



Orange County Transportation Authority

Board Agenda

Monday, February 9, 2026 at 9:30 a.m.

550 South Main Street, Orange, California

Board Members

Jamey M. Federico, Chair

Fred Jung, Vice Chair

Valerie Amezcuia

Doug Chaffee

Katrina Foley

William Go

Patrick Harper

Michael Hennessey

Lauren Kleiman

Stephanie Klopfenstein

Carlos A. Leon

Janet Nguyen

Tam T. Nguyen

Vicente Sarmiento

Kathy Tavoularis

Mark Tettermer

Donald P. Wagner

Lan Zhou, Ex-Officio

Accessibility

Any person with a disability who requires a modification or accommodation in order to participate in this meeting should contact the Orange County Transportation Authority (OCTA) Clerk of the Board's office at (714) 560-5676, no less than two business days prior to this meeting to enable OCTA to make reasonable arrangements to assure accessibility to this meeting.

Agenda Descriptions

Agenda descriptions are intended to give members of the public a general summary of items of business to be transacted or discussed. The posting of the recommended actions does not indicate what action will be taken. The Board may take any action which it deems to be appropriate on the agenda item and is not limited in any way by the notice of the recommended action.

Public Availability of Agenda Materials

All documents relative to the items referenced in this agenda are available for public inspection at www.octa.net or through the Clerk of the Board's office at the OCTA Headquarters, 600 South Main Street, Orange, California.

BOARD MEETING AGENDA

Meeting Access and Public Comments on Agenda Items

Members of the public can either attend in-person or access live streaming of the Board meetings by clicking this link: <https://octa.legistar.com/Calendar.aspx>

In-Person Comment

Members of the public may attend in-person and address the Board regarding any item within the subject matter jurisdiction of OCTA. Please complete a speaker's card and submit it to the Clerk of the Board and notify the Clerk regarding the agenda item number on which you wish to speak. Speakers will be recognized by the Chair at the time of the agenda item is to be considered by the Board. Comments will be limited to three minutes. The Brown Act prohibits the Board from either discussing or taking action on any non-agendized items.

Written Comment

Written public comments may also be submitted by emailing them to ClerkOffice@octa.net, and must be sent by 5:00 p.m. the day prior to the meeting. If you wish to comment on a specific agenda item, please identify the item number in your email. All public comments that are timely received will be part of the public record and distributed to the Board. Public comments will be made available to the public upon request.

Call to Order

Invocation

Director Wagner

Pledge of Allegiance

Director Janet Nguyen

1. Closed Session

Overview

A Closed Session will be held as follows:

Pursuant to Government Code Section 54956.9(d)(1) - Conference with General Counsel - Existing Litigation - JL Kids, LLC v. California Dept. of Transportation, et al. - OCSC Case No. 30-2018-01014871, and St. Andrew's by the Sea United Methodist Church v. State of California, et al. - OCSC Case No. 30-2018-01018320.

Special Calendar

Orange County Transportation Authority Special Calendar Matters

2. Presentation of Resolutions of Appreciation for Employees of the Year

Maggie McJilton

Overview

Present Orange County Transportation Authority Resolutions of Appreciation Nos: 2026-006, Cynthia Guardado, Coach Operator, 2026-007, Chris Pettit, Maintenance, and 2026-008, Maria Brennan, Administration, as Employees of the Year for 2025.

BOARD MEETING AGENDA

Consent Calendar (Items 3 through 7)

All matters on the Consent Calendar are to be approved in one motion unless a Board Member or a member of the public requests separate action on a specific item.

Orange County Transportation Authority Consent Calendar Matters

3. Approval of Minutes

Clerk of the Board

Recommendation(s)

Approve the minutes of the January 26, 2026, Orange County Transportation Authority and affiliated agencies' regular meeting.

Attachments:

[Minutes](#)

4. Public Transportation Agency Safety Plan - Annual Review and Update

Matthew DesRosier/Maggie McJilton

Overview

The Federal Transit Administration requires that every agency receiving federal funds through the Section 5307 Urbanized Area Formula Program must develop a Public Transportation Agency Safety Plan for its transit system. The Board of Directors adopted the Orange County Transportation Authority's Public Transportation Agency Safety Plan on May 11, 2020. Through the required annual program review process, staff is recommending updates for Board of Directors' approval.

Recommendation(s)

Approve the proposed 2026 Public Transportation Agency Safety Plan administrative edits.

Attachments:

[Transmittal](#)

[Staff Report](#)

[Attachment A](#)

[Attachment B](#)

BOARD MEETING AGENDA

5. 2027 Federal Transportation Improvement Program and Financial Plan

Ben Ku/Rose Casey

Overview

The Orange County Transportation Authority is responsible for the biennial preparation of the Federal Transportation Improvement Program for Orange County. This document is required under state and federal laws and includes the financial information for regionally significant transportation improvement projects in Orange County. A summary of the 2027 Federal Transportation Improvement Program, with a total value of approximately \$2.098 billion, related actions, and a supporting resolution are submitted for the Orange County Transportation Authority Board of Directors' approval.

Recommendation(s)

- A. Authorize the submittal of the Federal Transportation Improvement Program project list and financial plan for the fiscal year 2026-27 through fiscal year 2031-32 to the Southern California Association of Governments.
- B. Authorize staff to process all necessary amendments to the Federal Transportation Improvement Program to facilitate the programming of projects.
- C. Adopt Resolution No. 2026-004 of the Orange County Transportation Authority Board of Directors.

Attachments:

[Transmittal](#)

[Staff Report](#)

[Attachment A](#)

[Attachment B](#)

[Attachment C](#)

[Attachment D](#)

[Attachment E](#)

Orange County Local Transportation Authority Consent Calendar Matters

6. Second Quarter Fiscal Year 2025-26 Capital Action Plan and Performance Metrics

James G. Beil

Overview

Staff has prepared the quarterly progress report on capital project delivery for the period of October 2025 through December 2025 for review by the Orange County Transportation Authority Board of Directors. This report highlights the Capital Action Plan for project delivery, which is used as a performance metric to assess delivery progress on highway, transit, and rail projects, as well as a snapshot of the planned Capital Action Plan project delivery milestones in fiscal year 2025-26.

Recommendation(s)

BOARD MEETING AGENDA

Receive and file as an information item.

Attachments:

[Transmittal](#)

[Staff Report](#)

[Attachment A](#)

[Attachment B](#)

[Presentation](#)

7. Measure M2 Annual Eligibility Review

Stephanie Mooney/Rose Casey

Overview

The Measure M2 Ordinance No. 3 requires that all local jurisdictions annually satisfy specific eligibility requirements to receive Measure M2 net revenues. The required documentation for the review period ending June 30, 2025, was received and reviewed and is ready for the Orange County Transportation Authority Board of Directors' consideration to find 33 of Orange County's 35 local jurisdictions (excluding the cities of Buena Park and Huntington Beach) as eligible to continue receiving Measure M2 net revenues.

Recommendation(s)

- A. Approve 33 of Orange County's 35 local jurisdictions (excluding the cities of Buena Park and Huntington Beach) as eligible to continue receiving Measure M2 net revenues.

- B. Receive and file the Measure M2 eligibility verification documents submitted by the cities of Buena Park and Huntington Beach.

Attachments:

[Transmittal](#)

[Staff Report](#)

[Attachment A](#)

[Attachment B](#)

Regular Calendar

There are no Regular Calendar matters.

Discussion Items

8. Update on the Interstate 5 Improvement Project Between Interstate 405 and State Route 55

Niall Barrett/James G. Beil

Overview

Staff will provide a project update.

BOARD MEETING AGENDA

Attachments:

[Presentation](#)

9. Active Transportation Biennial Update

Peter Sotherland/Rose Casey

Overview

The Orange County Transportation Authority coordinates regional active transportation efforts in Orange County. An update on recent and upcoming activities is provided for review.

Attachments:

[Presentation](#)

10. Public Comments

11. Chief Executive Officer's Report

12. Directors' Reports

13. Adjournment

The next regularly scheduled meeting of this Board will be held:

9:30 a.m., on Monday, February 23, 2026

OCTA Headquarters

Board Room

550 South Main Street

Orange, California



Call to Order

The January 26, 2026, regular meeting of the Orange County Transportation Authority (OCTA) Board of Directors and its affiliated agencies was called to order by Chair Federico at 9:30 a.m. at the OCTA Headquarters, located at 550 South Main Street, Orange, California.

Directors Present: Jamey M. Federico, Chair
Fred Jung, Vice Chair
Doug Chaffee
Valerie Amezcua
Katrina Foley
William Go
Patrick Harper
Michael Hennessey
Lauren Kleiman
Stephanie Klopfenstein
Carlos A. Leon
Janet Nguyen
Vicente Sarmiento
Kathy Tavoularis
Mark Tettemer
Donald P. Wagner
Lan Zhou, Ex-Officio

Directors Absent: Tam T. Nguyen

Staff Present: Darrell E. Johnson, Chief Executive Officer
Jennifer L. Bergener, Deputy Chief Executive Officer
Gina Ramirez, Assistant Clerk of the Board
Sahara Meisenheimer, Clerk of the Board Specialist, Senior
Andrea West, Clerk of the Board
Erin Galang, Clerk of the Board Specialist, Assistant
James Donich, General Counsel

Closed Session

1. Closed Session

A Closed Session was held as follows:

Pursuant to Government Code Section 54956.9(d)(1) - Conference with General Counsel - Existing Litigation - Douglas Neagle v. Orange County Transportation Authority, et al., OCSC Case No. 30-2024-01407005.

James Donich, General Counsel, stated there was no report out on this item.

All members were present except Director Tam T. Nguyen.



Special Calendar

2. Presentation of Resolutions of Appreciation for Employees of the Month

Resolutions were presented to Sigifredo Arredondo Sanchez, Coach Operator, Javier Oseguera, Maintenance, and Jacqueline Moon, Administration, as Employees of the Month for January 2026.

3. 2026 Board of Directors and Chief Executive Officer Initiatives and Action Plan

No action was taken on this receive and file information item.

4. Approval of 2026 Orange County Transportation Authority Board Committees and External Agencies' Assignments

A motion was made by Vice Chair Jung, seconded by Director Leon to:

- A. Approve the Chair's assignments for the 2026 Orange County Transportation Authority Board of Directors' committees comprised of the Executive, Finance and Administration, Legislative and Communications, Regional Transportation Planning, State Route 91 Advisory, Transit, and Environmental Oversight committees.
- B. Receive the Chair's assignments for the 2026 external agencies comprised of the California Association of Councils of Governments, Los Angeles - San Diego - San Luis Obispo Rail Corridor Agency, Mobile Source Air Pollution Reduction Review Committee, Southern California Association of Governments' Regional Council, Orange County Council of Governments, and the Southern California Regional Rail Authority.

Consent Calendar (Items 5 through 10)

A motion was made by Director Amezcuia, seconded by Director J. Nguyen, and declared passed by all those present to approve Items 5 through 10 on the Consent Calendar.

5. Approval of Minutes

Approve the minutes of the January 12, 2026, Orange County Transportation Authority and affiliated agencies' regular meeting.

6. Fiscal Year 2025-26 Internal Audit Plan, Second Quarter Update

Receive and file the second quarter update to the Orange County Transportation Authority Internal Audit Department Fiscal Year 2025-26 Internal Audit Plan as an information item.

**7. Fiscal Year 2024-25 Single Audit and Agreed-Upon Procedures Reports**

Receive and file the fiscal year 2024-25 Single Audit Report and agreed-upon procedures reports as information items.

8. Employee Commuter Club Program, Internal Audit Report No. 26-505

Direct staff to implement four recommendations provided in Employee Commuter Club Program, Internal Audit Report No. 26-505.

9. Fiscal Year 2025-26 First Quarter Budget Status Report

Receive and file as an information item.

10. Orange County Transportation Authority Investment and Debt Programs Report - November 2025

Receive and file as an information item.

Regular Calendar

There were no Regular Calendar matters.

Discussion Items**11. Public Comments**

There were no public comments received.

12. Chief Executive Officer's Report

Darrell E. Johnson, Chief Executive Officer, reported on the following:

- Interstate 5 Improvement Project Groundbreaking Event
- OC Streetcar Update

13. Directors' Reports

Director Sarmiento acknowledged the Coach Operators, who run routes 431 and 543 along Harbor Boulevard and Orangethorpe Avenue, and for being extremely helpful when explaining constitutional rights to many bus riders.

Chair Federico expressed his appreciation to the Board's willingness to serve on the Committees and external agencies.



14. Adjournment

The meeting was adjourned at 9:59 a.m.

The next regularly scheduled meeting of this Board will be held:
9:30 a.m., on Monday, February 9, 2026
OCTA Headquarters
Board Room
550 South Main Street
Orange, California



COMMITTEE TRANSMITTAL

February 9, 2026

To: Members of the Board of Directors

From: Andrea West, Clerk of the Board *Andrea West*

Subject: Public Transportation Agency Safety Plan - Annual Review and Update

Executive Committee Meeting of February 2, 2026

Present: Chair Federico, Vice Chair Jung, Directors Chaffee, Klopfenstein
Absent: Directors Hennessey and Wagner

Committee Vote

This item was passed by the Members present.

Committee Recommendation(s)

Approve the proposed 2026 Public Transportation Agency Safety Plan administrative edits.



February 2, 2026

To: Executive Committee

From: Darrell E. Johnson, Chief Executive Officer

Subject: Public Transportation Agency Safety Plan – Annual Review and Update

A blue ink signature of Darrell E. Johnson, Chief Executive Officer.

Overview

The Federal Transit Administration requires that every agency receiving federal funds through the Section 5307 Urbanized Area Formula Program must develop a Public Transportation Agency Safety Plan for its transit system. The Board of Directors adopted the Orange County Transportation Authority's Public Transportation Agency Safety Plan on May 11, 2020. Through the required annual program review process, staff is recommending updates for Board of Directors' approval.

Recommendation

Approve the proposed 2026 Public Transportation Agency Safety Plan administrative edits.

Background

The Public Transportation Agency Safety Plan (PTASP), 49 Code of Federal Regulations Part 673, requires operators of public transportation systems to develop an agency PTASP that includes a comprehensive, collaborative, and systematic approach to managing safety.

The Health, Safety and Environmental Compliance Department (HSEC) oversees safety compliance programs and the PTASP administration by the Orange County Transportation Authority (OCTA). The Board of Directors (Board) adopted OCTA's PTASP on May 11, 2020, and it has been updated annually since that time. The PTASP includes four primary components and 17 subcomponents.

Component 1: Safety Management Policy

Subcomponents:

- Written Statement of Policy
- Process for reporting unsafe conditions/near-miss incidents
- Safety management policy communication
- Authorities, accountabilities, and responsibilities

Component 2: Safety Risk Management

Subcomponents:

- Safety risk management process
- Safety hazard/near-miss incident identification and reporting
- Safety risk assessment
- Safety risk mitigation
- Risk-based safety inspections

Component 3: Safety Assurance

Subcomponents:

- Safety performance monitoring and measurement
- Hazard mitigation monitoring process
- Accident notification, investigation, and reporting
- Internal safety reporting program monitoring
- Management of change
- Continuous improvement

Component 4: Safety Promotion

Subcomponents:

- Safety training program
- Safety communication

OCTA completed the required annual review and assessed overall safety program compliance, results against safety performance targets, and the action items identified in the 2025 PTASP Appendix A.

Discussion

Safety performance targets in the 2025 PTASP were established in accordance with Federal Transit Administration (FTA) guidance and National Transit Database (NTD) reporting requirements and shown in Attachment A. Measures include NTD-reportable safety events, collisions, injuries, assaults, and fatalities normalized per 100,000 vehicle revenue miles (VRM). System reliability is measured using miles between maintenance and service road calls, normalized per vehicle miles.

2025 Fixed-Route Bus Safety Performance – Actuals

In calendar year 2025, OCTA met three of ten safety performance targets for fixed-route bus service. Targets met were:

- Pedestrian collisions
- Transit worker fatalities
- System reliability (miles between road calls)

OCTA did not meet targets for major safety events, overall collisions, vehicular collisions, injuries, transit worker injuries, fatalities, and assaults on transit workers. Post-event analysis indicates that several contributing incidents, including two fatalities, were non-preventable and outside OCTA's direct control.

2025 Paratransit Safety Performance

In calendar year 2025, OCTA met four of ten safety performance targets for paratransit service. Targets met were:

- Pedestrian collisions
- Fatalities
- Transit worker fatalities
- System reliability (miles between road calls)

Targets were not met for major safety events, overall collisions, vehicular collisions, injuries, transit worker injuries, and assaults on transit workers. As with fixed-route service, some contributing incidents were non-preventable.

While several 2025 performance targets were not met, OCTA's incident rates normalized per 100,000 VRM remain extremely low and continue to reflect the overall safety and reliability of OCTA's transit services. The results identify opportunities for improvement while affirming that public transportation remains a safe option for Orange County communities.

OCTA will continue measuring its 2026 performance against the established 2025 safety performance targets without increasing those targets or recalculating three-year averages for goals not met. This approach holds OCTA to a consistent and rigorous standard, reinforcing accountability and maintaining the integrity of previously adopted performance goals.

OCTA will retain the existing safety performance targets to ensure consistency, accountability, and meaningful trend analysis. While all required events will continue to be reported to the NTD, OCTA will enhance internal tracking to distinguish overall, preventable, and non-preventable incident rates.

This approach will support more targeted mitigation strategies and a more effective allocation of resources.

Through continued reporting, data-driven analysis, and targeted investment in preventable risk areas, OCTA will advance continuous safety improvement while maintaining compliance with PTASP and NTD requirements. To further support preventable incident mitigation, OCTA plans to continue to allocate FTA Section 5307 Urbanized Area Formula Program funds in fiscal year 2026–27 for eligible safety initiatives, including training, safety technology, public education, and operational improvements.

In review of the 2025 PTASP action items list, all items requiring action and the allocation of resources were completed on time except for the independent external review which experienced a delay due to a change in the scope of the work and has since been initiated and is in process. It is scheduled to be completed at the end of the first quarter of calendar year 2026. In total, out of the four established action items, three were achieved and one is in progress.

OCTA's Joint Labor Management Safety Committee has been in place and functional since 2023. The FTA requires the committee to consist of an equal number of labor organizations representing frontline employees and management. One responsibility of the committee is that they must participate in the review of PTASP edits and the establishment of OCTA's annual safety performance targets. OCTA's Joint Labor Management Safety Committee has fulfilled this responsibility and approved the proposed 2026 PTASP.

A summary of all administrative and program edits included in the 2026 PTASP are shown below.

Version Number and Updates - Record history of successive versions of this plan.			
Version Number	Section/Pages Affected	Reason for Change	Date Issued
5	16	Chief Executive Officer Signature updated with each revision	11/01/2025
5	39	Risk-Based Inspection	11/01/2025
5	19, 33	Remove Kia Mortazavi	11/20/2025
5	23	Safety Performance Targets updated - include OC Streetcar placeholder	11/20/2025

Later in 2026, staff will bring forward proposed PTASP updates for Board consideration. These updates will incorporate OC Streetcar specific operational elements, establish targeted safety performance goals, and formally adopt

safety programs tailored to the unique characteristics of the OC Streetcar system, ensuring continued regulatory compliance and safe revenue service operations.

Summary

Staff is requesting the Board of Directors approve the Orange County Transportation Authority's annual review and updated 2026 Public Transportation Agency Safety Plan, thereby fulfilling the requirements of the Federal Transit Administration.

Attachments

- A. 2025 Public Transportation Agency Safety Plan Annual Review
- B. 2026 Orange County Transportation Authority, Public Transportation Agency Safety Plan

Prepared by:



Matthew DesRosier
Department Manager, Health, Safety,
and Environmental Compliance
(714) 560-5854

Approved by:



Maggie McJilton
Executive Director,
People and Community Engagement
(714) 560-5824



**2025 PUBLIC TRANSPORTATION AGENCY SAFETY
PLAN
ANNUAL REVIEW**

JANUARY 2026

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2025 Orange County Transportation Authority Annual Review

Completion January 2026

1.0 Scope

The Federal Transit Administration (FTA) published the Public Transportation Agency Safety Plan (PTASP), 49 Code of Federal Regulations (CFR) Part 673, on July 19, 2019. Within this regulation, it is required that every agency receiving funds under the Urbanized Area Formula Program is required to develop and implement a PTASP based on Safety Management Systems (SMS) principles and methods. The Board of Directors (Board) adopted the Orange County Transportation Authority's (OCTA) PTASP on May 11, 2020, as required. As part of the regulation, agencies are to conduct an annual review and Board update through the SMS risk-based approach.

2.0 Purpose

Due to the implementation of 49 CFR Part 673, OCTA is required to annually submit the current PTASP to the Board for review and approval, along with an annual safety report. The annual review of the PTASP will be conducted by the Accountable Executive, the Chief Safety Officer, and the SMS Program Manager each calendar year, no later than January 30th. OCTA has completed its first year of program implementation and assessed its overall safety program results against its initial safety performance targets and the action items identified. In addition, some of the processes and tools described in the initial PTASP have changed, which are reflected in the revised 2026 PTASP document.

3.0 PTASP Review Checklist

The PTASP review checklist is intended to verify compliance with the written PTASP components and an item that is checked has been verified as compliant. Any item that is not verified as compliant must have a comment that describes the action necessary to achieve compliance.

