

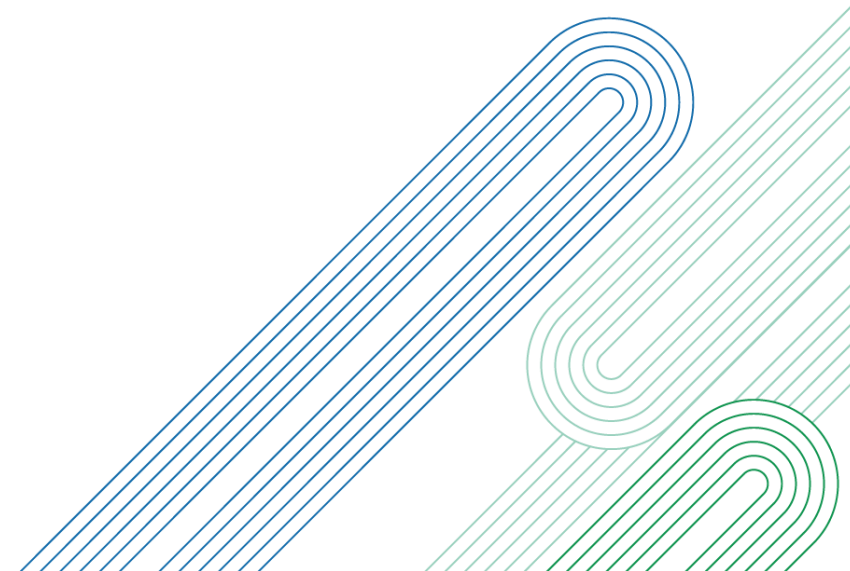
COMPREHENSIVE
MULTIMODAL
CORRIDOR PLAN

**Coast,
Canyons,
and Trails**

Public Meeting #2

Draft Transportation Solution Strategies

June 29, 2022



Welcome!

- **For Spanish Interpretation:**
 - Click “Interpretation” at bottom of screen
 - Then, click on “Spanish”
 - To hear only Spanish, click "mute original audio“
 - If on a mobile app (cell phone, tablet, etc.), press the ellipsis (...), then Interpretation, and then choose your language
- **Spanish-translated presentation link in the chat**
- **Para Interpretación en Español:**
 - Presione el botón de “Interpretación” en la parte inferior de la pantalla
 - Después seleccione “Spanish”
 - Para escuchar solo en español, haga clic en “callar audio original“
 - Si utiliza una aplicación móvil (tel celular, tableta, etc,), presione el elipse (...), después "Interpretación", y después elija su language.
- **La presentación traducida al español s era compartida en el chat**

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

Coast,
Canyons,
and Trails

Opening Remarks

Coast,
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and Trails

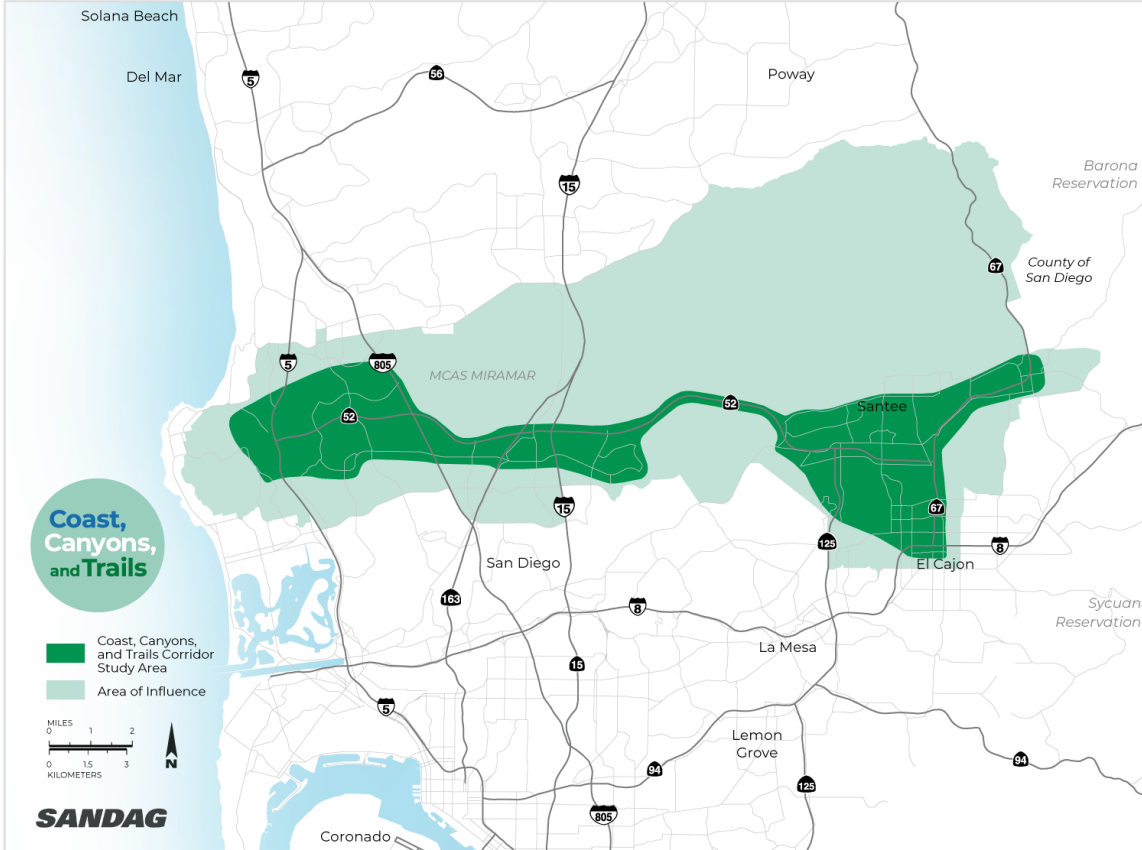
Opening Remarks

Polling Question:

How did you hear about this meeting?

(Check all that apply)

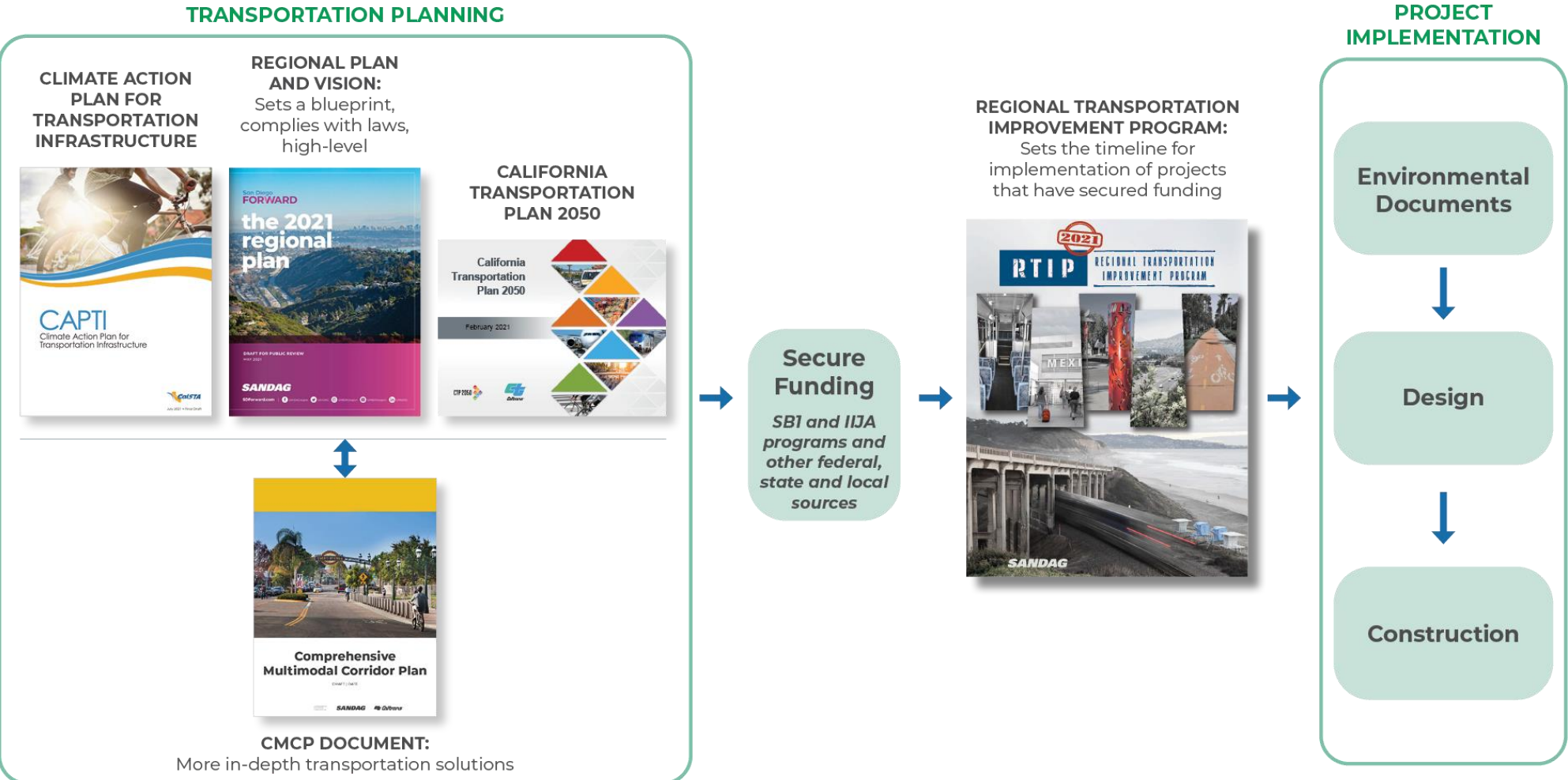
- SANDAG website
- At another SANDAG meeting
- Virtual engagement site
- Social media
- SANDAG e-blast
- Other electronic news source
- Newspaper advertisement
- Online advertisement
- Community group or organization
- Word of mouth
- Other (please post in Q&A)



