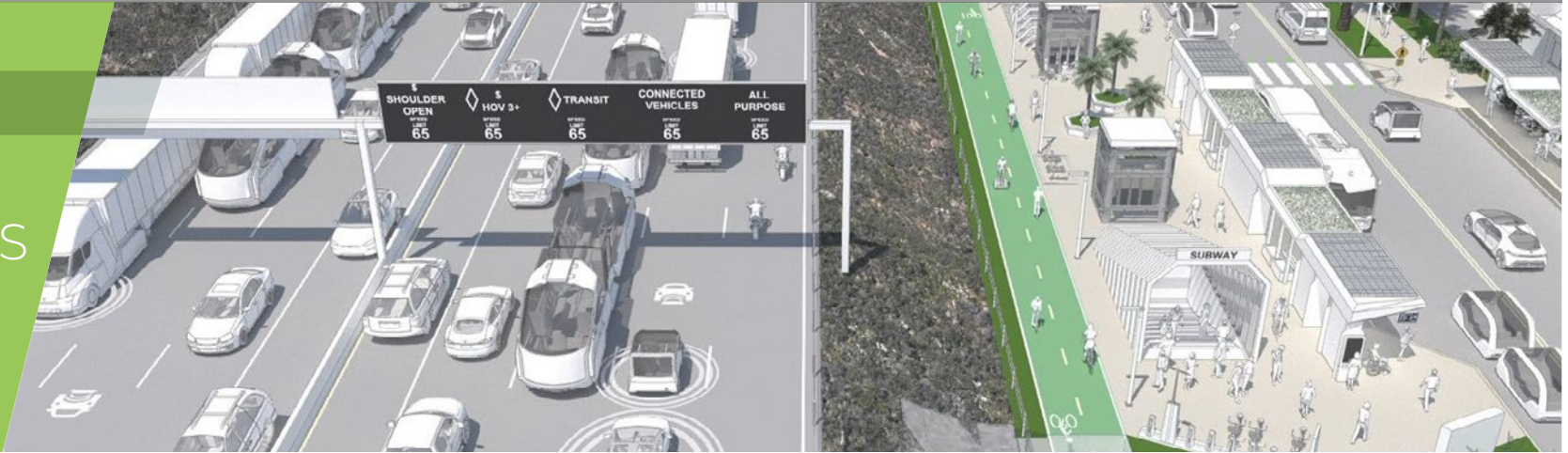


2021 Regional Plan

COMPLETE CORRIDORS



What are Complete Corridors?

Complete Corridors provide a variety of travel choices and use technology to manage how highways and major roads are used in real time. They provide a balance of dedicated, safe space for everyone, including freight vehicles and people who walk, bike, drive, ride transit, and use Flexible Fleets.

What are some key features and benefits?

Managed Lanes

Managed Lanes, such as those along the Interstate 15 corridor, offer priority access to people using transit, carpooling, or vanpooling. People driving alone can access these lanes for a fee. When paired with technology, this can help move more people, reduce traffic congestion, and increase transit ridership.

Active Transportation and Demand Management (ATDM)

Technology enables transportation operators to modify how infrastructure and services are used based on changing traffic conditions. This also allows operators to make more use of existing roads and offers an alternative to costly road expansion. Real-time travel information provided to people helps them to decide how, where, and when to travel to avoid congestion and dangerous driving conditions.

Smart infrastructure and connected vehicles

High-speed communication networks allow connected vehicles, smartphones, and smart roads to share data, which can help reduce collisions, increase network capacity, and improve travel times.

Priority for transit, active transportation, and shared mobility services

Smart intersections, dedicated transit and micromobility lanes, and separate space for people who walk and bike make these ways of traveling safer, faster, and more comfortable. More people choosing shared transportation options leads to better air quality. According to a Federal Highway Administration report, installing protected bike lanes can reduce crashes by up to 50%.