Plan Development, Approval, and Updates

<input type="checkbox"/>	Checklist Item	PTASP Page Number	Notes
<input checked="" type="checkbox"/>	Name(s) and address(es) of the transit agency(ies) that the PTASP applies to.	14	
<input checked="" type="checkbox"/>	Mode(s) of transit service covered by the PTASP.	14	
<input checked="" type="checkbox"/>	Mode(s) of service provided by the transit agency (directly operated or contracted fixed-route service).	14	
<input checked="" type="checkbox"/>	FTA funding types. (e.g., 5307, 5337, 5339)	14	
<input checked="" type="checkbox"/>	Transit service provided by the transit agency on behalf of another transit agency or entity, including a description of the arrangement(s).	14	
<input checked="" type="checkbox"/>	An Accountable Executive who meets requirements in § 673.5 and § 673.23(d)(1).	6, 14	
<input checked="" type="checkbox"/>	A Chief Safety Officer or SMS Executive who meets requirements in § 673.5 and § 673.23(d)(2).	6, 14	
<input checked="" type="checkbox"/>	Name of the entity that drafted the PTASP (e.g., State Department of Transportation).	16	
<input checked="" type="checkbox"/>	The Accountable Executive's signature on the PTASP and date of signature.	16	
<input checked="" type="checkbox"/>	The Board or equivalent authority's approval of the PTASP and date of approval.	16	
<input type="checkbox"/>	Certification of compliance with 49 CFR Part 673, including the name of the individual or entity that certifies the PTASP and date of certification.	16	<i>Pending submittal to the State Safety Oversight - review and certification from California Public Utilities Commission (CPUC) pending (OC Streetcar)</i>
<input checked="" type="checkbox"/>	Process and timeline for conducting an annual review and update of the PTASP, including the PTASP version number and other relevant information.	17	
<input checked="" type="checkbox"/>	The PTASP addresses all applicable requirements and standards as set forth in FTA's Public Transportation Safety Program and the National Public Transportation Safety Plan.	4	

Safety Performance Targets

<input type="checkbox"/>	Checklist Item	PTASP Page Number	Notes
<input checked="" type="checkbox"/>	<i>Fatalities</i> : Total number of reportable fatalities and rate per total vehicle revenue miles (VRM) by mode.	21	
<input checked="" type="checkbox"/>	<i>Transit Worker Fatalities</i> : This includes all transit worker fatalities as defined by the National Transit Database (NTD).	21	
<input checked="" type="checkbox"/>	<i>Injuries</i> : Total number of reportable injuries and rate per total VRM by mode.	21	
<input checked="" type="checkbox"/>	<i>Safety Events</i> : Total number of reportable events and rate per total VRM, by mode. (Event, as defined in § 673.5)	21	
<input checked="" type="checkbox"/>	<i>Collision Events</i> : This includes all collisions reported to the NTD.	21	
<input checked="" type="checkbox"/>	<i>Pedestrian Collision Events</i> : Total number including all collisions “with a person” as defined by the NTD.	21	
<input checked="" type="checkbox"/>	<i>Vehicular Collisions Events</i> : This includes all collisions “with a motor vehicle” as defined by the NTD.	21	
<input checked="" type="checkbox"/>	<i>Transit Worker Injuries</i> : This includes all injuries as defined by the NTD, divided by VRM.	21	
<input checked="" type="checkbox"/>	<i>Assaults on Transit Workers</i> : This includes all assaults on transit workers as defined by the NTD.	21	
<input checked="" type="checkbox"/>	<i>System Reliability</i> : Mean (or average) distance between major mechanical failures, by mode.	21	
<input checked="" type="checkbox"/>	Performance targets are made available to the State to aid in the planning process.	21	
<input checked="" type="checkbox"/>	Performance targets are made available to the Metropolitan Planning Organization(s) (MPO) to aid in the planning process.	21	
<input checked="" type="checkbox"/>	Coordination with the State and MPO(s) in the selection of State and MPO safety performance targets, to the maximum extent practicable.	21	

Safety Management Policy

<input checked="" type="checkbox"/>	Checklist Item	PTASP Page Number	Notes
<input checked="" type="checkbox"/>	Written statement of Safety Management Policy (SMP), including the agency's safety objectives.	26	
<input checked="" type="checkbox"/>	<p>Employee safety reporting program, that includes:</p> <ul style="list-style-type: none"> • A process that allows employees to report safety conditions to senior management; • Protections for employees who report safety conditions to senior management; and • A description of employee behaviors that may result in disciplinary action and therefore are excluded from protection. 	27	
<input checked="" type="checkbox"/>	Communication of the SMP throughout the agency's organization.	28	
<input checked="" type="checkbox"/>	<p>Authorities, accountabilities, and responsibilities necessary for the management of safety, as they relate to the development and management of the transit agency's SMS, for the following individuals:</p> <ul style="list-style-type: none"> • The Accountable Executive; • The Chief Safety Officer or SMS Executive; • Agency leadership and executive management; and • Key staff 	28-33	

Safety Risk Management

<input checked="" type="checkbox"/>	Checklist Item	PTASP Page Number	Notes
<input checked="" type="checkbox"/>	<i>Safety hazard identification:</i> Methods or processes to identify hazards and consequences of hazards, which includes data and information provided by an oversight authority and the FTA as sources for hazard identification.	53	
<input checked="" type="checkbox"/>	<i>Safety risk assessment:</i> Methods or processes to assess the safety risks associated with identified safety hazards. This must include assessment of the likelihood and severity of the consequences of the hazards, including existing mitigations, and prioritization of the hazards based on the safety risk.	54-57	<i>Appendix A</i>
<input checked="" type="checkbox"/>	<i>Safety risk mitigation:</i> Methods or processes to identify mitigations or strategies necessary as a result of the agency's safety risk assessment to reduce the likelihood and severity of the consequences of hazards.	54-60	

Safety Assurance

<input checked="" type="checkbox"/>	Checklist Item	PTASP Page Number	Notes
<input checked="" type="checkbox"/>	Activities to monitor the transit agency's system for compliance with, and sufficiency of, the agency's procedures for operations and maintenance. (<i>Safety performance monitoring and measurement</i>)	44	
<input checked="" type="checkbox"/>	Activities to monitor the transit agency's operations to identify any safety risk mitigations that may be ineffective, inappropriate, or were not implemented as intended. (<i>Safety performance monitoring and measurement</i>)	44	
<input checked="" type="checkbox"/>	Activities to conduct investigations of safety events, including the identification of causal factors. (<i>Safety performance monitoring and measurement</i>)	44	
<input checked="" type="checkbox"/>	Activities to monitor information reported through any internal safety reporting programs. (<i>Safety performance monitoring and measurement</i>)	39-42	
<input checked="" type="checkbox"/>	<i>Management of change</i> : A process for identifying and assessing changes that may introduce new hazards or impacts to the transit agency's safety performance. These proposed changes must be evaluated through the agency's Safety Risk Management process.	47	
<input checked="" type="checkbox"/>	<i>Continuous improvement</i> : A process to assess the transit agency's safety performance. If the agency identifies safety deficiencies as part of its safety performance assessment, the agency must develop and carry out, under the direction of the Accountable Executive, a plan to address the identified safety deficiencies.	47	

Safety Promotion

<input checked="" type="checkbox"/>	Checklist Item	PTASP Page Number	Notes
<input checked="" type="checkbox"/>	A comprehensive safety training program for all transit agency employees and contractors designated as directly responsible for safety in the agency's public transportation system. This program must include refresher training, as necessary.	49	
<input checked="" type="checkbox"/>	<p>Communication of safety and safety performance information throughout the transit agency's organization that conveys, at a minimum:</p> <ul style="list-style-type: none"> Information on hazards and safety risks relevant to employees' roles and responsibilities; and Safety actions taken in response to reports submitted through an employee safety reporting program. 	50	
<input checked="" type="checkbox"/>	<p>Documentation not included or referenced elsewhere in the PTASP related to:</p> <ul style="list-style-type: none"> The implementation of the transit agency's SMS The programs, policies, and procedures that the agency uses to carry out its PTASP; and Results from SMS processes and activities. <p><i>The documents must be maintained for three years after they are created and must be made available upon request by the FTA or other federal entity, or a State Safety Oversight Agency having jurisdiction.</i></p>	61	<i>Appendix B</i>
<input checked="" type="checkbox"/>	Definitions of terms used in the PTASP.	6-8	
<input checked="" type="checkbox"/>	List of acronyms used in the PTASP.	9-10	

4.0 Safety Performance

2025 OCTA fixed-route bus service actuals

NTD	Objective	Metric/Rate	Target	Actuals
B U S	Reduce Major Events	Per 100K VRM	0.19	0.33
	Reduce Collision Events	Per 100K VRM	0.14	0.28
	Reduce Pedestrians Collisions Events	Per 100K VRM	0.01	0.01
	Reduce Vehicular Collisions Events	Per 100K VRM	0.12	0.26
	Reduce Injuries	Per 100K VRM	0.35	0.50
	Reduce Transit Worker Injuries	Per 100K VRM	0.02	0.09
	Reduce Assaults on Transit Workers	Per 100K VRM	0.04	0.32
	Reduce Fatalities	Per 100K VRM	0.00	0.01
	Transit Worker Fatalities	Per 100K VRM	0.00	0.00
	Maintain System Reliability	Miles between Road Calls	1 per 14K VRM	18,815

2025 OCTA paratransit service actuals

NTD	Objective	Metric/Rate	Baseline	Actuals
P A R A T R A N S I T	Reduce Major Events	Per 100K VRM	0.04	0.23
	Reduce Collision Events	Per 100K VRM	0.04	0.22
	Reduce Pedestrian Collision Events	Per 100K VRM	0.00	0.00
	Reduce Vehicular Collisions Events	Per 100K VRM	0.04	0.20
	Reduce Injuries	Per 100K VRM	0.05	0.45
	Reduce Transit Worker Injuries	Per 100K VRM	0.00	0.05
	Reduce Assaults on Transit Workers	Per 100K VRM	0.00	0.03
	Reduce Fatalities	Per 100K VRM	0.00	0.00
	Transit Worker Fatalities	Per 100K VRM	0.00	0.00
	Maintain System Reliability	Miles between Road Calls	1 per 25K VRM	94,535

5.0 Implementation Actions

Appendix A

PTASP/FTA Code	Action Item	Timeline	Responsible Person/Group
673.23	Review and update PTASP	Annually	PTASP/SMS Committee
673.23	Safety Management CEO communication	Quarterly	Health, Safety, and Environmental Compliance (HSEC)/Human Resources (HR)/ Operations
673.27	Independent PTASP review utilizing contractor, consultant or other organization	Q4 2025	HSEC/External Contractor
673.25	Complete a formal risk analysis	Q4 2025	HSEC/Operations

In review of the Appendix A action items list, all items that required action and the allocation of resources were completed on time except for the independent external review which is scheduled to be completed at the end of Quarter 1 2026.

6.0 Areas of Improvement

1. OCTA continues to strengthen its operational oversight by taking on increased responsibility for ensuring the effectiveness of its safety management processes. This includes enhanced monitoring, coordination, and accountability measures within the PTASP. In alignment with these efforts, contractors now carry greater responsibility for implementing PTASP requirements, maintaining compliance, and promoting a proactive safety culture throughout their operations. Together, these actions reinforce OCTA's commitment to a unified and comprehensive approach to transit safety.
2. OCTA remains committed to achieving its safety performance targets by continually evaluating and enhancing its safety reporting processes. To strengthen the accuracy and usefulness of reported data, OCTA plans to refine its approach to distinguishing preventable from non-preventable incidents. OCTA will strive to maintain performance metrics for 2025 even though not all the safety performance goals were achieved. This evaluation will help identify underlying causes, improve the effectiveness of preventative measures, and ensure that safety trends are accurately captured and addressed. By improving reporting transparency and focusing on prevention, OCTA aims to drive continuous safety performance improvement across all operations.

7.0 Summary

OCTA has not met all established safety performance targets. OCTA must allocate not less than 0.75 percent of its FTA Section 5307 grant funds to safety-related projects eligible under FTA Section 5307. Projects must target program challenges intended for mitigation of safety performance targets not met.

PTASP Edits or Proposed Changes 2026:

Version Number and Updates - Record history of successive versions of this plan.			
Version Number	Section/Pages Affected	Reason for Change	Date Issued
5	16	CEO signature updated with each revision	11/01/2025
5	39	Risk-Based Inspection	11/01/2025
5	19, 33	Remove Kia Mortazavi	11/20/2025
5	23	Safety Performance Targets updated - include OC Streetcar placeholder	11/20/2025

2026 Safety Performance Targets

NTD	Objective	Metric/Rate	Target
B U S	Major Event Rate	Per 100K VRM	0.19
	Collision Rate	Per 100K VRM	0.14
	Pedestrians Collision Rate	Per 100K VRM	0.01
	Vehicular Collision Rates	Per 100K VRM	0.12
	Fatalities Rate	Per 100K VRM	0.35
	Transit Worker Fatality Rate	Per 100K VRM	0.02
	Injuries Rate	Per 100K VRM	0.04
	Reduce Transit Worker Injury Rate	Per 100K VRM	0.00
	Assaults on Transit Workers Rate	Per 100K VRM	0.00
	Maintain System Reliability	Miles Between Road Calls	1 per 14K VM

NTD	Objective	Metric/Rate	Target
P A R A T R A N S I T	Major Event Rate	Per 100K VRM	0.04
	Collision Rate	Per 100K VRM	0.04
	Pedestrians Collision Rate	Per 100K VRM	0.00
	Vehicular Collision Rates	Per 100K VRM	0.04
	Fatalities Rate	Per 100K VRM	0.05
	Transit Worker Fatality Rate	Per 100K VRM	0.00
	Injuries Rate	Per 100K VRM	0.00
	Reduce Transit Worker Injury Rate	Per 100K VRM	0.00
	Assaults on Transit Workers Rate	Per 100K VRM	0.00
	Maintain System Reliability	Miles Between Road Calls	1 per 25K VM

NTD	Objective	Metric/Rate	Target
S T R E E T C A R	Major Event Rate	Per 100K VRM	TBD
	Collision Rate	Per 100K VRM	TBD
	Pedestrians Collision Rate	Per 100K VRM	TBD
	Vehicular Collision Rates	Per 100K VRM	TBD
	Fatalities Rate	Per 100K VRM	TBD
	Transit Worker Fatality Rate	Per 100K VRM	TBD
	Injuries Rate	Per 100K VRM	TBD
	Reduce Transit Worker Injury Rate	Per 100K VRM	TBD
	Assaults on Transit Workers Rate	Per 100K VRM	TBD
	Maintain System Reliability	Miles Between Road Calls	TBD

9.0 Annual Review Certification

By signing below, you certify that the annual review has been completed, and the information captured is accurate and reflects compliance to the standard.



1/16/2026

Valerie Steinbeck, PTASP Program Manager



1/16/2026

Matthew DesRosier, Chief Safety Officer



**ORANGE COUNTY
TRANSPORTATION
AUTHORITY**

**PUBLIC TRANSPORTATION AGENCY SAFETY PLAN
2026**

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**PUBLIC TRANSPORTATION AGENCY SAFETY PLAN
FOR THE
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EXECUTIVE SUMMARY

Moving Ahead for Progress in the 21st Century (MAP-21) grants the Federal Transit Administration (FTA) the authority to establish and enforce a comprehensive framework to oversee the safety of public transportation throughout the United States. As a component of this safety oversight framework, recipients of FTA Chapter 53 funding are required to develop and implement a Public Transportation Agency Safety Plan (PTASP), Code of Federal Regulation (C.F.R.) 49 Part 673 based on Safety Management Systems (SMS) principles and methods.

On July 19, 2018, the FTA published the PTASP final rule, requiring certain operators of public transportation systems that receive federal funds under FTA's Urbanized Area Formula Grants to develop safety plans that include the processes and procedures to implement SMS. The goal of SMS is to increase the safety of transit systems by proactively identifying, assessing, and controlling risks. Further, 49 C.F.R. Part 673 puts the FTA and the Orange County Transportation Authority (OCTA) in a position to provide guidance that strengthens the use of safety data to support management decisions, improves the commitment of transit leadership to safety, and fosters a culture of safety promoting awareness and responsiveness to safety risks.

SMS is a comprehensive, collaborative, proactive, and data-driven approach to managing safety, thus bringing management and labor together to better control risk, detect and correct safety issues in a timely manner, effectively share and analyze safety data, and precisely measure safety performance.

Our Mission is to develop and deliver transportation solutions to enhance quality of life and keep Orange County moving.

Our Vision is an integrated and balanced transportation system that supports the diverse travel needs and reflects the character of Orange County.

OCTA is a public agency that conducts its business with integrity, in an honest and ethical manner. Our values consist of safety, integrity, customer focus, can-do spirit, communication, and teamwork/partnership. OCTA keeps people moving by reducing freeway congestion, improving safety and efficiency on our local roads, providing bus service and regional multimodal connections, helping people find ways to leave their vehicles home, and providing safe, convenient transportation that is FTA and Americans with Disabilities Act (ADA) compliant to those with special accommodations. These values shape the way OCTA does business and significantly influence who we are and how we want to be viewed by others.

OCTA has taken steps to create an environment where safety culture is paramount by adopting safety as a core value. Individual efforts alone do not result in the desired outcome. A positive safety culture is achieved only when it develops an aggregate attitude

that safety is paramount in all transit services. This type of safety thinking permits individuals to resist complacency, commit to excellence, and take personal accountability. The cumulative effect of these attitudes develops an organizational attitude of self-regulation for safety. It fosters a universal type of safety mindset. Accordingly, safety culture is both attitudinal, as well as structural, and revolves around the common beliefs and actions of individuals and the organization. It consists not only of identifying safety issues but also of resolving them with appropriate actions.

OCTA is committed to safety as a systematic and comprehensive approach to identifying hazards and risks and has adopted the SMS framework by establishing a safety policy, identifying hazards and controlling risks, setting goals, and planning and measuring performance. OCTA uses SMS as a means of agency-wide support for transit safety by establishing a culture where everyone is accountable for safety. The success of these efforts starts with senior executives and labor leadership visibly demonstrating their commitment to safety and leading by example to resolve safety issues.

The implementation of SMS, as described within this document, has been ongoing at OCTA through the execution of multiple activities, including:

- Extensive hazard identification, analysis, and resolution;
- Increased internal review to ensure our processes are functioning as intended;
- Safety outreach with the community – as good neighbors and partners with emergency management resources in the surrounding communities; and
- Focus on improved safety training for all employees – to ensure that OCTA is as safe as practical with the understanding that safety is everyone's responsibility.

OCTA has developed and adopted this PTASP to comply with FTA regulations. OCTA's Board of Directors (Board), Accountable Executive, and Chief Safety Officer have reviewed and approved the PTASP through (resolution #), assuring its content meets the requirements of 49 C.F.R. Part 673 through the establishment of a comprehensive SMS framework.

DEFINITIONS

Source: All definitions are official U.S. Department of Transportation FTA definitions related to the PTASP.

Accident: An event that involves any of the following: a loss of life, a report of a serious injury to a person, a collision of public transportation vehicles, a runaway train, an evacuation for life safety reasons, or any derailment of a rail transit vehicle, at any location, at any time, whatever the cause.

Accountable Executive: A single, identifiable person who has ultimate responsibility for carrying out the PTASP of a public transportation agency, responsibility for carrying out the agency's Transit Asset Management Plan, and control or direction over the human and capital resources needed to develop and maintain both the agency's PTASP, in accordance with 49 U.S.C. § 5329(d), and the agency's Transit Asset Management Plan in accordance with 49 U.S.C. § 5326.

Change Control - A method of maintaining the consistency and reliability of a system or product's performance, function, and design, and the control of changes made to the system or product throughout its life cycle.

Change Control Committee - The Change Control Committee is a group of staff members that represent various areas of expertise within OCTA. These staff members have been selected to be diverse in expertise and responsibility to ensure that all OCTA's interests and objectives are met by each project.

Chief Safety Officer: An adequately trained individual who has responsibility for safety and reports directly to a transit agency's chief executive officer, general manager, president, or equivalent officer. A chief safety officer may not serve in other operational or maintenance capacities, unless the chief safety officer is employed by a transit agency that is a small public transportation provider as defined in this part, or a public transportation provider that does not operate a rail fixed-guideway public transportation system.

Core Safety Responsibilities: Responsibilities, accountabilities, and authority of the accountable executive, the key safety officers, and key members of the safety management team.

Desired Safety Outcomes or Goals: Safety outcomes for each risk using the measurable safety performance indicators established.

Document Revision and Control: A description of the regular annual process used to review and update the plan including a timeline for implementation of the process.

Event: Any accident, incident, or occurrence.

Hazard: Any real or potential condition that can cause injury, illness, death, damage to or loss of the facilities equipment, rolling stock, or infrastructure, or damage to the environment.

Hazard Probability: Likelihood of a hazard consequence to occur.

Hazard Severity: The effect/damaging result of a hazards consequence.

Incident: An event that involves any of the following: a personal injury that is not a serious injury, one or more injuries requiring medical transport, or damage to facilities, equipment, rolling stock, or infrastructure that disrupts the operations of a transit agency.

Injury: Any damage or harm to persons that requires immediate medical attention away from the scene because of a reportable event. Agencies must report each person transported away from the scene for medical attention classified as an injury, whether or not the person appears to be injured.

Occurrence: An event without any personal injury in which any damage to facilities, equipment, rolling stock, or infrastructure does not disrupt the operations of a transit agency.

Performance Target: A quantifiable level of performance or condition expressed as a value for the measure to be achieved within a time period required by the FTA.

Policy Statement: A statement establishing senior management commitment to continual safety improvement, signed by the executive accountable for the operation of the agency and the Board.

Prioritized Safety Risks: A description of the most serious safety risks to the public, personnel, and property.

Reportable: An event occurring on transit right-of-way, in a transit revenue facility, in a transit maintenance facility, or involving a transit revenue vehicle, excluding occupational safety events occurring in administrative buildings.

Risk: An assessed probability and severity calculation to classify the overall potential consequences of a hazard.

Risk Control Strategies and Actions for Prioritized Safety Risks: A description of risk control strategies and actions the agency will undertake to minimize exposure of the public, personnel, and property to hazards, including a schedule for implementing the risk control strategies and the primary entity responsible for each strategy.

Safety Assurance: A list of defined safety performance indicators for each priority risk and associated targets the Agency will use to determine if it is achieving the specified safety goals.

Safety Culture: The product of individual and group values, attitudes, competencies and patterns of behavior that determine commitment to safety management. Four attributes of a positive safety culture:

Reporting: encouraging employees to divulge information about hazards that they encounter

Just: rewarding employees for providing essential safety-related information. Participation in Safety Incentive Programs throughout the year gives employees the opportunity to be rewarded for continuous safety improvement participation.

Employees may be held accountable for deliberate violations of the rules. Disciplinary measures shall be conducted in accordance with established policies outlined in the OCTA Disciplinary Action Policy.

Flexible: adapting to changing demands and reacting to events

Learning: willing to change based on safety indicators and hazards uncovered through assessments, reviews, data and incidents.

Safety Performance Target: A performance target related to safety management activities.

Safety Risk Management Approach: The formal processes the agency uses to identify hazards, analyze, and assess safety risks, and develop, implement, and evaluate risk controls.

Safety Training Program: A comprehensive safety training program for agency staff that ensures staff are trained and competent to perform their safety duties.

Serious Injury: Any injury which: (1) requires hospitalization for more than 48 hours, commencing within seven days from the date the injury was received; (2) results in a fracture of any bone (except simple fractures of fingers, toes, or noses); (3) causes severe hemorrhages, nerve, muscle, or tendon damage; (4) involves any internal organ; or (5) involves second or third degree burns, or any burns affecting more than five percent of the body surface.

Source: NTD Safety and Security Reporting Manual

Fatality: A death or suicide confirmed within 30 days of a reported event. Does not include deaths in or on transit property that are a result of illness or other natural causes; a death due to, collision (including suicides), fire, hazardous material spill, acts of God, system or personal security event (including suicides), and other safety events.

Source: National Public Transportation Plan Performance Measures

Fatalities: Total number of reportable fatalities and rate per total vehicle revenue miles by mode.

Injuries: Total number of reportable injuries and normalized rate per total vehicle revenue miles by mode.

Safety Events: Total number of reportable events and rate per total vehicle revenue miles by mode.

Other Safety Events: Include but are not limited to slips, trips, falls, smoke, power failure, maintenance-related issues, or electric shock. To be reported as a major event, these events must either meet the fatality, evacuation, or property damage threshold or result in two or more injured persons. Other safety events that cause only one person to be immediately transported from the scene for medical attention, and that do not trigger any other reporting threshold, are reported on the Non-Major Monthly Summary Report form. The FTA includes other safety events that occur in a transit maintenance facility and meet a reporting threshold but continues to exclude occupational safety events occurring in administrative buildings.

Note: *Definitions from the U.S. Department of Transportation, FTA should be applied uniformly across the entire agency, to ensure safety performance measures are accurate agency wide and SMS is applied systematically.*

**PUBLIC TRANSPORTATION AGENCY SAFETY PLAN
FOR THE
ORANGE COUNTY TRANSPORTATION AUTHORITY**

1. INTRODUCTION

OCTA was created in 1991, consolidating the functions of seven separate transportation agencies, including the Orange County Transportation Commission, the Orange County Transit District, the Consolidated Transportation Services Agency, the Orange County Local Transportation Authority, the Orange County Service Authority for Freeway Emergencies, the Orange County Congestion Management Agency, and the Orange County Service Authority for Abandoned Vehicles. OCTA is served by 17 Board Members.

OCTA's 17-member Board consists of five County Supervisors, ten city members, and two public members. The District Director of the California Department of Transportation (Caltrans), District 12, serves as an ex-officio member. The Board of Supervisors are elected by supervisorial districts to a four-year term. City members are appointed by the Orange County City Selection Committee to a two-year term. Public members are appointed by the OCTA Board to a four-year term. Ex-officio member, Caltrans District 12, District Director, is appointed by the Governor to a four-year term Public Utilities Code Section 130052(d).

The Chief Executive Officer (CEO) reports directly to the OCTA Board; the Deputy CEO reports to the CEO and is tasked with the duties of "acting CEO" in the absence of the CEO. The Deputy CEO is also tasked with reporting to the Board in the CEO's absence. The CEO is responsible for the daily management of all systems operated by OCTA and ensures federal, state, local, and agency safety requirements are being met.

Facilities and Bus Facilities:

OCTA owns and maintains five maintenance and operating bases, nine transportation centers, one administration location that supports the bus bases and transportation centers, and one rail maintenance service facility. Additionally, there are support facilities, terminals, park-and-ride terminals, employee parking lots, surplus properties, communications, and other miscellaneous locations. The facilities are comprised of 47 buildings and structures totaling over 400,000 square feet. The structures are situated on 80 acres of property throughout Orange County with an initial capital cost of more than \$50 million dollars.