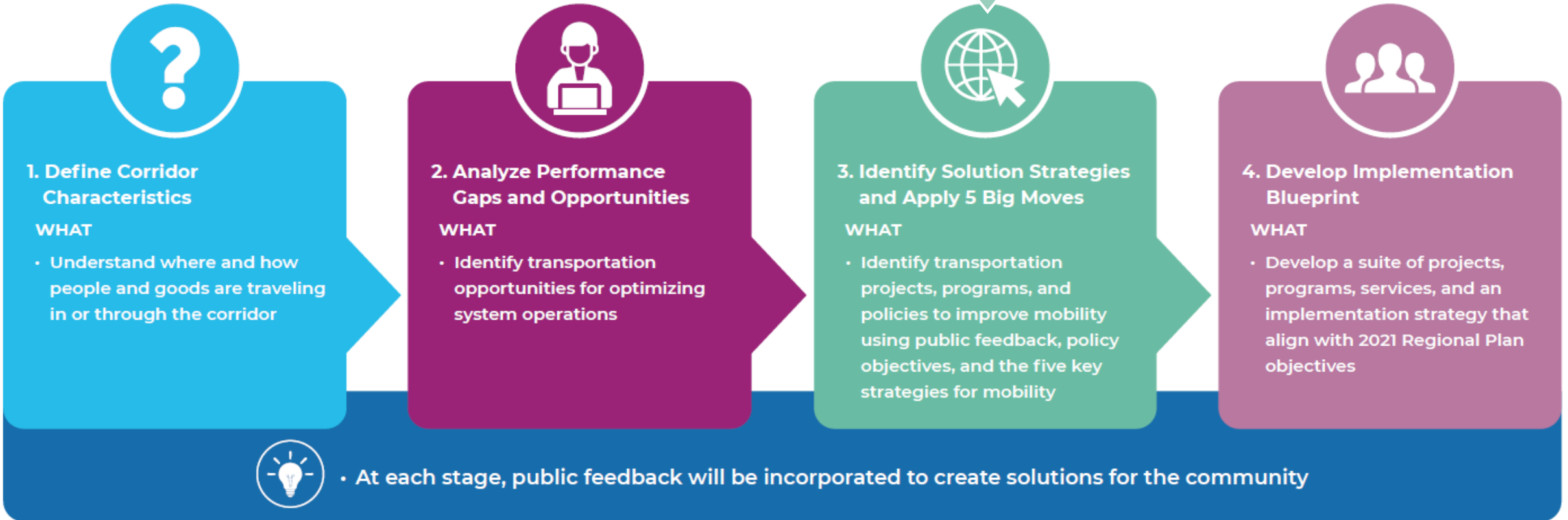
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and Trails

Comprehensive Multimodal Corridor Plans (CMCPs)

CMCP Role in Transportation Planning & Implementation



Process Overview

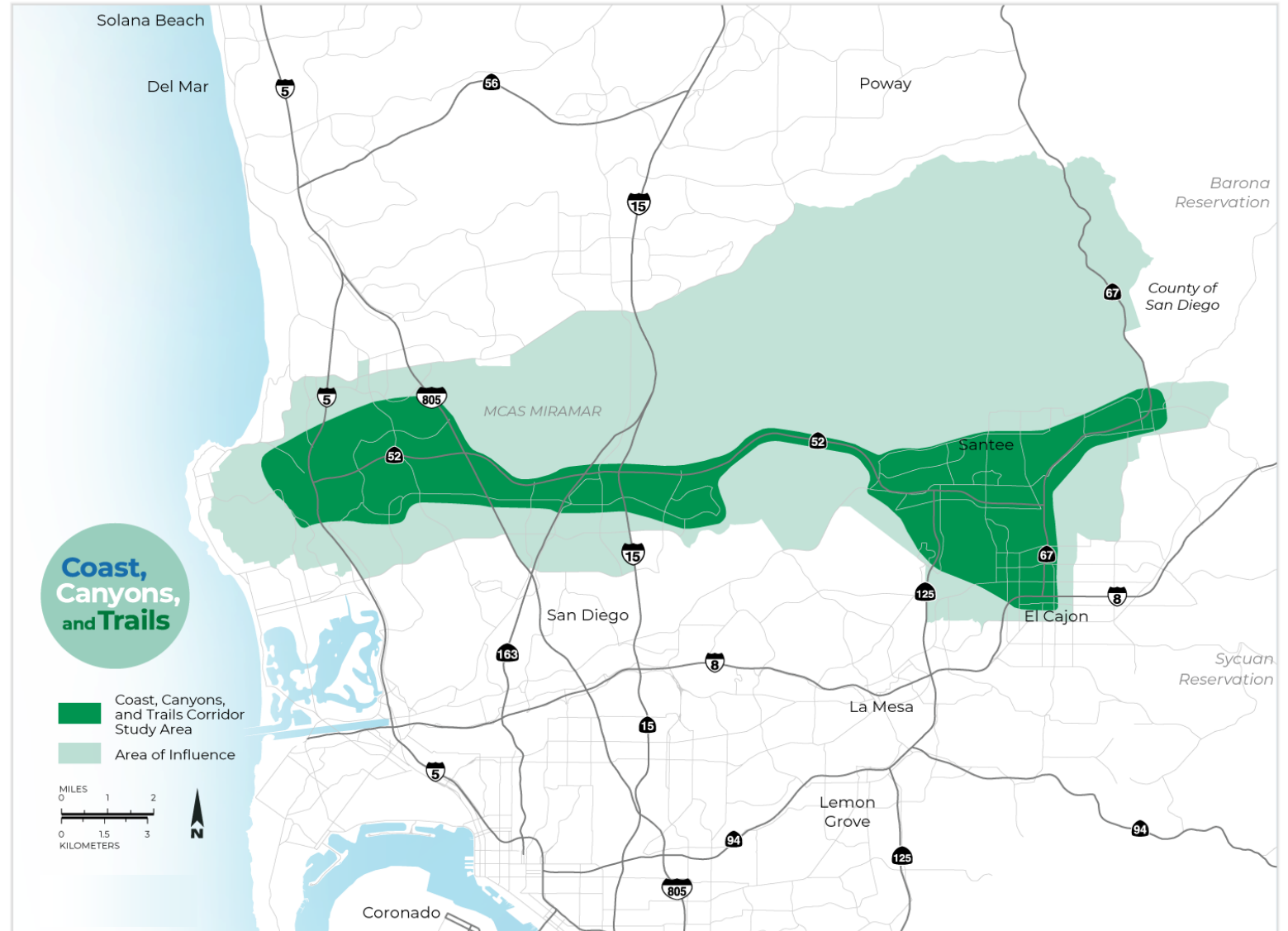


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and Trails

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.



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

Key Findings and Public Input

6 Key Corridor Context Findings

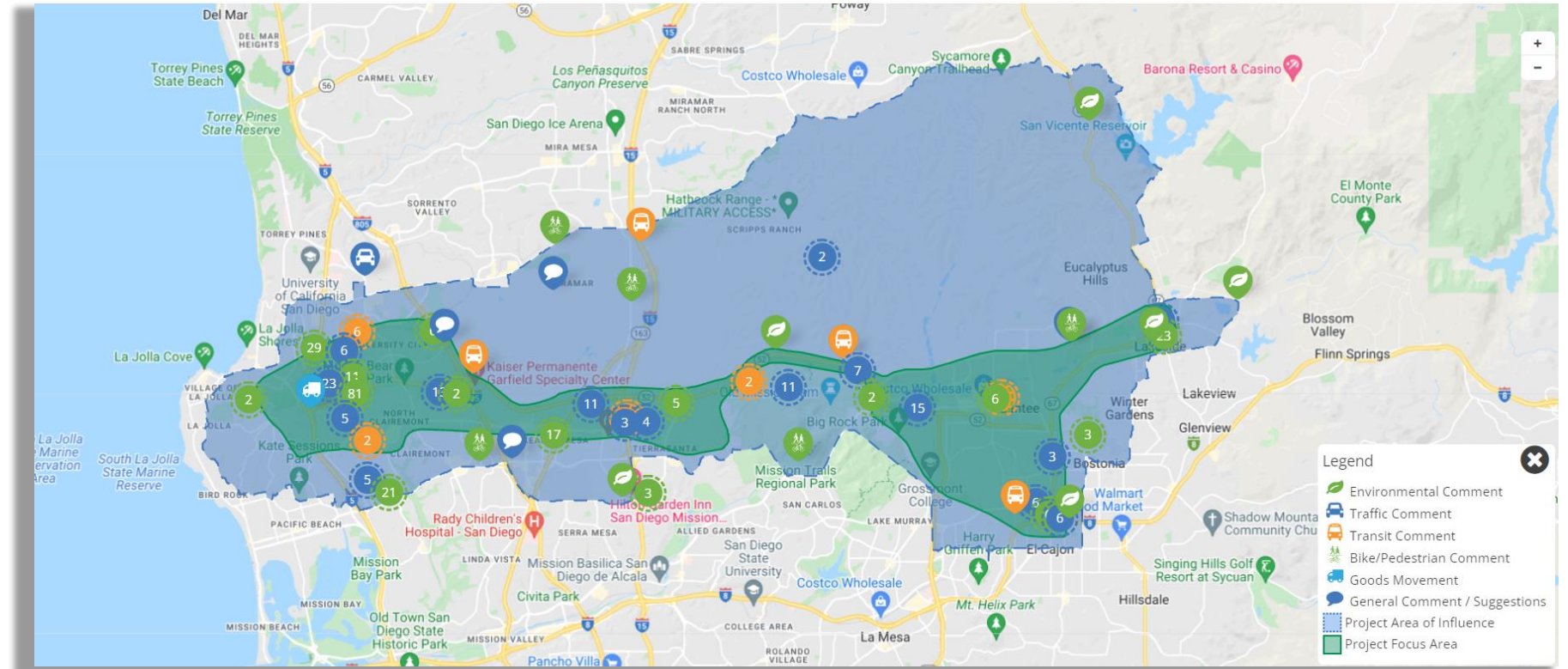
1. Sensitive landscape
2. Disadvantaged communities
3. Diverse contexts
4. Travel market
5. Peak-oriented demand
6. Areas of historic collisions

Public Input

VIRTUAL ENGAGEMENT HUB

Over 400 comments

- More than half of the comments were related to **active transportation**
- +/- 60 comments on **freeways**
- +/- 35 comments on **local streets**
- +/- 25 comments on **transit**



