

## **Orange County Transportation Authority Federal Transit Administration Program of Projects Description**

Included herein are project descriptions for all projects referenced throughout the federal fiscal year (FFY) 2024-25 Federal Transit Administration (FTA) Program of Projects staff report and its attachments.

### **Preventive Maintenance**

The OC Bus preventive maintenance costs include all maintenance costs related to maintaining buses, fixed-route infrastructure equipment and facilities, salaries, and benefits of maintenance personnel, as well as building and vehicle repair. Preventive maintenance is funded through FTA 5307 and FTA 5337 funds. FTA 5307 funds salaries and benefits for preventive maintenance. Since FTA 5337 is provided based on operating statistics related to express bus services on high-occupancy vehicle (HOV) lanes, FTA 5337 guidance requires these funds are directed to preventive maintenance for facilities that support express bus service that run on HOV lanes.

### **Capitalized Cost of Contracted Services**

The capitalized costs associated with contracting for transit and maintenance services includes OC ACCESS paratransit service (described above) and contracted OC Bus fixed-route service of revenue fleet vehicles owned by the Orange County Transportation Authority (OCTA). Fixed-route service refers to a vehicle operated along a fixed route on a specific schedule. Eligible components include the capital costs of the vehicles used in the services, as well as the capital component of overhead (e.g., offices and equipment for the provider of the OC ACCESS paratransit service). In FFY 2024-25, capitalized cost of contracted services is funded through FTA 5307 and 5310.

### **Safety Projects**

Use of FTA Section 5307 requires that agencies using these funds have a Public Transportation Agency Safety Plan (PTASP) and that not less than 0.75 percent of the total apportionment be used on safety-related projects included in the PTASP. Further, a recipient receiving assistance under Section 5307 that does not meet the safety risk reduction program performance targets established under the PTASP must select safety projects in the following fiscal year that are reasonably likely to assist the recipient in meeting the performance targets, including modifications to rolling stock and de-escalation training. In 2024 the following safety performance targets were not met:

- OC Bus – Two targets were missed in 2024 for the miles between road calls and fatalities safety targets
- OC Access – Two safety targets were missed related to the number of injuries and safety events

## **Orange County Transportation Authority Federal Transit Administration Program of Projects Description**

Specific projects are currently being identified that will assist OCTA in meeting its safety performance targets in the future.

### **Replacement of Gasoline Paratransit Vans Project**

There are 108 paratransit vans and 13 cutaway paratransit vehicles that are due to be replaced with gasoline paratransit vehicles, consistent with the useful life of vehicles defined by OCTA's Transit Asset Management Plan. The FFY 2024-25 FTA 5339 funds will support the replacement of 27 paratransit vans, specifically Ford 350 EL Class V vehicles, which operate on gasoline and have a capacity of six passengers and two wheelchairs, and three cutaway paratransit vehicles which are Ford E350 Class B with gasoline used as the fuel type with a capacity of 12 passengers and five wheelchairs. For both the vans and cutaways, the contract will include equipping the vehicles with radio equipment, an onboard video surveillance system, Kidde fire detection and suppression systems, and other OCTA requirements such as a Vapor Contactless Acoustic Sensing System, drivers barriers, Americans with Disabilities Act compliance, and Cradlepoint router.

### **Southern California Regional Rail Authority (SCRRA [Metrolink]) Rehabilitation/ Renovation**

The SCRRA Rehabilitation/Renovation Project will rehabilitate and/or replace track, signal, communications, rolling stock, and other equipment and facilities used to keep the commuter rail system in a state of good repair. FTA 5337 funds will support these commuter rail rehabilitation/renovation projects. The proposed funding for the fiscal year (FY) 2025-26 rehabilitation/renovation budget, as adopted by the Board of Directors (Board) on June 9, 2025, is provided below:

Rehabilitation/ Renovation Fund Source	FTA 5337	SB 125	Total
FY 2025-26 Budget Amount	\$19,267,925	\$13,187,583	\$32,455,508

SB 125 (Chapter 54, Statutes of 2023)

### **Metrolink Preventive Maintenance**

The commuter rail preventive maintenance costs include all maintenance costs related to maintaining rolling stock, vehicles, rail infrastructure, equipment and facilities, salaries, and benefits of maintenance personnel for the commuter rail service. The proposed FTA 5307 and FTA 5337 funds will support OCTA's share of Metrolink preventive maintenance costs. Preventive maintenance is part of the Metrolink operating budget. The proposed funding for the FY 2025-26 operating budget, as adopted by the Board on June 9, 2025, is provided in the following table.

