

# Construction Network

## Transportation Corridor Agency Project Updates



# Forward Thinking & Innovation

*Transportation Corridor Agencies*

- TCA was formed 30+ years ago to address Orange County's:
  - Exploding population
  - Worsening traffic congestion
  - Shrinking government transportation funds
- *Different solution* for planning, financing, constructing and operating transportation improvements
- A partnership with county and city officials took innovative governmental techniques and fashioned them into a unique transportation model





# Background

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- 1986 State Legislature authorized the creation of the TCA
- TCA Boards of Directors comprised of Orange County local elected officials
  - 17 Cities
  - 3 Supervisor county districts
- Authority to collect tolls obtained from State legislature in 1987

*Transportation Corridor Agencies*

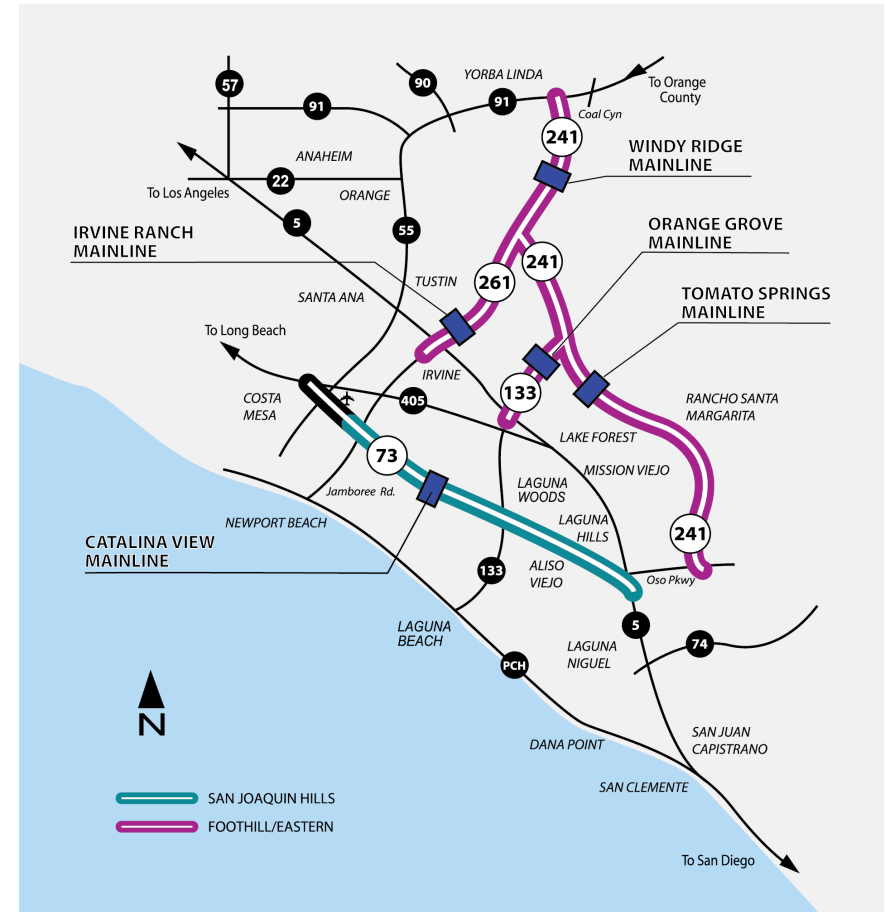


# The Toll Roads

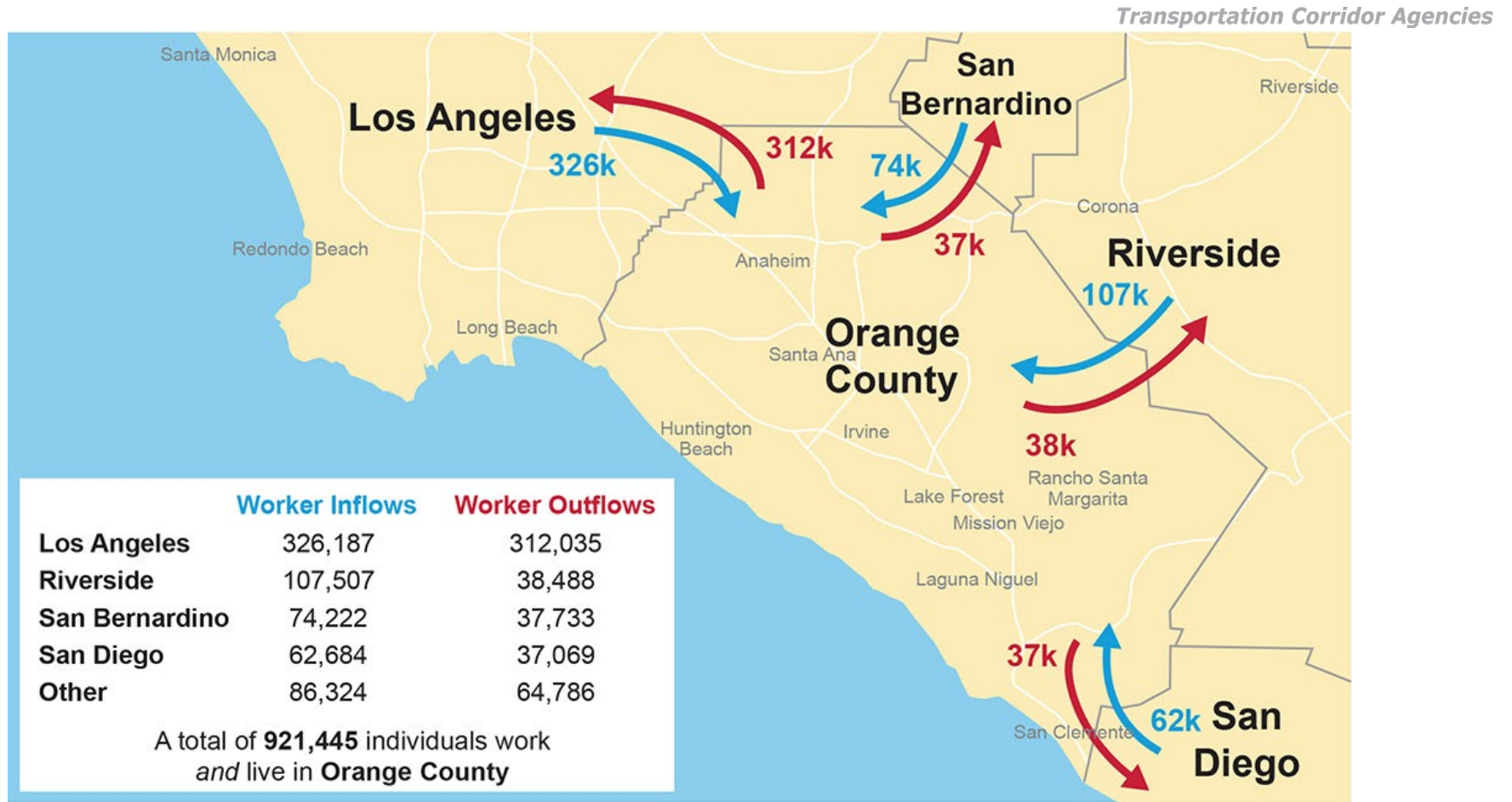
- 51 miles open
- 20 percent of OC freeway system
- Over 300,000 transactions per day
- Over \$300M annual toll revenue
- Over 2M customer accounts
- Built parallel to OC's congested I-5, I-405 and SR-55 freeways
- Provides a transportation system of redundancy, safety & reliability



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# Mobility Challenges From Outside Orange County



# Orange County without The Toll Roads

## Top Ten Busiest Interstate Freeways Including OC Freeways (without The Toll Roads)

1	400,000	I-5	Mission Viejo
2	374,000	I-405	Los Angeles
3	370,000	I-405	Irvine
4	335,000	SR-55	Orange
5	329,500	I-90	Chicago
6	328,000	I-95	Miami
7	328,000	I-110	Long Beach
8	310,000	I-45	Houston
9	300,000	I-605	Long Beach
10	300,000	I-80	San Francisco