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and Trails

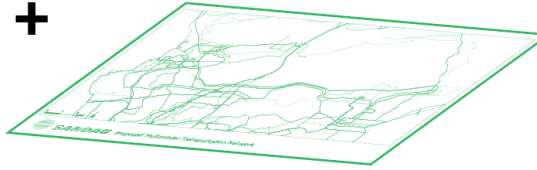
Transportation Solution Strategies

A Multi-Modal Plan

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and Trails



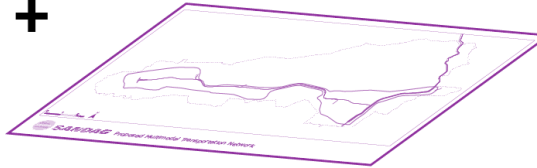
Bicycle



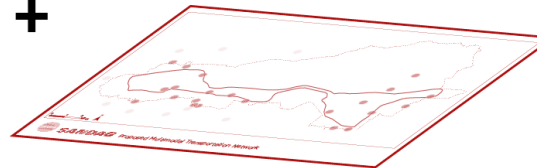
Transit



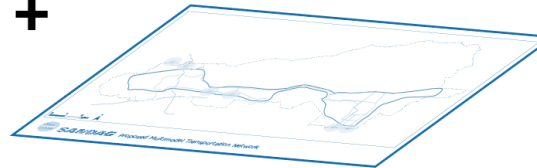
Roadway



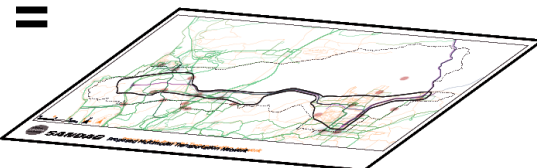
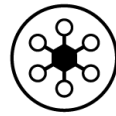
Freeway



Transportation Hubs



Technology



Multimodal Networks

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Transit Strategies

Transit Strategies – Key Concepts

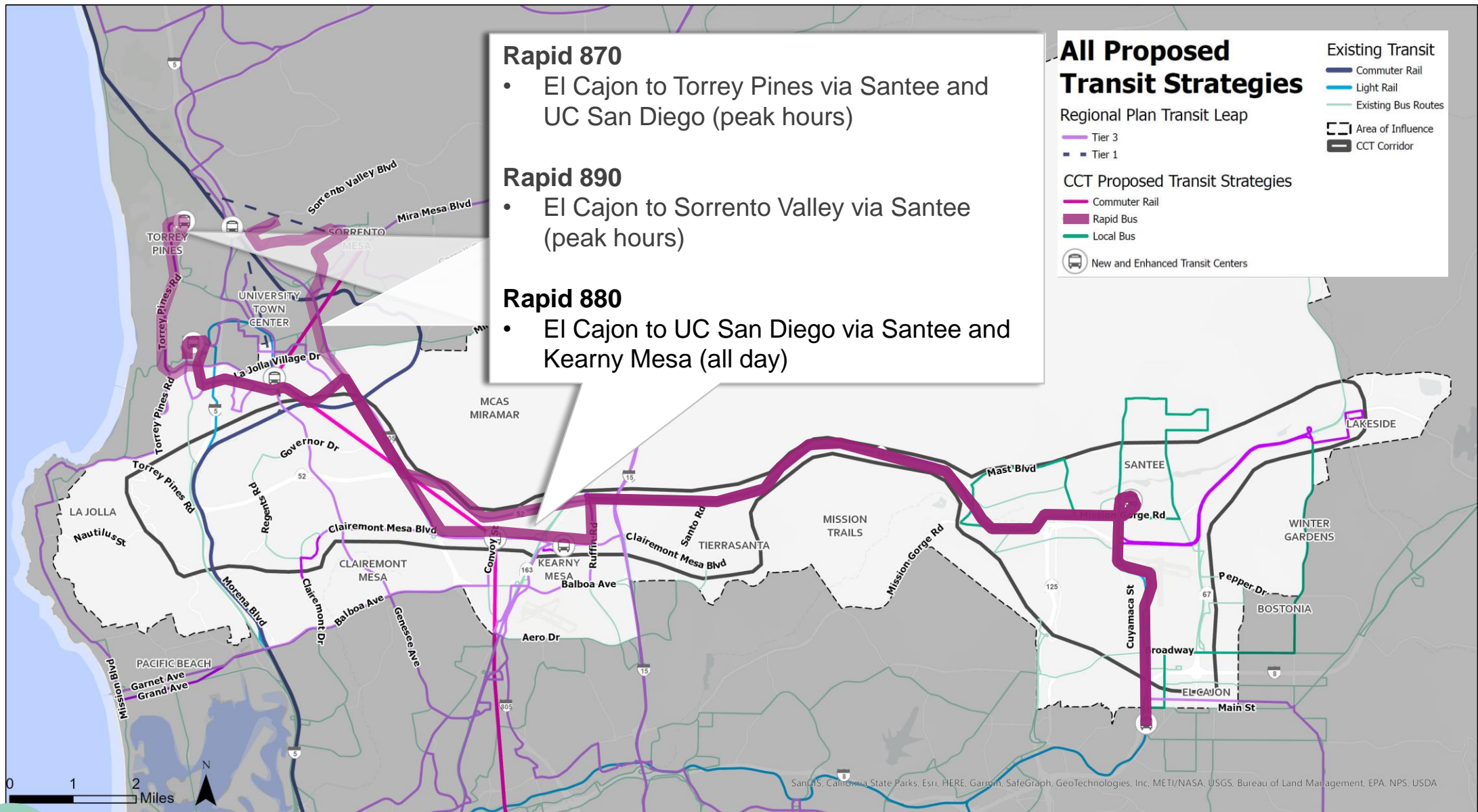
- Next Generation *Rapid*
- On-demand microtransit



