

I-105 ExpressLanes Project



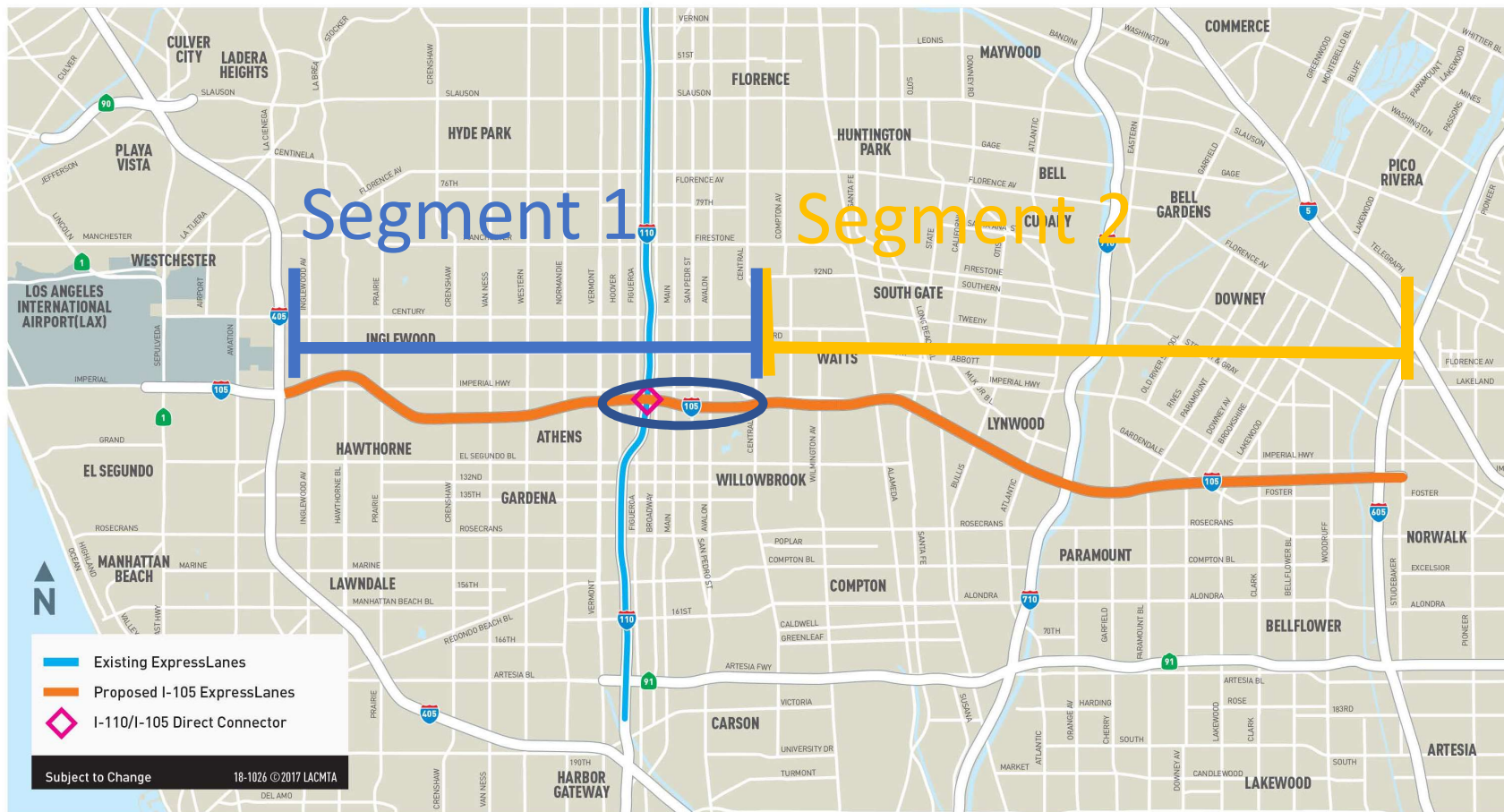
Project Overview



Project Overview



The project limits for the ExpressLanes project on I-105 are between the I-405 & Studebaker Road



