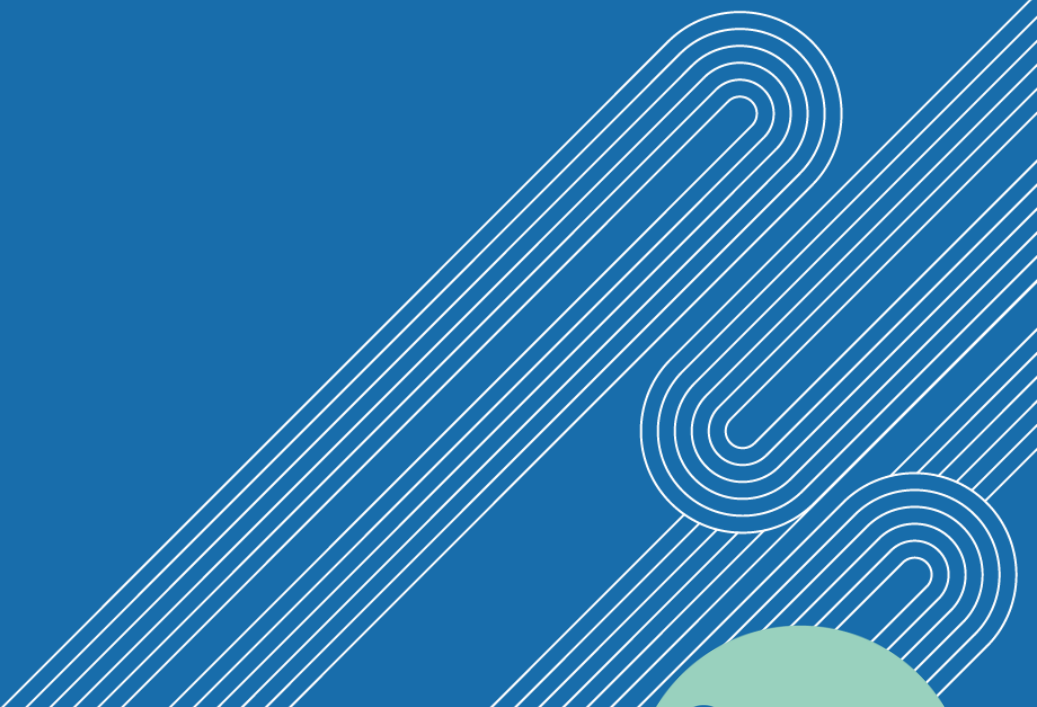
Coast,
Canyons,
and Trails

CMCP Overview

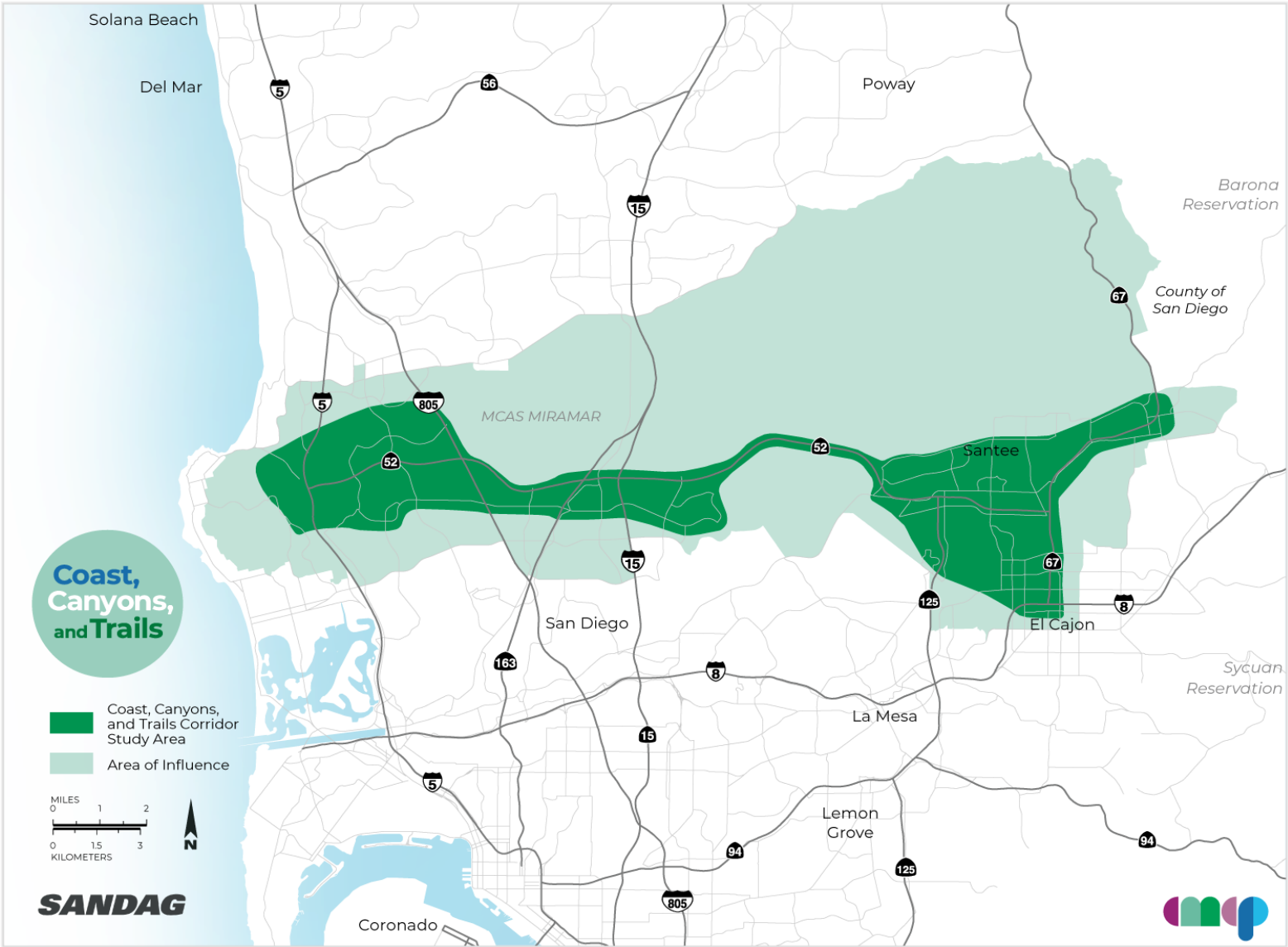
- Five transportation corridors currently in development
- CMCPs are data-driven and will:
 - Evaluate travel modes and transportation facilities
 - Develop transportation solutions
 - Improve multimodal connections
 - Decrease environmental threats
- CMCPs help the San Diego region compete for local, state, and federal funds



Coast, Canyons, and Trails CMCP



Coast, Canyons, and Trails Study Area & Area of Influence



Note: The area of influence represents the demographic and travel analysis developed from a larger census tract based area. Transportation solutions will be focused within the study area boundary.

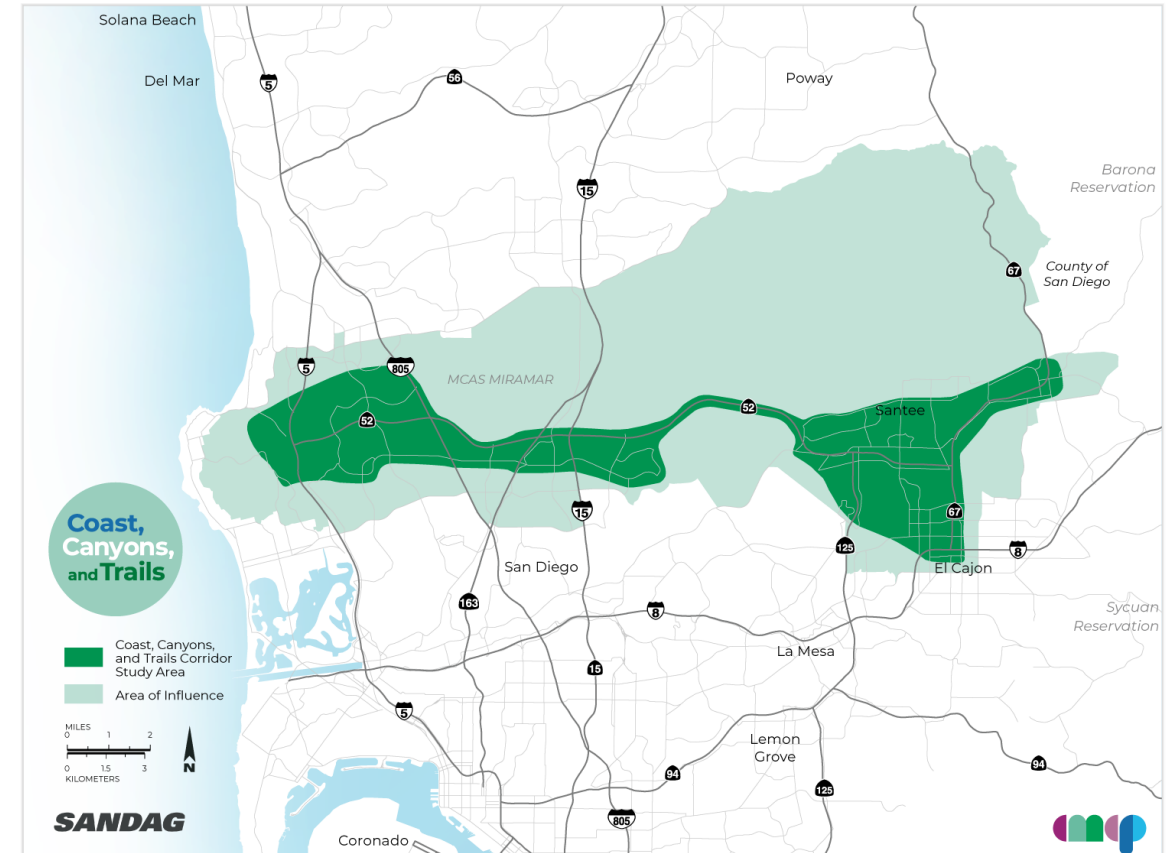
Corridor Vicinity Destinations



Polling Question:

We'd like to know more about you. What is your connection to the project area?
(Check all that apply.)