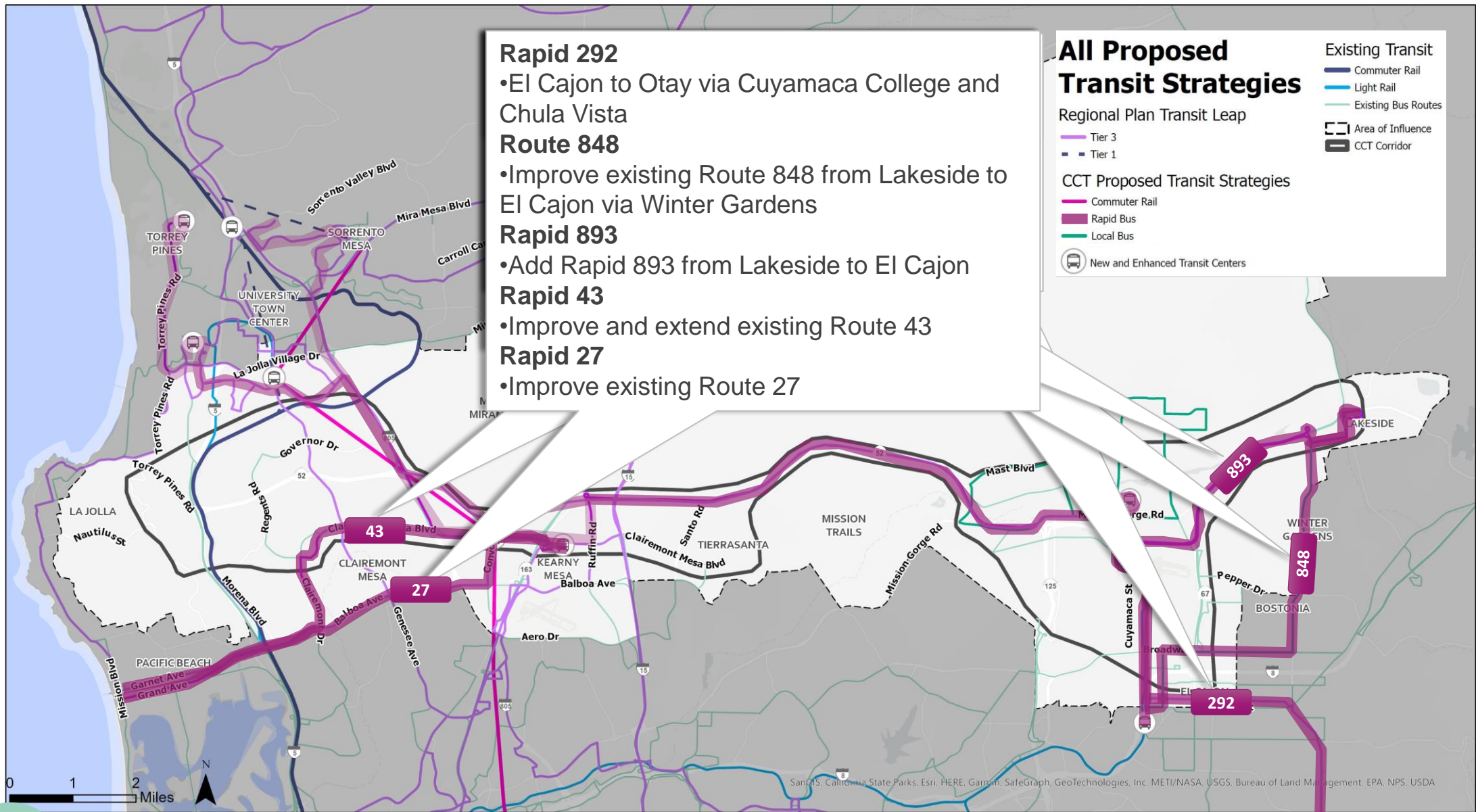
Source: Curbed DC

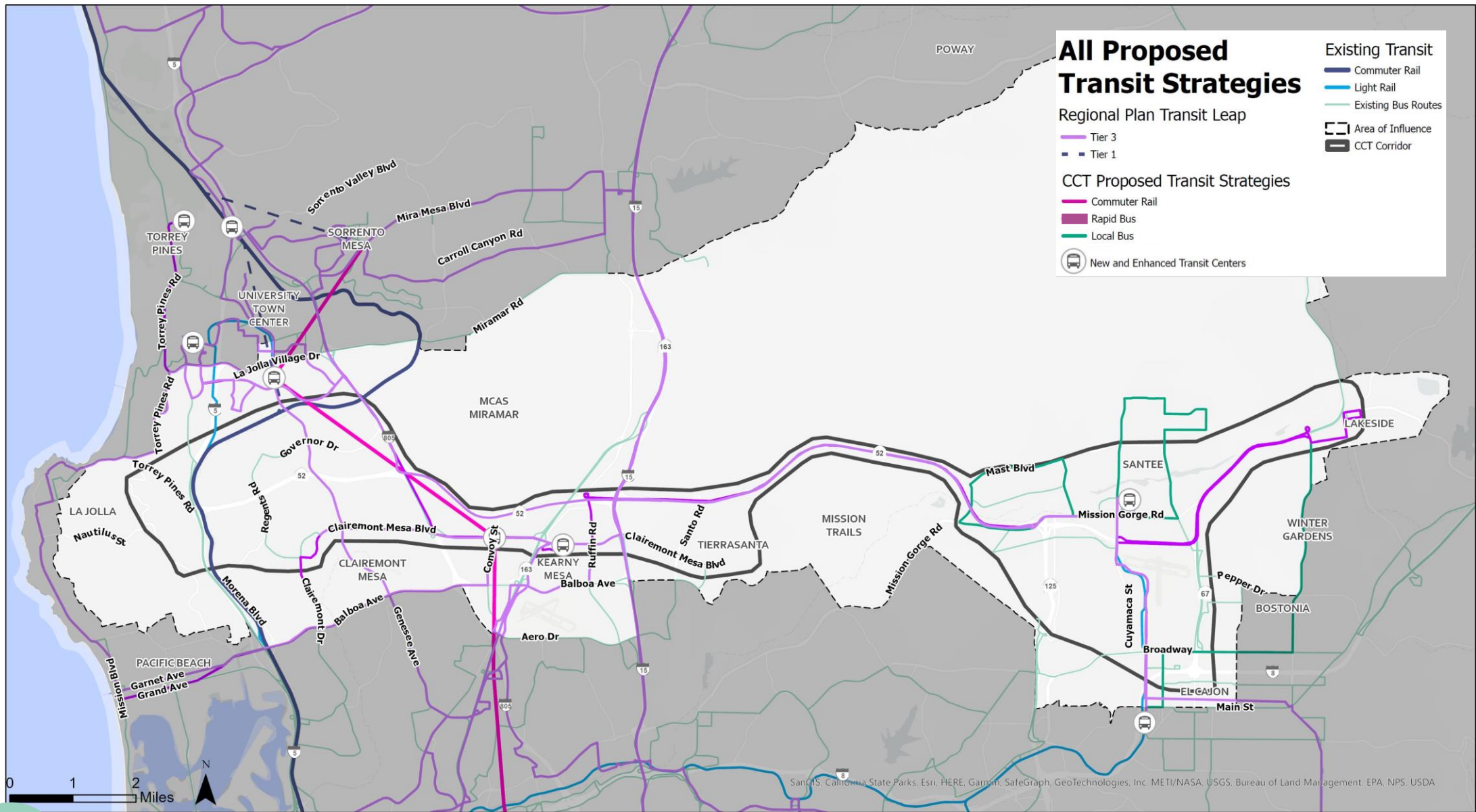


Source: LA Metro

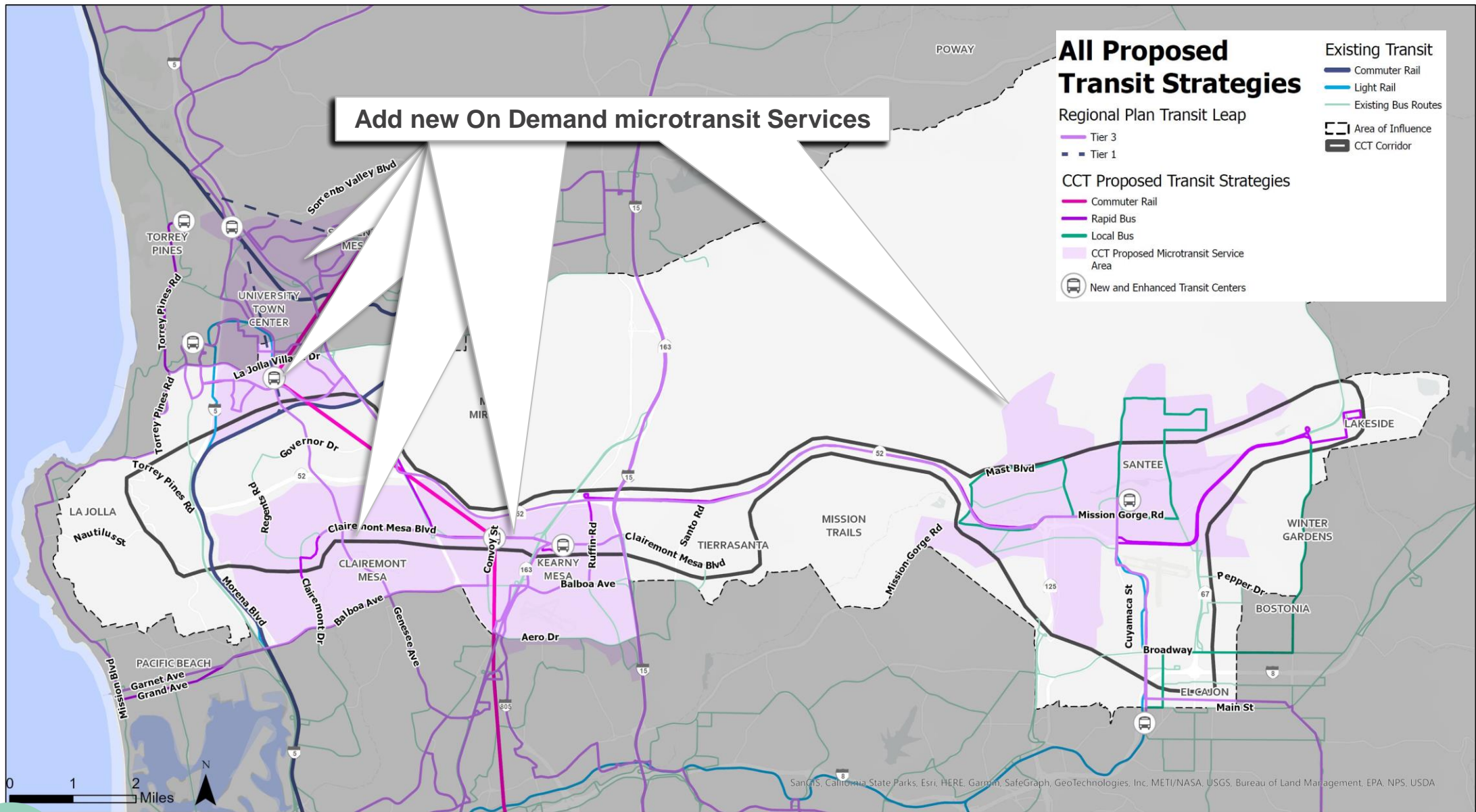


Proposed Freeway Transit Strategies





Proposed On Demand Transit Strategies



Transit Summary

- 7** new connections to the region's 3 largest employment centers
- 8** new Next Generation *Rapid* bus routes
- 9** local bus routes upgraded with better frequency
- 31** square miles of new on-demand microtransit service

Polling Question:

How well do the proposed transit strategies connect to key destinations in the corridor?



Polling Question:

How can local transit services be improved to be more attractive than driving? (pick your top three)

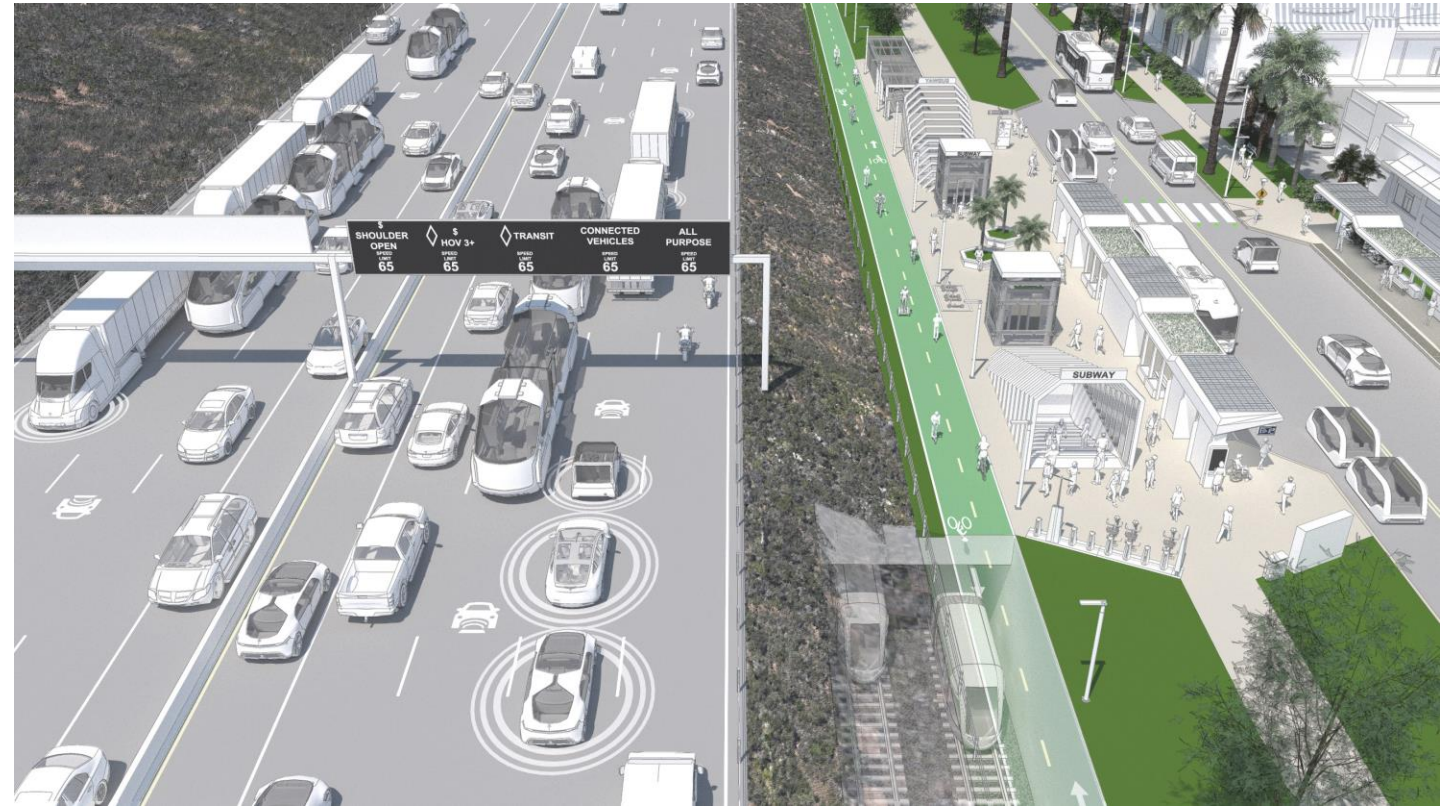
- Increase transit frequency (e.g. buses arrive every 10 minutes instead of every 30 minutes)
- Provide more transit options
- Increase speed; needs to be more competitive with driving times
- Increase connections/services to get me from the transit station to my destination
- Better pedestrian/bicycle connections
- Reduce need for transfers
- Reduce fares
- Provide accurate up-to-date travel time information
- Improve safety
- Other