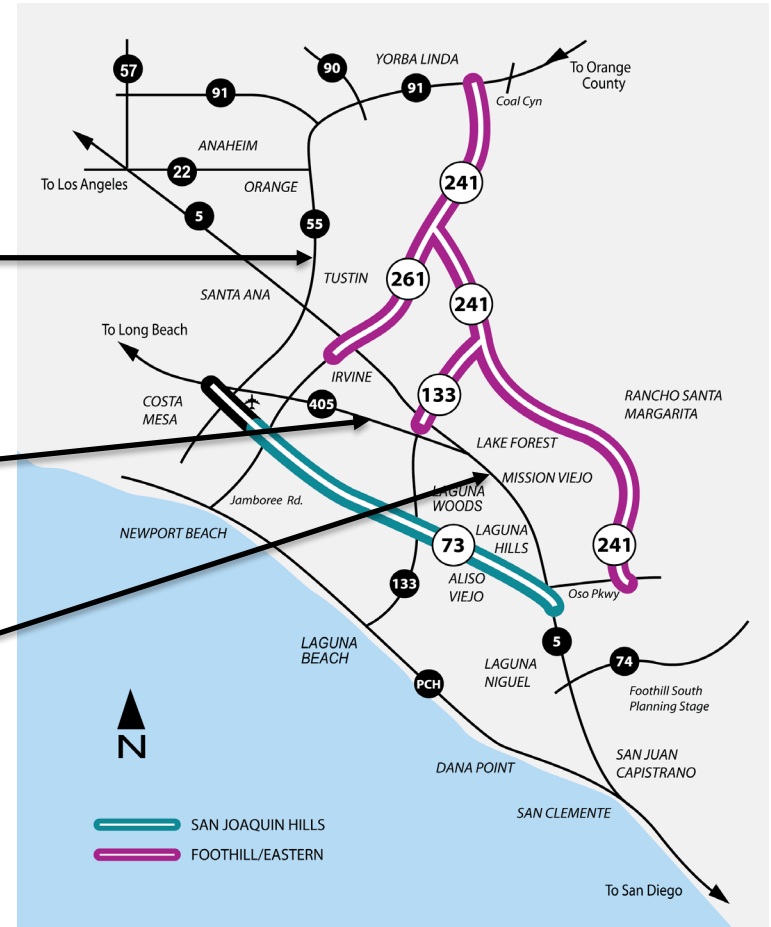
## With Toll Roads Without Toll Roads

**SR-55**  
280,000  
335,000

**I-405**  
290,000  
370,000

**I-5**  
355,000  
400,000

## Transportation Corridor Agencies



# Projected Growth

Transportation Corridor Agencies

## Demographic Growth (2019-2045)

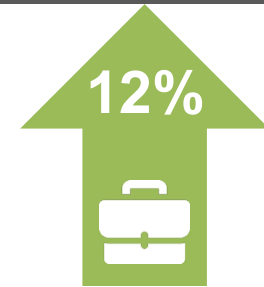
	Population	Housing	Employment
2019	3,250,357	1,057,355	1,760,986
2045	3,534,620	1,154,416	1,980,433
<b>Total Change</b>	<b>+284,263</b>	<b>+97,061</b>	<b>+219,447</b>



Population



Housing



Employment



# Designing for the Environment

*Transportation Corridor Agencies*

- 2,000 acres of Mitigation lands.
- Restoring and preserving Orange County's open spaces and natural habitats
- Integrating roadways with the surrounding environment





# Planned Projects

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*Transportation Corridor Agencies*



**F/ETCA**

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241/91  
Express Connector



**F/ETCA**

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SR 241 Loma  
Segment Improvements