- Live
- Work
- Own a business
- Visit for shopping/entertainment
- Attend school
- Visit recreational areas
- Travel through the corridor area
- Other (please post in Q&A)



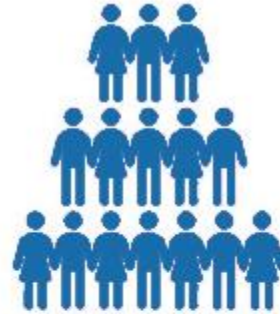
CMCP Implementation Plan



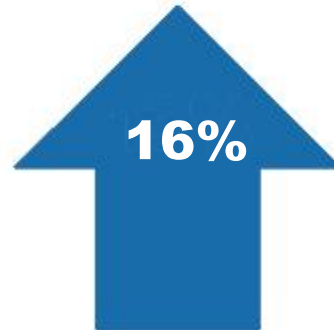
Coast, Canyons, and Trails Goals

- Improve transportation safety
- Develop and preserve an accessible multimodal transportation system for all users
- Promote and practice environmental stewardship
- Support a vibrant economy
- Foster livable and healthy communities that promote social equity
- Advance efficient, resilient, and innovative approaches in developing and delivering transformative projects

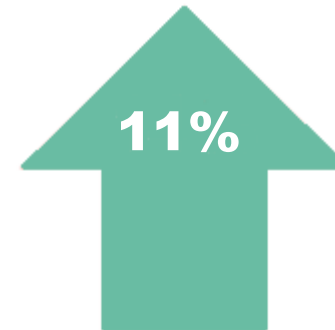
Twenty Years of Corridor Growth: 2000 - 2020



Population



Housing Units



Jobs



Sources:

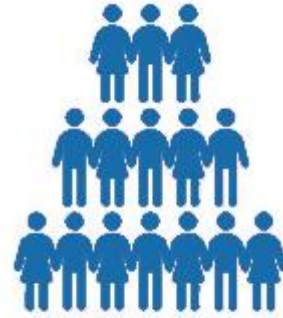
2000 Population/Housing Units: 2000 Census

2000 Jobs: SANDAG Series 10 Forecast base year

2019 Population/Housing Units: 2019 SANDAG Estimates

2020 Jobs: SANDAG Series 14 forecast data source 35 (2020)

Corridor Demo graphics



Population

114,958

**3% of
region**



Housing Units

45,260

**4% of
region**



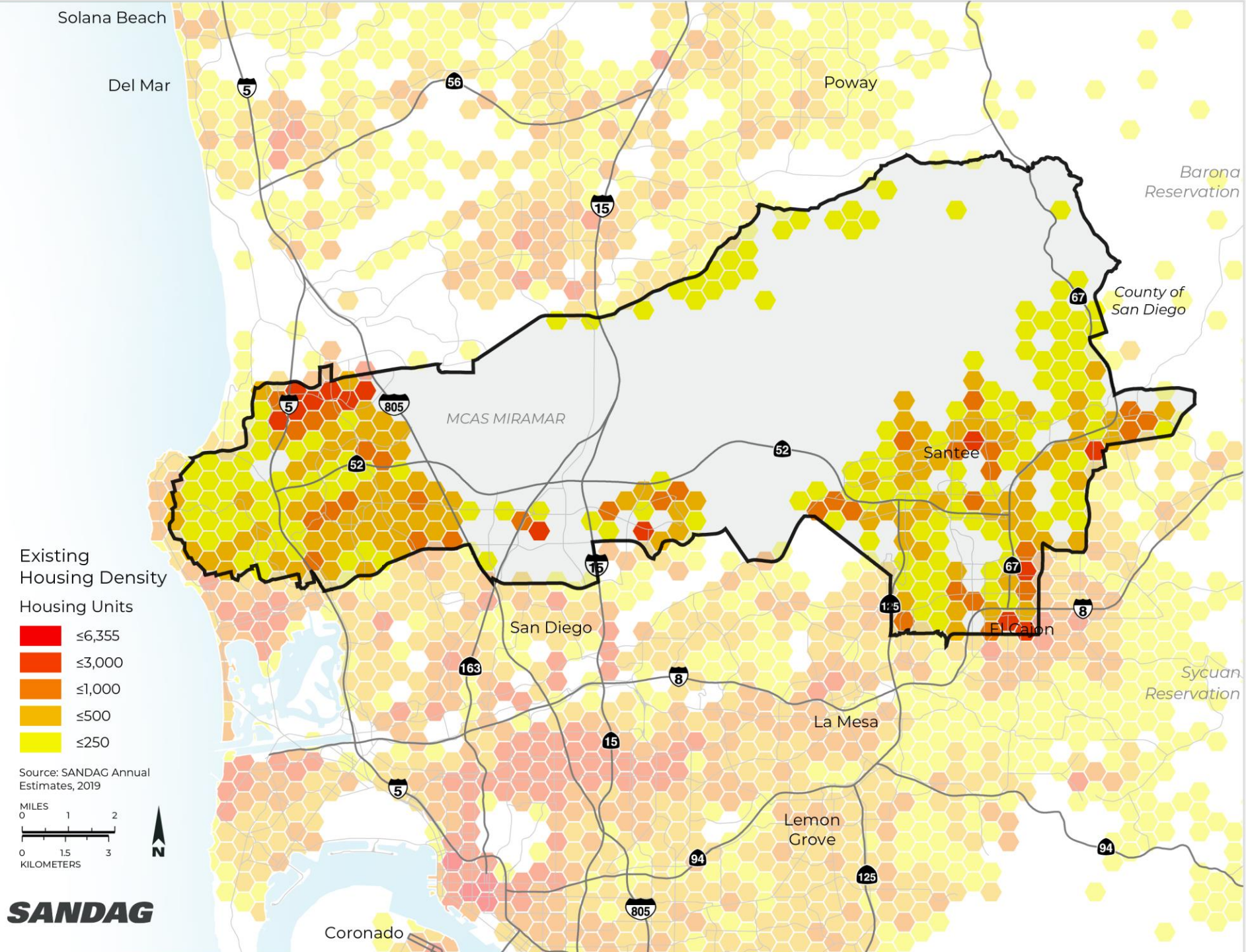
Jobs

117,026

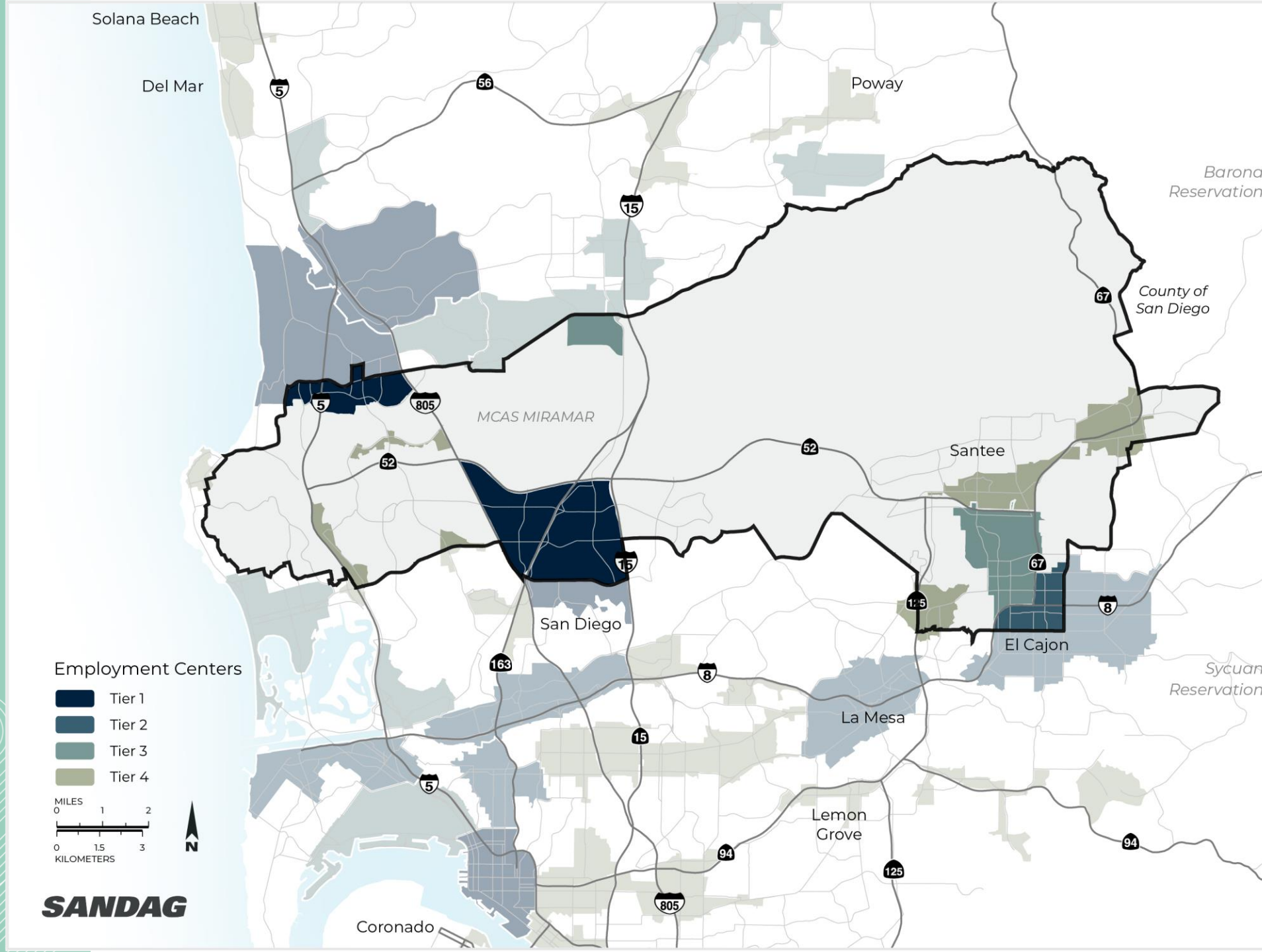
**7% of
region**

Sources: Series 14 forecast data source
39 (2020)