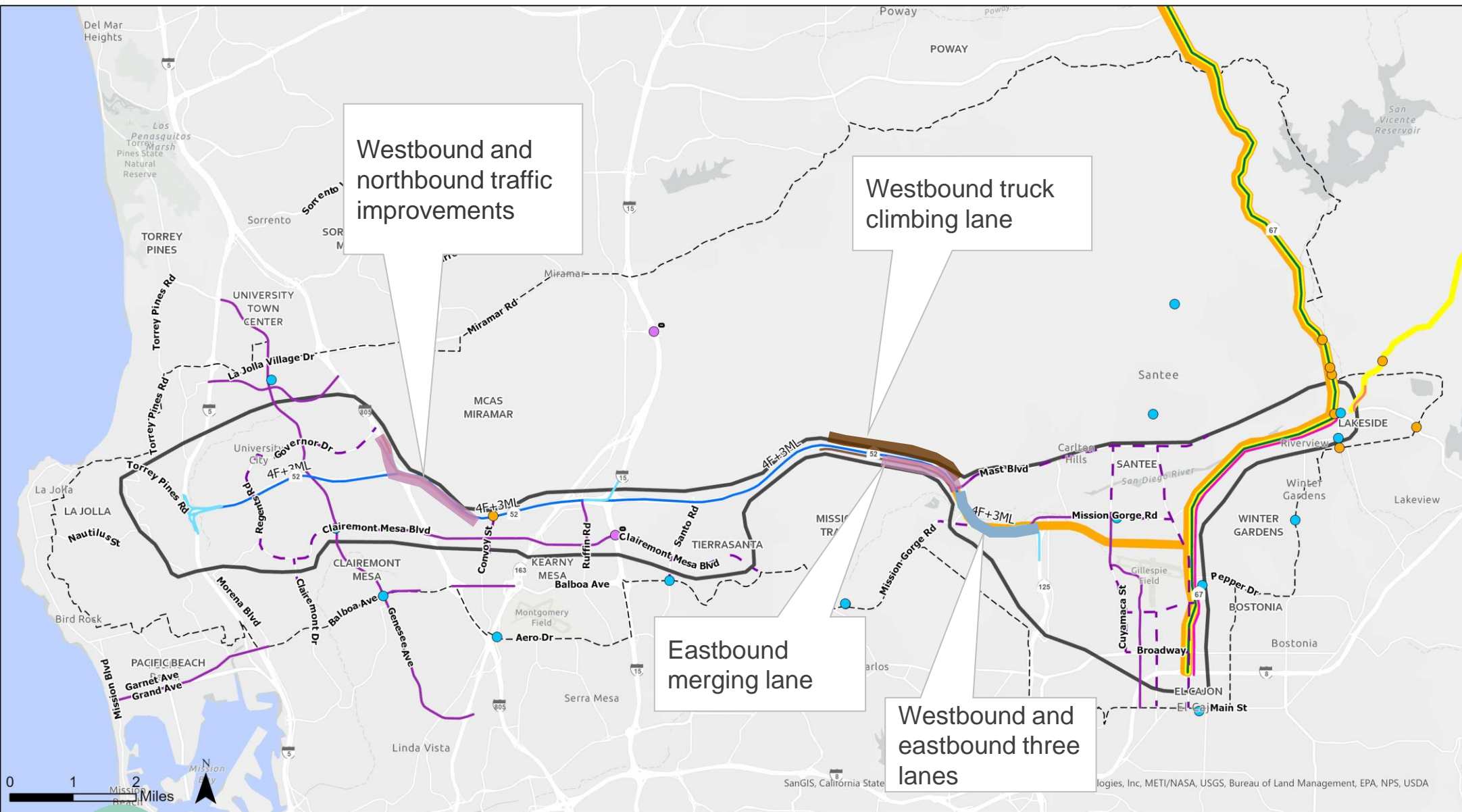
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Freeway Corridor Strategies

Freeway Corridor Strategies – Key Concepts

- Managed Lanes
- Freeway-Freeway Ramps
- Truck Climbing Lanes
- Other Operational Improvements





- Operational Improvements
 - EV Charging
 - Direct Access Ramp (DAR)
- Complete Corridors**
- Evacuation Technology
 - Truck Climbing Lane
 - Managed Lane
 - Managed Lane Connector
 - Auxiliary & Passing Lane
 - Utility Enhancement
 - Digital Infrastructure
 - Safety
 - In-Line Station
 - Flex Lane
 - Smart Intersection Technology Corridor
 - Area of Influence
 - CCT Corridor



Proposed Freeway Corridor Strategies

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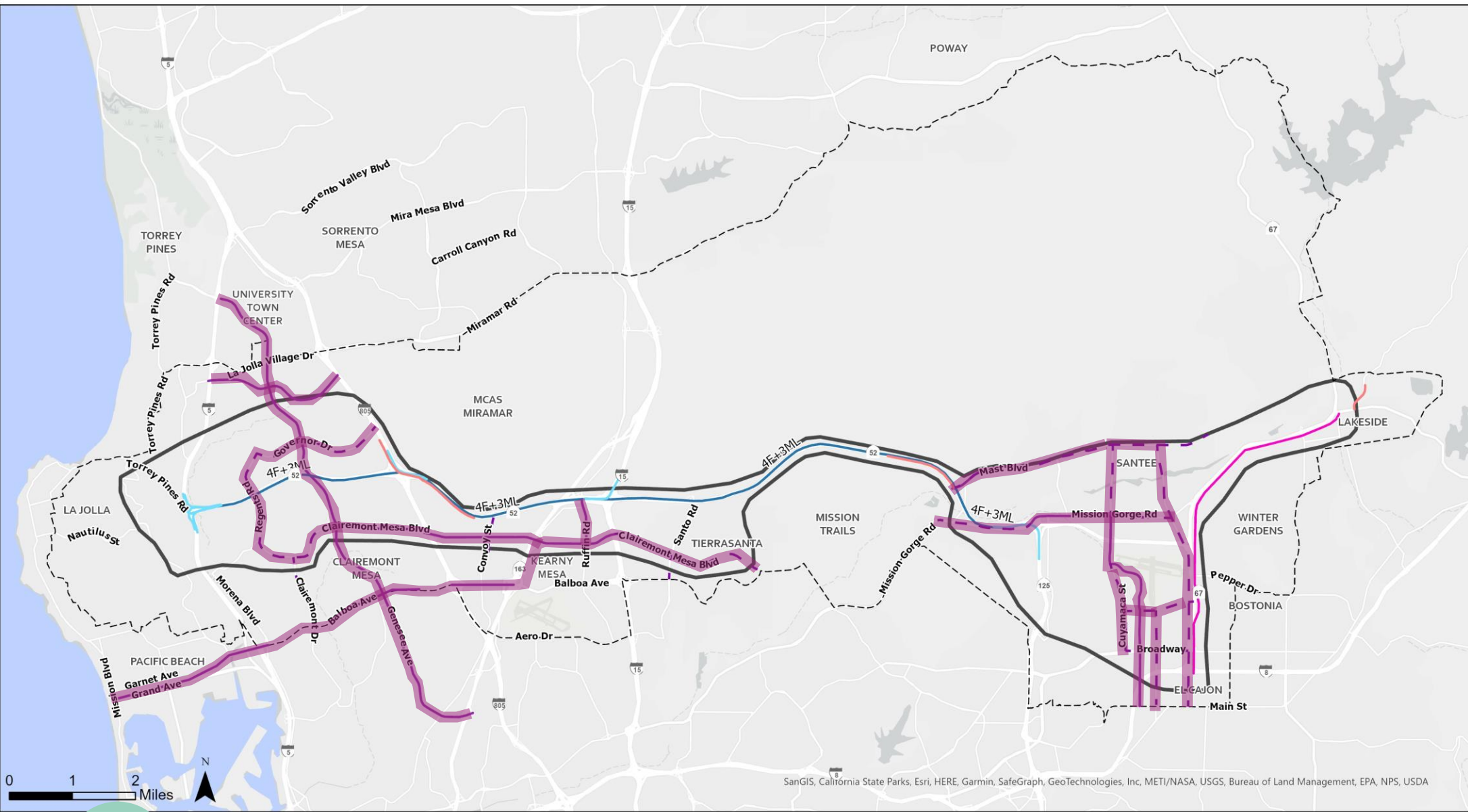
Roadway Corridor Strategies

Roadway Strategies – Key Concepts

Accommodate multimodal improvements & maintain vehicle operations

- Flexible Lanes
- Signal Coordination
- Transit Priority





- Operational Improvements
 - EV Charging
 - Direct Access Ramp (DAR)
- Complete Corridors**
- Evacuation Technology
 - Truck Climbing Lane
 - Managed Lane
 - Managed Lane Connector
 - Auxiliary & Passing Lane
 - Utility Enhancement
 - Digital Infrastructure
 - Safety
 - In-Line Station
 - Flex Lane
 - Smart Intersection
 - Technology Corridor
 - Area of Influence
 - CCT Corridor



Proposed Roadway Corridor Strategies

Freeway and Roadway Summary

- 18** miles of freeway safety improvements
- 13** miles of freeway managed lanes
- 10** new freeway to freeway managed lane connectors
- 4** new freeway operational improvements
- 2** freeway ramps improved
- 17** new roadway improvements

Polling Question:

What do you think are the most important priorities for creating Complete Corridors?
(pick your top three)

- Dedicated lanes for transit
- Protected bike lanes
- HOV lanes
- Incorporation of technology to improve traffic flow
- Dedicated parking and charging spaces for EVs
- Safe routes for pedestrians
- Other

Polling Question:

Are there other highways or streets in the corridor that should be considered for Complete Corridor improvements?