Curb management

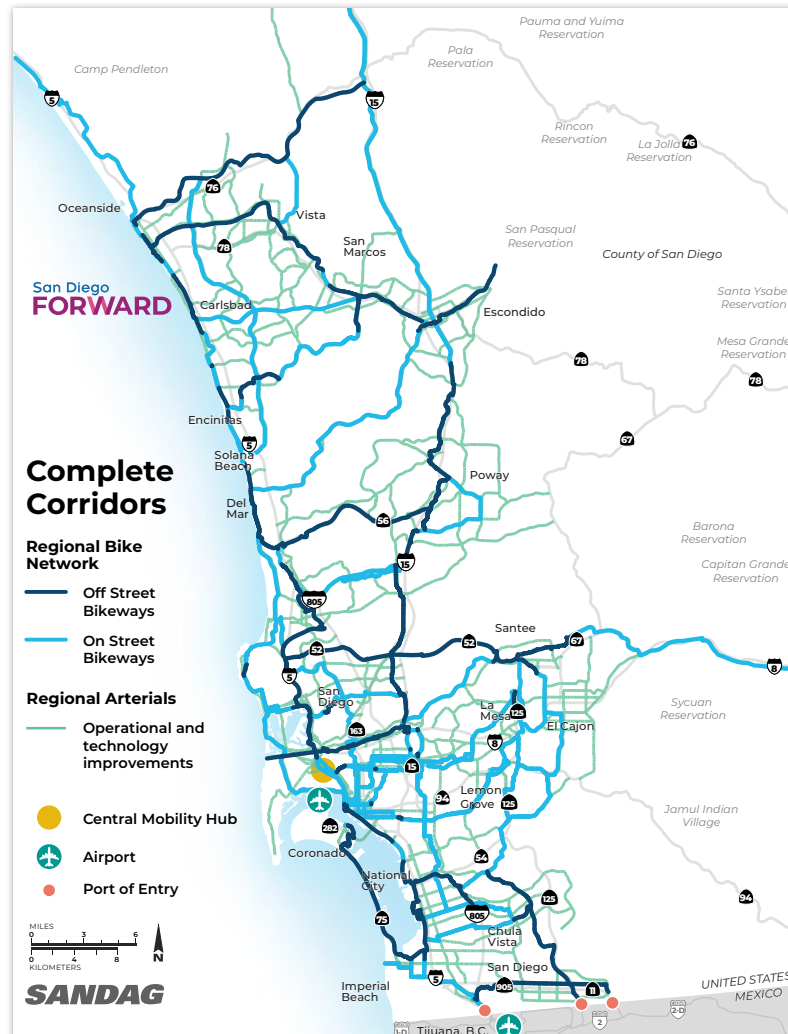
Curb space can be managed to accommodate different uses based on levels of traffic at varying times of the day. This can lead to fewer traffic jams and idling, improve safety, and help meet economic and sustainability goals.

Electric Vehicle (EV) infrastructure

Public charging and hydrogen fueling stations help support California's shift to electric vehicles and a reduction of greenhouse gas emissions.

How is SANDAG planning for Complete Corridors?

SANDAG is planning for a regional network of Complete Corridors on major roads and highways. The proposed network intertwines with the adopted regional bike network to create seamless connections within communities and across jurisdictions. Complete Corridors create a backbone for Flexible Fleets and Transit Leap services by combining infrastructure and technology solutions. The Next OS would unify Complete Corridor management systems and complement the proposed infrastructure improvements to let people choose the travel option that works best for them.



Proposed Highway Network

The proposed Complete Corridors highway network includes a fully integrated Managed Lanes network with supporting freeway connectors. Rural corridor projects include infrastructure and technology improvements for enhanced safety and evacuation.

Major Roads and Bike Network

The regional arterials network includes smart infrastructure and intersection improvements. The adopted regional bike network includes both on- and off-street improvements to create a safe and comfortable space for people to walk, bike, and ride micromobility options.

VISION FOR THE SAN DIEGO REGION

This network could serve as the framework for the 2021 Regional Plan.



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