The primary physical elements of the OCTA bus system are facilities and buses. The five maintenance and operating bases operate 24 hours per day, seven days a week, 365 days a year. The five bases are as follows:

- Base 1 - Santa Ana
- Base 2 - Irvine Construction Circle (Paratransit)
- Base 4 - Garden Grove
- Base 6 - Anaheim (Contracted Fixed-Route)

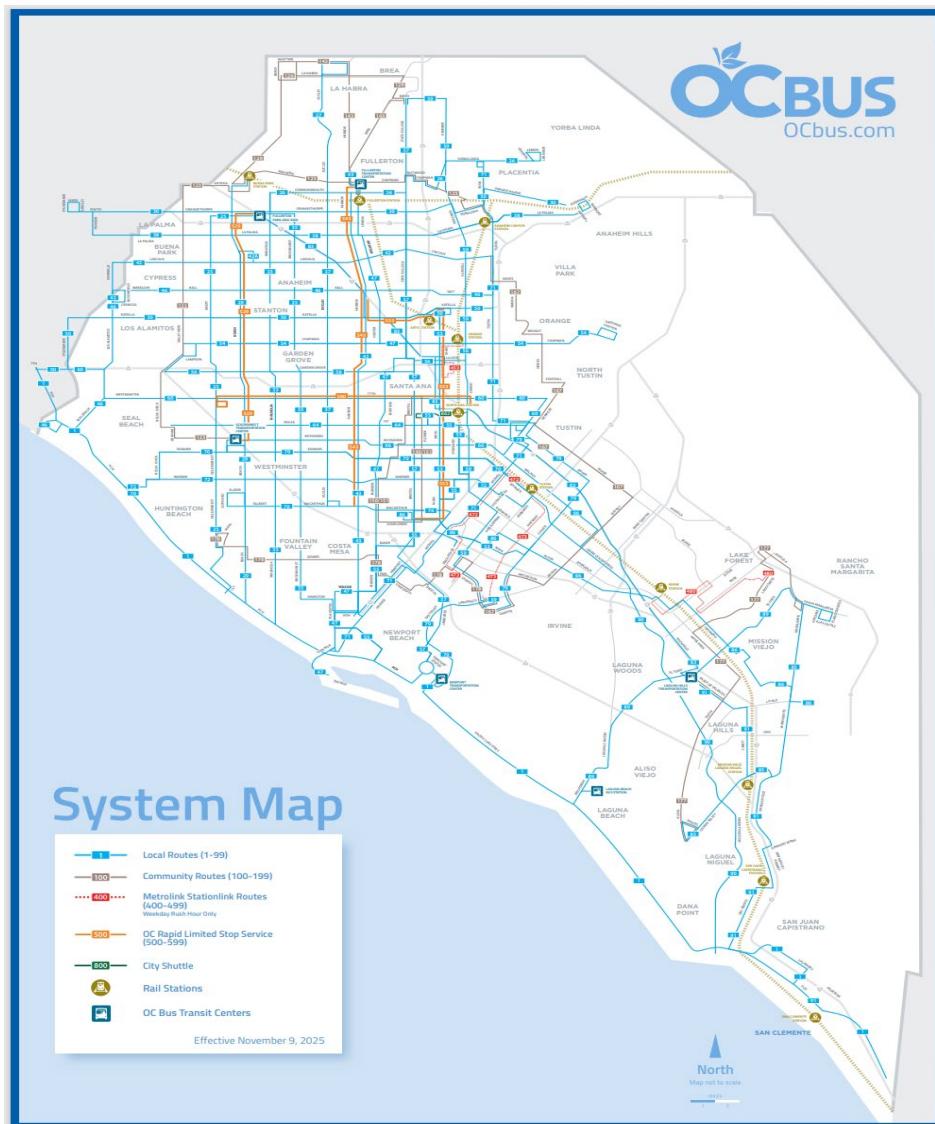
- Base 7 - Irvine Sand Canyon (Contracted Fixed-Route)
- OC Streetcar Maintenance Storage Facility - Santa Ana

Bus Service and System Description

OCTA's bus system operates 58 routes that serve over 5,000 bus stops which operate over a 798 square-mile area in 34 cities and unincorporated areas. OCTA routes include local, rapid, and community routes which travel between cities and Stationlink service that connects Orange County Metrolink stations with major employment centers. Figure 1 depicts the OCTA system map.

Figure 1

THE OCTA SYSTEM MAP



OC Streetcar Service and System Description

The OC Streetcar is a 4.15-route-mile (8.3-track-mile) modern streetcar line that connects the Santa Ana Regional Transportation Center to Downtown Santa Ana and a new transportation hub located near the intersection of Harbor Boulevard and Westminster Avenue in the City of Garden Grove. The OC Streetcar will also serve the City of Santa Ana, the fourth most densely populated city with a population of over 300,000.



**PUBLIC TRANSPORTATION AGENCY SAFETY PLAN
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2. TRANSIT AGENCY INFORMATION

Transit Agency Name	Orange County Transportation Authority - OCTA
Transit Agency Address	550 South Main Street Orange, CA 92868
Name and Title of Accountable Executive	Darrell E. Johnson, OCTA Chief Executive Officer
Name of Chief Safety Officer or SMS Executive	Matthew DesRosier
Mode(s) of Service Covered by This Plan	<p>Bus (Directly Operated and Contracted) Paratransit (Contracted) Streetcar (Contracted)</p> <div style="border: 1px solid black; padding: 5px; width: fit-content;"> List all FTA Funding Types 5307, 5309, 5310, 5337, 5339 </div>
Mode(s) of Service Provided by the Transit Agency (Directly operated or contracted service)	Bus, Vanpool, Demand Response Taxi, Paratransit Services, and Streetcar
Does the Agency Provide Transit Services on Behalf of Another Agency or Entity?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description of Arrangements: OCTA operates ADA service on behalf of the Laguna Beach Trolley, Anaheim Transit Network, Irvine Connect, and Project V community shuttles.
Name and Address of Transit Agency(ies) or Entity(ies) for Which Service Is Provided	N/A

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**PUBLIC TRANSPORTATION AGENCY SAFETY PLAN
FOR THE
ORANGE COUNTY TRANSPORTATION AUTHORITY**

3. PLAN DEVELOPMENT, APPROVAL, AND UPDATES

Name of Entity That Drafted This Plan	Orange County Transportation Authority	
	Original Plan Adoption Date: May 11, 2020	
	Signature of Accountable Executive	Date of Signature
Signature by Accountable Executive		
Approval by the Board or an Equivalent Authority	Name of Individual/Entity That Approved This Plan	Date of Approval
	Orange County Transportation Authority Executive Committee	
	Orange County Transportation Authority Board of Directors	
	Relevant Documentation (title and location)	
	Name of Individual Entity That Certified This Plan	Date of Certification
	Matthew DesRosier, Chief Safety Officer	
	Joint Labor Management Safety Committee	12/29/2025

Version Number and Updates - Record history of successive versions of this plan.			
Version Number	Section/Pages Affected	Reason for Change	Date Issued
2	19, 33, 37, 40, 45, 52, 56, 61	Appendix A, OTS process, configuration process updates	06/30/2021
3	16, 17, 19, 47	Annual Review, Managements Commitment, Adjust Miles Between Road Calls data Appendix A	2/15/2023
4	1	Date change	11/22/2024
4	11, 13	OC Streetcar	11/22/2024
4	18	Removal of Beth McCormick as signatory (retired)	11/22/2024
4	28	Joint Labor Safety Committee responsibilities	11/22/2024
4	17, 40, 50	Joint Labor Management Safety Committee referenced	11/22/2024
4	49	Appendix A – 2025 Implementation Actions	11/22/2024
4	62	Workplace Violence Policy and Joint Labor Management Safety Committee Policy referenced	11/22/2024
4	19, 30	Addition of Rose Casey and Kristin Jacinto	1/10/2025
4	20, 21	Safety Performance Targets	1/16/2025
5	16	CEO Signature updated with each revision	11/01/2025
5	39	Risk-Based Inspection	11/01/2025
5	19, 33	Remove Kia Mortazavi	11/20/2025
5	23	Safety Performance Targets updated - include Streetcar placeholder	11/20/2025

Annual Review and Update of the PTASP

Due to the implementation of 49 CFR Part 673, OCTA is required to annually submit the current PTASP to the Board for review and approval, along with an annual safety report. The annual review of the PTASP will be conducted by the Accountable Executive, the Chief Safety Officer and the SMS Program Manager each calendar year, no later than March 31. No proposed change will be incorporated into the PTASP until it has been reviewed by the Joint Labor Management Safety Committee and approved by the CEO and the Board. Annual review and updating of the PTASP will consist of the CEO submitting it to the Board for review. All changes to the PTASP are recorded in the PTASP Activity Log displaying the version number, section/pages affected, the reason for change, and the date of the change.

Necessary updates outside the annual update will be bulletins, which will be incorporated in the body of the PTASP each year for approval. Any division executive director or other official may submit a proposed change at any time for review and adoption. Proposed changes are submitted to the Chief Safety Officer and a determination is made whether to convene a special SMS/PTASP Committee meeting, or to include the matter on the agenda for the regular SMS/PTASP Committee monthly meeting.

Management / Executive Commitment

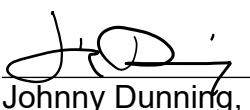
The individuals signing this PTASP attest all items and conditions contained in this plan are understood, accepted, recommended, and supported; they are committed to the implementation of this PTASP and achieving intended objectives.



Jennifer L Bergener, Deputy Chief Executive Officer,

4/27/2020

Date



Johnny Dunning, Chief Operations Officer

11/17/2022

Date



Andrew Oftelie, Chief Financial Officer

4/24/2020

Date



Maggie McJilton, Executive Director, People and Community Engagement

4/24/2020

Date



Jim Beil, Executive Director, Capital Programs

4/24/2020

Date



Rose Casey, Executive Director, Planning

1/10/2025

Date



Kristin Jacinto, Executive Director, Government Relations

1/10/2025

Date



Matt DesRosier, Manager, Health, Safety & Environmental Compliance, Chief Safety Officer

4/24/2020

Date

PUBLIC TRANSPORTATION AGENCY SAFETY PLAN
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4. SAFETY PERFORMANCE TARGETS

Safety performance management is a critical tool that supports OCTA in identifying safety concerns and monitoring progress in safety improvements. OCTA has developed the following safety performance targets to focus on its commitment to safety and meet federal requirements.

NTD	Objective	Metric/Rate	Target
B U S	Reduce Major Events	Per 100K VRM	0.19
	Reduce Collision Events	Per 100K VRM	0.14
	Reduce Pedestrians Collisions Events	Per 100K VRM	0.01
	Reduce Vehicular Collisions Events	Per 100K VRM	0.12
	Reduce Injuries	Per 100K VRM	0.35
	Reduce Transit Worker Injuries	Per 100K VRM	0.02
	Reduce Assaults on Transit Workers	Per 100K VRM	0.04
	Reduce Fatalities	Per 100K VRM	0.00
	Transit Worker Fatalities	Per 100K VRM	0.00
	Maintain System Reliability	Miles between Road Calls	1 per 14K VRM

* These targets are based on a three-year rolling average of the data submitted to the National Transit Database (NTD); for all modes of public transportation; OCTA must allocate not less than 0.75 percent of its section 5307 funds to safety-related projects eligible under section 5307 if there is a failure to meet targets.

* Safety performance targets are calculated on a calendar year basis.

NTD	Objective	Metric/Rate	Target
P A R A T R A N S I T	Reduce Major Events	Per 100K VRM	0.04
	Reduce Collision Events	Per 100K VRM	0.04
	Reduce Pedestrian Collision Events	Per 100K VRM	0.00
	Reduce Vehicular Collisions Events	Per 100K VRM	0.04
	Reduce Injuries	Per 100K VRM	0.05
	Reduce Transit Worker Injuries	Per 100K VRM	0.00
	Reduce Assaults on Transit Workers	Per 100K VRM	0.00
	Reduce Fatalities	Per 100K VRM	0.00
	Transit Worker Fatalities	Per 100K VRM	0.00
	Maintain System Reliability	Miles between Road Calls	1 per 25K VRM

* These targets are based on a three-year rolling average of the data submitted to the National Transit Database (NTD); for all modes of public transportation; OCTA must allocate not less than 0.75 percent of its section 5307 funds to safety-related projects eligible under section 5307 if there is a failure to meet targets.

* Safety performance targets are calculated on a calendar year basis.

NTD	Objective	Metric/Rate	Target
S T R E E T C A R	Reduce Major Events	Per 100K VRM	TBD
	Reduce Collision Events	Per 100K VRM	TBD
	Reduce Pedestrian Collision Events	Per 100K VRM	TBD
	Reduce Vehicular Collisions Events	Per 100K VRM	TBD
	Reduce Injuries	Per 100K VRM	TBD
	Reduce Transit Worker Injuries	Per 100K VRM	TBD
	Reduce Assaults on Transit Workers	Per 100K VRM	TBD
	Reduce Fatalities	Per 100K VRM	TBD
	Transit Worker Fatalities	Per 100K VRM	TBD
	Maintain System Reliability	Miles between Road Calls	TBD

Safety Performance Target Coordination

Describe the coordination with the State and Metropolitan Planning Organization(s) (MPO) in the selection of State and MPO safety performance targets

OCTA will foster agency-wide support for transit safety and will provide copies of their PTASP and additional information as requested to Southern California Association of Governments (SCAG) and California Public Utilities Commission (CPUC). Additionally, OCTA will evaluate agency Safety Performance Targets annually; the updated targets will be shared with the SCAG, and CPUC.

Targets Transmitted to the State	State Entity Name	Date Targets Transmitted
	CPUC	
Targets Transmitted to the Metropolitan Planning Organization(s)	Metropolitan Planning Organization Name	Date Targets Transmitted
	SCAG	

**Represented safety targets are benchmarked against similar streetcar/light rail transit agencies and are not intended to reflect the performance of the OC Streetcar. Actual performance metrics will be developed once sufficient historical data from the OC Streetcar becomes available.*

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5. SAFETY MANAGEMENT POLICY (673.23)

5.1 Safety Management Policy Statement - 673.23 (a)

OCTA is committed to developing, implementing, maintaining, and constantly improving processes to make sure all transit service delivery activities take place under a balanced allocation of organizational resources, aimed at achieving the highest level of safety performance and meeting standards. All levels of management and employees are accountable for the delivery of the highest level of safety performance, starting with the OCTA CEO.

OCTA managers, personnel, and outside contractors are responsible for promoting the safety of customers, employees, property, and the public who encounter OCTA's transit services. Every employee must practice workplace safety, use equipment, tools, and materials properly, and be trained in the work rules and procedures for their area of responsibility, including contingency plans for abnormal and emergency conditions. Each employee and contractor shall take an active part in the hazard identification and reporting process.

OCTA commitment is to:

- Support the management of safety through the provision of appropriate resources to result in an organizational culture that fosters safe practices, encourages effective employee safety reporting and communication, and actively manages safety with the same attention to results as paid to other management systems of the organization;
- Integrate the management of safety as a primary responsibility of all managers and employees;
- Clearly define for all staff, managers, and employees alike, their accountability and responsibility for the delivery of the organization's safety performance and the overall performance of OCTA's safety management system;
- Establish and operate hazard identification and analysis, and safety risk evaluation activities, including an employee safety reporting program as a fundamental source for safety concerns and hazard identification. Eliminate or mitigate safety risks and hazardous consequences resulting from OCTA's operations or activities to a level that is acceptable and consistent with safety performance;
- Ensure no action will be taken against any employee who discloses a safety concern through the employee safety reporting program, unless disclosure indicates an illegal act, gross negligence, or a deliberate or willful disregard of regulations or procedures;
- Comply with, and wherever possible exceed, legislative and regulatory requirements and standards;

- Ensure sufficiently skilled and trained PACE staff are available to implement safety management processes;
- Ensure all staff are provided with adequate and appropriate safety-related information and training, are competent in safety management matters, and are allocated only tasks commensurate with their skills;
- Establish and measure OCTA's safety performance against realistic and data driven safety performance indicators and safety performance targets;
- Continually improve OCTA's safety performance through management processes that ensure appropriate safety management action is taken and is effective; and
- Ensure externally supplied systems and services to support OCTA's operations are delivered to meet OCTA's safety performance standards.

5.2 Process for Reporting Unsafe Conditions-673.23(b)

Employees are required to embrace OCTA's safety goals and objectives and encouraged to report safety concerns, issues, or hazards. OCTA's employees have a duty to report any unsafe conditions to their supervisor, manager, union steward, safety committee member, safety staff, the Accountable Executive, or the SMS Program Manager. The safety staff works with managers and employees to facilitate the reporting of hazards using email, telephone, and in-person reporting. Moreover, employees may report safety concerns, issues, or hazards through the safety department intranet page, Ri2, and Ethicspoint, OCTA's ethics hotline.

OCTA Health, Safety & Environmental Compliance Intranet Page

The OCTA intranet homepage provides employees with links to the intranet pages for each division in the agency. By selecting "Organization" on the main menu bar and then scrolling to the appropriate division, employees have access to the that division's intranet page. On the Health, Safety and Environmental Compliance page, employees may use the "Big Red Button" to submit a safety concern or get access to safety policies and information. The reporting of unsafe conditions through the "Big Red Button" are managed by the CSO and is a closed loop process that is resolved within 14 business days.

The Routes Issues and Information Reporting Program (Ri2) affords OCTA coach operators the ability to enter information related to safety concerns, issues, or hazards into an electronic risk forum. OCTA responds to Ri2 submissions and typically resolves the report within 14 business days. During the resolution process, coach operators have the ability to log in and check the progress or status of their Ri2 submission.

OCTA's Ethicspoint number is available for any employee, outside contractor, or member of the public to anonymously report any safety hazards, suspected fraud, waste, abuse, illegal or unethical behavior. The report is confidential. Reports to Ethicspoint will be administered by the Internal Audit Department for review and investigation by the appropriate department.

OCTA is committed to fair treatment of all its employees and recognizes its responsibility under state and federal law to protect from punishment and harassment, any person who reports an issue, whether the allegation is found to have merit. OCTA shall not take any action or threaten any action against any employee as a reprisal for making a report unless the report was made, or the information was disclosed with the knowledge that it was false or with willful disregard for its truth or falsity. Policy violations will be managed through OCTA's Human Resources Department.

5.3 Safety Management Policy Communication-673.23(c)

OCTA staff is informed of their responsibilities related to safety and SMS during onboarding, within their individual job descriptions, and receive an annual performance evaluation that includes safety related evaluation criteria. Additionally, each employee is required to acknowledge through signature that they have received a written copy of OCTA's Safety Management Policy Statement. Signed copies will be filed within individual employee files. OCTA will provide additional safety information via the intranet, newsletters, safety bulletins, and audio-visual monitors in break rooms.

5.4 Authorities, Accountabilities, and Responsibilities-673.23(d)

The purpose of the PTASP is to maintain a formal safety program and establish a coordinated safety effort responsive to the needs of the operating and support departments, and make sure all personnel and contractors are working toward the common goal of minimizing the occurrence of customer and employee incidents by providing safe revenue service to our customers and a safe work environment for our employees.

Board of Directors

The 17-member Board receives staff reports and considers staff recommendations that have the potential to impact operational safety. The Board makes policy-level decisions and follows established protocol for voting on actions that guide OCTA's operations. OCTA Board Members also serve on smaller committees, which are intended to provide more detailed information and specifically focus on different functional areas of OCTA. The various Board committees that review and recommend actions that have potential safety and environmental impacts include the Executive Committee, which safety related items are brought before, the Legislative and Communications Committee, the Regional Planning and Highways Committee, and the Transit Committee.

Executive Staff

Executive staff refers to the CEO, Deputy CEO, Chief Financial Officer, Chief Operating Officer (COO), Division Executive Directors, and Division Directors. The CEO is the OCTA Accountable Executive and reports directly to the Board; the Deputy CEO reports to the CEO and is tasked with the duties of "acting CEO" in the absence of the CEO. The Deputy CEO is also tasked with reporting to the Board in the CEO's absence. The CEO

is responsible for the daily management of all systems operated by OCTA and ensures federal, state, local, and agency safety requirements are being met. CSO and executive staff directs the utilization of available resources as necessary to achieve safety goals and objectives. This management level exercises approval authority for major system modifications and facilitates coordination of safety efforts.

Divisions/Departments

The People and Community Engagement (PACE) Division, led by the Executive Director of PACE, is responsible for planning, directing, and evaluating the effectiveness of all the PACE Division systems, policies, and practices, as well as related administrative functions. PACE includes the Marketing and Public Outreach Departments, which are responsible for the marketing and public outreach programs in support of OCTA projects, services, and initiatives. Additionally, PACE includes the Human Resources Department, which includes Labor and Employee Relations, Equal Employment Opportunity/Affirmative Action, ADA general program and Title VI, Learning and Development Department, Risk Management Department, and Health, Safety and Environmental Compliance Department.

The Operations Division, led by the COO, is responsible for all operational functions in the authority: bus, streetcar, rail, and paratransit. Operations provides highly complex and responsible direction for multiple transit departments and administrative programs. Operations is also responsible for creating policy and strategic direction as well as planning the operational functions of the agency.

The Planning Division, led by the Executive Director of Planning, is responsible for ensuring the coordination of activities and integration of effort, overseeing, evaluating, and managing the work of agency staff and contractors conducting the strategic planning, policy development, environmental studies, design, and community relations activities to deliver highly complex multimodal transportation planning. Planning is also responsible for creating policy and strategic direction as well as planning, directing, and evaluating the effectiveness of all Planning Division's systems, policies and practices, and related functions.

The Finance and Administration Division, led by the Chief Financial Officer, is responsible for the direction of the overall programs/activities of the Treasury Department, Contracts Administration and Materials Management, Accounting and Financial Reporting, Financial Planning and Analysis, General Services, and leads the Finance and Information Systems.

The Capital Programs Division, led by the Executive Director of Capital Programs, is responsible for the oversight, evaluation, and management of the division's activities to deliver highly complex multimodal transportation rail, high-speed rail, and highway programs. The division is also responsible for creating policy and strategic direction as well as planning, directing, delivering, and evaluating the effectiveness of all division systems, policies and practices, and related functions.

The Government Relations Division, led by the Executive Director of Government Relations, is comprised of State and Federal Relations, a Grants section, and the Regional Initiatives Department. The Government Relations Division is responsible for monitoring, analyzing, and responding to government actions and decisions that affect how OCTA receives funding, plans for projects, and delivery of services. Government Relations also maintains an active presence at all levels of government to ensure OCTA's interests are well represented in these various forums.

Staff Positions

Directors, Managers Roles, and Responsibilities

All directors and managers are accountable and responsible for:

- Implementing the safety risk management, safety assurance, and safety training and communication protocols of their department;
- Safety performance within their functional areas;
- Ensuring procedures are consistent with the SMS;
- Determining and implementing countermeasures required to counteract safety risks and manage issues that negatively impact OCTA safety performance;
- Ensuring that all employees are trained in SMS;
- Supporting and requiring employees within their department to participate in safety training activities;
- Integrating SRM into existing processes;
- Requiring that all relevant safety information is communicated and used in decision making;
- Providing information to the CEO, COO, Executive Directors, and Health, Safety, and Environmental Compliance, as appropriate;
- Ensuring that all system changes are coordinated with HSEC and documented; and
- Cooperating with and providing support for evaluations and reviews conducted by HSEC.

Supervisor Roles and Responsibilities

Supervisors are accountable and responsible for:

- The safety performance of all personnel and equipment under their supervision;
- Implementing and maintaining safety-related control measures/mitigations;
- Familiarizing employees with the safety requirements and hazards associated with the work to be performed;
- Responding to identified hazards that may impact safety performance;
- Reporting all mishaps and incidents to HSEC;
- Sharing lessons learned from incidents; and
- Implementing and adhering to SMS procedures and processes within their span of control.

Employee Responsibilities

All OCTA employees are responsible for:

- Becoming familiar with the safety procedures for their assigned work activity;
- Performing their work safely;
- Following procedures and rules;
- Calling attention to hazards that may impact safety performance; and
- Reporting mishaps and incidents to their supervisor, in accordance with established requirements for the protection of themselves, co-workers, customers, facilities, and equipment.