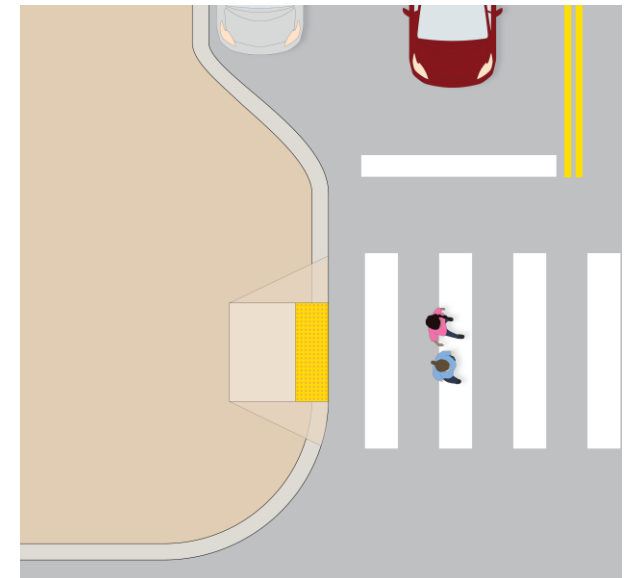
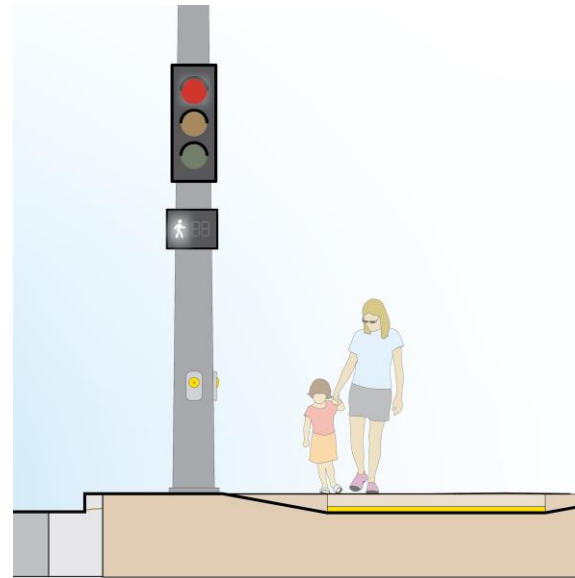
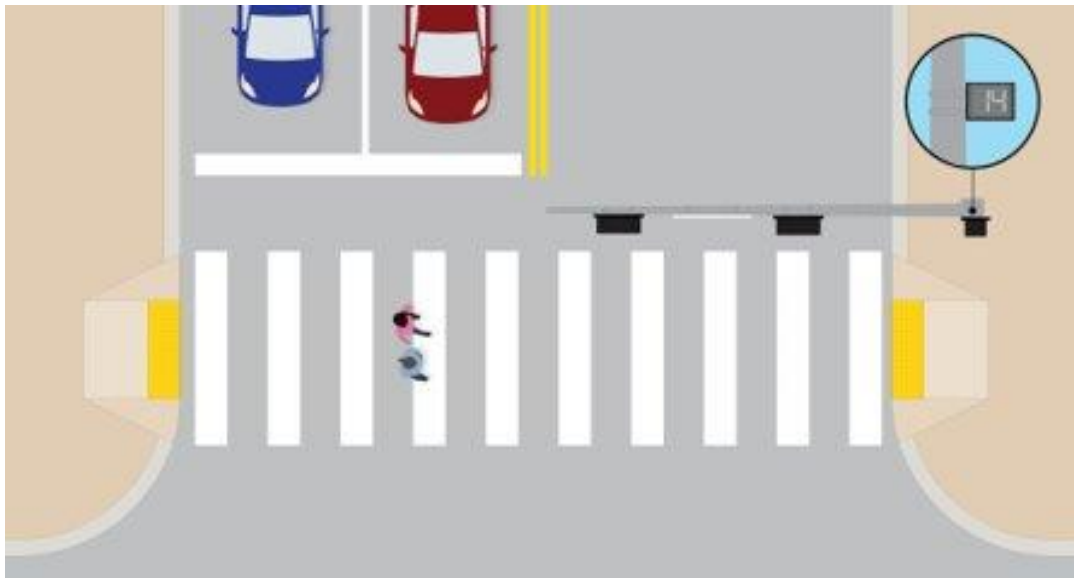
Please type your answer in the Q&A box

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Active Transportation

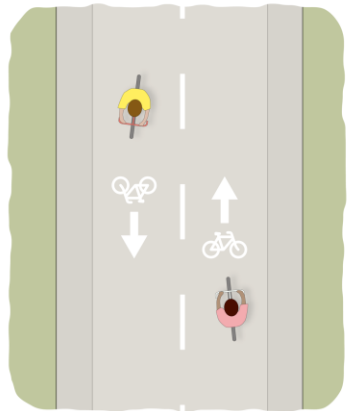
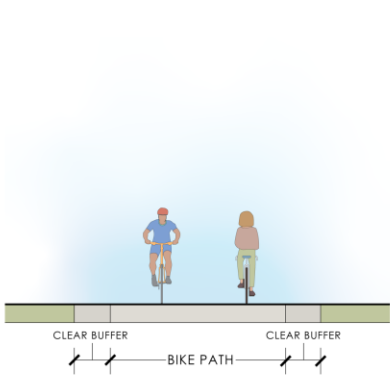
Active Transportation Strategies – Key Concepts

- Crossing enhancements and wider sidewalks in high activity areas

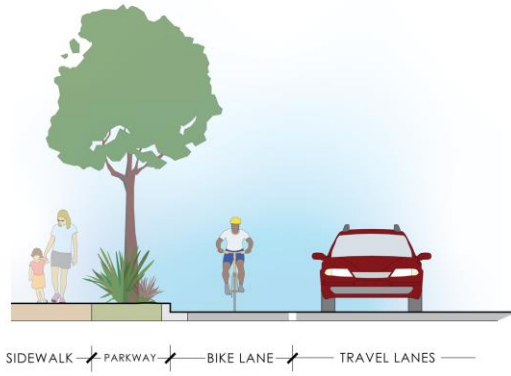


Active Transportation Strategies – Key Concepts

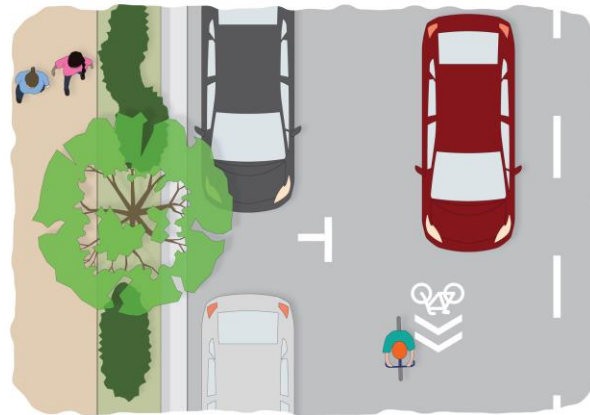
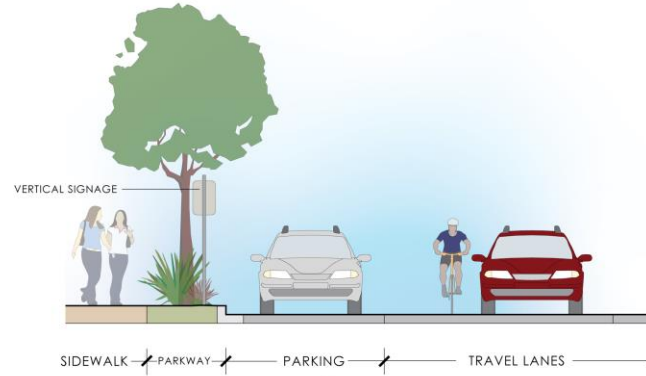
**Class I
Bike Path**



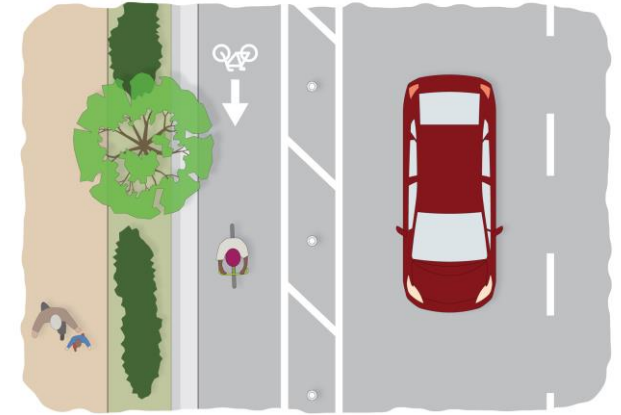
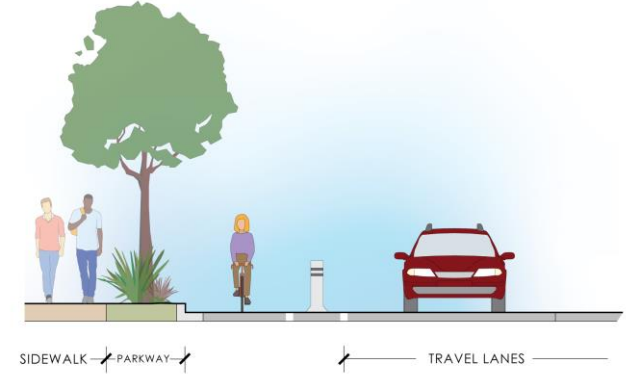
**Class II
Bike Lane**