Studies To Date/Project Purpose and Need



- Final Environmental Impact Report/ Environmental Assessment (EIR/EA) certified on 5/12/21 by Caltrans
 - > Final Environmental Document can be found at metro.net/105expresslanes
- Purpose and Need:
 - > **Enhance** operations and improve trip reliability and travel times
 - > **Improve** traffic flow
 - > **Sustain** and **proactively manage** mobility within the corridor

Proposed Alternatives & Preferred Alternative



- Alternative 1 Existing Conditions (No Build)
- Alternative 2 Convert High-Occupancy Vehicle(HOV) lane to one (1) ExpressLane

Alternative 3 Convert HOV lane to one ExpressLane and add a second ExpressLane (non-standard lane widths)

Alternative 4* Convert HOV lane to one ExpressLane and add a second ExpressLane (standard lane widths)
(Eliminated)

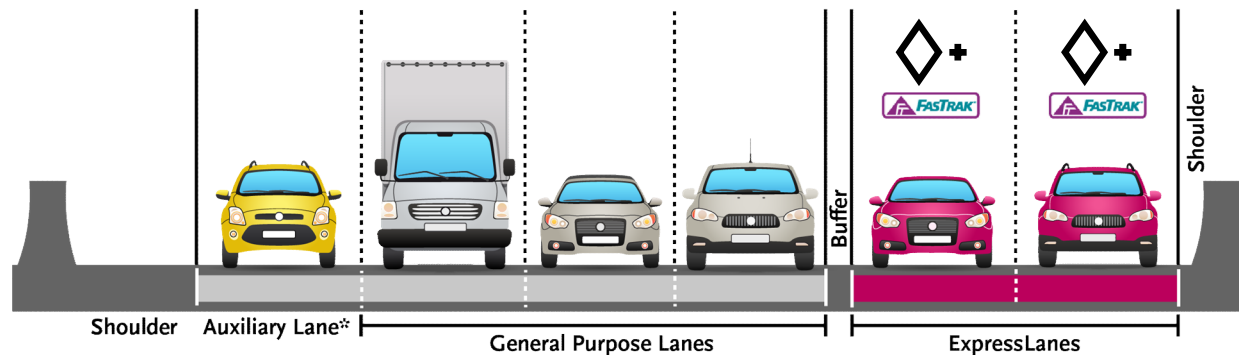
Preferred Alternative

- Alternative 3 has been selected as the Preferred Alternative because it would better satisfy the Purpose and Need of the project compared to Alternatives 1 and 2.

*Alternative 4 was initially considered, however it was eliminated from further consideration as it would have resulted in unavoidable, significant environmental impacts.



Alternative 3: Two (2) ExpressLanes



*Note: Auxiliary Lane is only in certain locations on I-105.

- > Convert existing HOV lane to one (1) ExpressLane and add a second ExpressLane in each direction
- > Non-standard lane and shoulder widths (lane would be reduced from 12 ft to 11 ft)
- > Structure widenings, new soundwalls, weave lanes, new auxiliary lanes
- > Add ExpressLanes toll equipment, signage, pavement markings