Housing Density



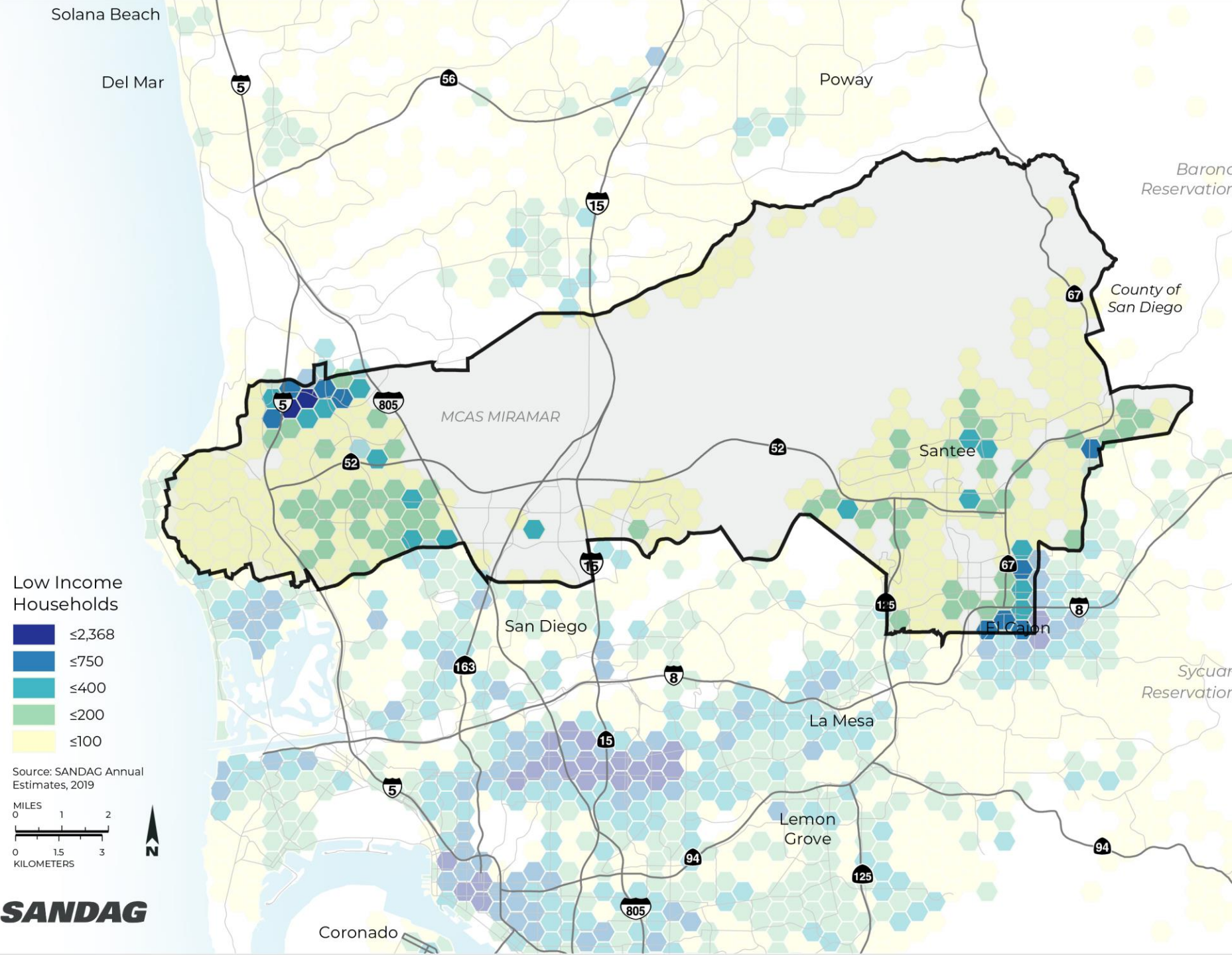
Employment Centers



Social Equity Population:

Low Income Households

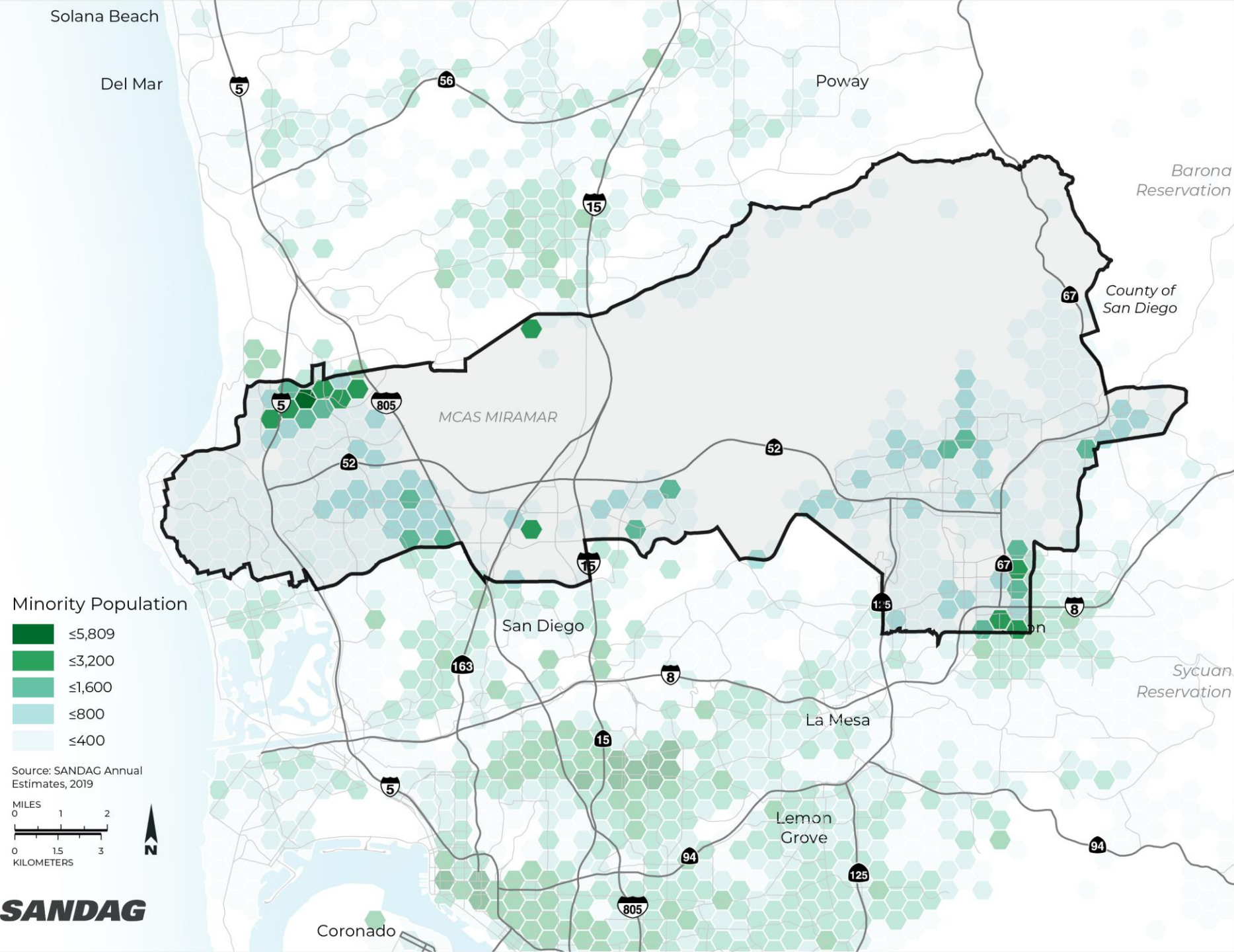
2% of the
region's low-
income
population



Social Equity Population:

People of Color

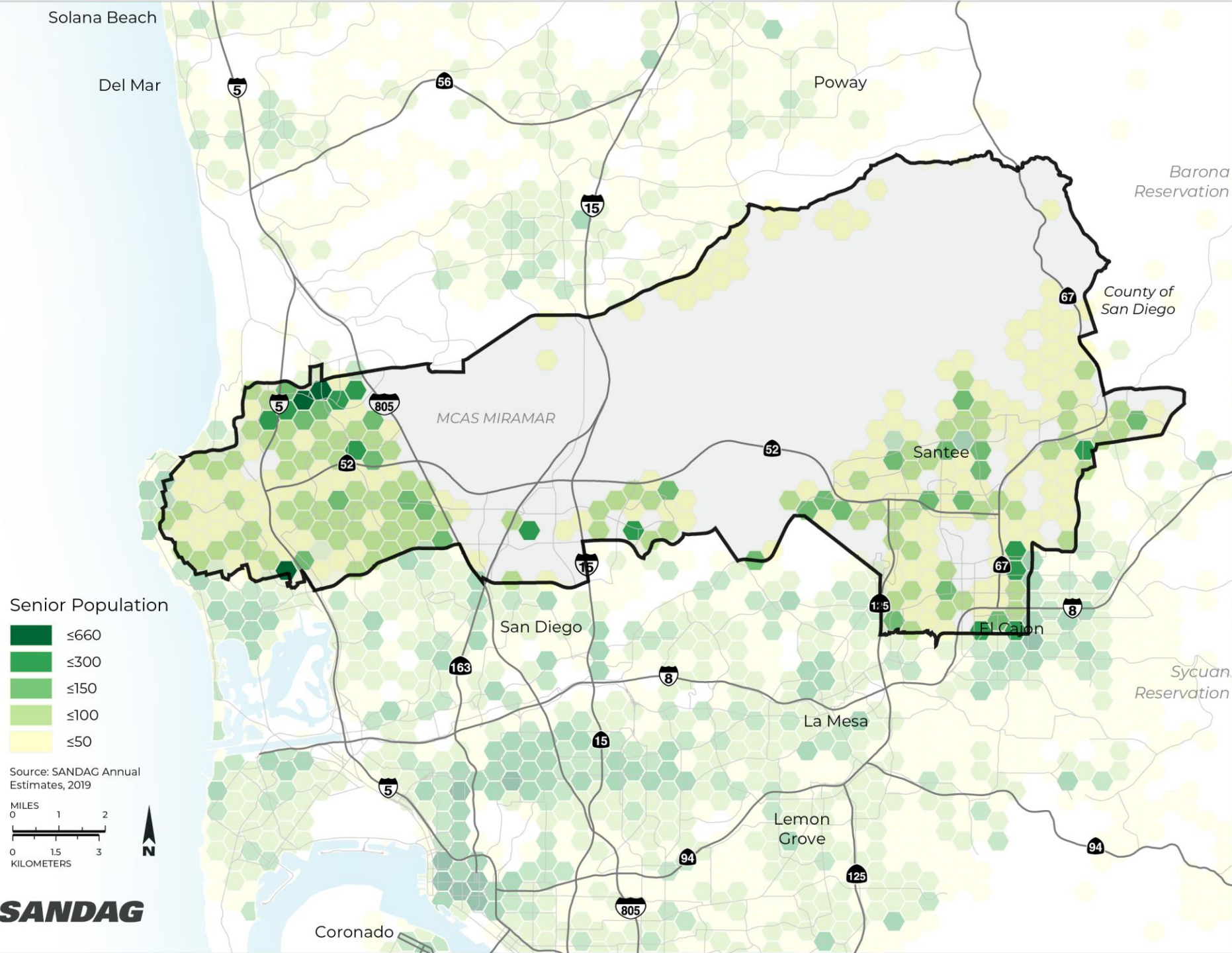
2% of the
region's
People of
Color



Social Equity Population:

Seniors

4% of the
region's senior
population

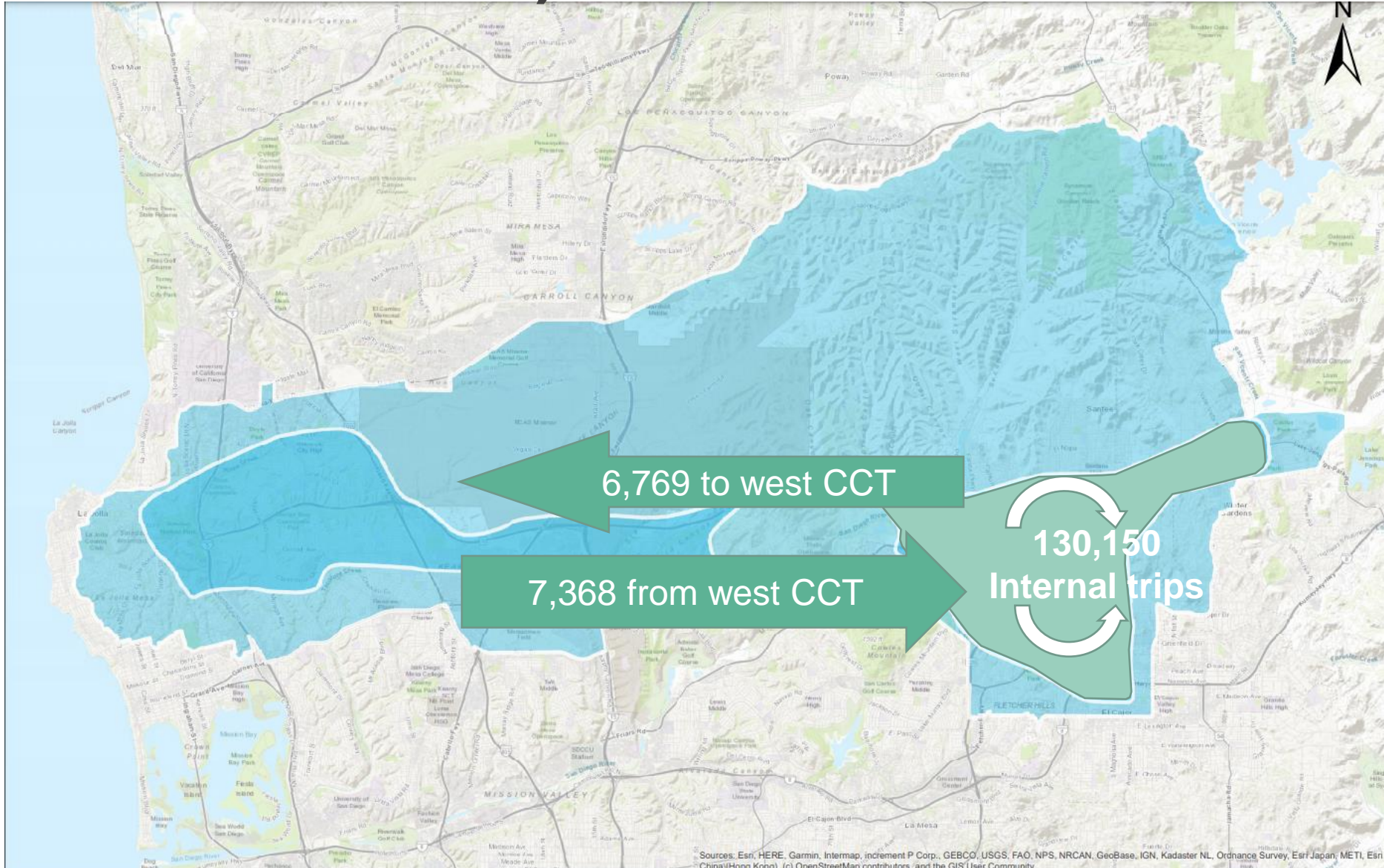


Potential Transportation Solutions

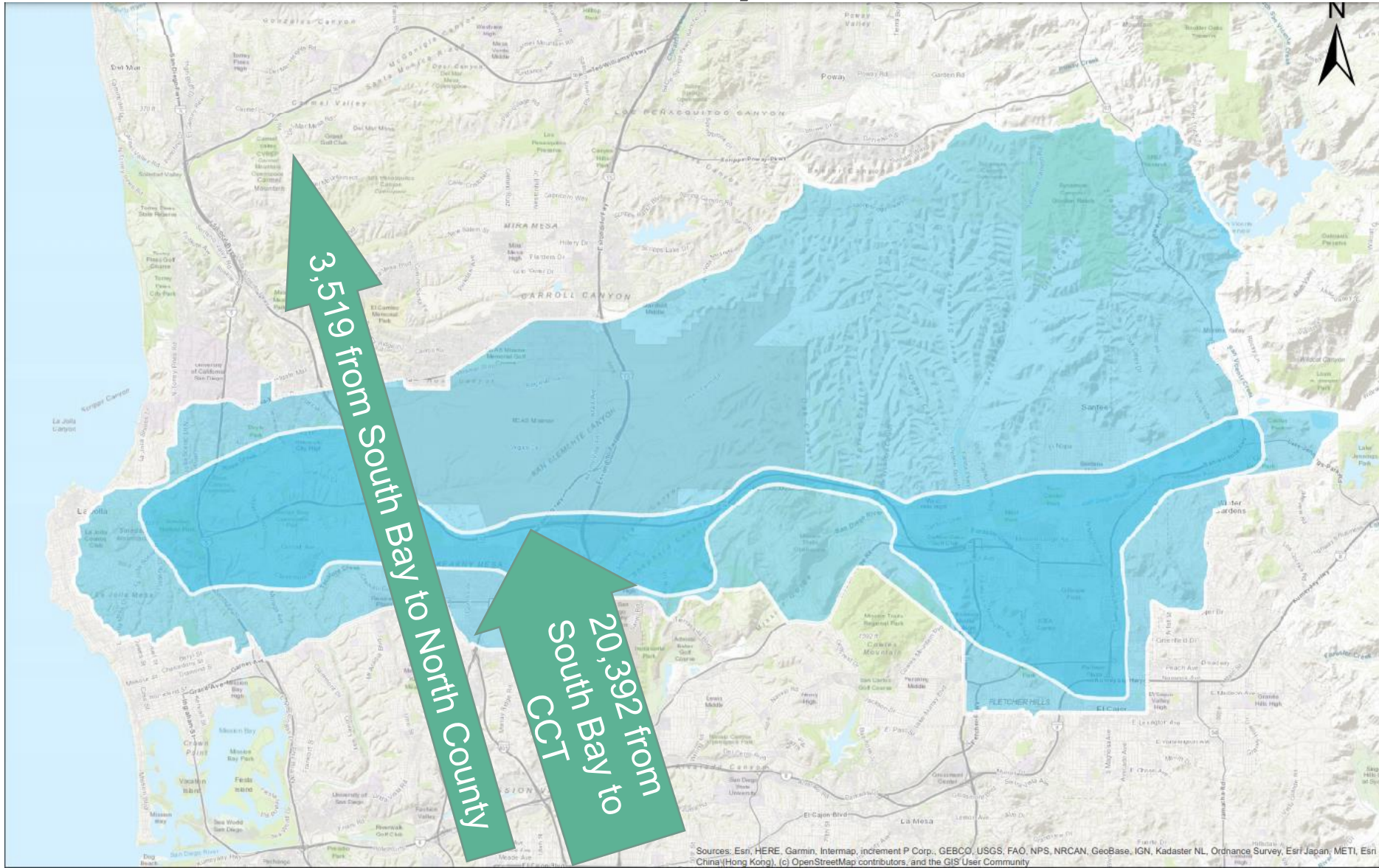


**Coast,
Canyons,
and Trails**

Where are people going? (Sample destinations within the corridor)



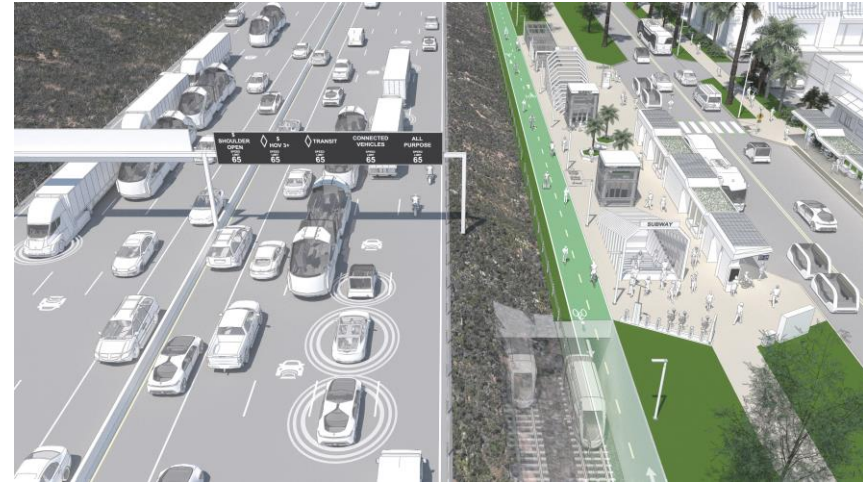
Where are people going? (Sample destinations from outside the corridor)



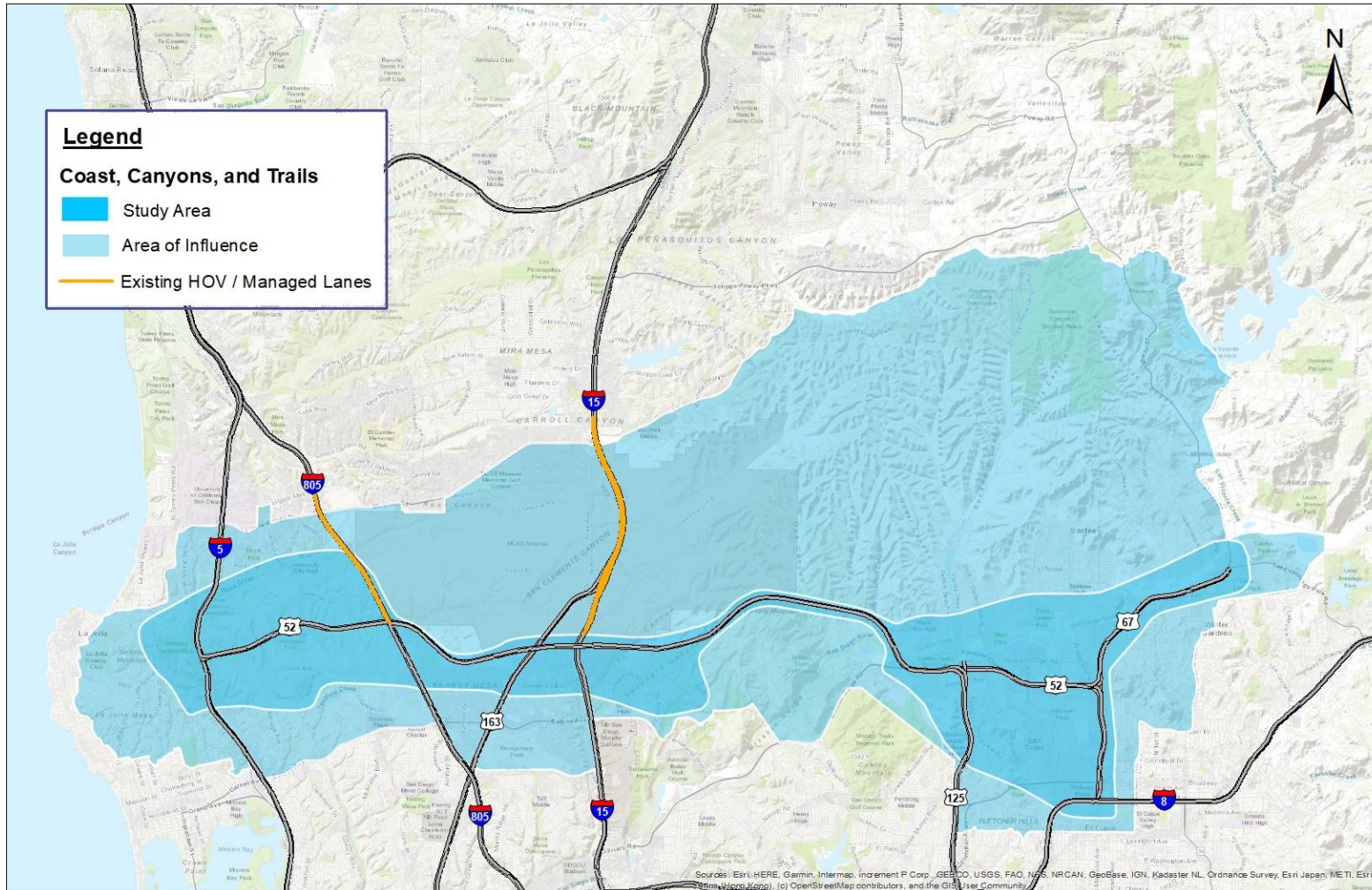
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Complete Corridors Strategies