**Class III
Bike Route**

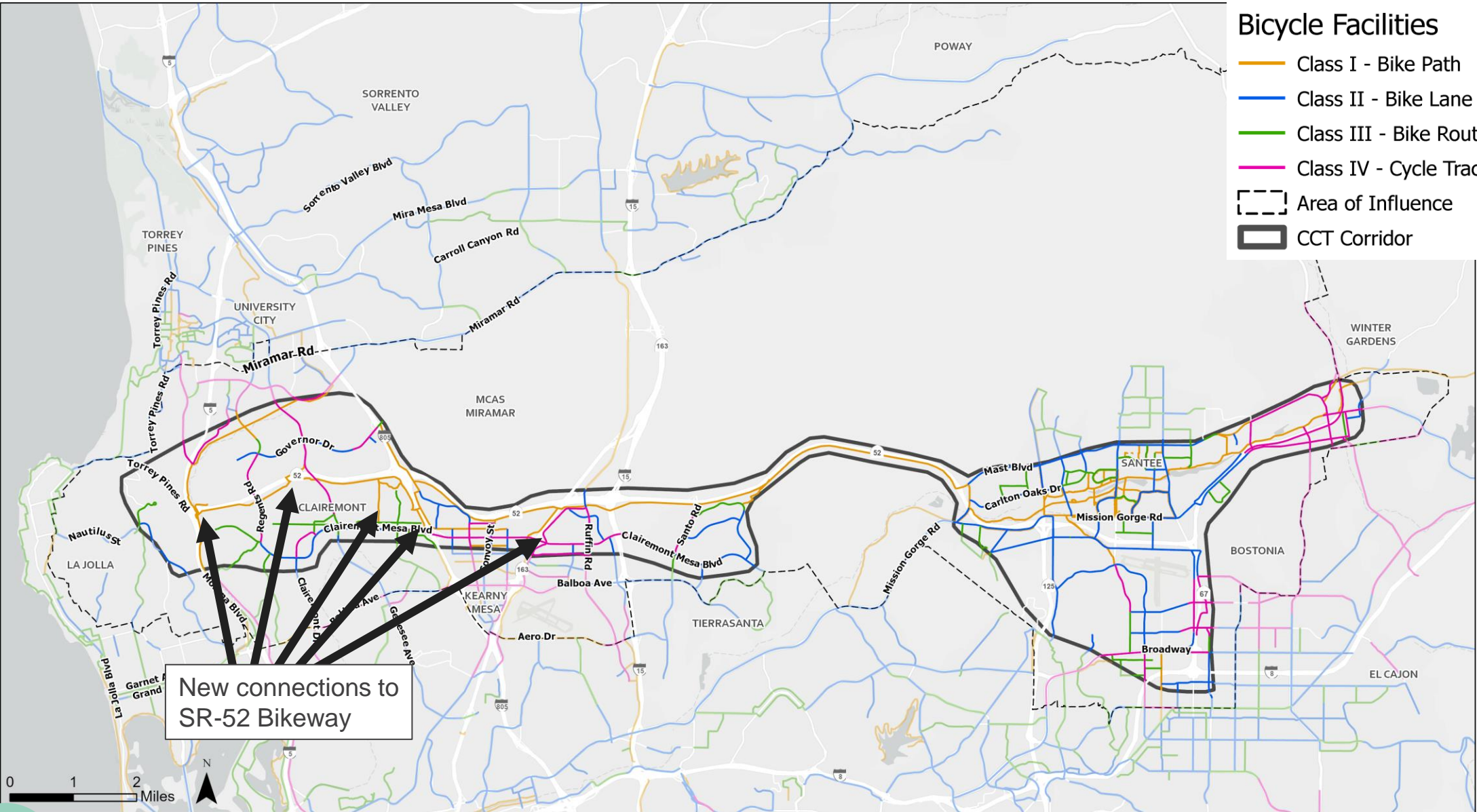


**Class IV
Cycle Track**



Bicycle Facilities

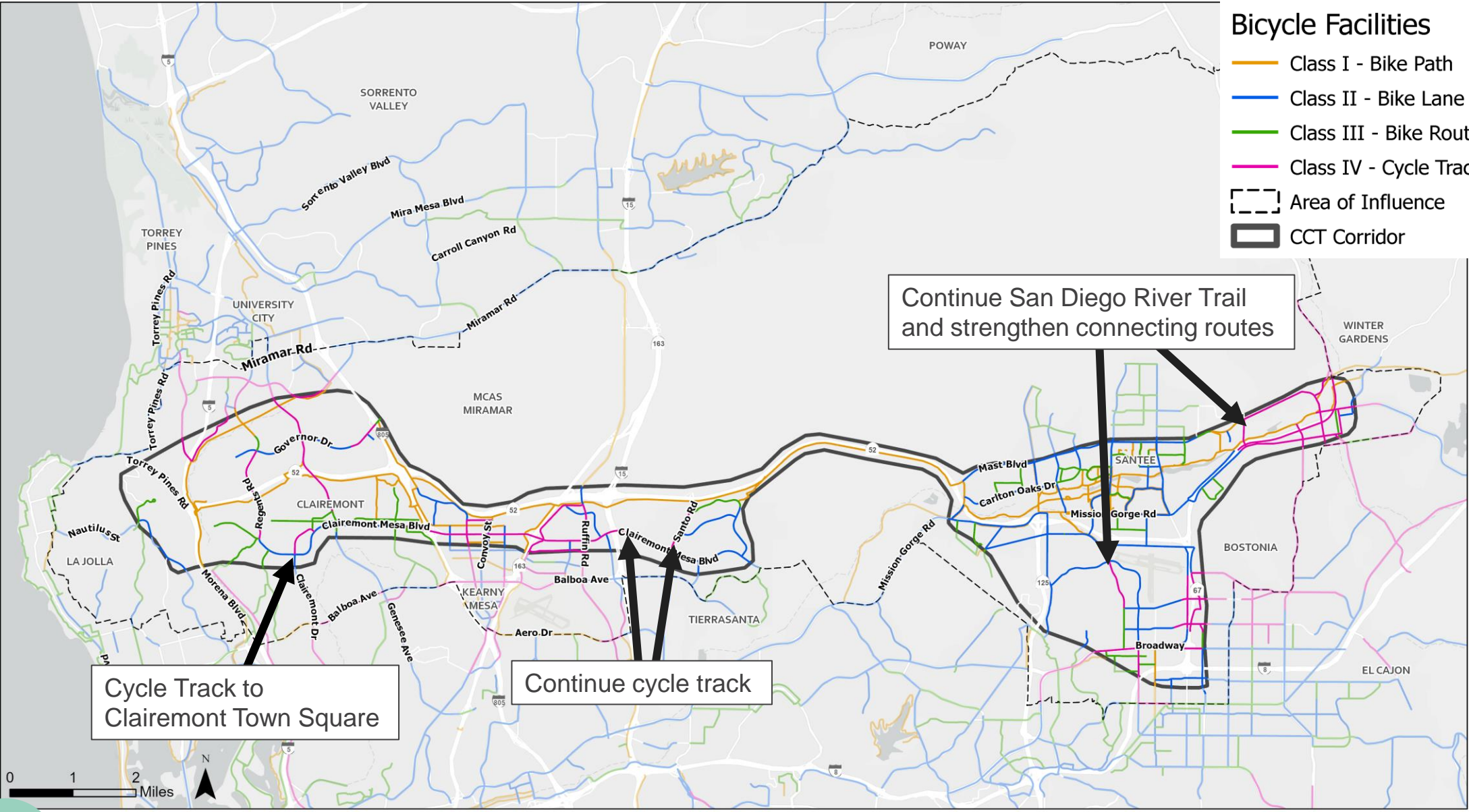
- Class I - Bike Path
- Class II - Bike Lane
- Class III - Bike Route
- Class IV - Cycle Track
- Area of Influence
- CCT Corridor



New connections to SR-52 Bikeway

Bicycle Facilities

- Class I - Bike Path
- Class II - Bike Lane
- Class III - Bike Route
- Class IV - Cycle Track
- Area of Influence
- CCT Corridor



Continue San Diego River Trail and strengthen connecting routes

Cycle Track to Clairemont Town Square

Continue cycle track

Active Transportation Strategies Summary

Class	Existing Miles	Proposed Miles	Change in Miles
Class I – Bike Path	19.3	63.5	+44.2
Class II – Bike Lanes	80.5	71.1	-9.4
Class III – Bike Route	16.1	21.9	+5.8
Class IV – Cycle Track	0	31.4	+31.4
TOTAL	115.9	187.9	+72.0

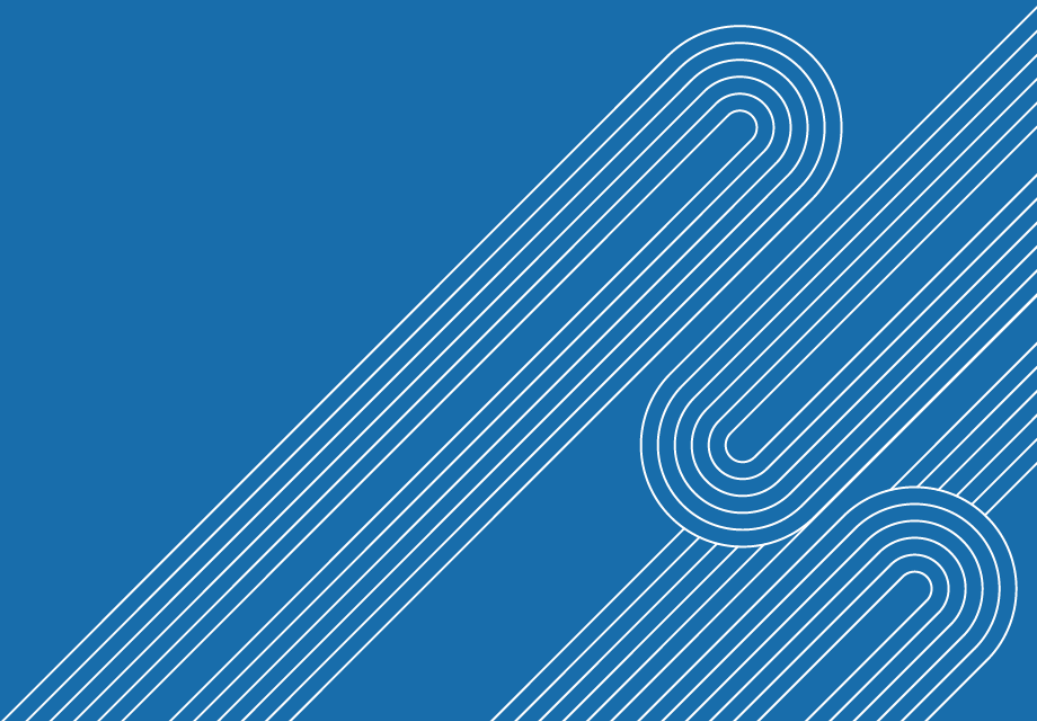
Polling Question:

How well do the proposed active transportation strategies address your concerns?