Joint Labor Management Safety Committee

The committee must consist of an equal number of frontline employee representatives, selected by a labor organization representing the plurality of the frontline workforce or a contractor to the recipient, to the extent frontline employees are represented by labor organizations, and management representatives.

(Reference PACE-HSEC-480.11JOINT, Joint Labor-Management Safety Committee Policy)

The Safety Committee is responsible for:

- Identifying and recommending risk-based mitigations or strategies necessary to reduce the likelihood and severity of consequences identified through the agency's safety risk assessment;
- Identifying mitigations or strategies that may be ineffective, inappropriate, or were not implemented as intended;
- Identifying safety deficiencies for purposes of continuous improvement;
- Setting annual safety performance targets for the safety risk reduction program; and
- Reviewing and approving any updates of the PTASP.

Contractors

OCTA is responsible for facilitating communication between internal stakeholders and outside contractors. All contractors are responsible for compliance with this PTASP and 49 CFR Part 673. The contractor is responsible for collecting, reviewing for accuracy, and submitting contract/performance-related information and data to OCTA Operations Management monthly. The contractor is required to comply with all OCTA SMS policies and procedures, reporting and submission requirements, including those required for hazard identification and analysis, the NTD submission, and preparing all required data for OCTA to report. OCTA's SMS Program Manager will receive SMS data from OCTA contractors, according to the agreed upon schedule, monitor and measure the

contractor's safety performance through the data provided, and report to the CSO and the PTASP SMS Committee quarterly.

Additionally, the contractor must provide OCTA access to all work, materials, payroll, and other data, records, and accounts maintained by the contractor for reviewing purposes. Any review findings requiring corrective action must be corrected by the contractor and checked by OCTA to ensure they have been corrected.

Contractors are required to provide training to employees on a scheduled basis, which includes refresher training. The contractor is required to make sure that their staff receives training applicable to requirements of jobs performed. Training is related to knowledge and operation of equipment, dealing with the public, sensitivity to persons with disabilities, knowledge of various kinds of disabilities, rules and procedures of OCTA services, and other areas of knowledge and proficiency which shall enable personnel to perform their jobs and meet the requirements of the contract. OCTA reserves the right to review training activities at its discretion.

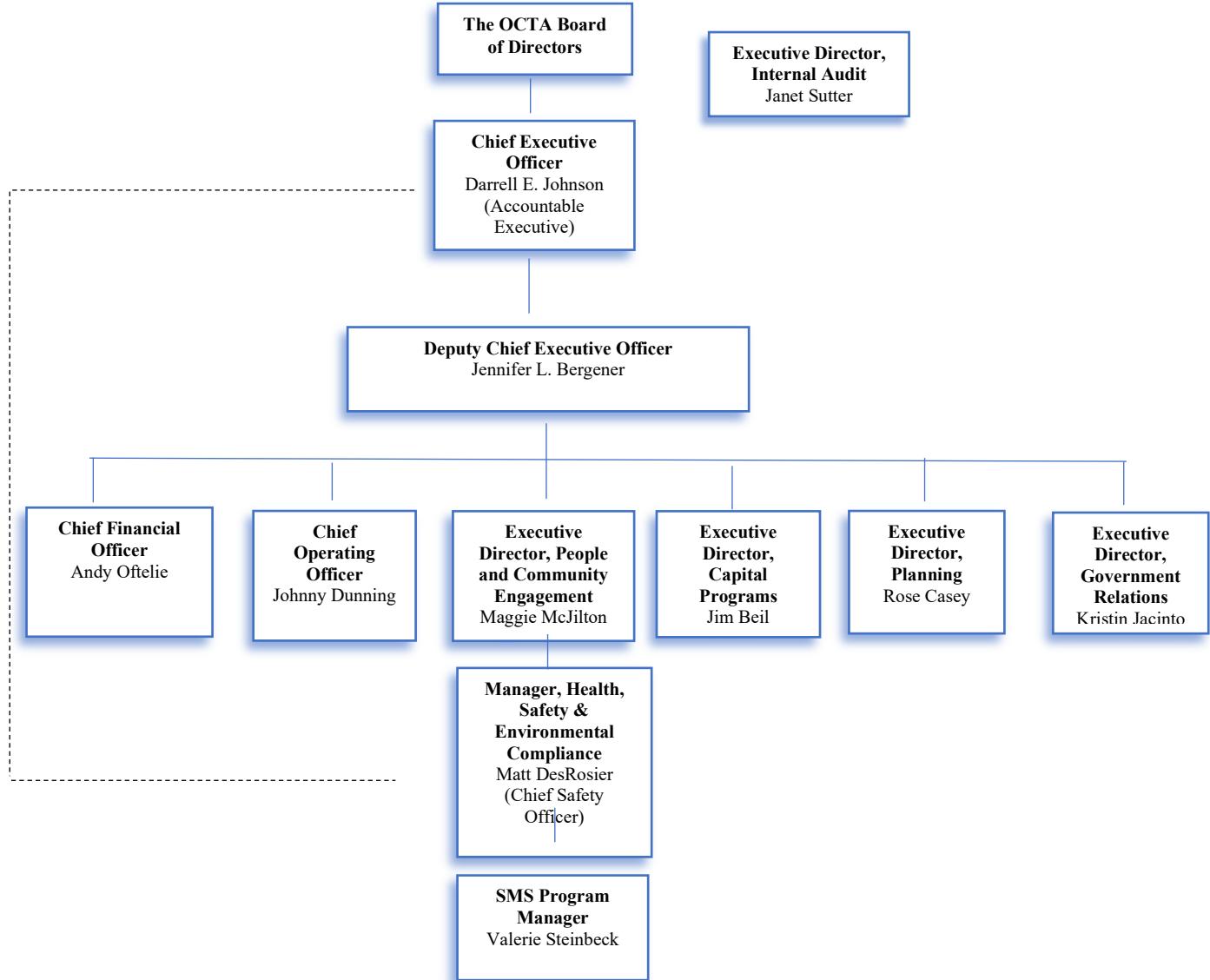
Lines of Authority for Safety:

The HSEC Department, led by the HSEC Manager/CSO, reports directly to the CEO through a dotted line and reports administratively daily to the Executive Director of PACE. The HSEC Manager/CSO, is responsible for the development, implementation, and administration of environmental, health, and safety, procedures, and programs designed to ensure regulatory compliance, minimize hazards, and promote a culture of safety. Provides leadership, technical expertise, and strategic planning for implementing employee safety programs, fleet and construction safety, and environmental compliance. HSEC assists all departments in maintaining a safe and secure environment by providing guidance in identifying and evaluating hazards and vulnerabilities and minimizing the hazardous conditions and/or vulnerabilities to their lowest achievable level.

The CSO oversees SMS, the SMS Program Manager, and is the chair of the SMS/PTASP Committee(s). The HSEC Department consists of a CSO, SMS Program Manager, and safety staff to achieve its safety responsibilities as outlined in this document.

Figure 2

Executive Management Reporting



Chief Safety Officer (CSO)

The CSO takes a proactive approach by performing the following activities:

- Manages and implements the PTASP, as well as answers any questions regarding the agency's Transit Safety Plan;
- Chairs the SMS/PTASP Committee meetings;
- Leads OCTA in the implementation of the Safety Management System throughout the agency;
- Participates in formal meetings with the FTA, CEO, and other OCTA management on safety issues;
- Reports safety performance measures/targets to the MPO; and
- Develops and implements safety policies, procedures, and programs risk identification, evaluation, control, funding, and administration.

SMS Program Manager

Assists the CSO in all functions and takes the lead in the following safety functions:

- Co-chairs the SMS/PTASP Committee meetings;
- Promotes and coordinates the Safety Management System methodology within the agency;
- Participates in formal meetings with the FTA, CEO, and other management on safety issues;
- Investigates employee and vehicle accidents, incidents, and injuries; assists in developing programs to reduce injuries;
- Serves as OCTA's main contact with other agencies related to safety programs and procedures and prepares case records, documents, and data required by such agencies;
- Compiles and analyzes safety statistics; produces reports, records, documents, and manifests; accesses and updates database files;
- Coordinates staff safety meetings and attends meetings, conferences, and group functions related to safety;
- Conducts training sessions relating to safety;
- Identifies health and safety concerns, analyzes reports and information, develops programs for accident/injury prevention, and submits recommendations to reduce frequency of accidents;
- Identifies safety concerns and issues, and participates in the design and implementation of safety policies and procedures;
- Performs hazard analyses as necessary;
- Tracks hazards and corrective actions; and
- Performs other job-related duties, as directed.

To ensure transit operations are conducted in the safest manner possible, all appropriate personnel have been assigned safety and SMS-related responsibilities, Table 1: Safety

Roles and SMS Responsibilities. In addition, within OCTA, each department/function provides distinct roles and carries out specific responsibilities to ensure the safety of passengers, employees, local responders, and the community served.

Safety Task Roles and Responsibilities

SAFETY TASKS	SSO	Accountable Executive / Executive Dept.	Operations Management	Safety	Security and EP	Finance / CAMM	TTS / Engineering	PACE / Risk Management	Planning & Development	Internal Audit	D-Daily M-Monthly Q-Quarterly Y-Yearly AR-As Required
Safety Management Policy Statement	A	P	P	P	S	S	S	S	S	S	AR
Develop PTASP	A	P	P	P	RC	RC	RC	RC	RC	RC	AR
Update PTASP	A	P	P	P	RC	RC	RC	RC	RC	RC	AR
Liaison with State Safety Oversight	N/A	S	S	P	S	S	S	S	S	S	AR
External PTASP Reviews	P	S	S	P	S	S	S	S	S	S	AR
Conduct Internal Safety Assessment/Reviews	A	A	S	P	S	S	S	S	S	P	Y
Internal Safety Reporting and Program Monitoring	A	S	S	P	S	S	S	S	S	S	AR
Safety/Security Certification	RC	A	P	P	P	S	P	S	S	S	AR
Develop Emergency Response Plans	A	A	S	S	P	S	S	S	S	S	Y
Safety Hazard, Near-Miss, and Incident Identification and Reporting	RC	P	P	P	P	P	P	P	P	P	AR
Collect and analyze all safety data and measurements	RC	S	P	P	S	S	S	S	S	S	AR
Collect and analyze all security data and measurements	RC	S	P	S	P	S	S	S	S	S	D
Maintain database of safety statistics, measurements, trends	RC	S	P	P	S	S	S	S	S	S	D
Maintain database of security statistics, measurements, trends	RC	S	P	S	P	S	S	S	S	S	D
Issue Accident/Incident Statistics and Reports	A	S	S	P	P	S	S	S	S	S	D
Review Passenger Accident Trends	RC	S	P	S	S	S	S	S	S	S	M
Conduct Accident/Incident Investigations	A	A	P	P	P	S	S	S	S	S	AR

Report required threshold Accidents to Outside Agencies (SSO, FTA)	A	A	P	P	S	S	S	S	S	S	AR
Safety Risk Assessments	RC	A	P	P	P	P	P	S	P	S	AR
Hazard/Risk Management and Mitigations	A	S	P	P	P	S	P	S	P	S	AR
Design Reviews	RC	S	P	P	P	S	P	S	P	S	AR
Change Control	N/A	S	P	S	S	S	P	S	S	S	AR
Safety Training Program	RC	A	P	P	S	S	S	S	S	S	AR
Security Training Program	RC	A	P	S	P	S	S	S	S	S	AR
Safety Communication	RC	S	P	P	P	S	P	S	S	S	AR
Occupational Safety and Health Program Compliance	RC	P	P	P	S	S	S	S	S	S	AR
Security and Emergency Response Program Compliance	RC	P	P	P	P	S	S	S	S	S	AR
Maintain accident record keeping, employee injury reporting forms, and related data	RC	S	S	P	S	S	S	S	S	S	AR
Provide claims administration and investigation	RC	S	S	S	S	S	S	P	S	S	D
CAPs	A	S	P	P	P	S	P	S	S	S	D
Contractor Oversight and Compliance Assurance	RC	S	S	P	S	S	S	S	S	S	AR
PTASP Documentation Control	RC	S	S	P	S	S	S	S	S	S	AR

Legend:

A	Approval	The identified participant(s) is (are) responsible for approval of specified documentation
P	Primary Task Responsibility	The identified participant(s) is (are) responsible for the preparation of the specified documentation.
S	Secondary or Support Task Responsibility	The identified participant(s) is (are) to provide the necessary support to accomplish and document the task.
RC	Review and Comment Responsibility	The identified participant(s) may review and provide comments on the task or requirement.

6. SAFETY RISK MANAGEMENT (673.25)

6.1 Safety Risk Management Process 673.25(a)

Safety Risk Management promotes the identification of hazards before they escalate into accidents or incidents, assesses safety risk, and establishes necessary mitigations. The Safety Risk Management process is comprised of the following activities: safety hazard identification, safety risk assessment, and safety risk mitigation.

6.2 Safety Hazard Identification 673.25(b)

Hazard identification and resolution is a core element of the PTASP/SMS, emphasizing timely correction of unsafe conditions, anticipated and reconciled before serious accident, injury, or damage occurs. OCTA has the following hazard identification sources in place:

- Employee safety reporting;
- Safety observations;
- Inspections;
- Internal reviews;
- Internal safety investigations;
- Accident reports;
- Compliance programs;
- PTASP/SMS committee reviews;
- SMS data/Industry data;
- State and federal government sources (including CPUC and FTA); and
- Public feedback/complaints.

The objective of hazard identification and analysis is to identify and define as many hazardous conditions as possible and enter them into the hazard resolution process before those conditions or associated actions cause or contribute to an accident. Hazard identification is accomplished through on-site hazard identification, hazard reporting, and/or as each department or base manager collects and analyzes data to monitor trends. Departmental and base managers are responsible for investigating hazards and resolving such hazards within their departments utilizing the hazard management process identification/analysis delineated in Appendix A. When hazards cannot be resolved within the department, the Safety Department, CSO, and Accountable Executive are consulted for resolution.

Data gathered within each department is used to set the agenda for PTASP/SMS Committee meetings, where hazard data is discussed, evaluated, and disseminated to each representative departmental manager for use interdepartmentally and agency wide. The SMS Program Manager is responsible for preparing monthly data and trend analysis reports which are reviewed at monthly PTASP/SMS Committee meetings. The monthly report(s) are distributed throughout OCTA as part of safety promotion/communication strategies.

OCTA documents hazards that develop through multiple sources, such as employee reporting, accidents, incidents, leading or lagging indicators. OCTA also evaluates hazards to determine if multiple events occurred leading up to an event. This ensures each possible cause is evaluated and documented for trending purposes.

6.3 Safety Risk Assessment 673.25(c)

OCTA's hazard analysis process establishes processes to assess the safety risks associated with identified hazards. The process assesses the safety risk based upon predicted probability and severity of a hazard's potential consequences.

The probability that a hazard will occur during the planned life expectancy of the system element, subsystem, or component can be described subjectively in potential occurrences per unit of time, event, population, items, or activity. Supporting rationale for assigning a hazard probability are documented in hazard analysis reports.

The severity of a hazard is defined to provide a qualitative measure of the worst credible mishap resulting from operational risks, personnel error, environmental conditions, design inadequacies, and procedural deficiencies for a system, subsystem, or component failure or malfunction.

Safety Risk Assessment Request Process

The process allows OCTA employees to submit safety concerns, as a non-punitive safety reporting system. Hazards that are deemed by Operations and/or HSEC to be an immediate threat to safety, for example poor footing in walking areas, are expected to be immediately corrected. The process is as follows:

1. Employee reports hazards to supervisor/manager, safety committee member or union steward, or employee can enter a request through the safety department intranet site, Ri2, or Ethicspoint.
2. Report entered into and tracked in ORIGAMI
 - a. Once entered into the database, a tracking number is assigned, and a notification is sent to the requestor via email.
 - b. Primary Safety staff notified via email, reviewed for complete information, and route assignments; post updates as progress is made.
3. Review of issues – issues reviewed by Safety and other experts as needed.
4. Conclusions and actions to be taken – conclusions of the review guide follow-up actions to be taken.
5. Response to the requestor – primary Safety staff sends written report to conclusions and actions taken, once determined and completed.

6.4 Safety Risk Mitigation 673.25(d)

Hazards which cannot be eliminated are mitigated through engineering controls, administrative controls, or personal protective equipment. Hazards that pose an imminent

danger are expected to be immediately mitigated through the organization's stop work authority.

The Accountable Executive and the CSO have authority to implement operational changes that have safety implications. Accordingly, all hazard identification and analysis proceedings should result in the issuance of a report by the SMS Program Manager to the CSO. The report includes all pertinent data developed by the PTASP/SMS Committee on the identified hazard and risk evaluation process. A recommendation achieved by consensus of the committee is included, regardless of whether the recommendation is for a change in existing conditions or procedures, or for retention of the existing condition/risk. Any disagreement on the matter, or suggested negative ramifications of the recommendation, must also be included for review and consideration by the Accountable Executive.

The PTASP/SMS Committee Chair (CSO) discusses reports with the Accountable Executive; if required, the CSO will direct the SMS Program Manager to prepare a report based on the Accountable Executive's response to the recommendation, including all necessary data pertaining to the decision. If deemed necessary, the appropriate department will be directed to arrange any necessary field testing, pilot program, or controlled environment for developing additional information. Such testing may be requested by the Accountable Executive, CSO or the PTASP/SMS Committee and documented.

Hazards identified within the system are evaluated by appropriate staff and eliminated or mitigated to an acceptable level. The hazard analysis process has been developed to ensure the optimum level of safety is achieved through the expeditious resolution of hazards. In the event the hazard has been categorized as UNACCEPTABLE, the CSO is responsible for maintaining the necessary information, notifications, and CAPs. Figure 3, Risk Assessment Flow Diagram displays the risk assessment cycle.

6.5 Risk Based Safety Inspection Program 673.11(a)(6)(iii)

The Rail Transit Agency (RTA) must provide the SSOA with the data the RTA collects when identifying hazards and assessing and mitigating safety risks.

CPUC State Safety Oversight Agency Risk-Based Inspections

The CPUC has safety and security regulatory authority over all rail transit and other public transit fixed-guideway systems (referred to as RTAs) under Public Utilities Code Section 99152 and other California statutes.

The CPUC's SSO program is approved and certified by the FTA in accordance with the requirements of federal public transportation safety program law (49 United States Code §5329) and FTA's SSO regulation (49 Code of Federal Regulation Part 674).

The CPUC's Rail Transit Safety Branch (RTSB) implements its SSO program and focuses on verification of compliance with the PTASP, System Security Plan, Safety Certification

Plans, and other plans and procedures of the RTA to ensure that these plans meet all state and federal rules and regulations, and that RTAs are effectively implementing those plans and the RTA's adopted policies and procedures.

Under state laws and regulations, and federal regulations, CPUC has the authority to make announced (with advanced notice) and unannounced (without advance notice) inspections of all RTA activities, including infrastructure, equipment, records, personnel, and data.

Under the FTA Special Directive 22-25 issued to the CPUC, the CPUC RTSB has developed a Risk-Based Inspection Program and upon FTA approval will implement that program. Under the Special Directive requirements, the RTA must provide the State Safety Oversight Agency (SSOA) with the data the RTA collects when identifying hazards and assessing and mitigating safety risk. The RTSB has set forth the requirements for its RBI Program in the RTSB Program Standard Procedures Manual. The Special Directive requires that the CPUC acquire RTA safety, inspection, and maintenance data to analyze and review for any identifiable trends or findings to "inform" the prioritization of CPUC inspections.

As such, RTSB has met and consulted with each RTA regarding the specific records RTSB seeks to routinely acquire from the RTA as part of this process, and the frequency of RTA submittals of that information. RTSB has identified the records sets and the process for transmittal of the data and records to CPUC via a special mailbox (RBIdata@cpuc.ca.gov). Other data transfer methodologies may also be used such as SharePoint sites or file transfer protocol systems.

During those meetings with the RTAs, RTSB discussed with the RTAs:

- Protocols to be employed for both announced and unannounced inspections, including arranging announced inspections and expectation for accessing the RTA facilities for both announced and unannounced inspections;
- A program to educate RTA employees on the CPUC's authority to access RTA facilities under California law, and;
- RTA's expectation is that employees will cooperate with RTSB inspectors and be responsive to their requests for access, records or other information.

RTSB's RBI requirements and protocols established in accordance with Special Directive 22-25 requirements are contained in the RTSB program Standard in Section 1.5.0 - INSPECTIONS OF RAIL TRANSIT AGENCIES and Section 1.6.0 - RECORD REVIEWS, COLLECTION, AND ANALYSIS.

OCTA acknowledges the Commission's authority for developing the RBI processes and procedures in Sections 1.5.0 and 1.6.0 and will incorporate these requirements as the required RBI procedures applicable in California into its Agency Safety Plan.

OCTA complies with the authority of the CPUC by assisting in providing timely responses, data requests, records requests, and assistance while on OCTA property. OCTA works in partnership with the CPUC on safety certifications, event reports, system modifications, and construction consultations. OCTA recognizes CPUC's authority outlined in the Public Utilities Code and other state laws, and all OCTA employees and contractors are required to comply with CPUC representatives performing regulatory oversight in accordance with those laws.

OCTA will provide the CPUC the data it requests to help them with identifying hazards and in assessing and mitigating safety risks. Examples of data that will be shared include: CPUC

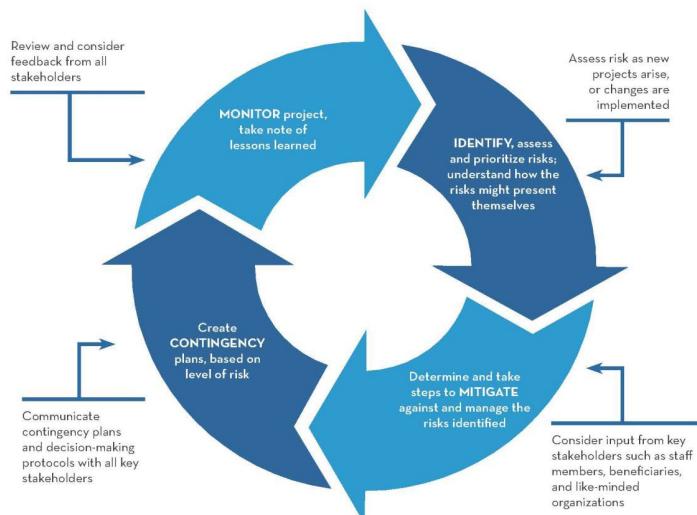
- Hazard records
- Mitigation records
- Event records
- CAPs
- Near-miss records
- Maintenance records
- Inspection records
- Records of failures and defects
- Major maintenance activity schedule and progress records
- Adherence to maintenance schedules

Data will be provided to the CPUC at frequencies as required in their program standard. Timeframes for providing the data will be dependent on the nature and scope of the request and will be based on an agreed schedule with the CPUC. However, urgent requests will be processed as expeditiously as possible. All requests for data must be submitted by OCTA's CSO or their designee. The designee will coordinate with the OC Streetcar operations and maintenance contractor to collect the requested data and submit it to CPUC in accordance with the agreed-upon schedule.

Figure 3

Risk Assessment Flow Diagram

The risk assessment cycle



Adapted from The Charity Commission

6.6 Emergency Preparedness

Integration with Public Safety and Emergency Management

Effective emergency preparedness, response, coordination, and training are essential elements to minimize loss resulting from an emergency or disastrous event. The objective of emergency preparedness and planning is to ensure fast, efficient response to emergencies or disasters in a manner that minimizes risk to the safety and health of passengers, employees, emergency response personnel, the community, and property.

Responsibilities for Emergency Preparedness

Responsibility of emergency preparedness planning, coordination, and training resides with OCTA management; however, the Security and Emergency Preparedness Department is responsible for providing a safe and secure environment with an "All Hazards" approach based on preparedness, protection, response, and recovery.

The primary OCTA Emergency Operations Center is located at the OCTA Administration Building, 600 South Main Street, Orange, CA 92868. OCTA's alternate EOC is located at the Garden Grove Annex.

The purpose of the EOC is to provide a facility from which the organization's response to an emergency can be coordinated effectively and to bring together all relevant information about the emergency in one place, organize that information into a useful format, and facilitate the coordination of resources needed to mitigate the effects of the emergency.