- Freeway/Ramp improvements
- Roadway improvements
- Transit improvements
- Active transportation improvements



Freeway – Existing HOV/Managed Lanes



- I-805 north of SR 52
- I-15 north of SR 52



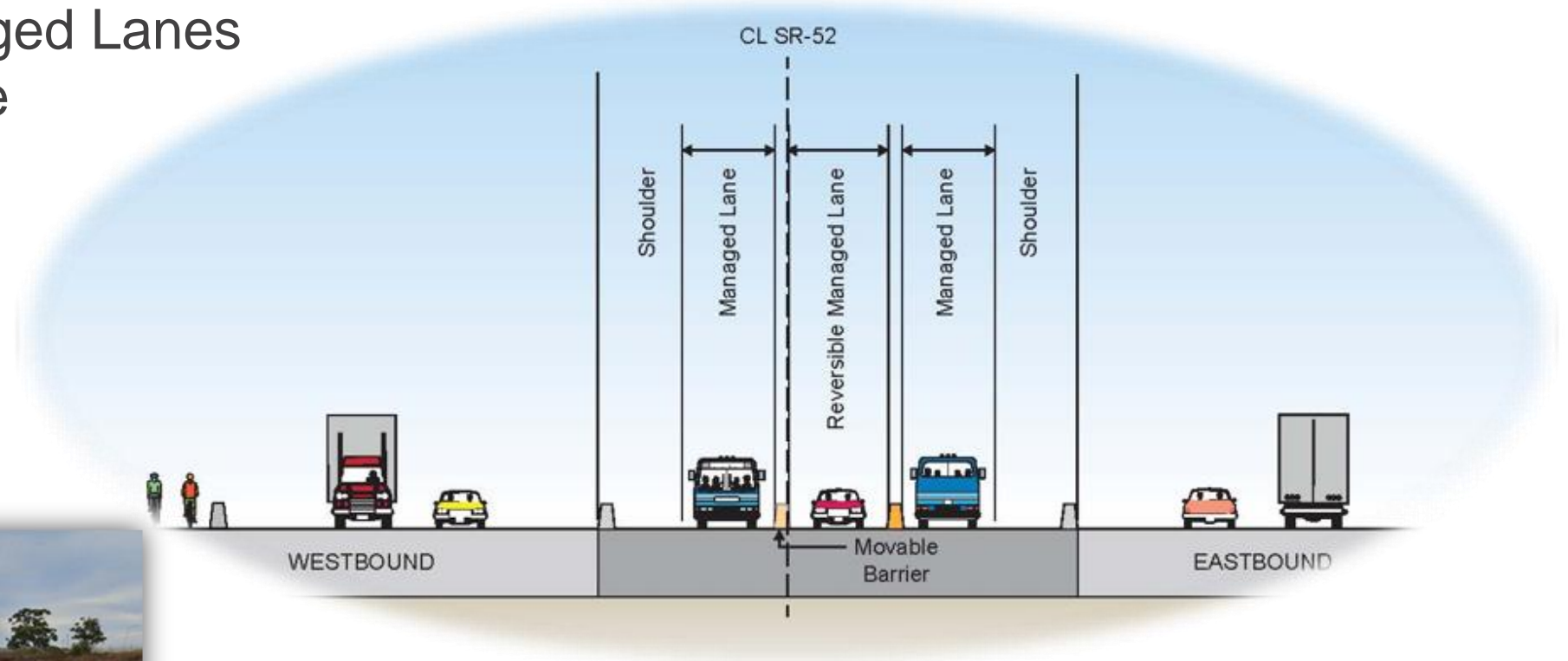
Freeway / Ramp Strategies – Key Concepts

- Managed Lane / Reversible Managed Lane
- Direct Access Ramp (DAR)
- Managed Lanes Direct Connectors
- Technology and Operational Improvements
- Ramp Metering / Signalization Improvements
- Truck Climbing Lanes



Freeway with Managed Lanes within Existing Median

- Directional Managed Lanes
- Center Reversible Managed Lane

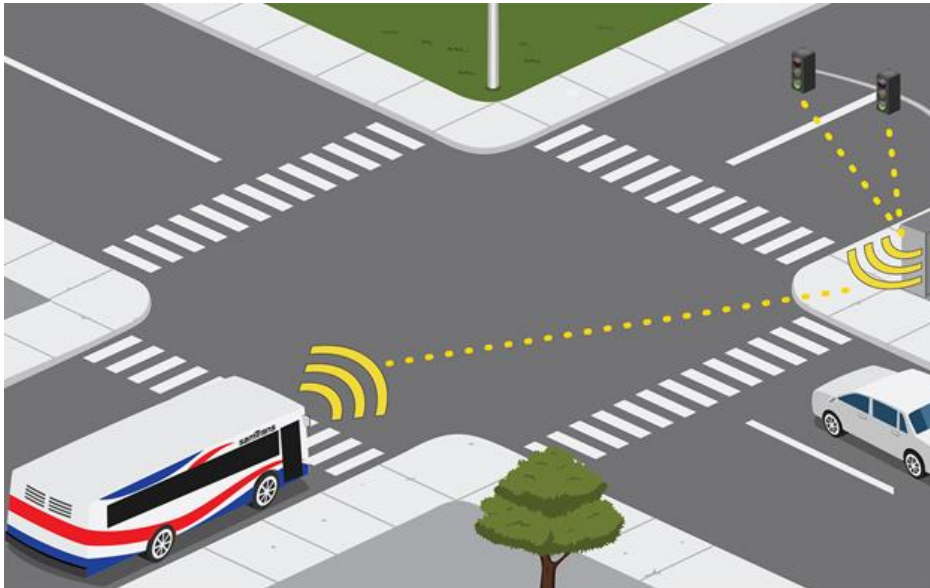


Polling Question:

- What are your concerns about freeways that need to be addressed? (Select up to three)
 - Safety
 - Traffic congestion on SR 67
 - Traffic congestion on SR 52
 - Lack of carpool lanes
 - Freeway congestion resulting in motorists using surface streets
 - Other (please post in Q&A)

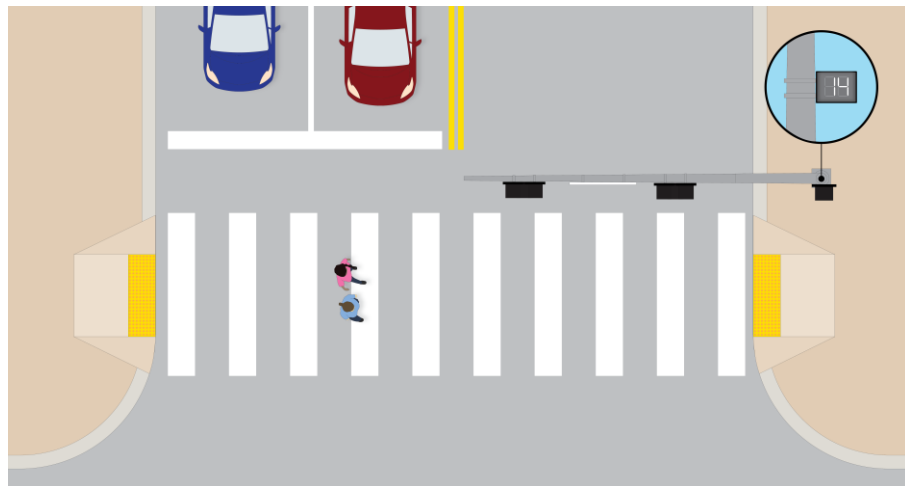
Roadway Strategies – Key Concepts

- Accommodate multimodal improvements & maintain vehicle operations
 - **Signal Coordination**
 - **Transit Priority**
 - **Flexible Lanes**

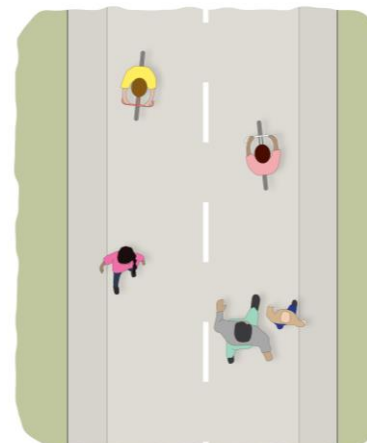
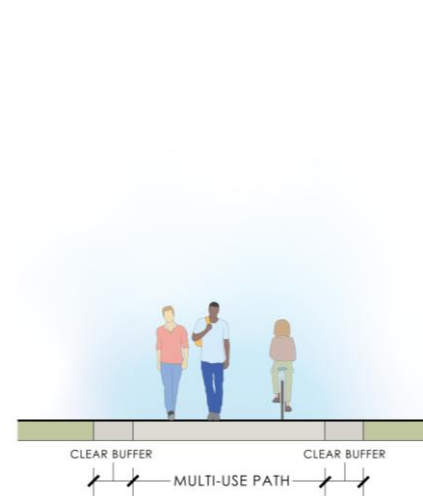


Active Transportation Strategies – Key Concepts

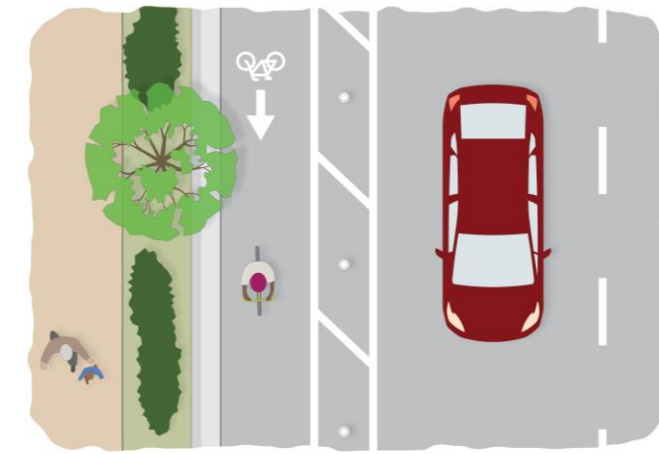
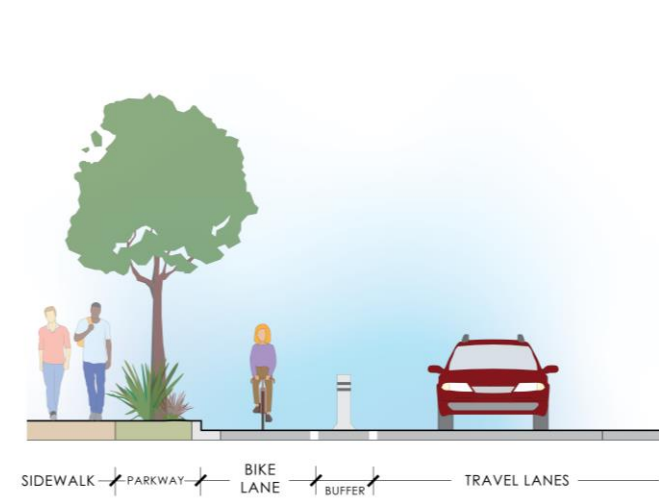
- **Bike Riders:** Increase safety and comfort through separated bikeways (Class I and Class IV)
- **Pedestrians:** Crossing enhancements and wider sidewalks in high activity areas