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Mobility Hubs



Mobility Hubs

Key Concepts

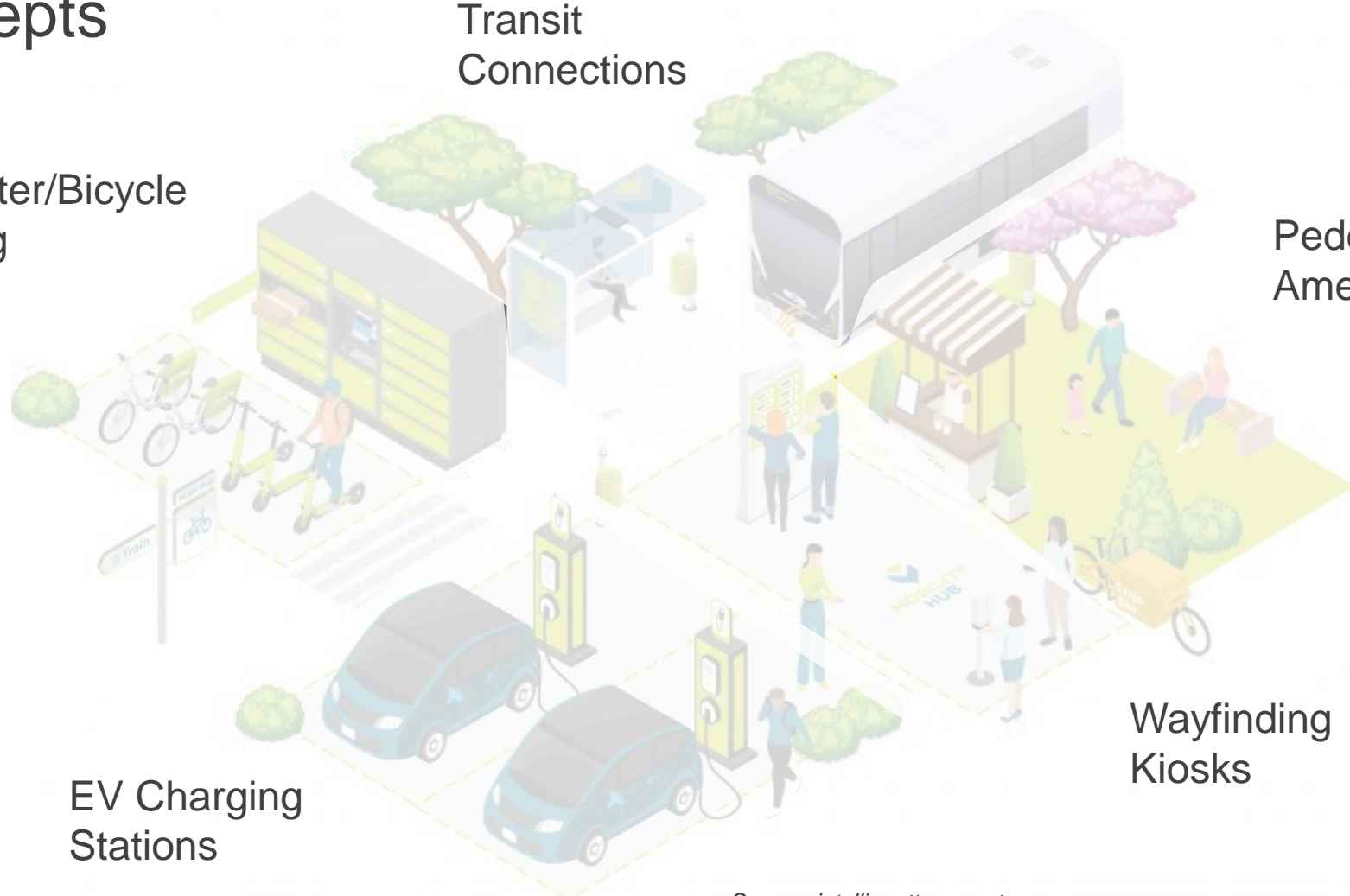
E-scooter/Bicycle
Parking

Transit
Connections

Pedestrian
Amenities

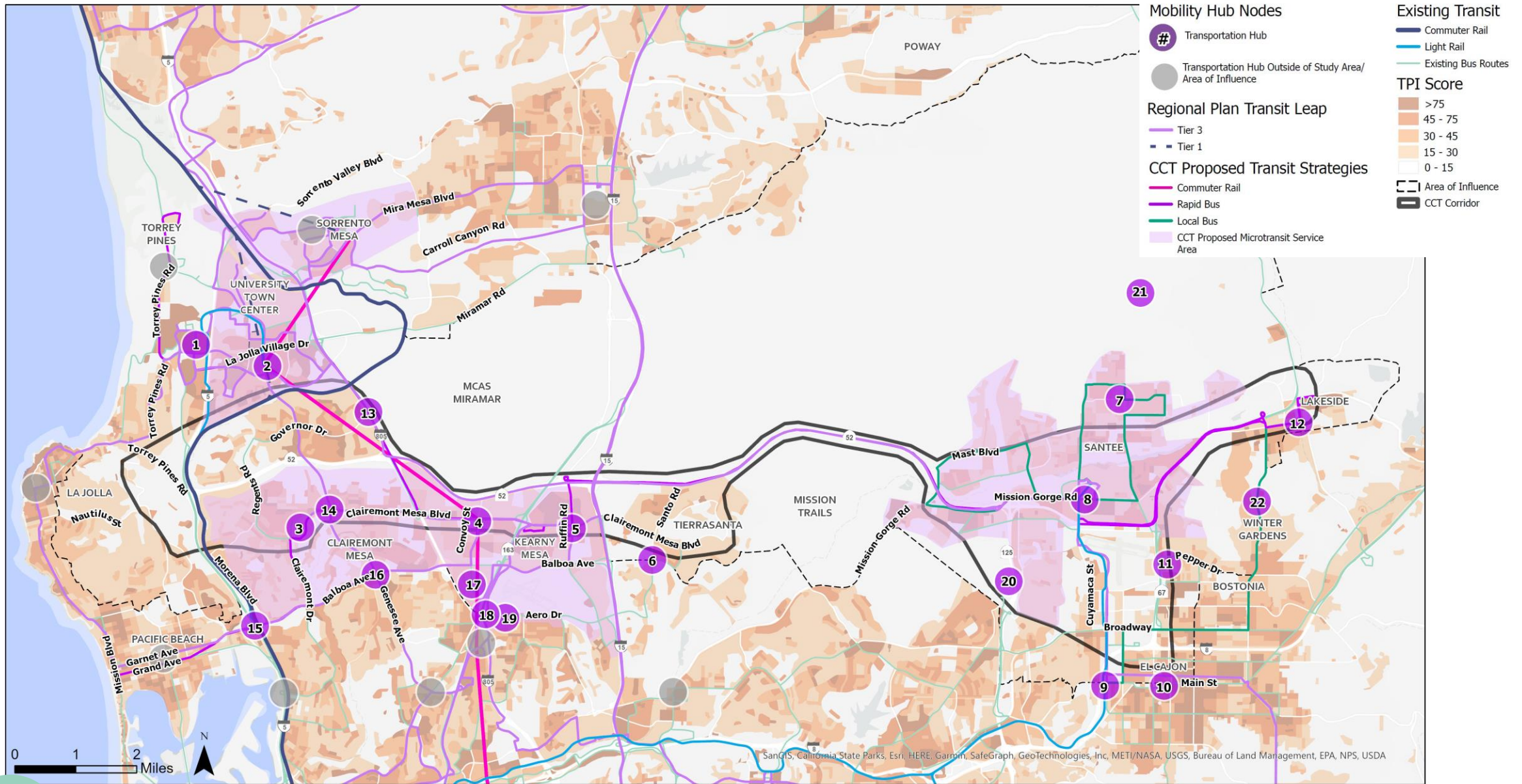
EV Charging
Stations

Wayfinding
Kiosks



Source: intelligenttransport.com





Proposed Mobility Hubs

Mobility Hub Strategies Summary

23 proposed mobility hubs

920 acres of pedestrian improvement areas

14 new electric charging locations

Polling Question:

How well do the **mobility** hub locations meet the travel needs of the corridor?



Polling Question:

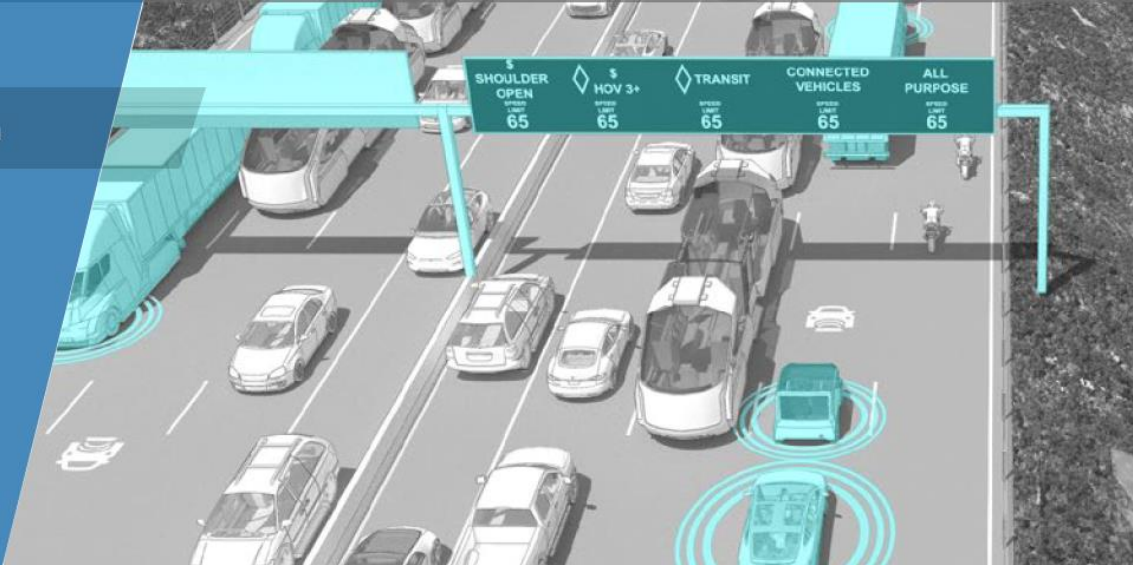
What type of Flexible Fleet options would you use the most?

- Car share (e.g., Zip Car)
- Scooters (e.g., Lime scooters)
- Neighborhood shuttle
- Rideshare (e.g., UberPOOL)
- Bike share (e.g., e-bikes)
- Ridehailing (e.g., Uber, taxi)
- Other

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Technology

Technology – Key Concepts



Technology Strategies Summary

24+ new miles of freeway technology

50+ new miles of roadway technology

21 new features

1 regional digital infrastructure gap removed

Note: Estimated mileage.

Polling Question:

What are the most important issues that transportation technology should be focused on addressing to improve travel throughout the corridor? (pick your top three)

- Provide more HOV lane capacity during congested travel periods
- Give priority to transit vehicles
- Incentivizing transit and alternative travel choices
- Bike/Pedestrian priority signals and detection
- Integrated app for trip planning, booking, etc.
- Real-time information for trip planning
- Real-time information for emergency response
- Other

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Share Your Thoughts

Comments and Survey Feedback

Share Your Feedback With Us

Opportunities to share your opinion



CCT Interactive Map

Use this map to highlight what you like, identify project concerns, make a comment, and provide ideas and suggestions.

START 7 Jun 2021

[See Project Map](#)



SANDAG Proposed Bicycle Transportation Strategies

Active Transportation Strategies

We invite you to share your input on Active Transportation Strategies with us.

START 29 Jun 2022

END 13 Jul 2022

[Take The Survey](#)



SANDAG Proposed Transportation Hub Service Areas

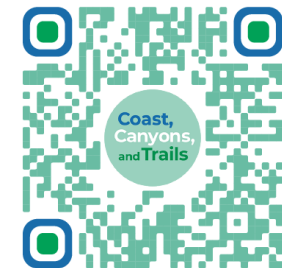
Transportation Hub Strategies

We invite you to share your input on Active Transportation Strategies with us.

START 29 Jun 2022

END 13 Jul 2022

[Take The Survey](#)



Visit sandag.mysocialpinpoint.com/CoastCanyonsTrails or scan to visit the Coast, Canyons, and Trails web page



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Questions and Answers

Next Steps

Summer
2022

Refine the transportation
strategies

Late Summer
2022

Draft CMCP

Fall 2022

Final CMCP

Connect with us

SANDAG and Caltrans
are committed to keeping
communities informed.

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Mimi Morisaki, AICP, SANDAG
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