The EOC will provide a single focal point for centralized activities, which include:

- Management of information;
- Decision making;
- Resource support; and
- Resource application.

Transit Operations and local managers, supported by the Security and Emergency Preparedness Department, are responsible for training employees in emergency management, emergency resources (e.g., telephone numbers, local vendors, location and inventory of emergency supplies, etc.), and response protocols of local agencies.

OCTA's Security and Emergency Preparedness Department develops, implements, and administers agency-wide security and emergency management programs and procedures for all the agency's multimodal operations and activities in accordance with federal, state, and local regulations, industry standards and the agency's policies, including but not limited to:

- Emergency Operation Plan;
- System Security and Emergency Preparedness Plan*; and
- Continuity of Operations Plan*.

****Sensitive security information is available upon request and following the appropriate process.***

The Security and Emergency Preparedness Department also improves emergency preparedness by evaluating responses to actual events. An after-action review is conducted for every emergency response. For major events where there are multiple injuries, property damage, or service disruption, formal review meetings are conducted and documented.

Emergency Exercises

The SEP Department is responsible for the organizing and oversight of the annual emergency preparedness drill. Exercise planning is a continuous process with preliminary plans for subsequent activities established as each exercise is planned and conducted. Recommendations and primary safety goals and objectives that OCTA wants to convey to the emergency response agencies are presented to the Security and Emergency Preparedness Department which determines the drill scenario and location each year.

The execution of these activities will function as part of OCTA's safety review process and will serve to evaluate the emergency response capabilities and procedures of all involved parties. Scenarios are acted out to demonstrate, inform, and train OCTA

personnel and emergency responders of their individual roles and responsibilities. Findings generated through these activities are documented, and corrective actions generated and tracked through CAPs completion.

7. SAFETY ASSURANCE (673.27)

The safety assurance component describes how OCTA implements mitigations that are prudent and effective in addressing potential risk of identified hazards. Organizationally, safety-related data is collected, analyzed by the SMS Program Manager, and transmitted to the SMS/PTASP Committee for the purpose of review, identifying trends, and use by the agency to support safety objectives and goals.

7.1 Safety Performance Monitoring and Measurement 673.27 (b)(1)

Each OCTA department generates its own performance data used for detection of trends or problems prior to the development of major safety concerns. It is the task of OCTA's SMS Program Manager to monitor and measure the safety performance of the agency's operations through data provided from all OCTA departments and to report to the CSO and the PTASP SMS Committee quarterly.

ORIGAMI is an electronic tool used to track and monitor safety data and objective performance. ORIGAMI is a database that tracks an occurrence or condition, identifies the responsible party, and tracks an item's corrective/preventive actions to closure.

Selected data is accumulated and analyzed for ongoing trending and performance measurements, including fatalities, injuries to passengers and/or OCTA personnel, system reliability, and other safety related events. The SMS Program Manager reports the results of such data quarterly at the SMS/PTASP Committee meeting and Joint Labor Management Safety Committee.

7.2 Hazard Mitigation Monitoring Process 673.27 (b)(2)

Monitoring and measurement establishes a baseline for a system, comparing the difference between the criteria and condition at a specific point in time. Once a baseline or goal is established through monitoring and measurement, data can be used as criteria in evaluating operations to reduce risk and hazard and overall safety objective/goal achievement. Ongoing monitoring is built into OCTA's operations, performed continually, and responsive to change. Ongoing monitoring includes regular management and supervisory activities, comparisons, reconciliations, and other routine actions.

OCTA's Operations Management and the Safety Department perform base safety inspections, record the walk, and document any observations.

OCTA, under the regulatory requirements established by the California Occupational Health and Safety Administration (Cal/OSHA), also utilizes an Injury and Illness Prevention Program (IIPP) to establish methods and processes to identify and eliminate unsafe conditions or practices and control workspace safety hazards. All other local, state, and federal regulations that govern safety compliance outside the jurisdiction of the FTA support the SMS efforts.

Safety Certification

Safety certification is the process of verifying that safety requirements are included as early as the planning phase through the life of a project, ensuring the safety of customers, employees, emergency responders, and the public to aid in establishing a proactive approach towards hazard mitigation.

OCTA requires the safety certification process to be performed for major projects, rehabilitating or modifying existing systems, or to replace vehicles and equipment. Once the need for safety certification is identified, the process becomes part of the project, beginning with the preparation of the project specification and the design contracts. Safety objectives are considered during all activities of a project. Safety objectives include but are not limited to:

- Establish a formalized process that is sufficiently documented to verify compliance with safety requirements;
- Ensure safety is an integral part of the design, procurement, construction, testing, and operations;
- Ensure safety decisions are made by appropriate project managers, committees, and responsible contractors;
- Ensure any safety hazards and vulnerabilities that become apparent during reviews, reviews, inspections, or system testing are resolved, either by redesign, use of safety/warning devices, or by implementation and enforcement of special procedures; and
- Ensure affected outside response agencies, including fire and police departments, are prepared to respond.

7.3 Accident Notification, Investigation, and Reporting 673.27 (b)(3)

Effective accident/incident investigation and reporting is key to identifying and eliminating hazards to prevent reoccurrence. To minimize and control the threat to life, health, and property, it is essential all appropriate parties be notified of an accident/incident as quickly as possible to ensure a timely response to the scene. Accident/incident reporting and investigation shall be conducted to ensure all accidents/incidents are investigated objectively with the goal of determining causal factors and contributing causal factors.

OCTA's Incident and Injury Investigation Policy provides investigation criteria and guidelines for incidents that result in property damage, occupational injuries, environmental damage, or similar unforeseen harmful events. OCTA has an accident

notification system (NOTO), Everbridge, which sends email notifications to key organizational personnel, including the Safety Department, regarding an incident or passenger/employee injury. When Central Communications gets a call notifying them of an incident or injury, Central Communications logs the call, generates an occurrence in ORIGAMI and develops and distributes a NOTO. If necessary, in the event of an incident or injury, Emergency Response agencies will be dispatched immediately.

In the event of an accident/incident, a field supervisor has the responsibility to respond to the occurrence. The field supervisor will then report to his/her supervisor, who is responsible for notifying and updating base management and Central Communications during the response efforts. The report from the accident/incident or investigation is submitted to base management for review through ORIGAMI. The reporting structure/responsibilities for accidents/incidence is outlined in OCTA's Employee Safety Responsibilities Matrix.

If during an onsite investigation/inspection, a concern arises that constitutes an immediate threat to safety, OCTA staff and management will halt the operation through "stop work authority" and respond immediately to reduce the safety hazard to an appropriate level using the safety risk mitigation processes. Any issues or findings are provided to the CSO and SMS Program Manager in writing for tracking safety performance and for inclusion in the quarterly SMS/PTASP Committee meeting report.

Corrective Action Resulting from Accident Investigation

CAPs for accidents and incidents will follow the same procedures delineated in the Safety Risk Management section.

7.4 Drug and Alcohol Policy

OCTA has implemented the Federal Transit Administration Regulations as set forth in 49 CFR Part 655 and require testing for prohibited substances in the case of transit accidents. OCTA's process for conducting such testing is delineated in the OCTA Drug and Alcohol Policy Manual.

7.5 Internal Safety Reporting Program Monitoring 673.27 (b)(4)

OCTA currently records and reports safety data from operations and facilities to the CSO and SMS Program Manager; the data is recorded and reported to the SMS/PTASP Committee. The SMS Program Manager monitors the safety data for performance measurement and trending. Further, in accordance with the FTA NTD Safety and Security Policy Manual, the OCTA data is recorded and reported in accordance with federal regulations.

Internal Safety Reviews

OCTA's current internal review process is a proactive approach that verifies safety programs have been developed, implemented, and are effective. The internal review process assesses the effectiveness of safety programs, identifies process deficiencies, identifies potential hazards in the operational system, identifies weaknesses in system safety programs, verifies prior corrective actions are being tracked for closure and evaluates their effectiveness, recommends system safety improvements, provides management with an assessment of the system safety program, and assures continuing evaluation of safety-related programs, issues, awareness, and reporting. OCTA's SMS practices and processes may be evaluated in whole or in part, during regularly scheduled internal reviews and according to OCTA's Board-approved review plan.

OCTA will conduct its own independent review of the PTASP and SMS practices according to the SSOA schedule and requirements, using adequately trained SMS staff, consultants, or contractors. OCTA will also participate in the FTA triennial reviews, providing trained and knowledgeable staff and/or consultants in SMS, OCTA's operational processes, and appropriate documentation of such processes, as requested by reviewers.

7.6 Change Control 673.27 (c)

Stimuli for system changes and modifications originate both internally and externally and those changes may introduce new hazards and safety risks into transit operations. In either case, appropriate staff are assigned responsibility for managing and implementing the change and evaluating the change through the Safety Risk Management Process. This process demands coordination and cooperation within and between OCTA divisions, departments, and relevant outside agencies and organizations.

OCTA is establishing a process where all proposed changes will flow through the Change Control Committee, and this process will be in accordance with OCTA's Change Control Policy.

The Change Control Policy sets up a Change Control Committee that meets monthly, or as needed, to evaluate proposed and/or potential changes affecting OCTA systems; these changes include those affecting system reliability, system maintainability, system upgrades, system expansions, ability to share information with other systems, and the ability to integrate with other systems. The Change Control Committee discusses project status, planned future projects, new business and assignments, safety impacts, potential hazards, and other relevant topics. The Change Control process accommodates changes and ensures documents, records, and data remain concise and valid.

It is important that safety requirements are included as early as the planning phase through the life of a project, ensuring the safety of customers, employees, emergency responders, and the public is considered. Safety objectives are incorporated into all projects in accordance with the Change Control Policy.

7.7 Continuous Improvement 673.27(d)

Evaluation of the SMS is necessary to ensure it effectively and efficiently allows OCTA to meet safety objectives and performance targets. OCTA uses the data and information collected from the subcomponents in this Safety Assurance section while conducting safety performance monitoring to address any identified deficits in SMS organizational structures, processes, and resources in a timely manner. OCTA strives for continuous improvement and recognizes this is a dynamic process and significant efforts within Safety Assurance and Safety Promotion are required to improve systems and practices to comply with SMS standards.

Data Analysis and Tracking

Safety-related data is collected, compiled, organized, stored, and maintained by individual departments. The data is then reported to and analyzed by, the SMS Program Manager. Further, the information gathered during this process is reported to the PTASP Committee by the SMS Program Manager and used by OCTA to identify hazards through trend analysis. If a trend is identified through the analysis, the trend is further investigated to determine the causes and tracked through resolution by the responsible department and the SMS Program Manager. Moreover, tracking of hazard-related data is used to identify trends; trends are further analyzed and/or investigated to determine causal factors. Identified hazards are categorized with corrective action recommendations. Corrective actions are tracked within the responsible department to closure using a hazard tracking log and reported to the SMS Program Manager.

Procurement Risk Mitigation

OCTA's Procurement Policy describes procedures to guide staff members, potential vendors, contractors, and suppliers with respect to procurement activities taken on behalf of OCTA, recognizing safety and asset protection as core business values.

Equipment, materials, and professional services for use by OCTA are procured based on safety and industry specifications provided by the user department. OCTA policies and procedures require management to authorize all purchases. Requisitions are reviewed by the associated management of the requesting department for safety specifications and efficient and effective usefulness. Larger purchases require a contract developed under supervision of management and are subject to approval by the Board. This ensures all essential specification requirements, applicable standards and restrictions are included in the contract terms. Purchasing personnel are not authorized to modify the specifications or grant exceptions.

In its effort to ensure the procurement process considers and evaluates the safety aspects of services, equipment, and other materials obtained, OCTA includes safety specification requirements in all technical specifications and contracts. The Procurement Department requires all safety-related purchase requests to be reviewed and approved by the Project/Procurement Manager in consultation with the Safety Department.

Transit Asset Management (TAM)

TAM is a business model used to guide the prioritization of funding based on the condition of assets. TAM defines state of good repair as the condition of an asset to operate at full performance level: able to perform its designated function, does not pose an unacceptable safety risk, and its lifecycle investments have not been met or recovered. OCTA has adopted TAM as the official, institutional approach in managing infrastructure assets, making capital investment and operational expenditure decisions, and considers the results of its condition assessments while performing safety risk management and safety assurance activities. TAM data is provided to the SMS Program Manager for inclusion in the monthly SMS/PTASP Committee meeting agenda.

8. SAFETY PROMOTION (673.29)

Safety promotion fosters a positive safety culture and improves safety performance by increasing safety awareness through training and communication. Appropriate training for all employees, regardless of their position within OCTA, provides knowledge for a successful SMS. Through communication of lessons learned and safety performance data, employees are made aware of safety priorities and concerns as they relate to their individual job tasks and the entire OCTA organization. Developing a safety culture requires regular training and ongoing promotion. The activities below must be continually implemented, reviewed, and updated.

8.1 Safety Training Program 673.29 (a)

With the implementation of the PTASP and SMS, OCTA has adopted a training program to ensure all employees are aware of the PTASP and SMS responsibilities. New employees will be trained while attending new employee orientation/onboarding and current employees will undergo SMS/PTASP familiarization training. All employees will sign-off verifying they have been trained in the SMS process and understand their role and responsibility.

Employees at all levels of the agency need to understand 1) what SMS is, 2) how it supports OCTA's mission, and 3) what their specific individual SMS responsibilities are. OCTA has developed criteria to identify and provide skills training related to safe job performance to include initial and refresher training for all relevant job functions. Training includes measures for ensuring employees are competent to perform their safety-related duties.

OCTA has robust safety training programs including, but not limited to, the following:

- Student Coach Operator Training
- Operations new-hire training
- Annual Required Training (ART)

- CAL/OSHA required training
- OCTA Core 11 safety training
- Retraining based on performance deficits
- Maintenance new-hire and ongoing training
- Maintenance tailgate meetings
- Safety Spotlights

Employees receive training related to the employee safety reporting program during initial orientation training and are encouraged to use the identified mechanisms to report safety hazards, near misses, concerns, and issues. Coach operator and vehicle maintenance employee training programs provide opportunities for delivering SMS-related training. OCTA's six-week formal new-hire coach operator training program curriculum includes classroom and behind-the-wheel training. Operator and mechanic training include an eight-hour ART program to meet the requirements of a commercial driver's license. Maintenance employees receive extensive training at hire and aggressive ongoing skills development training and refresher training on safety-related topics.

All SMS/PTASP safety-related classroom and on-the-job-training is appropriately documented within individual employee safety training records and can be accessed through the Learning Management System (LMS) and records management. Training documentation for operators and mechanics is kept within the individual departments and mandatory administrative training is documented through the LMS software. All training records can be accessed upon request.

OCTA evaluates the effectiveness of its safety-related training through departmental inspections, compliance assessments, and reviews. All formal training processes shall be reviewed and reviewed periodically, when an accident investigation lists training as contributory, when training becomes suspect during any hazard analysis process, or when summary student test scores indicate low instructional effectiveness. All training classes, training manuals, and lesson plans are subject to review and review.

Safety-related training curriculum for all employees is updated to reflect new techniques, technologies, and results of investigations, corrective actions, and regulatory changes. OCTA provides training to employees on new equipment, technologies, and regulatory changes as necessary.

Emergency Response Planning, Coordination, and Training

The Security and Emergency Preparedness Department is responsible for providing a safe and secure environment with an "All-Hazards" approach based on preparedness, protection, response, and recovery. The Department ensures OCTA is compliant with required employee training in the National Incident Management System and the 9/11 Commission Act.

Operations managers are responsible for training employees on evacuation procedures, facility emergency management organization, emergency resources, response protocols of local response agencies, and the SMS.

Contractor Safety

Contractors are required to comply with all applicable state and federal regulations and those established by OCTA. Each contractor is responsible for and shall comply with all safety, fire, security policies, procedures, and safe work practices, as well as any other appropriate safety procedures specified in the contract. OCTA reserves the right to review training activities at its discretion.

8.2 Safety Communication 673.29 (b)

OCTA has developed quantifiable goals to ensure performance can be tracked, evaluated, and measured for continued improvement and success. OCTA has established effective safety communication activities to ensure all employees and contractors are aware of the following goals and responsibilities:

- Continue growth and development of all OCTA SOPs, Policies, and Plans on an annual basis to ensure they reflect the current operating environment;
- Continue to grow SMS, allowing OCTA to systematically identify safety hazards, mitigate risk, and reduce fatalities and injuries resulting from transit operations;
- Reduce the injury incidence rate by minimizing exposure to unsafe conditions and reducing hazardous employee behavior;
- Provide a safe and efficient transit operation by ensuring that all vehicles, equipment and facilities are regularly inspected, maintained and serviced as needed; and
- Achieve 100 percent of scheduled routine inspections, preventive and regular maintenance work is completed on time, and essential repairs are addressed in a designated time.

Further, OCTA ensures employees and contractors are mindful of SMS responsibilities, processes, activities, and tools relevant to their responsibilities through the following communication platforms:

- Employee safety reporting;
- Safety meetings;
- Union meetings;
- Coach operator quarterly meetings with supervisors and managers;
- OCTA intranet; newsletters, safety bulletins, audio-visual monitors in break rooms;
- Signage;
- Operator log-in messages;
- Text message alerts;
- Radio supervisor communication with operators;

- One-on-one communication between supervisors and frontline employees;
- Daily Maintenance Tailgate meetings;
- Meetings with contractors;
- Committee meetings;
- Safety emails and notifications;
- Safety captains;
- Base television displays and bulletin boards;
- Safety campaigns;
- Intranet postings.

As part of the SMS program, the SMS Program Manager collects data to provide performance reports and trend analysis to the SMS/PTASP Committee to include the types of safety actions taken, why safety procedures have been introduced or changed, and information related to significant accident and incident investigation outcomes. OCTA communicates employees' responsibilities in OCTA Staff Safety Roles and SMS Responsibilities Matrix, Appendix B.

8.3 SMS Documentation and Records 673.11 (c), 673.31

OCTA must, at a minimum, maintain documents that set forth its PTASP, including those related to the implementation of its SMS, and results from SMS processes and activities. As part of 673.31 (d), OCTA will maintain all documentation regarding SMS and PTASP, including results. The documentation will be available upon request by the FTA or other federal/state entities having jurisdiction and to auditors. OCTA's SMS documentation will be maintained for three years, in accordance with FTA requirements and OCTA's records management.

OCTA has set up a SharePoint site application for all PTASP/SMS recordkeeping. The SharePoint site application allows for ease of document review, sharing, control, and archiving PTASP/SMS documents between authorized/applicable personnel. Documents on the SharePoint site may include but are not limited to: Draft and Final PTASP, meeting agendas, meeting minutes, reports of reviews, Emergency Management Plan, PTASP related correspondence, data reports, hazard analyses, corrective action logs, training, etc.

APPENDIX A

HAZARD MANAGEMENT PROCESS-IDENTIFICATION/ANALYSIS

OCTA facilities require system safety to be effective in helping identify and minimize hazards, in a mature operational environment. Hazardous conditions are identified, investigated, and resolved to an acceptable level. This hazard identification/analysis process document, and the associated system safety tasks, provide for a method of identifying, analyzing, assessing, and resolving conditions or circumstances that are deemed to present a threat to the safe operation of OCTA transit system.

This hazard analysis document incorporates proven methods of tests and inspections employed by each OCTA division and department, enabling the examination of all aspects of operation and review of their interdisciplinary ramifications. This provides management with hazard and risk visibility and the causes and effects of potential accidents. In addition, continual monitoring verifies the total system, including but not limited to, patrons, the public, employees, contractors, equipment, the environment; OCTA maintains an acceptable level of safety, and that potential hazards do not exist in operational areas previously determined to be safe.

Hazard identification and resolution is a core element of the PTASP and this hazard identification/analysis document, emphasizing timely correction of unsafe conditions, anticipated and reconciled before serious accident, injury, or damage occurs. To ensure it provides as safe and reliable transportation services as possible, OCTA has established a process by which hazards are identified, analyzed for potential impact on the operating system, and resolved in a manner acceptable to OCTA's management and applicable regulatory agencies.

OCTA management, staff, contractors, and suppliers are required to implement high standards of safety and system assurance throughout the design, construction, testing, and operational phases of OCTA's projects. Hazards, which cannot be eliminated in the design, are to be controlled by safety devices, warning devices, training, and/or written procedures to prevent mishaps. Most hazards are identified in the field, reported, and entered into reports. These hazards are addressed by the responsible departments through routine corrective measures and do not require special attention.

Hazard Identification

Hazard identification is accomplished as department managers collect and analyze data to monitor trends. Unless additional resources are requested, the department manager investigates and resolves all hazards within their department. OCTA department managers review reports daily from the previous day's operation. Immediate corrective action is initiated when appropriate; otherwise, data is evaluated and used to set the agenda for the next PTASP/SMS Committee meeting and the Joint Labor Management Safety Committee. The SMS Program Manager prepares a trend analysis report for

PTASP/SMS meetings. Trend analysis reports are reviewed at PTASP/SMS Committee meetings. Additionally, each department manager reviews departmental reports and shift change briefings for the previous operational period and makes a similar evaluation for their department.

OCTA documents hazards that develop through multiple sources, such as accidents, incidents, and leading indicators. OCTA also evaluates hazards to determine if multiple events occurred leading up to an event. This ensures each possible cause is evaluated and documented for trending purposes. To address hazards resulting from system extensions or modifications, operational and other changes, safety analyses included in design and procurement contracts will provide for:

- Identification of potential hazards;
- Assessment of the severity and probability of occurrence of each potential hazard;
- Timely awareness of hazards for those who must resolve them; and
- Tractability and control of hazards through all phases of a project's life cycle.

Hazard Investigation and Reporting

Hazards which are not resolved at the operating, maintenance, or other front-line department level are appropriately investigated by the CSO, assisted by the responsible Operations Department. Investigation findings are documented and reported to the CSO for resolution.

Safety Risk Assessment

Hazard severity categories are defined to provide a qualitative measure of the worst credible mishap resulting from personnel error; environmental conditions; design inadequacies; and procedural deficiencies for a system, subsystem, or component failure or malfunction. The probability that a hazard will occur during the planned life expectancy of the system element, subsystem, or component can be described subjectively in potential occurrences per unit of time, event, population, items, or activity. A qualitative hazard probability may be derived from research, analysis, and evaluation of historical safety data from the same or similar systems. Supporting rationale for assigning a hazard probability is documented in hazard analysis reports.

The objective of hazard identification and analysis is to identify and define as many hazardous conditions as possible and enter them into the hazard resolution process before those conditions or associated actions cause or contribute to an accident. Although it is virtually impossible to identify every hazard, there are two basic time-tested methods for orderly identification of hazards: inductive and deductive. The inductive hazard identification method consists of an analysis of system components to identify their respective failure modes and the effects they will have on the total system. This method assumes the failure of single elements or events and, through analysis, determines the potential consequential effects on the system or subsystem. The techniques commonly used for inductive hazard identification include:

Preliminary Hazard Analysis – is a semi-quantitative analysis performed to identify potential hazards and accidental events that may lead to an accident, rank the identified accidental events according to their severity, and identify required hazard controls and follow-up actions.

Sub-System Hazard Analysis – is a safety analysis tool for identifying hazards, their associating causal factors, effects, level of risk, and mitigation design measures.

Operating Hazard Analysis – is performed to determine all applicable operational safety requirements for personnel, procedures, and equipment throughout all phases of the system life cycle. Engineering data, procedures, and instructions developed from other safety analyses, the engineering design, and initial test programs are all used to support this analysis. Operating hazards are generally resolved in preparation for operations by way of training, developing operating procedures, and developing emergency operating procedures.

These types of hazard analyses may also be utilized by OCTA during major capital projects, system modifications, system changes that require safety/security certification, or as determined by the CSO.

The deductive hazard identification method involves defining an undesired effect or event and then deducing the possible conditions or system component faults (or combinations thereof) which are necessary to cause the undesired effect or event.

Hazard Analysis Methodology

The hazard analysis methodology has two steps: evaluating hazard severity (categorizing the hazard) and evaluating hazard probability.