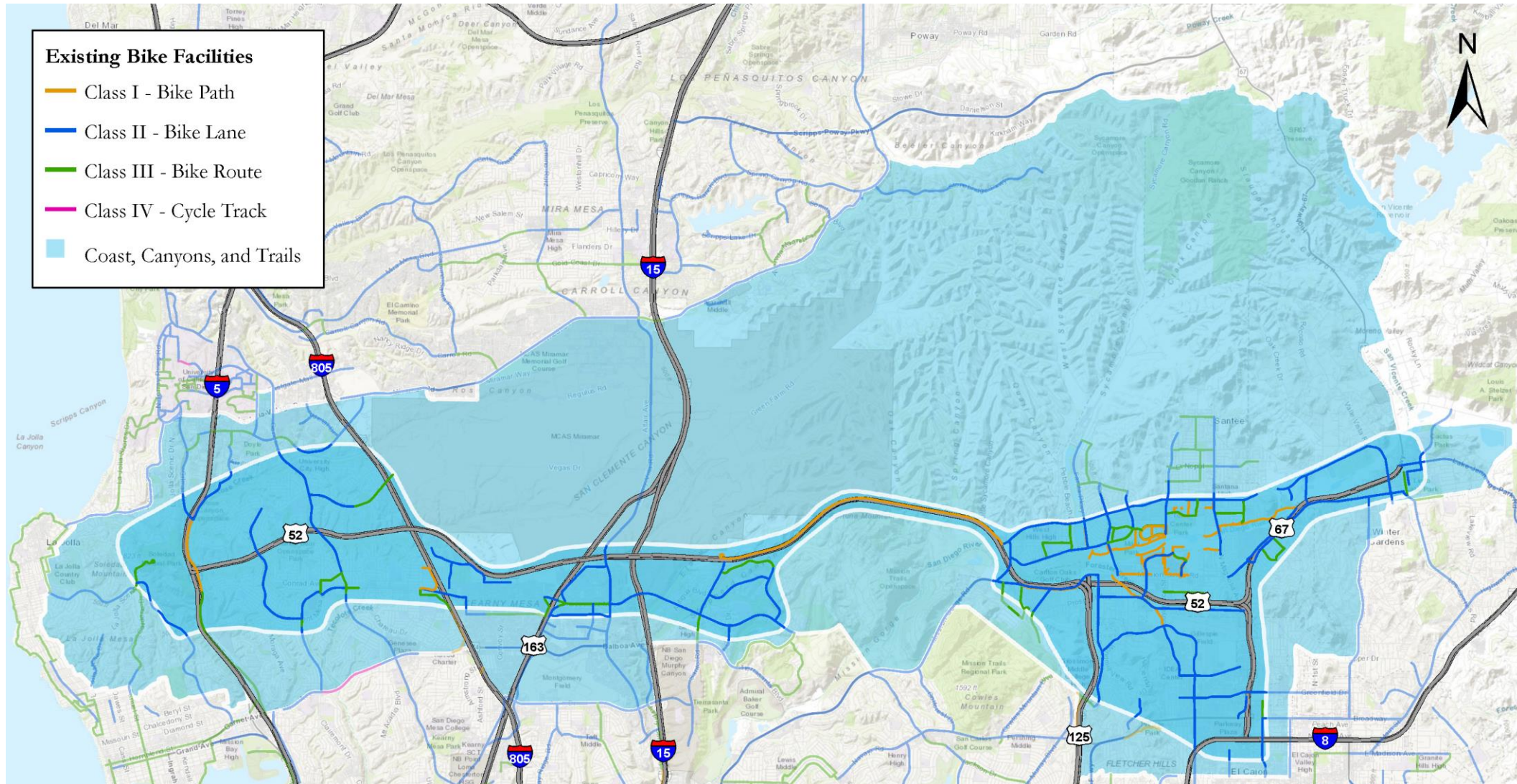
CLASS I MULTI-USE PATH



CLASS IV SEPARATED BIKEWAY

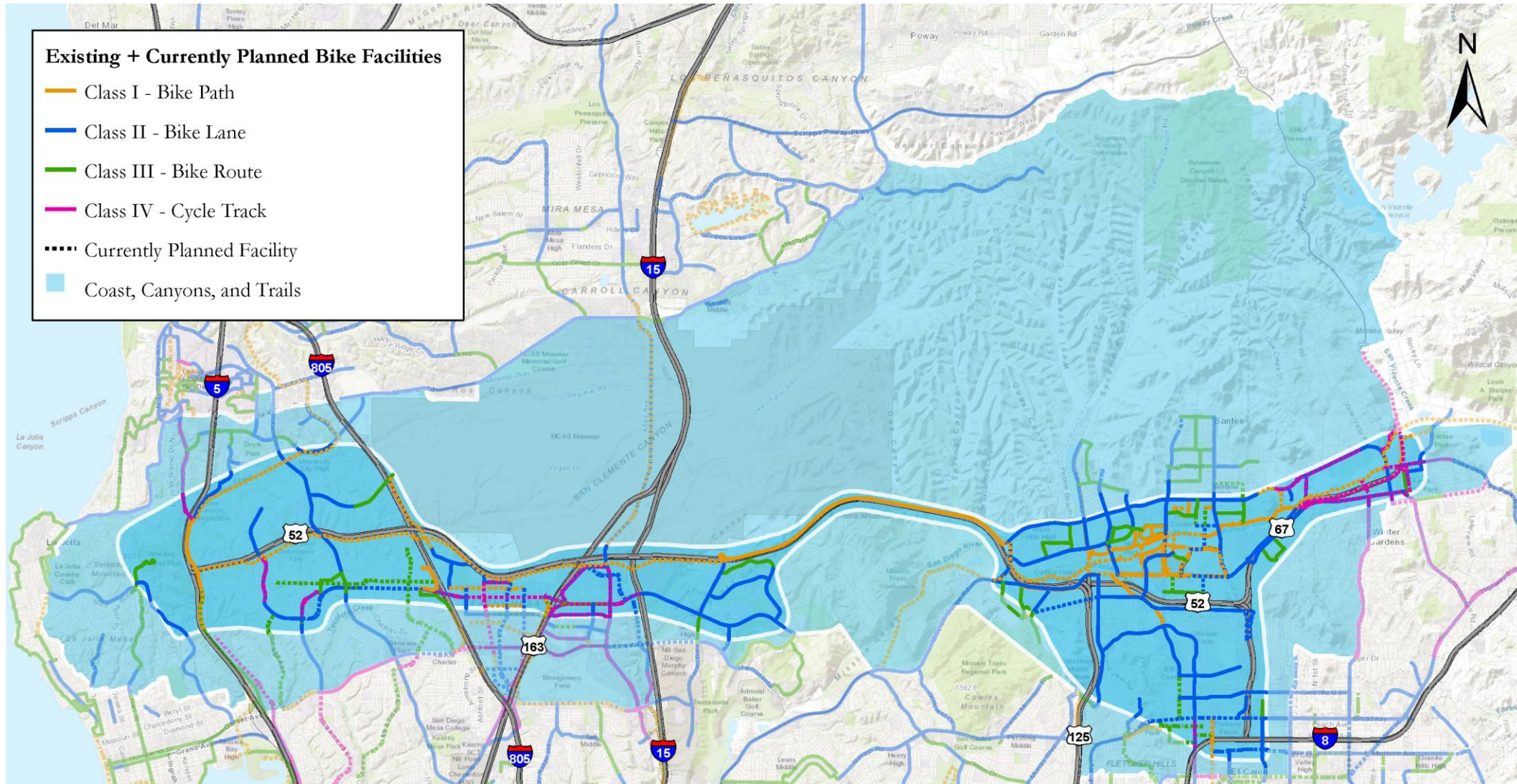


Active Transportation Strategies



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and Trails**

Active Transportation Strategies



Polling Question:

- If you are able to ride a bike, what would it take for you to consider riding a bike instead of driving? (Select up to three)
 - Separated bikeways
 - More route/destination choices
 - Public access to e-bikes
 - Bike share program
 - Secure bike parking
 - Sufficient bike transport on transit
 - Other (please post in Q&A)

Polling Question:

- What would it take to make pedestrian options more comfortable?
(Select up to three)
 - Safe/accessible sidewalks and crossings
 - Wider sidewalks
 - Access to transit options
 - Shaded sidewalks
 - Rest areas
 - Traffic calming
 - Other (please post in Q&A)

