

2024 State Transportation Improvement Program

Orange County Transportation Authority

What is OCTA?



Complete Streets

- Active transportation
- Signal synchronization
- OC Bridges
- City formula funding
- Local competitive grants funding



Transit

- OC Bus and paratransit
- OC Streetcar
- OC Flex microtransit
- Community-based transit
- Metrolink
- LOSSAN managing agency



Sustainability

- Zero-emission bus
- Air quality initiatives
- Innovative wildlife and habitat mitigation and preservation
- Water-quality grants
- Climate resiliency planning



Highways

- Measure M projects
- HOV lanes
- General-purpose lanes
- Tolled express lanes
- Motorist services

OC Streetcar

OCStreetcar.com

Scope: 4.1 miles connecting Santa Ana transportation center to Harbor Boulevard in Garden Grove

Status: Operations scheduled to begin in **2025**



Zero-Emissions by 2040

Innovative Clean Transit Regulation

- Requires transit agencies to have 100% zero-emission bus fleet by 2040
- Purchase mandates beginning as early as 2023



OCTA Efforts

- One of the largest transit-operated hydrogen fueling stations in the U.S.
- Finalized zero-emission bus roll-out plan
- 10 hydrogen fuel-cell buses and 10 battery-electric buses
- 50 additional zero-emission fleet cars
- 2024 planned procurements include:
 - 40 hydrogen fuel-cell electric buses
 - 10 battery-electric buses
 - 10 battery-electric cutaways/vans
 - Second hydrogen fueling station
 - 10 EV charging stations



Ridership Initiatives

Increased Ridership

- More than 90% pre-pandemic levels

OCTA Efforts

- Renewed College Pass Programs
- Continued Youth Ride Free Program
- Limited-time Savings Pass
- **These three efforts resulted in a 7% increase in boardings**



An advertisement for the Ride Free program for community college students. It features a young man with a backpack smiling against a blue background with various educational icons like a microscope, a calculator, and a graduation cap. The text 'Ride Free* Save Big.' is prominently displayed in white and blue. Below it, 'Community College Students Ride OC Bus Everywhere!' is written in white. At the bottom, there is a call to action: 'Download the OC BUS app to start riding!' with a small icon of the app. A fine print note at the bottom left states '*Registration required. Student fees may apply.'

Coastal Rail Protection and Resiliency



Thank you for your support!

- Local Transportation Climate Adaption Program (LTCAP) award
- Emergency Interregional Transportation Improvement Program (ITIP) funding

Emergency Track Stabilization

- Efforts to quickly maintain service

Coastal Rail Resiliency Study

- Assess erosion conditions
- Ensure ongoing rail operations in while addressing impacts of sea-level rise
- Find viable short, near- and long-range mitigation strategies