Hazard Severity

OCTA assigns a hazard severity rating based on the definitions in the standardized risk process MIL-STD-882E. It is a subjective determination of the worst case that could be anticipated to result from design inadequacies, human error, component failure or malfunction. The ratings are:

Category 4, Catastrophic - Operating conditions are such that design deficiencies, human error, element, subsystem or component failure, or procedural deficiencies may cause death or major system loss and require immediate termination of the unsafe activity or operation.

Category 3, Critical - Operating conditions are such that design deficiencies, human error, element, subsystem or component failure, or procedural deficiencies may cause severe injury, severe occupational illness or major system damage and require immediate corrective action.

Category 2, Marginal - Operating conditions are such that they may result in minor injury, occupational illness or system damage and are such that human error, subsystem or component failures can be counteracted or controlled.

Category 1, Negligible - Operating conditions are such that human error, subsystem or component failure, or procedural deficiencies will result in less than minor injury, occupational illness or system damage.

Hazard severity categories are defined to provide a qualitative measure of the worst credible mishap resulting from personnel error, environmental conditions, design inadequacies, and procedural deficiencies for a system, subsystem or component failure or malfunction. It reflects the principle that not all hazards pose an equal amount of risk to personnel safety.

Hazard Severity Index

HAZARD SEVERITY		
Category	Severity	Characteristics
4	Catastrophic	Death or system loss
3	Critical	Severe injury, severe occupational illness or major system damage
2	Marginal	Minor injury, minor occupational illness or minor system damage
1	Negligible	Less than minor injury, occupational illness or system damage

Hazard Probability

The probability that a hazard will occur during the planned life expectancy of the system element, subsystem, or component can be described subjectively in potential occurrences per unit time, event, population, items, or activity. A qualitative hazard probability may be derived from research, analysis, and evaluation of historical safety data from the same or similar system. OCTA assigns a probability rating to a particular event or a specific hazard occurring during the planned life expectancy of the operating system. Supporting rationale for assigning a hazard probability is documented in hazard analysis reports.

Hazard Probability Index

HAZARD PROBABILITY			
Description	Level	Specific Individual Event	Fleet/Inventory
Frequent	6	Likely to occur frequently	Continuously experienced
Probable	5	Will occur several times in the system's lifecycle	Will occur frequently
Occasional	4	Likely to occur sometime in the system's lifecycle	Will occur several times
Remote	3	Unlikely, but possible to occur in the system's lifecycle	Unlikely, but can be expected to occur
Improbable	2	So unlikely it can be assumed occurrence may not be experienced	Unlikely to occur but possible
Eliminated	1	Eliminated	

Hazard Categorization (Identified by Hazard Risk Index)

Through the established process, OCTA will assess the level of risk for each identified hazard to determine what action(s) must be taken to correct or document the hazard risk. This risk assessment system is incorporated into formal analysis which enables the CSO and CEO, if concurrence is necessary, to understand the amount of risk involved in accepting the hazard in relation to the cost (schedule, dollars, operations, etc.) to reduce the hazard to an acceptable level.

Hazard risk assesses the risk based upon hazard category and probability and the criteria for defining further actions based upon the index.

OCTA applies its collective, deductive reasoning and/or may utilize a method represented by MIL-STD-882E. The information is compiled, and any necessary statistics or trend information is entered into the permanent file.

Hazard Risk Index

HAZARD RISK INDEX					
Frequency of Occurrence	Negligible	Marginal	Critical	Catastrophic	
6	6	12	18	24	Severity
5	5	10	15	20	
4	4	8	12	16	
3	3	6	9	12	
2	2	4	6	8	
1	1	2	3	4	

When the Hazard Severity Index is combined with the Hazard Probability Index, the result is the Hazard Risk Index. Each Hazard Risk Index requires a specific level of action. Actions will be taken to eliminate identified hazards or reduce the associated risk. A hazard with a risk index of "unacceptable" is not permitted and must be redesigned or modified to eliminate or minimize and control the hazard to a more acceptable level.

Hazard Acceptance Criteria

HAZARD ACCEPTANCE CRITERIA			
Hazard Risk Index		Decision Authority	Special Conditions
	10 - 24	Unacceptable	Requires review by CSO and Executive Director
	4-9	Undesirable	Requires review by CSO and Executive Director
	2-3	Acceptable with Review	Requires review by CSO
	1	Acceptable	Determination made by manager, no review required

Hazard Control and Elimination

Before implementation of any corrective action, system safety analyses establish a hazard severity category (1 through 4) and a probability ranking (1 through 6) which are combined to form a Risk Index, reflecting both severity and probability of occurrence for each identified hazard. The range of possible Risk Indices is shown in the Hazard Acceptance Criteria.

Hazard Risk Indices

Risk assessment criteria will be applied to the identified hazards based on their estimated severity and probability of occurrence to determine acceptance of the risk or the need for corrective action to further reduce the risk.

Action will be taken to eliminate identified hazards or reduce the associated risk. Catastrophic and critical hazards will be eliminated, or their associated risk reduced to an acceptable level. If this is impossible or impractical, alternatives will be recommended for the appropriate decision-making Hazard Resolution and Control.

OCTA shall use the Hazard Resolution and Control process as described below. The process involves the analysis and corrective action taken to reduce the risk associated with an identified hazard to the lowest practical level. The order of precedence resolving identified hazards is as follows:

- **Design for Minimum Risk.** Design new facilities and equipment to eliminate hazards. If an identified hazard cannot be eliminated, its associated risks must be reduced to an acceptable level through the design selection.
- **Utilization of Safety Devices.** If an identified hazard cannot be eliminated, or its associated risk cannot be reduced through design selection, that risk must be reduced to an acceptable level using protective safety features or devices. Provision is made, and procedure is issued for periodic inspection and functional checks of safety devices.
- **Warning Devices.** When neither design nor safety devices can effectively eliminate identified hazards or reduce risk to an acceptable level, warning devices are used to detect the condition and produce an adequate warning signal to alert individuals to the hazard. Warning devices are standardized to minimize the probability of incorrect reaction of personnel to these warning signals.
- **Develop Special Procedures and Training.** When it is impossible or impractical to eliminate hazards through design selection or adequately reduce its associated risks through safety or warning devices, then approved procedures and special training programs are used. Procedures may include the use of personal protective equipment. Precautionary notations and warning signs are standardized. OCTA employees who perform critical tasks require certification of personal proficiency.

Facility and system contract documents require that contractors/suppliers solve hazards in accordance with this list, in order of precedence. Specifications include the requirement for contractors/suppliers who provide system, subsystem or equipment during construction to establish and maintain a safety program. These programs, at a minimum, define objectives, tasks, procedures, schedules, and data submittal for the safety

activities that are performed by the contractor/supplier. The safety program and supporting documentation are subject to review and approval by OCTA.

Hazards identified within the system are evaluated by the Safety Committee, appropriate staff, and eliminated and controlled to a level acceptable to OCTA. As part of the hazard resolution process, reports summarizing status of safety issues and concerns are prepared and distributed to OCTA's management and other project participants for review and comment.

The Accountable Executive or CSO has authority to implement any change that has system safety implications. Accordingly, all hazard identification and analysis proceedings result in the issuance of a report by Safety to the Accountable Executive. The report is prepared by Safety and includes all pertinent data developed on the identified hazard. A recommendation achieved by consensus must be included, regardless of whether this recommendation is for a change in existing conditions or procedures, or for retention of the status quo. Any disagreement on the matter, or suggested negative ramifications of the recommendation, must also be included, to present as much information as possible to the Accountable Executive.

Hazards identified within the system are to be evaluated by appropriate staff and eliminated or controlled to an acceptable level. The following schedule has been developed to ensure the optimum level of safety is achieved through the expeditious resolution of hazards. All hazard levels are reviewed by appropriate staff. In the event the hazard has been categorized as UNACCEPTABLE, the CSO is responsible for maintaining the necessary information, notifications and CAPs.

HAZARD RESOLUTION SCHEDULE	
Criterion	Resolution Timetable
Unacceptable (UN)	Must be eliminated as soon as possible; there is no other option.
Undesirable (UD)	Must be resolved in 30 working days
Acceptable with review (WR)	Must be resolved in 30 working days
Acceptable	Notification within 30 working days
Eliminated	No notification required

Warning, caution, and other forms of written advisories cannot be used as the only method of risk reduction for UN (Catastrophic) and UD/WR(Critical) hazards.

Hazard Tracking

OCTA will utilize a hazard tracking log which consists of the following information and is maintained by the CSO:

- Assigned hazard number;
- Date hazard identified;
- Hazard title;
- Hazard description;
- Sources from which it was identified;
- The element of OCTA's operation affected by the hazard;
- Initial hazard classification;
- Current hazard classification; and
- CAP.

The hazard tracking log is updated monthly or as requested. All captured data is analyzed for the identification of developing trends to ensure future safety risks/hazards can be mitigated and/or eliminated.

**PUBLIC TRANSPORTATION AGENCY SAFETY PLAN
FOR THE
ORANGE COUNTY TRANSPORTATION AUTHORITY**

APPENDIX B

PTASP RELATIONSHIP TO OTHER FEDERAL REGULATIONS

Public Transportation Safety Program Rule - 49 U.S.C. § 5329

The Public Transportation Safety Program Rule establishes substantive and procedural rules for FTA's administration of the Public Transportation Safety Program authorized by 49 U.S.C. § 5329. The rule establishes FTA's (SMS) approach to the development and implementation of the Safety Program. Further, it sets rules of practice for the FTA's enforcement authority and describes the contents of a National Public Transportation Safety Plan.

National Public Transportation Safety Plan- section 5329(b)

Through the NPTSP, the FTA has adopted the principles and methods of SMS as the basis for enhancing the safety of public transportation in the United States. The NPTSP is a policy document, communications tool, and a repository of standards, guidance, best practices, tools, technical assistance, and other resources.

OCTA's PTASP was written in accordance to the PTASP rule and the NPTSP was a core document in outlining OCTA's SMS.

Public Transportation Agency Safety Plan Rule - 49 CFR Part 673

The FTA published a final rule for PTASP as authorized by the MAP-21. This final rule requires states and certain operators of public transportation systems that receive federal financial assistance under Urbanized Area Formula Program (49 U.S.C. § 5307) to develop safety plans that include the processes and procedures to implement SMS. Transit operators must certify they have a safety plan, meeting the requirements of the rule in place by July 20, 2020. To remain compliant, OCTA will review and revise the Plan annually and have it certified by the OCTA Board.

The safety plan requirements for rail transit agencies under FTA's original State Safety Oversight Rule (49 C.F.R. Part 659) implemented system safety through 21 specific requirements for System Safety Program Plans (SSPPs). The major focus of system safety is to integrate risk management into the overall system engineering process rather than addressing hazards as day-to-day operational considerations. The PTASP replaces the current OCTA Bus System Safety Program Plan. Once the OC Streetcar is in operation, OCTA will be fully responsible to the safety plan requirements and for having related practices reviewed by the appropriate State Safety Oversight Program.

State Safety Oversight Rule - 49 CFR Part 674

On March 16, 2016, the FTA issued a final rule for SSO to oversee the safety of rail fixed-guideway public transportation systems, and entities that own or operate rail fixed-guideway public transportation systems with federal financial assistance authorized under 49 U.S.C. Chapter 53.

The SSOA has authority to review, approve, oversee, and enforce the PTASP for a rail fixed-guideway public transportation system required by 49 U.S.C. 5329(d). The SSOA has investigative and enforcement authority with respect to the safety of all rail fixed-guideway public transportation systems within the State.

Once the OC Streetcar initiates revenue operations, at least once every three years, the SSOA will audit OCTA's compliance with the Public Transportation Agency Safety Plan required by 49 U.S.C. 5329(d). At least once a year, the SSOA reports the status of the safety of each rail fixed-guideway public transportation system to the Governor, the FTA, and the Board, or equivalent entity, of the rail fixed-guideway public transportation system. The FTA will audit each state's compliance at least triennially, consistent with 49 U.S.C. 5329(e)(9).

Transit Asset Management Rule - 49 CFR Part 625

Through the implementation of its TAM Plan, required under 49 C.F.R. Part 625, OCTA can consider the results of its condition assessments while performing safety risk management and safety assurance activities. The PTASP final rule applies to only Section 5307 recipients and sub-recipients, and the TAM rule applies to all operators of public transit. However, the two plans can support one another by providing useful data for agency use and NTD reporting.

The results of TAM condition assessments, and subsequent SMS analysis can help prioritize a transit agency's TAM Plan elements. Condition assessments help identify potential safety issues, which could undergo a safety risk assessment as part of SRM. Further, TAM data and analysis can also be used for performance monitoring and measurement as part of safety assurance. Results of safety risk assessments and safety performance monitoring and measurement can guide the prioritization of an asset for repair or replacement. OCTA is responsible for both the TAM Plan and the PTASP and can benefit by coordinating efforts and data.

Public Transportation Safety Certification Training Program Rule - 49 CFR Part 672

The Safety Certification Training Program establishes a curriculum and minimum competencies for federal SSOA personnel and contractors who conduct safety audits and examinations of rail fixed-guideway public transportation systems, and for designated transit agency personnel and contractors who are directly responsible for safety oversight of a recipient's rail fixed-guideway public transportation systems. The final rule for the Safety Certification Training Program replaces an interim program which became

effective on May 28, 2015. OCTA should continue to educate individuals who are directly responsible for SMS or are directly responsible for safety oversight to ensure compliance.

National Transit Database Rule 49 U.S.C 5335(a)

Transit agencies receiving funding from the Urbanized Area Formula Program (5307) or Rural Formula Program (5311) are required to submit data to the NTD in uniform categories. OCTA submits reports to NTD each fiscal year. The PTASP rule and NTD reporting rule are related, as both rules require OCTA to track data based on the same data points, fatalities, injuries, and safety events per total revenue vehicle mile by mode, with the additional requirement of mean distance between major mechanical failures.

The following table is a summary of FTA safety regulations, which impact the PTASP, requiring OCTA compliance.

FTA SAFETY REGULATIONS

Regulation	Overview
Public Transportation Safety Program Rule CFR Part 670	Establishes the procedural rules for enforcement of FTA's safety programs.
National Public Transportation Safety Plan 49 U.S.C. 5329	Manages the safety risks and safety hazards within public transportation systems.
Public Transportation Agency Safety Plan 49 CFR Part 673	Requires transit agencies to develop and implement safety plans based on SMS principles, performance targets.
State Safety Oversight 49 CFR Part 674	Strengthens state oversight of rail transit systems.
Transit Asset Management 49 CFR 625	TAM Plan establishes state of good repair performance measures and targets NTD reporting.
Public Transportation Safety Certification Training Program 49 CFR Part 672	Establishes training curriculum to ensure basic level of safety-related competency for rail transit system auditing and oversight.
National Transit Database 49 U.S.C. 5335(a)	Reporting system, using uniform categories to accumulate public transportation financial, operating, and asset condition.

Source: <https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/regulations-and-guidance>

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**PUBLIC TRANSPORTATION AGENCY SAFETY PLAN
FOR THE
ORANGE COUNTY TRANSPORTATION AUTHORITY**

**APPENDIX C
REFERENCED AND RELATED DOCUMENTS**

Change Control Policy
Continuity of Operations Plan (COOP)
Drug and Alcohol Policy
Drug and Alcohol Policy Manual
Ethicspoint Policy
Emergency Operation Plan (EOP)
Hazard Identification/Analysis
Injury and Illness Prevention Program (IIPP)
Internal Audit Policy
Joint Labor Management Safety Committee Policy
National Transit Database (NTD) Reporting Policy
OC Streetcar – Public Transportation Agency Safety Plan (PTASP)
Procurement Policy
Records Management Policy
System Security and Emergency Preparedness Plan (SSEPP)
Safety Review Process
Safety Captain's Committee Policy
Transit Asset Management Plan
Workplace Violence Prevention Policy



COMMITTEE TRANSMITTAL

February 9, 2026

To: Members of the Board of Directors

From: Andrea West, Clerk of the Board *Andrea West*

Subject: 2027 Federal Transportation Improvement Program and Financial Plan

Regional Transportation Planning Committee Meeting of February 2, 2025

Present: Directors Foley, Go, Harper, Kleiman, Klopfenstein, Tavoularis, and Tettemer

Absent: None

Committee Vote

This item was passed by the Members present.

Committee Recommendation(s)

- A. Authorize the submittal of the Federal Transportation Improvement Program project list and financial plan for the fiscal year 2026-27 through fiscal year 2031-32 to the Southern California Association of Governments.
- B. Authorize staff to process all necessary amendments to the Federal Transportation Improvement Program to facilitate the programming of projects.
- C. Adopt Resolution No. 2026-004 of the Orange County Transportation Authority Board of Directors.



February 2, 2026

A handwritten signature in blue ink, appearing to read 'Darrell E. Johnson', is positioned in the top right corner of the page.

To: Regional Transportation Planning Committee

From: Darrell E. Johnson, Chief Executive Officer

Subject: 2027 Federal Transportation Improvement Program and Financial Plan

Overview

The Orange County Transportation Authority is responsible for the biennial preparation of the Federal Transportation Improvement Program for Orange County. This document is required under state and federal laws and includes the financial information for regionally significant transportation improvement projects in Orange County. A summary of the 2027 Federal Transportation Improvement Program, with a total value of approximately \$2.098 billion, related actions, and a supporting resolution are submitted for the Orange County Transportation Authority Board of Directors' approval.

Recommendations

- A. Authorize the submittal of the Federal Transportation Improvement Program project list and financial plan for the fiscal year 2026-27 through fiscal year 2031-32 to the Southern California Association of Governments.
- B. Authorize staff to process all necessary amendments to the Federal Transportation Improvement Program to facilitate the programming of projects.
- C. Adopt Resolution No. 2026-004 of the Orange County Transportation Authority Board of Directors.

Background

The Federal Transportation Improvement Program (FTIP), which is developed and maintained by the Orange County Transportation Authority (OCTA) for Orange County and administered by the Southern California Association of Governments (SCAG) for counties in the SCAG region, is a required programming document that includes select projects to help implement the Regional Transportation Plan.

The FTIP is comprised of projects of regional significance and projects which are approved to receive state or federal funding. Regionally significant projects are those that would have significant impacts on regional travel and air quality. Federal and state laws require that the FTIP be updated at least every two years and be financially constrained to reasonably anticipated revenues. Federal law also requires that the FTIP include a financial plan that demonstrates how the proposed improvements will be funded and implemented.

In addition to administering the FTIP, SCAG also conducts a required regional air quality assessment for the FTIP. Any project that is likely to receive federal funding for implementation must be included in the FTIP or added through an amendment process to demonstrate that it has been evaluated for air quality purposes.

Discussion

The 2027 FTIP contains approximately 60 projects in Orange County that are programmed against \$2.098 billion in reasonably anticipated federal, state, and local funding sources and are scheduled to begin some phase of work between the fiscal year (FY) 2026-27 and FY 2031-32. The 2027 FTIP also contains several projects that are carried over with prior funding from the previous FTIP.

OCTA is required to certify through a resolution that the projects programmed within the first four years of the FTIP (FY 2026-27 through FY 2029-30) are of high priority and will be implemented in accordance with each project's respective schedule.

FTIP guidelines further require that the project phases programmed within the first four years must be fully funded, with an emphasis on projects programmed in the first two years for implementation. This is reflected in the recommended 2027 FTIP with the majority of the funding programmed in the first four years.

A summary of the recommended 2027 FTIP by project type and primary source of funding is as follows:

2027 FTIP breakdown by mode:

- Transit: \$1,157.7 million (55 percent)
- State Highways: \$596.4 million (28 percent)
- Local Streets and Roads: \$344.3 million (16 percent)

2027 FTIP breakdown by fund type:

- Federal: \$857.5 million (41 percent)
- State: \$716.7 million (34 percent)
- Local: \$524.2 million (25 percent)

Programmed Total by FY

Programmed (\$000s)	FY26/27	FY27/28	FY28/29	FY29/30	FY30/31	FY31/32	Total
Federal	\$ 363,089	\$ 223,417	\$ 114,738	\$ 109,461	\$ 46,753	\$ -	\$ 857,458
State	\$ 377,900	\$ 190,478	\$ 26,768	\$ 105,672	\$ 15,912	\$ -	\$ 716,730
Local	\$ 237,526	\$ 51,533	\$ 27,632	\$ 177,079	\$ 30,457	\$ -	\$ 524,227
Total	\$ 978,515	\$ 465,428	\$ 169,138	\$ 392,212	\$ 93,122	\$ -	\$2,098,415

A key component of the FTIP is programming and monitoring of Transportation Control Measure (TCM) projects. Projects are designated as TCMs if they reduce emissions and air pollutants from transportation sources by reducing vehicle use through implementing transit projects, carpool lanes, or active transportation type projects. These are very important to the FTIP and the SCAG region. If a committed TCM is not implemented, federal agencies may find the region out of conformity, which would prevent the region from receiving federal approvals or federal funding. TCMs that are in the first two years of the FTIP are considered committed and must be operational by the completion date provided in the FTIP. If they do not proceed as planned, in order to maintain conformity, OCTA is responsible for providing a substitute project that provides the same general air quality and functional transportation benefit.

Minor changes or amendments to the FTIP may be necessary after the preparation of this report. It is recommended that the Board of Directors (Board) authorize staff to submit the recommended 2027 FTIP to SCAG, as well as any project changes that may be required to allow the most up-to-date project information to be included in the 2027 FTIP. Any significant changes will be presented to the Board.

With Board approval, the certifying resolution (Attachment A), financial plan summary (Attachment B), and FTIP project submittals (Attachment C) will be submitted to SCAG for review. Attachment C only lists projects with funding in the six years of the 2027 FTIP. SCAG will model the program, determine air quality benefits, and present the 2027 FTIP to the public, regional transportation commissions, transportation committees, and SCAG's Regional Council for review and comment by July 2026. Following the public comment period, SCAG's regional council will consider the recommended 2027 FTIP, which, if approved, will be forwarded to the California Department of Transportation (Caltrans) and the Federal Highway Administration / Federal Transit Administration for final review and approval. The final 2027 FTIP is anticipated to be fully approved in December 2026.

Consistent with OCTA's guidance for administering the FTIP, provided in Attachment D, all agencies with projects programmed in the FTIP, except for Caltrans, are required to provide a resolution from their governing board confirming that the projects or project components are fully funded in accordance

with FTIP guidelines. With respect to OCTA, the recommended 2027 FTIP primarily includes projects that have previously been approved for funding through prior Board actions.

The Capital Funding Program (Attachment E), which summarizes funding for OCTA's capital projects, is also provided. Most of the projects in the Capital Funding Program are, or were, included in the recommended 2027 FTIP.

Summary

OCTA developed the recommended 2027 FTIP and associated financial plan, which includes projects that are estimated to use \$2.098 billion. Staff has worked with local agencies and consulted Board-approved plans and previous funding actions to develop the recommended 2027 FTIP. With Board approval, the recommended 2027 FTIP and associated funding plan will be submitted to SCAG.

Attachments

- A. Resolution No. 2026-004 of the Board of Directors of the Orange County Transportation Authority, Fiscal Year 2026-27 to Fiscal Year 2031-32, Federal Transportation Improvement Program
- B. Federal Transportation Improvement Program and Financial Plan Summary, Fiscal Year 2026-27 Through Fiscal Year 2031-32
- C. 2027 Federal Transportation Improvement Program Project List
- D. Orange County Transportation Authority Guidance for Administering the Federal Transportation Improvement Program
- E. Capital Funding Program Report

Prepared by:



Ben Ku
Section Manager,
Formula Funding Programs
(714) 560-5473

Approved by:



Rose Casey
Executive Director, Planning
(714) 560-5729

**RESOLUTION NO. 2026-004 OF THE BOARD OF DIRECTORS OF THE
ORANGE COUNTY TRANSPORTATION AUTHORITY**

FISCAL YEAR 2026-27 TO FISCAL YEAR 2031-32

FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM

A RESOLUTION OF THE ORANGE COUNTY TRANSPORTATION AUTHORITY (OCTA), WHICH CERTIFIES THAT ORANGE COUNTY AGENCIES HAVE IDENTIFIED THE RESOURCES TO FUND THE PROJECTS IN THE FEDERAL FISCAL YEAR (FFY) 2026-27 THROUGH 2031-32 FEDERAL TRANSPORTATION IMPROVEMENT PROGRAM AND AFFIRMS ITS COMMITMENT TO IMPLEMENT PROJECTS AND PHASES AS APPLICABLE IN THE PROGRAM

WHEREAS, Orange County is located within the metropolitan planning boundaries of the Southern California Association of Governments (SCAG); and

WHEREAS, the Infrastructure Investment and Jobs Act (IIJA) requires SCAG to adopt a Regional Transportation Improvement Program (RTIP) for the metropolitan planning area; and

WHEREAS, the IIJA also requires that the RTIP include a financial plan that demonstrates how the Transportation Improvement Program (TIP) can be implemented, and indicates resources from public and private sources that are reasonably expected to be made available to carry out the transportation improvement program, and recommends any additional financing strategies for needed projects and programs; and

WHEREAS, OCTA is the agency responsible for short-range capital and service planning and programming for the Orange County area within SCAG; and

WHEREAS, as the agency responsible for short-range transportation planning, OCTA is responsible for the development of the Orange County TIP, including all projects utilizing federal and state highway/road and transit funds; and

WHEREAS, OCTA must determine, on an annual basis, the total amount of funds that could be available for transportation projects within its boundaries; and

WHEREAS, OCTA has adopted the FFY 2026-27 through FFY 2031-32 Orange County TIP with funding for FFY 2026-27 and FFY 2027-28 available and committed and reasonably committed for FFY 2028-29 through FFY 2029-30.