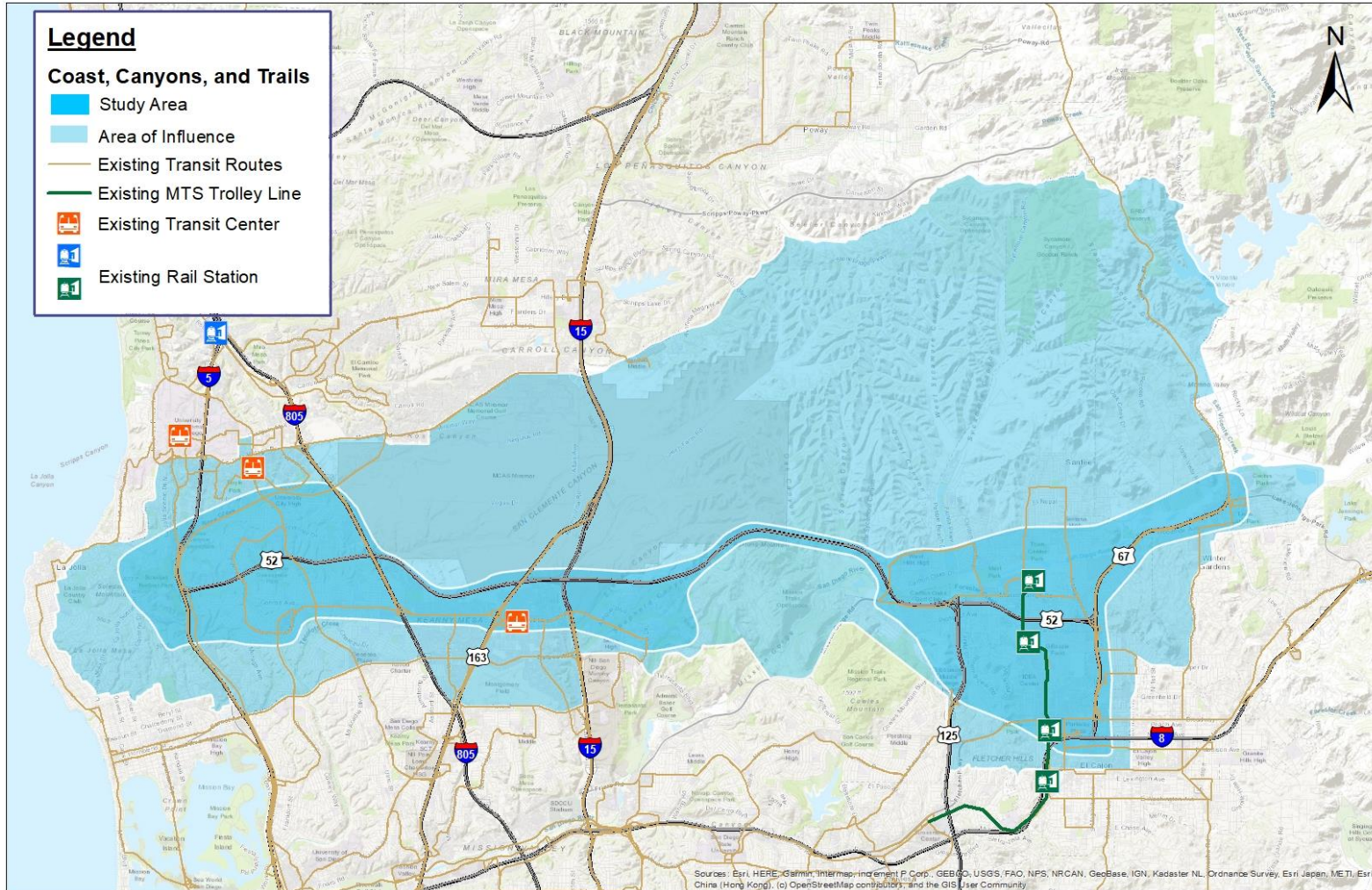
Transit Strategies – Key Concepts

- Next Generation *Rapid*
- Dedicated Transit Lanes
- Transit Leap



Coast,
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and Trails

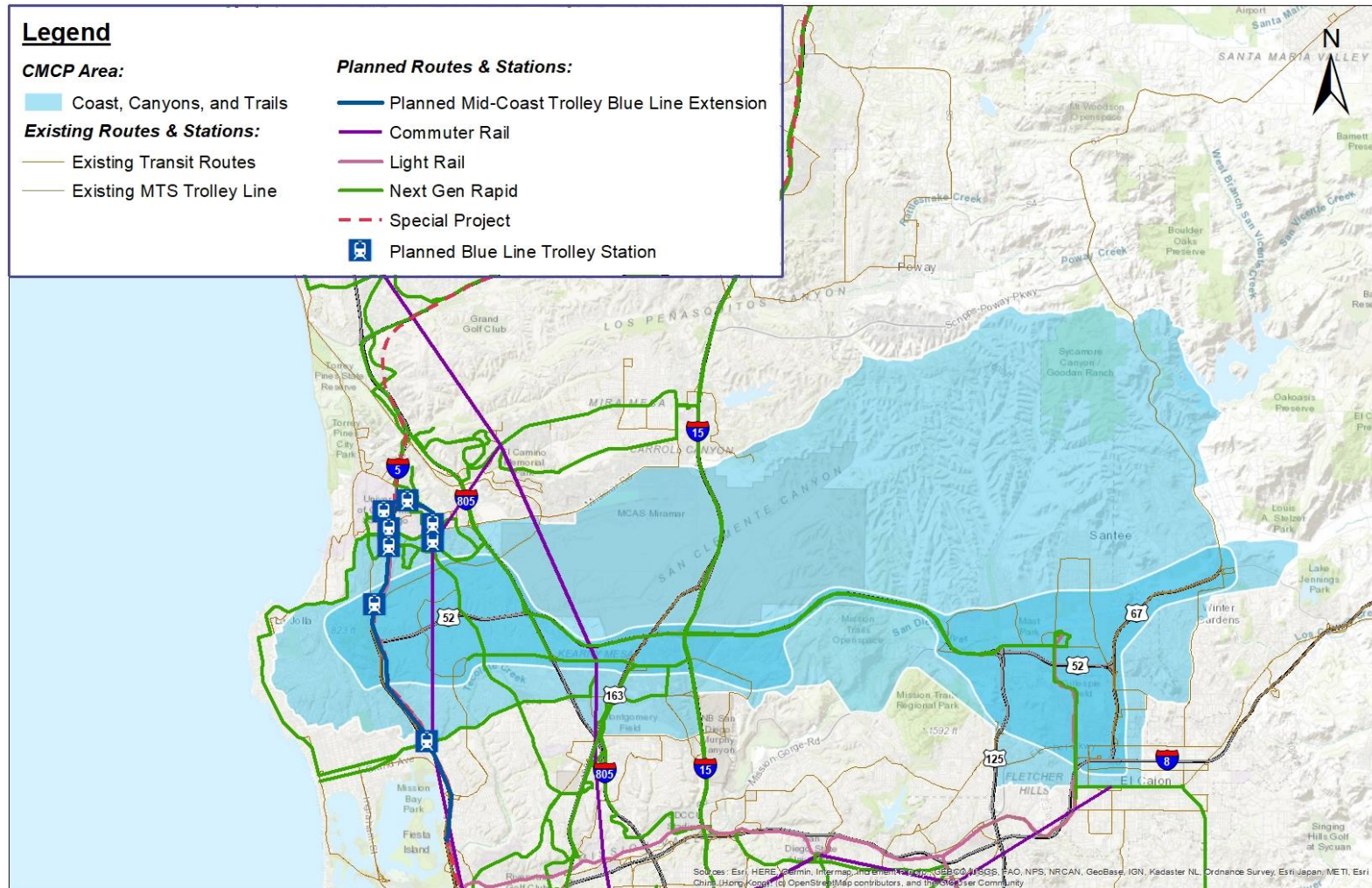
Transit – Existing Routes & Stations



- MTS Trolley
- NCTD Coaster
- MTS Bus Service



Transit – Planned Routes & Stations



- MTS Blue Line Extension (Mid-Coast Trolley)
- Next Gen Rapid Bus



Polling Question:

- What would it take for you to use transit more often? (Select up to three)
 - Increased frequency
 - Faster travel times
 - Enhanced station amenities
 - Reduced fares
 - More choices in modes of transportation
 - Greater span of services
 - Direct routes to where I need to go
 - More comfortable transit vehicles
 - Feeling safer on transit
 - Other (please post in Q&A)

Mobility Hub and Flexible Fleet Strategies – Key Concepts

Regional Hubs

- Include Coastal, Major Employment Centers, and Suburban Hubs
- Call for different amenities and mode types based on hub typology



Source: Dirk DBQ



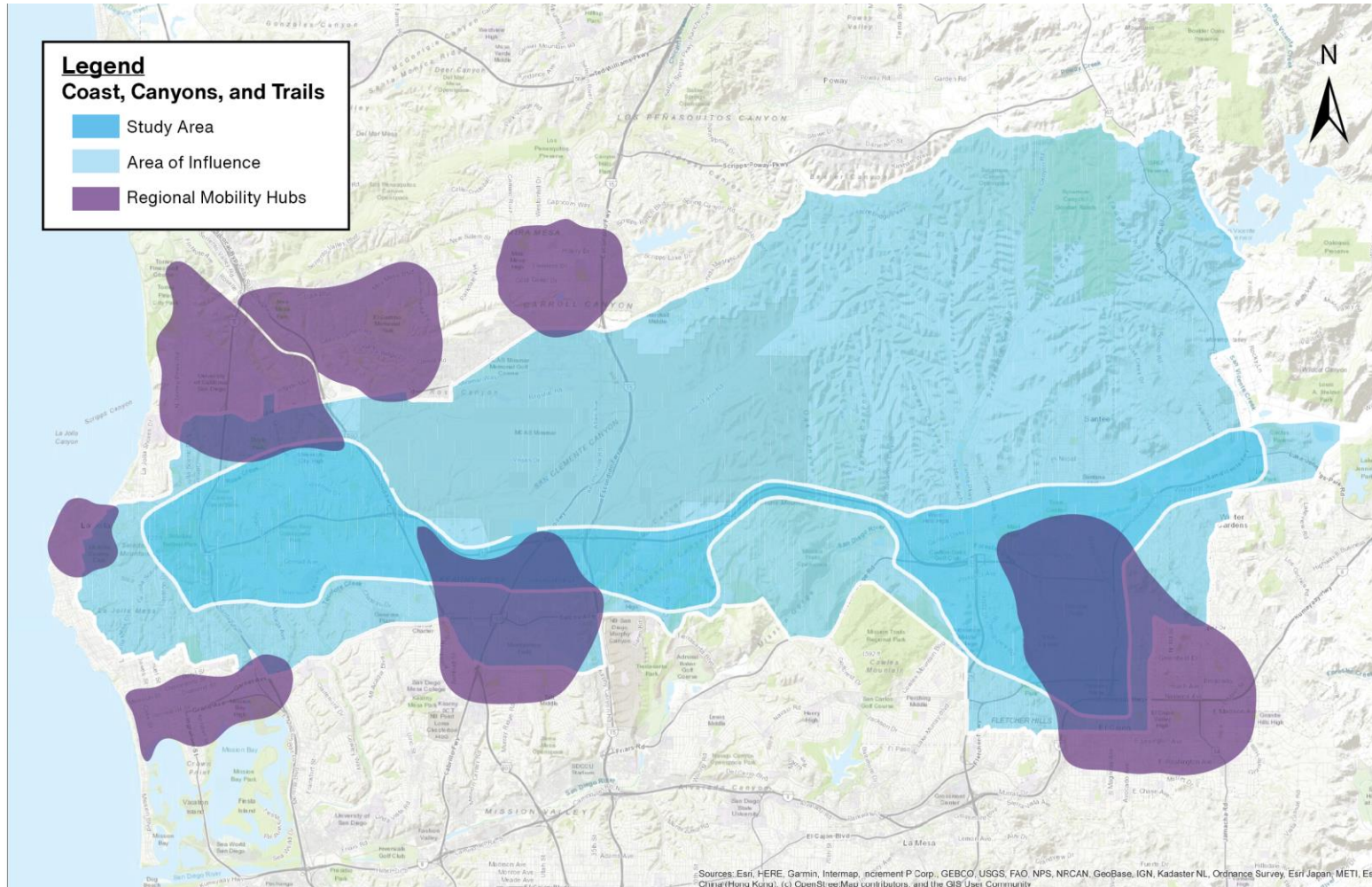
Source: PBS



Source: California Parks and Recreation Society



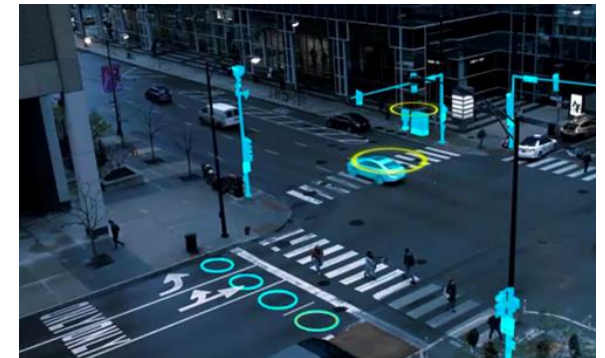
Mobility Hub and Flexible Fleet Strategies – Key Concepts