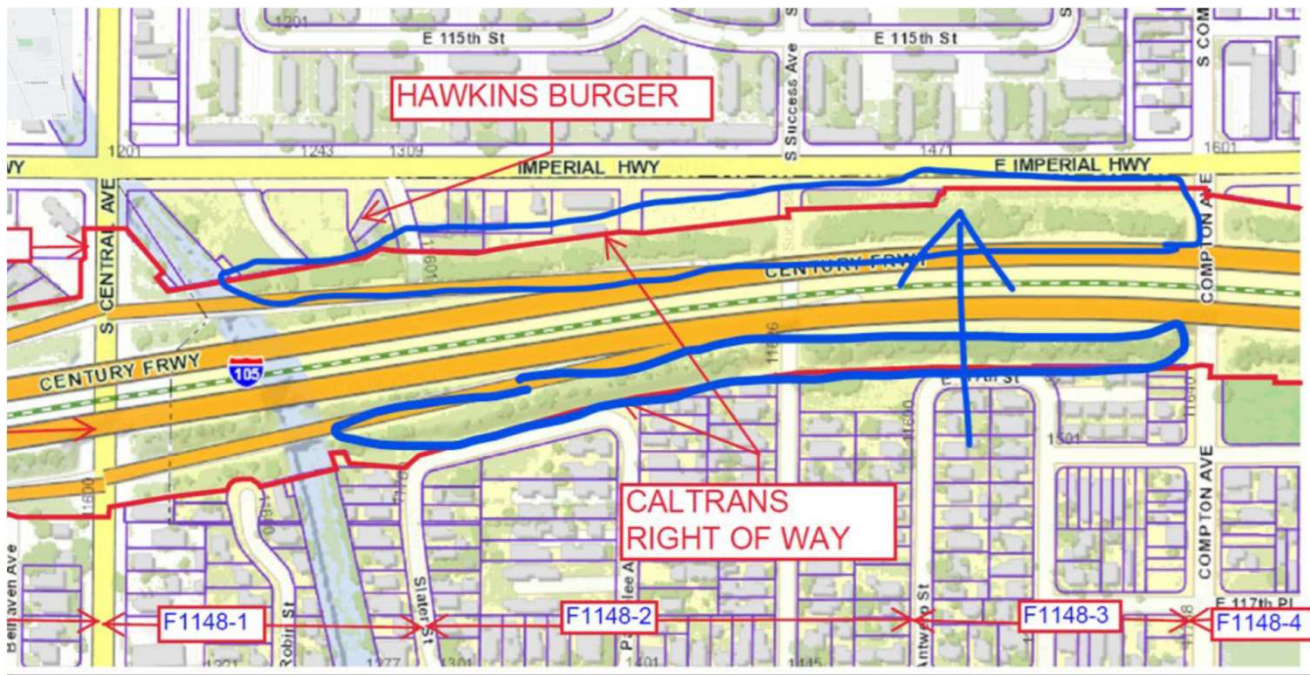
Segment 1 Project Elements between Vermont and Central Ave.



- Widening
 - > On both the north and south side of I-105 between Vermont and Hoover Streets and between Main Street and Central Avenue, freeway will be widened by between 6 to 17 feet (varies)
 - > Structures to be widened:
 - Hoover Street
 - Main Street
 - San Pedro Street
 - Avalon Blvd.
 - Stanford Avenue
 - Central Avenue
- Existing soundwalls will be reconstructed and new soundwalls will be constructed
- All project elements are in the existing Caltrans right of way; **No right of way acquisition needed**

- In the Westbound direction (north side of freeway), soundwalls will be between Main Street and Central Avenue
 - > Existing soundwall between Avalon Blvd. and Wadsworth Avenue and will be extended from Avalon Blvd. to Main St., and from Wadsworth to Central Avenue
 - > Height of new soundwalls will be 16 feet
- In the Eastbound direction (south side of the freeway),
 - > Existing soundwalls will be reconstructed (Main Street to San Pedro Street, Avalon Blvd. to Stanford Avenue, and Wadsworth Ave. to Central Avenue)

I-105 Willowbrook Beautification Proposal



- As part of the Clean California program, Caltrans is proposing to construct a linear park on Caltrans right of way between Central Ave. and Compton Ave.
- Park elements could include landscaping, walking trails, and decorative lighting

Sample Linear Park



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Project Funding



- The project has \$175 million in Measure M local sales tax funding
- In December 2020, this project was awarded a \$150M Solutions for Congested Corridors Program (SCCP) grant by the California Transportation Commission
 - Funded by SB 1
- The funding gap could be funded by obtaining a loan or bond against future toll revenue

Project Cost (2025)	\$676,000
SCCP funds	\$150,000
Measure M Funding	\$175,000
Loan or bond	\$351,000
in Thousands of Dollars	

Next Steps for the I-105 ExpressLanes



- Design project
 - Design for the first segment between I-405 and Central Avenue is in progress
 - Design between Central Avenue and Studebaker Road (City of Norwalk) will begin Summer 2022
- Project is expected to begin construction in early 2024 between I-405 and Central Avenue
- Construction between Central Avenue and Studebaker Road expected to begin late 2024/early 2025
- Construction for entire project expected to be completed in early 2028