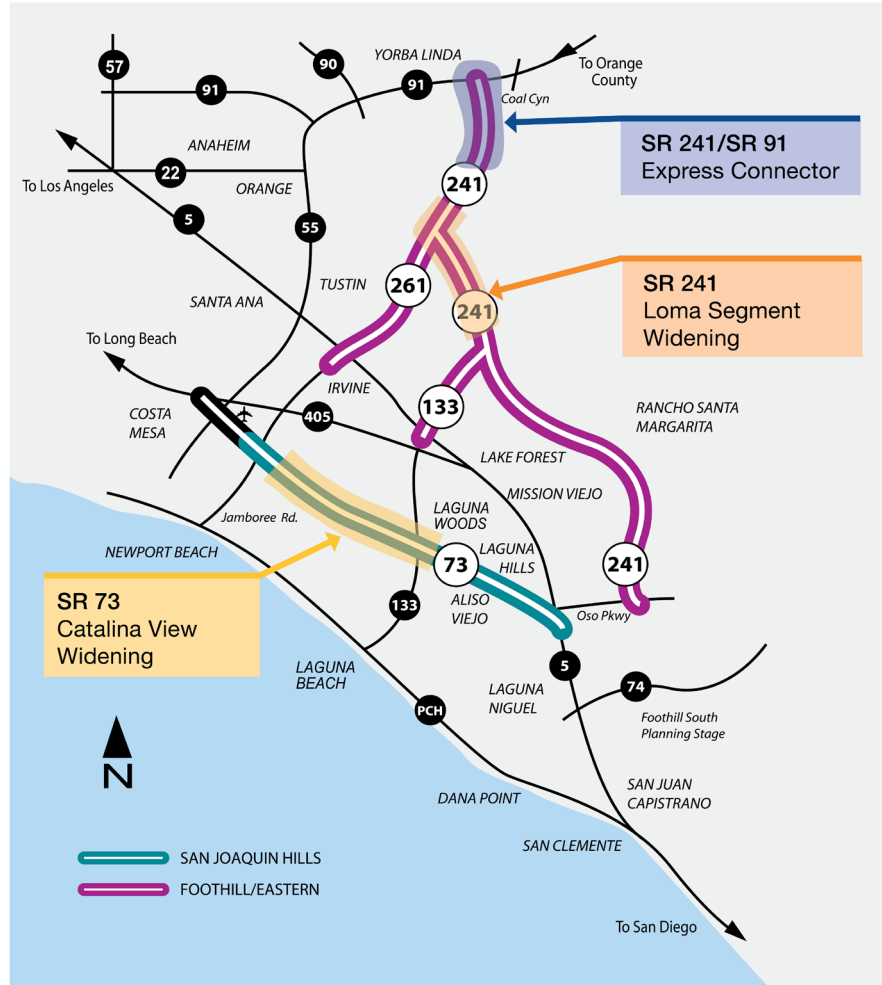
**SJHTCA**

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SR 73 Catalina View  
Traffic Improvements

# Planned Projects

Transportation Corridor Agencies



- SR 241/SR 91 Express Connector
- SR 241 Loma Segment Widening
- SR 73 Catalina View Traffic Improvements

# 241/91 Express Lanes Connector

*Transportation Corridor Agencies*

- Median-to-median connector providing direct access into the SR 91 Express Lanes
  - Estimated Cost \$380M
- Improves general purpose lanes on SR 91 by reducing weaving from GP connector.
- Enhances safety and reduces delay SR 91



MILESTONE	DATE
Final Environmental Document Completion	January 2020
Final Design Completion	Dec 2022
Construction Begins	Late 2023
Express Connector Opens	Late 2026



# SR 241 Loma Segment Widening

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*Transportation Corridor Agencies*





# SR 241 Loma Segment Widening

*Transportation Corridor Agencies*

- 6 miles from SR 133 to SR 261
- Adds (1) Lane each direction
- Constructs (3) new Southbound roadway lanes on rough graded area.
- Reconfigures existing Northbound pavement to provide for (4) NB lanes



<b>MILESTONE</b>	<b>DATE</b>
Project Report/Env Document	Completed 2011
Final Design	2025
Construction Begins	Late 2027
Widening Completed	2029

# SR 73 Looking South from Catalina View

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# SR 73 Catalina View Widening

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- 4.5 miles from SR 133 to Newport Coast Drive
- Adds (1) Lane each direction
- Currently in the Planning Phase (Combined PSR/PR)
- Provides a fourth lane each direction through the Catalina View Toll Plaza



MILESTONE	DATE
Combined PSR/PR	2024
Final Design	2026
Construction	2028-2029

# Procurement Opportunities

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*Transportation Corridor Agencies*

- All Procurements through PlanetBids
- 241/91 Express Connector:
  - Construction Management: Summer-2022
  - Construction Contract (Caltrans AAA): Spring-2023
- On Calls: (Design/Traffic/Environmental) -(completed 2020)
- Strategic Plan – next 7 years

# Future Contracting Opportunities



Transportation Corridor Agencies

Project Name / Project Phase	PA/ED	PS&E	CEM	CONST
SR 241/91 Express Connector	Completed	In progress	2023	2023 - 2026
SR 241 Loma Segment Widening	Completed	2025*	2027	2027-2029
SR 73 Catalina View Widening	2022*	2024	2026	2026-2028

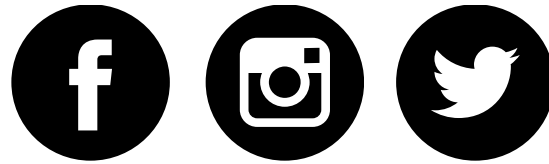
\* Design for 241 Loma Segment and PA/ED for SR73 Catalina View are anticipated to be performed using TCA's Design & Environmental On-call Bench Firms



# Stay Connected

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