NOW, THEREFORE, BE IT RESOLVED by OCTA that it affirms its continuing commitment to the projects in the FFY 2026-27 through FFY 2031-32 Orange County TIP; and

BE IT FURTHER RESOLVED, that the FFY 2026-27 through FFY 2031-32 Orange County TIP Financial Plan identifies the resources that are available, and committed in the first two years and reasonably available to carry out the program in the last four years, and certifies that:

1. Projects in the FFY 2026-27 through FFY 2031-32 Orange County TIP are consistent with the proposed 2026 State Transportation Improvement Program (STIP) scheduled to be approved by the California Transportation Commission (CTC) in March 2026.
2. All of the projects in the Orange County TIP have complete funding identified in the program, except those which will require additional funding in the 2026 STIP cycle. The STIP is one of the County's number one priorities for funding. The Orange County 2026 STIP RTIP, as identified in the financial plan, will include sufficient transportation funds to complete the projects. Therefore, as required by federal law, the CTC finds that full funding can reasonably be anticipated to be available for the STIP within the time period contemplated for completion.
3. The local match for projects funded with federal Surface Transportation Block Grant and Congestion Mitigation and Air Quality program funds is identified in the Orange County TIP.
4. All the Federal Transit Administration-funded projects are programmed within the IIJA guaranteed funding levels.

PASSED, APPROVED, AND ADOPTED this _____ day of _____, _____.

AYES:

NOES:

ABSENT:

ATTEST:

Andrea West
Clerk of the Board

Jamey M. Federico, Chair
Orange County Transportation Authority

Federal Transportation Improvement Program and Financial Plan Summary
Fiscal Year 2026-27 Through Fiscal Year 2031-32¹

PROGRAMMED REVENUE

(Dollars in \$1,000s)

PROGRAM DESCRIPTION	TOTAL
FEDERAL	\$ 857,458
Federal Transit Administration (FTA) - 5307 Urbanized Area Formula	\$ 301,779
Congestion Mitigation and Air Quality Improvement (CMAQ)	\$ 126,953
Surface Transportation Block Grant (STBG)	\$ 119,242
Federal Railroad Administration (FRA) - Consolidated Rail Infrastructure and Safety Improvements (CRISI)	\$ 100,000
FTA - 5337 State of Good Repair	\$ 94,616
Highway Bridge Program	\$ 59,778
FTA - 5339 Bus and Facilities	\$ 23,896
Local Transportation Climate Adaptation Program (LTCAP)	\$ 16,560
FTA - 5310 Enhanced Mobility of Seniors and Individuals with Disabilities	\$ 12,948
Earmark Repurposing	\$ 936
Community Project Funding - Congressionally Directed Spending	\$ 750
STATE	\$ 716,730
State Highway Operations and Protection Program (SHOPP)	\$ 295,491
State Transportation Improvement Program (STIP) - Regional Transportation Improvement Program (RTIP)	\$ 155,642
Transit and Intercity Rail Capital Program (TIRCP)	\$ 81,059
Cap and Trade Program	\$ 60,000
SB 1 (Chapter 5, Statutes of 2017) Trade Corridor Enhancement Account	\$ 51,566
Active Transportation Program (ATP)	\$ 47,726
SB 125 (Chapter 54, Statutes of 2023) Transit Program	\$ 25,246
LOCAL	\$ 524,227
Agency ²	\$ 239,301
Orange County Transportation Authority Measure M2	\$ 191,698
Local Transportation Funds (LTF)	\$ 49,000
City Funds	\$ 40,969
County	\$ 3,063
Fares	\$ 196
TOTAL REVENUE	\$ 2,098,415

¹Revenue is only the amount programmed for projects in the Federal Transportation Improvement Program from fiscal year 2026-27 through fiscal year 2031-32, and may not reflect all revenue.

²Agency funds may represent local, state, or federal funds that are pending formal approval.

2027 Federal Transportation Improvement Program Project List
(Dollars in \$1,000s)

ATTACHMENT C

Project No.	Project ID	Project Title	Lead Agency	Fiscal Year (FY) ¹						Total (\$1,000s)
				FY 2026-27	FY 2027-28	FY 2028-29	FY 2029-30	FY 2030-31	FY 2031-32	
Local Streets and Roads										
1	ORA251801	La Palma Avenue Storm Drain Improvement and Resiliency	Anaheim	\$ -	\$ 16,560	\$ -	\$ -	\$ -	\$ -	\$ 16,560
2	ORA233702	Santa Ana River Multimodal Bridge	Anaheim	\$ 9,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,000
3	ORA251801	La Palma Avenue Storm Drain Improvement and Resiliency	Anaheim	\$ -	\$ 1,700	\$ -	\$ -	\$ -	\$ -	\$ 1,700
4	ORA190906	OC Loop B Brea Gap Closure	Brea	\$ 2,000	\$ -	\$ -	\$ 6,149	\$ -	\$ -	\$ 8,149
5	ORA270003	Commonwealth Avenue Complete Streets and Pavement Rehabilitation Project	Buena Park	\$ 3,300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,300
6	ORA230811	Adams Avenue Active Transportation Project - Multipurpose Trails	Costa Mesa	\$ -	\$ 1,677	\$ -	\$ -	\$ -	\$ -	\$ 1,677
7	ORA270004	Fair Drive For All Project	Costa Mesa	\$ 800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800
8	ORA230811	Adams Avenue Active Transportation Project - Multipurpose Trails	Costa Mesa	\$ -	\$ 7,000	\$ -	\$ -	\$ -	\$ -	\$ 7,000
9	ORA251802	2026 Various Streets Micro-Surfacing Project	Garden Grove	\$ 1,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500
10	ORA233001	Banning Avenue Roundabout and Southeast Corridors Complete Streets Improvements	Huntington Beach	\$ 5,475	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,475
11	ORA190920	OC Loop Segment A - La Habra Rails to Trails	La Habra	\$ 4,156	\$ 38,233	\$ -	\$ -	\$ -	\$ -	\$ 42,389
12	ORA230810	Paseo De Valencia and Cabot Road Active Transportation Enhancements	Laguna Hills	\$ 4,873	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,873
13	ORA233308	Los Patrones Parkway Bikeway Widening and Safety Improvements	Orange County	\$ 5,827	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,827
14	ORA239701	OC Connect - Santa Ana Rail to Trails Gap Closure	OCTA	\$ 4,650	\$ 16,289	\$ -	\$ -	\$ -	\$ -	\$ 20,939
15	ORA270006	First Street Complete Streets and Transit Signal Priority	OCTA	\$ 2,259	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,259
16	ORA270001	Santiago Creek Bike Trail Gap Closure Phase 2	Orange	\$ -	\$ 2,302	\$ -	\$ -	\$ -	\$ -	\$ 2,302
17	ORA233301	Riverdale Avenue Complete Street Improvements	Orange	\$ 2,609	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,609
18	ORA251803	Culvert/Bridge under East Avenida Pico over Segunda Deshecha Canada Channel (Bridge No. 55C0398) Rehabilitation Project	San Clemente	\$ 330	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330
19	ORA230802	Orange Avenue Bike Lane and Bicycle Boulevard Project	Santa Ana	\$ 4,891	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,891
20	ORA270008	Tustin Ranch Road Pedestrian Bridge	Tustin	\$ 14,450	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,450
21	ORA270002	Grouped Projects for FY27 - FY28 STBG/CMAQ Call Local System Rehabilitation Projects	Various Agencies	\$ 28,271	\$ 19,254	\$ -	\$ -	\$ -	\$ -	\$ 47,525
22	ORA020501	Highway Bridge Program - Various Bridge Projects	Various Agencies	\$ 10,191	\$ 70	\$ 2,377	\$ 1,152	\$ 47,210	\$ -	\$ 61,000
23	ORA150104	Regional Active Transportation Program	Various Agencies	\$ 40,533	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,533
24	ORA230804	Grouped Projects for Bicycle and Pedestrian Facilities	Various Agencies	\$ 29,968	\$ 4,670	\$ 4,604	\$ -	\$ -	\$ -	\$ 39,242
Local Streets and Roads Subtotal				\$ 175,083	\$ 107,755	\$ 6,981	\$ 7,301	\$ 47,210	\$ -	\$ 344,330
Highways										
1	ORA001102	Lump Sums in Various Locations in Orange County, Collision Reduction	Caltrans	\$ 1,320	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,320
2	ORA001103	Lump Sum at Various Locations in Orange County, Roadway Preservation Projects	Caltrans	\$ 82,114	\$ 49,170	\$ -	\$ -	\$ -	\$ -	\$ 131,284
3	ORA001104	Lump Sum at Various Locations in Orange County, Roadside Preservation Projects	Caltrans	\$ 1,260	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,260
4	ORA001105	Lump Sum at Various Locations in Orange County, Mobility Projects	Caltrans	\$ -	\$ -	\$ 7,398	\$ -	\$ -	\$ -	\$ 7,398
5	ORA001108	Lump Sum at Various Locations in Orange County, Mandate Projects	Caltrans	\$ -	\$ 15,629	\$ -	\$ -	\$ -	\$ -	\$ 15,629
6	ORA082603	Lump Sum at Various Locations in Orange County, Emergency Projects	Caltrans	\$ 36,657	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 36,657
7	ORA211702	Grouped Projects for Safety Improvements, Shoulder Improvements, Pavement Resurfacing and/or Rehabilitation - Minor Program	Caltrans	\$ 2,360	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,360
8	ORA084402	Lump Sum at Various Locations in Orange County, Facilities Projects	Caltrans	\$ -	\$ 3,241	\$ -	\$ -	\$ -	\$ -	\$ 3,241
9	ORA001109	Lump Sum at Various Locations in Orange County, Bridge Preservation Shopp Projects	Caltrans	\$ 40,386	\$ 55,956	\$ -	\$ -	\$ -	\$ -	\$ 96,342
10	ORA270005	Laguna Canyon Road: Protect & Connect	Laguna Beach	\$ -	\$ 13,222	\$ -	\$ -	\$ -	\$ -	\$ 13,222
11	ORA040607	Orange County - Countywide Activities: Planning, Programming and Monitoring (PPM)	OCTA	\$ 1,030	\$ 2,769	\$ 1,370	\$ 912	\$ 912	\$ -	\$ 6,993
12	ORA000820	SR-57 Truck Climbing Lane Phase II - Lambert Road to County Line	OCTA	\$ -	\$ -	\$ 18,000	\$ 5,000	\$ -	\$ -	\$ 23,000
13	ORA120535	SR-74 Ortega Highway Gap Closure & Multimodal Improvements	Various Agencies	\$ 25,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,600
14	ORA131301	SR-55 (I-5 to SR-91)	Various Agencies	\$ 172,430	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 172,430
15	ORA151401	I-5 Improvement from County Line to Avenida Pico	Various Agencies	\$ 46,086	\$ -	\$ -	\$ 13,611	\$ -	\$ -	\$ 59,697
Highways Subtotal				\$ 409,243	\$ 139,987	\$ 26,768	\$ 19,523	\$ 912	\$ -	\$ 596,433
Transit										
1	ORA020106	Preventive Maintenance (OCTA)	OCTA	\$ 33,145	\$ 33,145	\$ 33,145	\$ 33,145	\$ -	\$ -	\$ 132,580
2	ORA080803	Capital Cost of Contracting	OCTA	\$ 57,053	\$ 59,950	\$ 59,950	\$ 59,950	\$ -	\$ -	\$ 236,903
3	ORA191501	OC Streetcar Operations	OCTA	\$ 16,610	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,610
4	ORA212804	Purchase Paratransit Replacement Vehicles (13)	OCTA	\$ 2,898	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,898
5	ORA230501	Purchase Alternative Fuel Replacement Buses	OCTA	\$ -	\$ 9,797	\$ -	\$ -	\$ -	\$ -	\$ 9,797
6	ORA230505	OC Rapid Bus Route 553 Operating Assistance	OCTA	\$ 196	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 196
7	ORA233306	Coastal Rail Stabilization Priority Project	OCTA	\$ 234,693	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 234,693
8	ORA251204	Purchase Alternate Fuel 60-foot Replacement Buses	OCTA	\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ -	\$ 45,000
9	ORA251503	0.75 Percent Transit Safety Projects - Safety-related Projects Included in OCTA's Public Transportation Agency Safety Plan	OCTA	\$ 708	\$ 708	\$ 708	\$ 707	\$ -	\$ -	\$ 2,831
10	ORA270007	San Clemente North Beach Train Station Area Improvements	San Clemente	\$ 1,037	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,037
11	ORA212806	Metrolink New Capital - Add New Track, Signal, Communications, Rolling Stock, and Other Equipment and Facilities to the Metrolink System.	SCRRA	\$ 3,855	\$ 3,855	\$ 3,855	\$ 3,855	\$ -	\$ -	\$ 15,420
12	ORA170805	Preventive Maintenance (SCRRA)	SCRRA	\$ 12,180	\$ 12,180	\$ 12,180	\$ 12,180	\$ -	\$ -	\$ 48,720
13	ORA212802	Transit Capital Projects (ATN)	ATN	\$ 153	\$ 153	\$ 153	\$ 153	\$ -	\$ -	\$ 612
14	ORA212808	Preventive Maintenance (ATN)	ATN	\$ 1,313	\$ 1,313	\$ 1,313	\$ 1,313	\$ -	\$ -	\$ 5,252

15	ORA259701	PCH Coastal Rail Bridge	Various Agencies	\$ 6,263	\$ -	\$ -	\$ -	\$ 45,000	\$ -	\$ 51,263
16	ORA37111	Capital Maintenance on Metrolink System (Rehabilitation of Track, Signal, Communications, Structures, Facilities, and Rolling Stock)	SCRRA	\$ 24,085	\$ 51,585	\$ 24,085	\$ 24,085	\$ -	\$ -	\$ 123,840
17	ORA210601	OC Maintenance Facility	Various Agencies	\$ -	\$ -	\$ -	\$ 230,000	\$ -	\$ -	\$ 230,000
Transit Subtotal				\$ 394,189	\$ 217,686	\$ 135,389	\$ 365,388	\$ 45,000	\$ -	\$ 1,157,652
Total (FY 2026-27 through FY 2031-32)				\$ 978,515	\$ 465,428	\$ 169,138	\$ 392,212	\$ 93,122	\$ -	\$ 2,098,415

¹ Congestion Mitigation and Air Quality Improvement and Surface Transportation Block Grant funds may be programmed in a future FY in the FTIP but can be advanced via Local Advance Construction or Expedited Project Selection Procedure.

Acronyms

ATN - Anaheim Transportation Network
 Caltrans - California Department of Transportation
 CMAQ - Congestion Mitigation and Air Quality
 FTIP - Federal Transportation Improvement Program
 I-5 - Interstate 5
 ID - Identification
 II - Two
 No. - Number
 OC - Orange County
 OCTA - Orange County Transportation Authority
 PCH - Pacific Coast Highway
 SCRRRA - Southern California Regional Rail Authority
 SR-55 - State Route 55
 SR-57 - State Route 57
 SR-74 - State Route 74
 SR-91 - State Route 91
 STBG - Surface Transportation Block Grant

Orange County Transportation Authority Guidance for Administering the Federal Transportation Improvement Program

The Orange County Transportation Authority (OCTA) has implemented procedures for the development of the Orange County Transportation Improvement Program. These procedures include additional requirements beyond those listed in the Southern California Association of Governments (SCAG) 2027 Federal Transportation Improvement Program (FTIP) guidelines for programming local, regional, and state agencies' projects in the FTIP in Orange County.

OCTA conducts FTIP workshops with the local agencies periodically to keep local agencies informed of the FTIP process and guidelines. These workshops provide an overview of the SCAG and OCTA FTIP guidelines and procedures, a tutorial on the OCFundtracker database, where FTIP projects are managed and amended, and provides an opportunity for local agencies to ask questions related to their FTIP projects. Tutorial videos, schedules, and more FTIP information can be found on OCTA's FTIP website.

Below is a list of the additional requirements for Orange County local agencies as outlined in the OCTA FTIP guidelines.

- All projects that are listed in the FTIP require some form of approval by the OCTA Board of Directors (Board), agency board or council, or funding agency to be included in the FTIP.
- Due to the timing and limited opportunities for FTIP amendments and modifications, OCTA staff may add OCTA projects into the FTIP prior to Board approval but will not seek funding until the Board has approved the project. Further, Board approval is expected to be sought within a reasonable amount of time of the project being listed in the FTIP.
- Local agencies are required to carry over, complete, or delete their FTIP projects in the OCFundtracker database during the biennial FTIP cycle.
- All agencies, except for the California Department of Transportation (Caltrans), are required to provide a resolution from their governing board affirming their commitment to delivering and securing sufficient funding for the projects submitted in the FTIP. A new resolution is required for each FTIP cycle.
- Backup documentation that confirms approval of funding must be provided for all funds in the FTIP.
- If a project is determined to offset vehicle miles traveled (VMT) or is a transportation control measure (TCM), then OCTA will work with the local agency to determine the most appropriate time to add the project into the FTIP.¹
- If a project is a TCM, then funding for the right-of-way or construction phases may be programmed in the last two years of the FTIP quadrennial in order to provide more flexibility for the local agency. These funds can be advanced through Local Advance Construction or the Expedited Project Selection Procedure (EPSP).²
- OCTA may program funds, at its discretion, to take advantage of processes, such as local advance construction and EPSP, if needed.²

Orange County Transportation Authority Guidance for Administering the Federal Transportation Improvement Program

- OCTA staff has developed a review, checklist, and sign-off procedure to follow for every FTIP modification and amendment.

¹ The implementation of SB 743 (Chapter 386, Statutes of 2013) related to State Highway System projects throughout California has focused attention on VMT mitigation. With the implementation of SB 743, Caltrans is looking to focus attention on VMT mitigation by minimizing induced traffic and providing safe access and mobility through multimodal investments, operational improvements, and work with local partners. Projects which reduce or mitigate VMT impacts may be used as environmental mitigation for projects that will increase VMT. However, a project or program shown as already funded within an approved programming document like the FTIP implies that a project would not provide any additional benefits to offset the VMT impact. Thus, the project cannot be used as VMT mitigation.

OCTA will be strategic in adding projects that are considered TCMs. TCMs are specific transportation projects and programs committed to helping improve air quality. TCMs are required by the Federal Clean Air Act in ozone nonattainment areas that are classified as “serious, severe, or extreme” and under certain conditions [Section 182(c)] provide multiple benefits, including reductions of emissions and improvements to mobility and accessibility, and can help support better urban form.

Southern California has among the worst air quality in the nation and must implement all reasonably available measures to support attainment of federal and state air quality standards. If a TCM project cannot be delivered or is significantly delayed, the County Transportation Commission and SCAG must identify a replacement project, which must be approved through a lengthy process.

There are significant considerations in terms of adding a new project to the FTIP and OCTA will take these factors into consideration when determining the appropriate time to add a new project to the FTIP, particularly if the project may be used to offset VMT or a project that is a TCM project.

² Due to financial constraints within the FTIP and per FTIP guidelines, staff may program funding in the last two years of the FTIP quadrennial with the ability to advance the funding through processes such as local advance construction and EPSP, if needed. The local advance construction procedure allows agencies to program local dollars if they anticipate federal revenue will be received for reimbursement, which moves the project forward with limited federal funds. The EPSP allows for the advancement of projects for implementation purposes within the active period of the approved FTIP without the need for immediate processing amendments. This is not a new addition to the 2027 FTIP guidelines, but staff wants to acknowledge that it may utilize these processes to advance funding in the FTIP ahead of the Board-approved fiscal year if needed to expedite project delivery.



