

Appendix 1: Fact Sheets



Implementing Agencies

Orange County Transportation Authority &
Southern California Regional Rail Authority

Summary of Project Scope

The Stabilize Rail and Bus Operations Project (Project) maintains Metrolink and OC Bus service levels, supports future OC Streetcar operations, and implements innovative system-wide transit improvements. The project includes five transit components:

- Maintain Metrolink Commuter Rail Service
- Support OC Streetcar operations
- OC Bus operations and connections to OC Streetcar
- Open Payment System and Smart Fareboxes
- Harbor Boulevard Dynamic Bus Lane

The Project supports needed transit service especially for Orange County's disadvantaged communities. The project will maintain current service levels by funding fare revenue losses, support new OC Streetcar service operations, and connecting OC Bus service. Additionally, the project will support transit innovations to modernize OC Bus that are consistent with the California Integrated Travel Project (Cal-ITP) and advance rapid-bus concepts.

The Project will increase system-wide transit ridership, increase transit network efficiencies, reduce greenhouse gas emission, and reduce vehicle miles travelled.

Project Schedule	Date
Begin Environmental (PA&ED)	7/1/2026
End Environmental (PA&ED)	6/1/2027
Begin design (PS&E)	9/1/2027
End design (PS&E)	12/30/2028
Begin Construction Phase (Design-Build)	12/23/2028
End Construction Phase (Design-Build)	12/30/2029
Begin Operations Phase	7/1/2023
End Operations Phase	6/30/2029
Begin Closeout Phase	7/1/2028
End Closeout Phase (Closeout Report)	12/30/30

Stabilize Rail and Bus Operations						
Project Funding						
Project Phase	Total Cost	Funding Sources and Amounts (\$1,000)				
		SB 125 TIRCP	SB 125 ZETCP	Federal	State	Local
Environmental (PA&ED)	2,500	2,500				
Design (PS&E)	2,600	2,600				
Construction	26,500	26,500				
Operating Subsidy	507,373	179,380	21,380	101,309	15,285	190,019
Total	538,973	210,980	21,380	101,309	15,285	190,019
Federal includes CMAQ and FTA Section 5307 and 5339. State includes LCTOP. Local includes Fares, City Revenues, M2 local sales tax, and Dispatching, Maintenance of Way and Other Revenues						

Fact Sheet | Construction Critical Rail Infrastructure

New TIRCP Project



Implementing Agencies

Orange County Transportation Authority &
Southern California Regional Rail Authority

Summary of Project Scope

The Critical Rail Infrastructure project (Project) supports safe and reliable Metrolink commuter rail service on the OCTA-owned Orange Subdivision along the LOSSAN Corridor and Olive Subdivision. Orange County Metrolink service total ridership is currently approximately 2 million annually. The Project will also benefit Amtrak Pacific Surfliner service with approximately 1.5 million in annual ridership by providing needed safety and reliability improvements along the LOSSAN corridor. The project includes three components:

- Rail Track and Structures
- San Juan Creek Bridge Replacement
- Orange County Maintenance Facility

The Project will replace, rehabilitate, and construct improvements at rail stations, bridge structures, grade crossings, and track work. The project will replace an existing 106-year-old bridge that no longer meets expected load rating and requires frequent maintenance to support safe freight and passenger traffic. Additionally, the project includes an existing Transit Intercity Rail Capital Program funded project that will support efficient rail operations and potential Metrolink service increases.

The project is expected to reduce greenhouse gas emissions, support ridership increases, and support regional rail connectivity between Orange County, Los Angeles, Inland Empire, and San Diego.

Project Schedule

Project Schedule	Date
Begin Environmental (PA&ED) Phase	12/1/2015
Begin Right of Way Phase	4/1/2020
End Right of Way Phase (Right of Way Certification Milestone)	1/30/2023
Begin Construction Phase	1/30/2023
End Construction Phase (Construction Contract Acceptance Milestone)	12/30/2028

Project Funding

Project Phase	Total Cost	Funding Sources and Amounts (\$1,000)				
		SB 125 TIRCP	FTA Sec 5337	SB1 SGR	Local M2	Other ¹
Right-of-Way	1,438				1,379	59
Construction	269,365	103,454	158,513	5,578		1,820
Total	270,803	103,454	158,513	5,578	1,379	1,879

¹Other funds = \$59 TSSSDRA + \$907 CMAQ + \$913 Earmark = \$1,879

Fact Sheet | Deploy Zero Emission Buses and Clean Energy

New TIRCP Project



Implementing Agency

Orange County Transportation Authority

Summary of Project Scope

The Zero Emission Buses and Clean Energy project (Project) supports sustainable and environmentally conscious transportation related initiatives to reduce greenhouse gas (GHG) emissions. The Project will enable OCTA to establish a greener and more environmentally responsible public transportation system. The Project includes five components:

- Canopy Solar at Bus Bases (engineering)
- Purchase of Ten 40 Ft. Zero Emission Buses
- Purchase of Six 60 Ft. Zero Emission Articulated Buses
- Rooftop Solar installation at Bus Bases
- Construction Circle Bus Base Zero Emission Upgrade

The Project will install solar canopies and rooftop solar panels at OCTA bus bases and operations centers, purchase zero emission buses, and install battery-electric chargers for a net reduction in GHG emissions of 50,066 MTCO₂ e. The Project helps ensure OCTA can continue to transition to zero emission by 2040 by supporting the operation of zero emission buses and installing clean energy infrastructure. This transition also allows a reduction in operating costs and the future deployment of zero emission buses and clean energy technology.

Project Schedule	Date
Begin Design (PS&E) Phase	9/30/2024
End Design Phase (Ready to List for Advertisement Milestone)	9/30/2025
Begin Construction Phase (Contract Award Milestone) Design-Build	9/30/2024
Begin Construction Phase (Contract Award Milestone)	9/30/2025
End Construction Phase (Construction Contract Acceptance Milestone)	6/30/2026
Begin Closeout Phase	7/1/2026
End Closeout Phase (Closeout Report)/ Bus Acceptance	12/30/2028

Project Funding			
Project Phase	Total Cost	Funding Sources and Amounts (\$1,000)	
		SB 125 TIRCP	
Design (PS&E)	2,000	2,000	
Construction	37,240	37,240	
Total	39,240	39,240	