Mobility Hub and Flexible Fleet Strategies – Key Concepts

Neighborhood Hubs

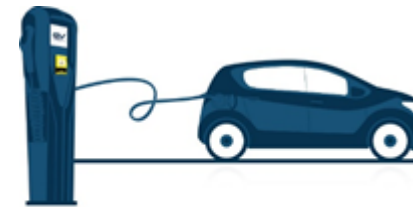
- Enhanced first- and last- mile connections
- Flexible Fleets
- Part of Universal Transportation System
- Technology integration
- Smart intersections and lighting



Mobility Hub and Flexible Fleet Strategies – Key Concepts

Next Gen *Rapid Stop Hubs*

- Enhanced transit stops
- Additional mobility alternatives
- Interactive kiosks
- Electric vehicle charging



Polling Question:

- What amenities would you like to see at mobility hubs in this corridor? (Select up to three)
 - Bike/scooter share
 - Interactive Information kiosks
 - Package delivery lockers
 - Seating/rest areas
 - Retail services
 - Electric vehicle charging
 - Complimentary WiFi and device charging
 - Wayfinding & digital signage
 - Connections to bike/pedestrian routes
 - Other (please post in Q&A)

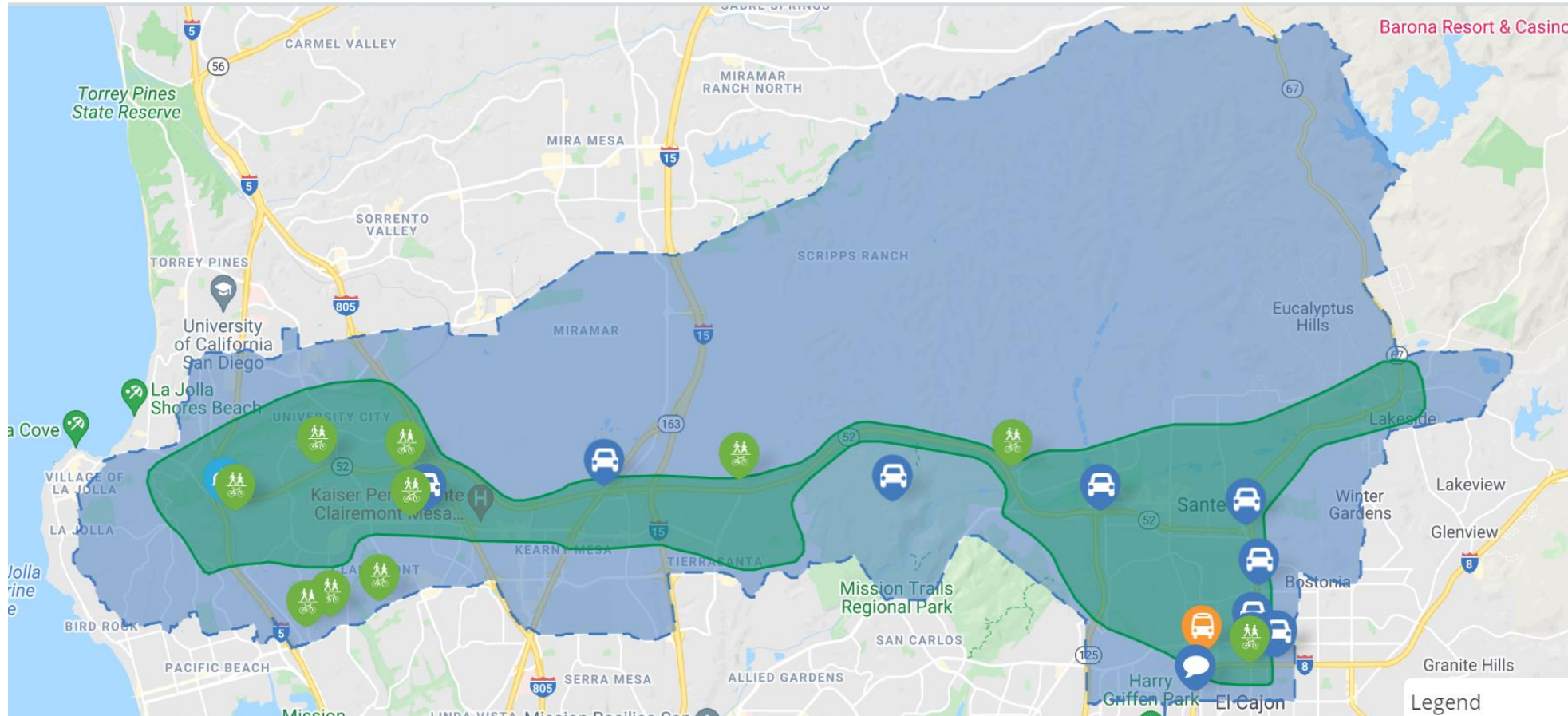
Gathering Community Input



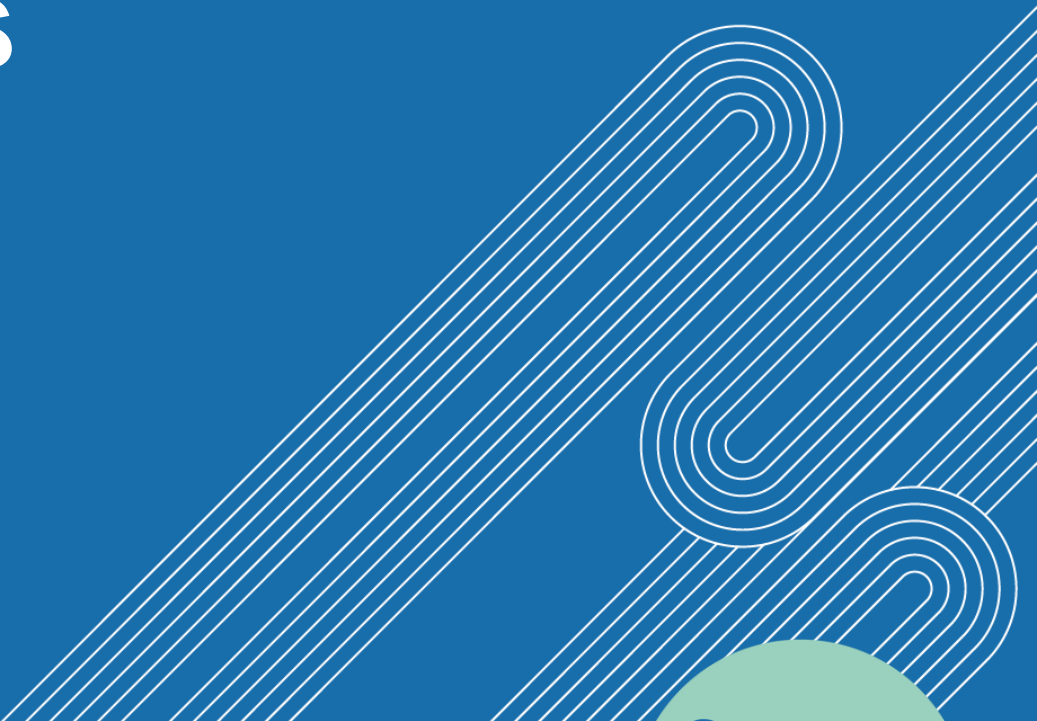
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and Trails

Virtual Engagement Site Feedback

Drag to comment > Environmental Comment Traffic Comment Transit Comment Bike/Pedestrian Comment Goods Movement General Comment / Suggestions

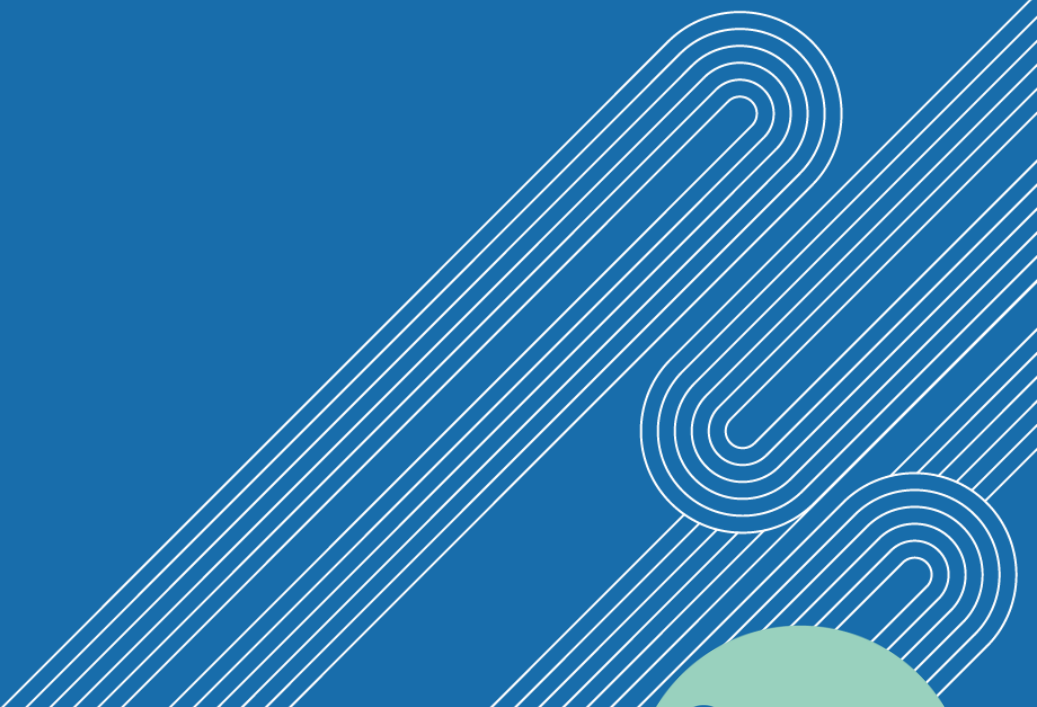


Questions and Answers



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and Trails

Next Steps



**Coast,
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and Trails**

Milestones and Timeline

July 15, 2021

- First Virtual Public Meeting

Summer 2021

- Develop Transportation Solutions

Fall 2021

- Second Virtual Public Meeting

Fall 2021

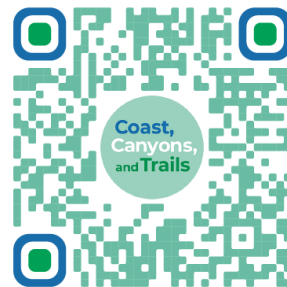
- Prepare Draft Report

Winter 2021

- Present Final Report

Public Engagement Opportunities

- Stay informed and provide feedback via our virtual engagement site
- Survey responses will be accepted through August 15, 2021
- Second virtual public meeting will be held in Fall 2021



**Scan to visit the
Coast, Canyons, and Trails web page!**

**Coast,
Canyons,
and Trails**

SANDAG and Caltrans
are committed to keeping
communities informed



sandag.org/CMCP



CMCP@sandag.org



Call (888) 317-8976 | Text (844) 569-0570



CCT Virtual Engagement Hub
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