## Orange County Transportation Authority Federal Transit Administration Program of Projects Description

Operating Fund Source	FTA 5337	FTA 5307	SB 125	M2	Total
FY 2025-26 Budget Amount	\$3,084,444	\$6,659,886	\$26,000,000	\$16,228,213	\$51,972,543

### SCRRA New Capital

The proposed FTA 5307 funds will support OCTA's share of SCRRA New Capital costs as shown in the following table which was provided by Metrolink as part of the budget information provided to OCTA staff:

New Capital Project	Project Description	OCTA Share
Information Technology (IT) Infrastructure Library-compliant IT Service Management Solution	Implement an IT Infrastructure Library-compliant IT Service Management solution to support the critical cyber security domain of the National Institute of Standards and Technology Cyber Security Framework. Current program is unable to maintain a comprehensive inventory of technology assets, critical functions, and cyber security risks to ensure their protection, and properly manage the services they provide.	\$ 45,738
Enhance Network Infrastructure Security	Enhance the Network Infrastructure Security by implementing Software Firewalls in SCRRA's Cloud Environments and introduce Artificial Intelligence security products.	\$ 46,728
Rolling Stock Smart Maintenance	<ul style="list-style-type: none"> <li>Rebuild the onboard maintenance system with sensor technology.</li> <li>Build wireless network infrastructure in Metrolink rolling stock</li> <li>Connection capacity to onboard system that could be delivered by other projects.</li> <li>Develop software for wireless maintenance and connection to the onboard systems.</li> </ul>	\$ 990,990
Los Angeles Union Station (LAUS) West Portal Customer Service Office Refurbishment	<ul style="list-style-type: none"> <li>Expand the West Portal ticketing and lost and found offices, provide necessary office space.</li> <li>Increase the number of windows and the frontage of the ticketing office at LAUS.</li> </ul>	\$ 82,368
Mobile Train Dispatch Operations Center	Procure and upfit a mobile dispatch trailer with appropriate equipment and software capable to being trailered by a truck, procured by this project. The mobile train dispatch center equips SCRRA with the ability to execute remote train dispatch over all SCRRA lines, independent of the current dispatch centers.	\$ 778,140
Construction of Positive Train Control (PTC) Training Center	The construction of the PTC Training Center will include the following features: A. Two PTC simulator rooms, with an instructor's room positioned between them, equipped with glass windows for direct observation of trainee activities. B. Two training rooms: one with a capacity of 25-30 people, and a smaller room for 8-12 people.	\$ 427,878
Portable Wheel True and Rotor Equipment Acquisition	Procure and commission one portable wheel true lathe and one rotor change machine. Includes equipment and maintenance training for mechanical crew.	\$ 114,048
EV Infrastructure	<ul style="list-style-type: none"> <li>Feasibility &amp; Design Phase: Develop comprehensive drawings and plans for the EV charging infrastructure, including site layout, electrical specifications, and integration with existing facilities.</li> <li>Construction Phase: Build and install electric vehicle (EV) charging stations at designated Metrolink yards. The project aims to provide reliable and efficient charging facilities for the future electric non-revenue fleet.</li> </ul>	\$ 425,898
New Budget System	Modernize the SCRRA annual budget application.	\$ 172,656
<b>New Capital TOTAL</b>		<b>\$ 3,084,444</b>

## **Orange County Transportation Authority Federal Transit Administration Program of Projects Description**

### Anaheim Transportation Network (ATN)

OCTA will request funding representing the share of federal funds generated by ATN as defined by the National Transit Database Reporting System to support eligible capitalized operating costs, preventive maintenance, and/or transit capital projects. Eligible expenses for these funds include ATN maintenance personnel costs and bus engine replacements.