I-405 Improvement Project



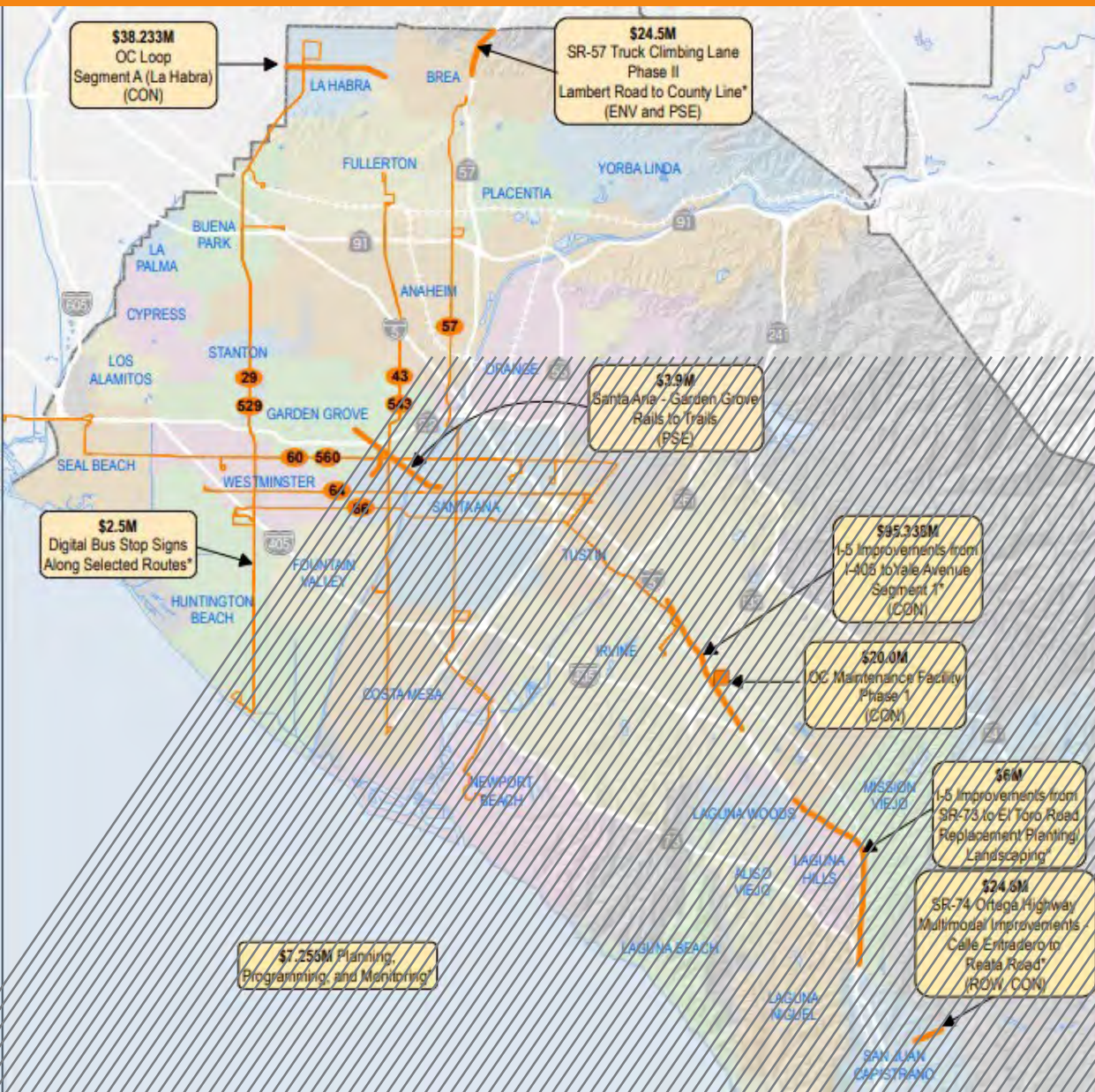
405 Express Lanes and new regular lanes opened to traffic Dec. 1



Scope:

- Primarily within existing right of way
- Two new lanes stretching 16 miles each direction between Costa Mesa and the LA County line
 - One regular lane
 - Creation of 405 Express Lanes
 - *Offers discounts for clean air vehicles and free travel for carpools*
- 18 bridge replacements
- 11 new bike lanes
- 11 new sidewalks
- Improvements to local streets and interchanges
- \$2.16 billion total cost



2024 Proposed STIP Projects



New Proposed STIP Projects	Project Cost	% of STIP
 Transit	\$20 million	32.19%
 Active Transportation	\$42.1 million	67.81%
Total	\$62.1 million	100%

Orange County Maintenance Facility



Located in Irvine



Environmental document approved by OCTA in October 2023

Allows Metrolink trains to be serviced, cleaned and stored locally, instead of having to travel to facilities that are at capacity in other counties.



Ensures Metrolink service continues to run efficiently and accommodates current and future operations.



Supports future Metrolink expansion.



Reduces greenhouse gas emissions.



Reduces operating costs.



Improves on-time train performance.




Gets vehicles off the road and reduces congestion.

OC Loop Segment A - La Habra - Rails to Trails



Widens and upgrades existing bike facilities:

 Closes gap on the 66-mile OC Loop bikeway that connects to important destinations throughout Orange County


 Serves SB 535 disadvantaged communities


Improves user experience:

 Enhances safety

 Improves mobility

 New Class I bikeway/multi-use paths


 3.1 miles


 Construction phase

OC Connect Santa Ana – Garden Grove Rail to Trails







New Class I
bikeways


3.1 miles plus
0.85 miles
along the
Wintersburg
Channel


Plans,
specifications
and estimates
(PS&E) phase

Improvements include:

-  Upgrades safety features at 13 intersections
-  Provides separation from high-speed vehicles
-  Serves SB 535 disadvantaged communities

Improves user experience:

-  Enhances safety
-  Improves mobility