Capital Funding Program Report

Approved by OCTA Board of Directors - December 8, 2025

State Highway Project											
Project Title	M Code	Total Funding	Federal Funds			State Funds			Local Funds		
			STBG/CMAQ	FTA	Other Fed.	STIP	SB1	Other State	M1	M2	Other Local
I-5 widening, I-405 to Yale Avenue (Segment 1)	B	\$337,943	\$47,473		\$5,421	\$95,338	\$11,374			\$178,337	
I-5 widening, Yale Avenue to SR-55 (Segment 2)	B	\$290,041	\$32,527				\$9,780			\$247,734	
I-5 widening, Alicia Parkway to El Toro Road (Segment 3)	C	\$227,523	\$49,897		\$4,728		\$16,915			\$155,983	
I-5 widening, Oso Parkway to Alicia Parkway (Segment 2)	C	\$228,675	\$48,676		\$7,921					\$172,078	
I-5 widening, SR-73 to Oso Parkway (Segment 1)	C	\$248,198	\$28,167		\$6,433	\$73,735	\$18,242	\$29,832		\$91,789	
I-5, SR-73 to El Toro Road landscaping/replacement planting	C	\$12,335	\$790			\$6,000				\$5,545	
I-5/El Toro Road Interchange	D	\$9,713	\$9,213							\$500	
SR-55 (I-5 to SR-91)	F	\$202,135	\$7,865		\$2,641					\$191,629	
SR-55 widening between I-405 and I-5	F	\$505,720	\$160,500		\$42,375	\$80,000	\$140,000			\$82,845	
SR-57 Orangewood Avenue to Katella Avenue	G	\$135,400	\$11,500		\$3,240					\$120,660	
SR-57 truck climbing lane phase II: Lambert Road to LA County Line	G	\$32,750				\$29,500				\$3,250	
SR-91, Acacia Avenue to La Palma Avenue (Segment 3)	I	\$222,404	\$1,770		\$3,000					\$30	\$217,604
SR-91, La Palma Avenue to SR-55 (Segment 2)	I	\$380,681	\$3,460		\$4,000		\$6,641			\$40	\$366,540
SR-91, SR-55 to Lakeview Avenue (Segment 1)	I	\$132,777	\$1,770		\$5,000		\$42,566			\$30	\$83,411
SR-91, SR-57 to SR-55 (Segment 1,2 and 3) Outreach	I	\$2,000									\$2,000
SR-91, SR-241 to I-15	J	\$41,800									\$41,800
I-405 improvements, SR-73 to I-605	K	\$2,159,999	\$35,000		\$10,648			\$89,771		\$1,395,650	\$628,930
I-405 (I-5 to SR-55)	L	\$8,000	\$8,000								
I-605/ Katella Avenue interchange	M	\$53,014	\$17,800								\$35,214
241/91 Express Lanes (HOT) connector		\$182,298	\$50								\$182,248
I-5 Improvement from County Line to Avenida Pico		\$21,339	\$6,978			\$13,611					\$750
I-5 widening, I-405 to Yale Avenue (Segment 1) Multi Asset Project		\$50,144			\$36,400			\$13,744			
I-5 widening, Yale Avenue to SR-55 (Segment 2) Multi Asset Project		\$37,859			\$27,861			\$9,998			
SR-74 - Ortega Highway Gap Closure and Multimodal Improvements		\$88,513	\$30,000		\$4,250	\$43,913				\$7,200	\$3,150
SR-74 widening, City/County line to Antonio Parkway		\$40,905	\$5,285			\$10,000					\$25,620
SR-91, Acacia Avenue to La Palma Avenue (Segment 3) Multi Asset Project		\$35,046			\$26,021			\$9,025			
SR-91, SR-55 to Lakeview Avenue (Segment 1) Multi Asset Project		\$7,968			\$7,968						
State Highway Project Totals		\$5,695,180	\$506,721		\$197,907	\$352,097	\$245,518	\$152,370		\$2,688,514	\$1,552,053
Federal Funding Total		\$704,628									
State Funding Total		\$749,985									
Local Funding Total		\$4,240,567									
Total Funding (000's)		\$5,695,180									

State Highway Project Completed

Project Title	M Code	Total Funding	Federal Funds			State Funds			Local Funds		
			STBG/CMAQ	FTA	Other Fed.	STIP	SB1	Other State	M1	M2	Other Local



Capital Funding Program Report

Approved by OCTA Board of Directors - December 8, 2025

State Highway Project Completed											
Project Title	M Code	Total Funding	Federal Funds			State Funds			Local Funds		
			STBG/CMAQ	FTA	Other Fed.	STIP	SB1	Other State	M1	M2	Other Local
I-5 from SR-55 to SR-57, add one HOV lane each direction	A	\$41,500	\$36,191								\$5,309
I-5 HOV lane each direction s/o PCH to San Juan Creek Road	C	\$74,300	\$11,326					\$20,789			\$42,185
I-5 HOV lanes from s/o Avenida Vista Hermosa to s/o PCH	C	\$75,300	\$12,065			\$46,779					\$16,456
I-5 HOV lanes: s/o Avenida Pico to s/o Avenida Vista Hermosa	C	\$83,500	\$26,867		\$1,600	\$43,735					\$11,298
I-5/SR-74 interchange improvements	D	\$80,300				\$48,683		\$24,109	\$2,500		\$5,008
I-5/SR-74 interchange landscaping/replacement planting	D	\$1,440			\$752	\$688					
SR- 57 n/b widening, Katella Avenue to Lincoln Avenue - landscaping	G	\$2,172									\$2,172
SR- 57 n/b widening, SR-91 to Yorba Linda Boulevard - landscaping	G	\$946									\$946
SR-57 n/b widening, Katella Avenue to Lincoln Avenue	G	\$35,827						\$24,127			\$11,700
SR-57 n/b widening, SR-91 to Yorba Linda Boulevard	G	\$51,354						\$39,475			\$11,879
SR-57 n/b widening, Yorba Linda Boulevard to Lambert Road	G	\$52,871						\$41,250			\$11,621
SR-57 n/b widening, Yorba Linda Boulevard to Lambert Road - landscaping	G	\$1,193									\$1,193
SR-91 w/b connect existing aux lanes, I-5 to SR-57	H	\$62,977						\$27,227			\$35,750
SR-91 w/b connecting existing aux lanes, I-5 to SR-57 - landscaping	H	\$2,290									\$2,290
SR-91 w/b (SR-55 - Tustin Avenue interchange) improvements	I	\$43,753				\$15,753		\$14,000			\$14,000
SR-91 e/b widening, SR-241 to SR-71	J	\$57,773			\$45,911						\$6,942
SR-91 w/b routes SR-91/SR-55 - e/o Weir Canyon Road replacement planting	J	\$2,898				\$2,898					
SR-91 widening, SR-55 to Gypsum Canyon Road (Weir Canyon Road/SR-241)	J	\$76,993				\$22,250		\$54,045			\$698
I-405 s/b aux lane - University Drive to Sand Canyon Avenue and Sand Canyon Avenue to SR-133		\$2,328				\$2,328					
I-405/SR-22/I-605 HOV connector - landscaping		\$4,600	\$4,600								
HOV connectors from I-405 and I-605	M1	\$173,091	\$14,787					\$135,430	\$16,200		\$6,674
HOV connectors from SR-22 to I-405	M1	\$115,878	\$64,375		\$49,625				\$1,878		
State Highway Project Completed Totals		\$1,043,284	\$170,211		\$97,888	\$183,114		\$380,452	\$20,578	\$174,439	\$16,602
Federal Funding Total		\$268,099									
State Funding Total		\$563,566									
Local Funding Total		\$211,619									
Total Funding (000's)		\$1,043,284									



Capital Funding Program Report

Approved by OCTA Board of Directors - December 8, 2025

Acronyms:

Aux - Auxilliary
CMAQ - Congestion Mitigation Air Quality Improvement Program
E/B - Eastbound
E/O - East of
FED - Federal
FTA - Federal Transit Administration
HOT - High-Occupancy Toll
HOV - High-Occupancy Vehicle
I-405 - Interstate 405
I-5 - Interstate 5
I-15 - Interstate 15
I-605 - Interstate 605
LA - Los Angeles
M Code - Project Codes in Measure M1 and M2
M1 - Measure M1
M2 - Measure M2
N/B - Northbound
OCTA - Orange County Transportation Authority
PCH - Pacific Coast Highway
S/B - Southbound
S/O - South of
SB 1 - SB 1 (Chapter 5, Statutes of 2017)
SR-133 - State Route 133
SR-22 - State Route 22
SR-241 - State Route 241
SR-55 - State Route 55
SR-57 - State Route 57
SR-71 - State Route 71
SR-73 - State Route 73
SR-74 - State Route 74
SR-91 - State Route 91
STBG - Surface Transportation Block Grant
STIP - State Transportation Improvement Program
W/B - Westbound



Capital Funding Program Report

Approved by OCTA Board of Directors - August 14, 2025

Bus Transit Project											
Project Title	M Code	Total Funding	Federal Funds			State Funds			Local Funds		
			STBG/CMAQ	FTA	Other Fed.	STIP	SB1	Other State	M1	M2	Other Local
Go Local - Step 1	S	\$5,730							\$5,730		
Mobile ticketing equipment	S	\$4,036						\$4,036			
M2 Project V Community Circulators	V	\$53,767								\$53,767	
M2 Project W Safe Transit Stops (City)	W	\$1,708								\$1,708	
M2 Project W Safe Transit Stops (OCTA)	W	\$370								\$370	
40 Hydrogen Fuel-Cell 40-Foot Buses		\$65,595	\$29,831					\$35,764			
Anaheim Transportation Network suballocation		\$9,493		\$9,493							
Associated Transportation Improvements		\$556		\$556							
Bike Lockers at Santa Ana Regional Transportation Center		\$2,000						\$2,000			
Bravo! 553 (operating costs)		\$7,275	\$5,721					\$1,554			
Bus engine repowers (173)		\$12,365	\$12,365								
Capitalized cost of contracted services FY 2021-22 to FY 2025-26 (ACCESS and contracted fixed-route contracts)		\$463,410		\$365,958							\$97,452
DCFC Charging at Fullerton Transportation Center and EMSD		\$1,250						\$1,250			
Digital bus stop sign 13" along high quality transit corridors (143 signs)		\$2,500				\$2,500					
EMSD Call		\$2,280									\$2,280
Facilities upgrades, modifications, and replacement projects		\$1,739					\$1,739				
Harbor Boulevard dynamic bus lane (environmental/engineering)		\$5,100						\$5,100			
Harbor Boulevard Connected Bus Pilot Stage I		\$2,000		\$1,600				\$400			
Harbor Boulevard Connected Bus Pilot Stage II		\$6,800						\$5,400		\$1,400	
Harbor Boulevard high-capacity transit expansion environmental		\$14,000	\$14,000								
Heating-Ventilation Replacement at Santa Ana Bus Base		\$4,593					\$4,593				
Hydrogen Fueling Station at Garden Grove Bus Base		\$22,080					\$8,156	\$13,924			
Installation of Battery-Electric Chargers at Santa Ana Bus Base		\$2,790					\$2,790				
Non-fixed-route paratransit operations assistance - FY 2021-22 to FY 2025-26		\$257,046		\$97,682							\$159,364
OC Bus Operations - Connections to OC Streetcar		\$6,072						\$6,072			
OC Mobility Hubs Strategy		\$297	\$263			\$34					
Open payment system and smart fareboxes		\$26,500						\$26,500			
Preventive maintenance - including salaries and benefits (includes ATN & Laguna Beach)		\$327,556		\$327,556							
Purchase 117 replacement paratransit vehicles		\$14,995		\$14,995							
Purchase 131 replacement paratransit vehicles		\$29,023		\$29,023							
Rehabilitation and renovation at OCTA bus facilities		\$1,509		\$1,207							\$302
Rideshare/vanpool		\$20,232	\$20,232								
Safety Projects		\$565		\$565							
Security Gates at Garden Grove, Santa Ana, Anaheim bus bases		\$5,859					\$5,859				
Transit Security and Operations Center		\$68,261			\$3,660	\$10,381	\$43,828	\$5,603			\$4,789
Transit service expansion planning		\$9,000	\$9,000								



Capital Funding Program Report

Approved by OCTA Board of Directors - August 14, 2025

Bus Transit Project												
Project Title	M Code	Total Funding	Federal Funds			State Funds			Local Funds			
			STBG/CMAQ	FTA	Other Fed.	STIP	SB1	Other State	M1	M2	Other Local	
Vanpool Program - capital lease		\$12,999	\$12,999									
Zero-emission bus (future)		\$34,084	\$22,624						\$11,460			
Zero-emission bus and bus facility		\$142,955	\$115,594						\$27,361			
Zero-emission Paratransit Vehicle Pilot		\$5,016		\$2,508					\$2,507		\$1	
Bus Transit Project Totals		\$1,653,406	\$242,629	\$851,143	\$3,660	\$12,915	\$66,965	\$148,931	\$5,730	\$57,245	\$264,188	
Federal Funding Total		\$1,097,432										
State Funding Total		\$228,811										
Local Funding Total		\$327,163										
Total Funding (000's)		\$1,653,406										

Bus Transit Project Completed												
Project Title	M Code	Total Funding	Federal Funds			State Funds			Local Funds			
			STBG/CMAQ	FTA	Other Fed.	STIP	SB1	Other State	M1	M2	Other Local	
ACCESS and fixed-route radio systems upgrade		\$22,465		\$4,434	\$341				\$16,239			
Bravo! 529 buses (six)		\$3,595	\$549						\$3,046			
Bus replacement - articulated alternative fuel buses (60')		\$31,105	\$22,250	\$8,855								
Bus replacement (40' and ACCESS)		\$149,009	\$29,198	\$68,139							\$51,672	
Engine rebuild		\$16,294		\$14,824					\$1,470			
FTA Section 5310 - EMDS		\$3,657		\$3,657								
FTA Section 5316 Jobs Access and Reverse Commute		\$13,962		\$13,962								
FTA Section 5317 New Freedom		\$6,388		\$6,388								
Goldenwest Transportation Center parking structure		\$4,000	\$3,400								\$600	
Goldenwest Transportation Center surface lot		\$2,000							\$1,200		\$800	
Heating ventilation unit replacements		\$92							\$92			
iShuttle replacement buses (12)		\$6,760							\$6,084			
MSRC County Transportation Commission Partnership Program		\$2,761							\$1,924			
Purchase 201, 40-foot alternative fuel replacement buses (OCTA)		\$94,599		\$64,148							\$30,451	
Standby backup generators at Anaheim and IRCC bus bases		\$1,601							\$1,601			
Transit Security Program		\$3,167							\$3,167			
VSS upgrades at OCTA facilities		\$1,159		\$960					\$199			
Zero-emission Bravo! buses (ten-battery electric) and bus infrastructure		\$11,289							\$6,295	\$4,994		
Zero-emission hydrogen fuel cell buses (ten)		\$12,978							\$5,640	\$7,338		
Bus Transit Project Completed Totals		\$386,881	\$55,397	\$185,367	\$341		\$19,712	\$39,577				



Capital Funding Program Report

Approved by OCTA Board of Directors - August 14, 2025

Bus Transit Project Completed												
Project Title			M Code	Total Funding	STBG/CMAQ	FTA	Other Fed.	STIP	SB1	Other State	Local Funds	
										M1	M2	Other Local
Federal Funding Total				\$241,105								
State Funding Total				\$59,289								
Local Funding Total				\$86,487								
Total Funding (000's)				\$386,881								

Acronyms:

" - Inches

' - Feet

ATN - Anaheim Transportation Network

DCFC - Direct Current Fast Charging

EMSD - Enhanced Mobility of Seniors and Individuals with Disabilities

FY - Fiscal Year

IRCC - Irvine Construction Circle

MSRC - Mobile Source Air Pollution Reduction Review Committee

OC - Orange County

VSS - Video Surveillance System



Capital Funding Program Report

Approved by OCTA Board of Directors - October 13, 2025

Local Road Project												
Project Title	M Code	Total Funding	Federal Funds			State Funds			Local Funds			
			STBG/CMAQ	FTA	Other Fed.	STIP	SB1	Other State	M1	M2	Other Local	
State-Local Partnership Program formula grant call	M1/Q	\$54,445						\$24,945	\$1,280	\$27,249	\$971	
M2 Project O Regional Capacity Program call	O	\$402,211						\$24,254		\$377,957		
SR-57 truck climbing lane phase I - Lambert Road interchange improvement	O	\$121,500			\$7,719	\$74,705				\$19,254	\$19,822	
M2 Project P Regional Signal Synchronization Program call	P	\$158,828	\$1,774					\$11,762	\$4,546	\$140,746		
Regional Traffic Signal Synch (Edinger Ave, MacArthur Blvd/Talbert Ave, and Warner Ave)	P	\$15,000					\$10,200			\$4,200	\$600	
M2 Project Q Fair Share Program (FY 2016-17 through FY 2021-22)	Q	\$361,621								\$361,621		
M2 Project X Environmental Clean Up	X	\$64,449								\$64,449		
Active Transportation Program - regional call		\$82,704	\$6,359		\$62,653	\$92		\$107			\$13,493	
Bicycle Corridor Improvement Program		\$63,128	\$43,755								\$19,373	
Bristol Street widening		\$44,750									\$44,750	
Countywide Signal Synchronization Baseline		\$15,000	\$15,000									
First Street Multimodal Boulevard Design		\$4,300						\$4,300				
Local Agency led SCCP projects		\$3,357					\$3,357					
M1 Combined Transportation Funding Program		\$34,000							\$34,000			
McFadden Avenue Transit Signal Priority Pilot		\$3,690						\$3,690				
OC Connect Santa Ana - Garden Grove Rails to Trails		\$8,000			\$3,750	\$3,900		\$350				
OC Loop - Segment A (La Habra)		\$50,154	\$2,402		\$3,340	\$42,389					\$2,023	
OC Loop Segment B (Brea)		\$20,677	\$7,368		\$4,012	\$6,149					\$3,148	
Orange County Complete Streets (Wave 3)		\$34,706	\$26,316								\$8,390	
Orange County Complete Streets (Wave 4)		\$5,229	\$4,687								\$542	
Orange County Complete Streets Program (Wave 1)		\$40,915	\$25,062								\$15,853	
Orange County Complete Streets Program (Wave 2)		\$40,072	\$33,421								\$6,651	
Pavement Management Relief Funding Program		\$9,469			\$3,811			\$5,658				
SCAG sustainability planning grants		\$720			\$671						\$49	
Traffic signal improvements		\$15,000				\$12,000					\$3,000	
Transportation enhancement activities		\$22,172			\$15,628						\$6,544	
Local Road Project Totals		\$1,676,097	\$166,144		\$101,584	\$139,235	\$13,557	\$75,066	\$39,826	\$995,476	\$145,209	
Federal Funding Total		\$267,728										
State Funding Total		\$227,858										
Local Funding Total		\$1,180,511										
Total Funding (000's)		\$1,676,097										

Local Road Project Completed												
Project Title	M Code	Total Funding	Federal Funds			State Funds			Local Funds			
			STBG/CMAQ	FTA	Other Fed.	STIP	SB1	Other State	M1	M2	Other Local	
Grand Avenue widening, 1st Street to 4th Street	O	\$12,537	\$6,708									\$5,829



Capital Funding Program Report

Approved by OCTA Board of Directors - October 13, 2025

Local Road Project Completed											
Project Title	M Code	Total Funding	Federal Funds			State Funds			Local Funds		
			STBG/CMAQ	FTA	Other Fed.	STIP	SB1	Other State	M1	M2	Other Local
Kraemer Boulevard grade separation	O	\$63,830	\$22,044					\$16,973		\$22,981	\$1,832
Lakeview Avenue grade separation	O	\$110,702	\$37,102		\$9,709			\$27,344		\$21,792	\$14,755
Orangethorpe Avenue grade separation	O	\$106,043	\$38,240		\$18,600			\$30,324		\$16,182	\$2,697
Placentia Avenue grade separation	O	\$64,539						\$33,386		\$27,453	\$3,700
Raymond Avenue grade separation	O	\$125,419						\$95,482		\$22,373	\$7,564
State College Boulevard grade separation	O	\$99,380	\$27,161		\$10,887			\$34,785		\$15,460	\$11,087
Tustin Avenue/Rose Drive grade separation	O	\$96,638	\$45,957					\$22,534		\$26,384	\$1,763
M2 Fair Share State - Local Partnership Grant Program	Q	\$7,032						\$3,516		\$3,516	
Antonio Parkway widening		\$32,553	\$15,499								\$17,054
ARRA transportation enhancements		\$6,833			\$4,049				\$500		\$2,284
Arterial Pavement Management Program		\$50,951	\$19,655		\$604						\$30,692
Atlanta Avenue widening		\$4,160	\$2,278								\$1,882
Firestone Boulevard widening at Artesia Boulevard		\$2,468	\$2,059								\$409
Local Agency American Reinvestment and Recovery Act of 2009 rehabilitation projects		\$32,369			\$32,369						
Del Obispo widening	M1	\$6,419	\$3,740								\$2,679
I-5 at La Paz interchange improvements	M1	\$8,942	\$2,800						\$1,792		\$4,350
Imperial Highway Smart Streets	M1	\$1,900						\$200	\$200		\$1,500
Traffic Light Synchronization Program, countywide - Proposition 1B	M1	\$8,000						\$4,000	\$4,000		
Local Road Project Completed Totals		\$840,715	\$223,243		\$76,218			\$268,544	\$6,492	\$156,141	\$110,077
Federal Funding Total		\$299,461									
State Funding Total		\$268,544									
Local Funding Total		\$272,710									
Total Funding (000's)		\$840,715									



Capital Funding Program Report

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Acronyms:

ARRA - American Recovery and Reinvestment Act of 2009

Ave - Avenue

Blvd - Boulevard

Call - Call for Projects

SCAG - Southern California Association of Governments

SCCP - Solutions for Congested Corridors Program

Synch - Synchronization



Capital Funding Program Report

Approved by OCTA Board of Directors - November 24, 2025

Rail Project												
Project Title	M Code	Total Funding	Federal Funds			State Funds			Local Funds			
			STBG/CMAQ	FTA	Other Fed.	STIP	SB1	Other State	M1	M2	Other Local	
OC Streetcar (New Starts)	M1/S	\$649,000	\$130,132	\$171,961				\$175,427		\$171,480		
OC Streetcar (non-New Starts)	M1/S	\$16,702		\$342					\$6,904	\$9,313	\$143	
OC Streetcar (operations and potential future capital needs)	M1/S	\$0	\$0									
Coastal Rail Infrastructure Resiliency Project Environmental Phase 2	R	\$10,220			\$8,176					\$2,044		
Coastal Rail Stabilization Priority Project	R	\$313,580			\$103,824		\$80,000	\$128,800		\$956		
Cyprus Shore Initial Track Stabilization Projects (MP 206.8)	R	\$8,000								\$7,000	\$1,000	
Cyprus Shore Track Stabilization Projects (MP 206.8)	R	\$14,110	\$6,000		\$1,210	\$6,000		\$200		\$700		
Future VSS	R	\$217		\$174							\$43	
Inland Slope Rehabilitation Phase II	R	\$8,170					\$2,400			\$5,770		
Irvine Station Improvement Project	R	\$6,330						\$6,330				
Metrolink new capital	R	\$21,977	\$2,121	\$19,856								
Metrolink Operating Subsidy - FY 2023-24 to FY 2027-28	R	\$271,246		\$71,212				\$135,745		\$64,289		
Metrolink rehabilitation/renovation - FY 2021-22 to FY 2025-26	R	\$209,117		\$209,117								
Metrolink station and track improvements, and rehabilitation	R	\$3,063		\$2,617							\$446	
MP 204.2 Mariposa Point	R	\$9,200				\$9,200						
OC Maintenance Facility	R	\$91,230				\$20,000		\$71,230				
Placentia Commuter Rail Station	R	\$34,825	\$50			\$2,500		\$400		\$8,000	\$23,875	
Rail track and structures	R	\$86,468						\$86,468				
San Clemente Track Protection (MP 204.6)	R	\$5,500				\$3,000	\$2,500					
San Juan Creek Bridge replacement	R	\$65,581	\$945	\$38,513	\$913		\$5,578	\$18,253		\$1,379		
SCRRRA operating subsidy assistance	R	\$2,510								\$2,510		
OC Streetcar operations	S	\$164,971	\$18,050					\$74,659		\$40,506	\$31,756	
Pacific Coast Highway Coastal Rail Bridge		\$21,263				\$15,000					\$6,263	
Pedestrian Audible Warning System		\$2,036						\$1,818			\$218	
Rail Project Totals		\$2,015,316	\$157,298	\$513,792	\$114,123	\$55,700	\$90,478	\$699,330	\$6,904	\$313,947	\$63,744	
Federal Funding Total		\$785,213										
State Funding Total		\$845,508										
Local Funding Total		\$384,595										
Total Funding (000's)		\$2,015,316										

Rail Project Completed												
Project Title	M Code	Total Funding	Federal Funds			State Funds			Local Funds			
			STBG/CMAQ	FTA	Other Fed.	STIP	SB1	Other State	M1	M2	Other Local	
Fullerton Transportation Center parking expansion	M1/R	\$33,667				\$11,250		\$11,035	\$9,718		\$1,664	
Laguna Niguel-Mission Viejo Station parking improvements and expansion (ADA ramps)	M1/R	\$5,581	\$3,204	\$732					\$1,645			
Metrolink Grade Crossing safety improvements (OCX)	M1/R	\$80,618						\$18,250	\$7,600	\$30,710	\$24,058	



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Rail Project Completed											
Project Title	M Code	Total Funding	Federal Funds			State Funds			Local Funds		
			STBG/CMAQ	FTA	Other Fed.	STIP	SB1	Other State	M1	M2	Other Local
Metrolink rolling stock	M1/R	\$158,009	\$42,230	\$35,390				\$36,300	\$44,089		
Metrolink service track expansion	M1/R	\$119,957						\$51,399	\$68,558		
Orange Transportation Center parking structure	M1/R	\$31,003	\$2,555	\$2,644		\$13,762			\$1,850	\$420	\$9,772
Sand Canyon Avenue grade separation	M1/R	\$62,050	\$10,536					\$28,192	\$3,116	\$5,352	\$14,854
M2 Project S Fixed-Guideway Anaheim Rapid connection	M1/S	\$9,924		\$1,516					\$6,000	\$1,286	\$1,122
Anaheim Regional Intermodal Transportation Center (ARTIC) construction	M1/T	\$184,164	\$33,250	\$37,253	\$3,501	\$29,219			\$43,900	\$35,291	\$1,750
Fullerton Transportation Station expansion planning, environmental PSR	M1/T	\$0	\$0						\$0		
Santa Ana grade separation planning and environmental PSR	M1/T	\$1,333	\$1,180						\$153		
Santa Ana Transportation Station planning and environmental PSR	M1/T	\$1,003	\$888						\$115		
17th Street grade separation environmental	R	\$2,476								\$2,476	
Anaheim Canyon Station	R	\$34,200	\$30,432							\$2,000	\$1,768
Control Point at 4th Street	R	\$2,985		\$2,985							
Control Point Stadium crossover	R	\$6,490		\$3,245				\$3,245			
Fullerton Transportation Center stair rehabilitation	R	\$1,065		\$1,030							\$35
Laguna Niguel to San Juan Capistrano passing siding	R	\$35,956	\$24,652	\$1,015		\$3,000		\$6,734			\$555
LOSSAN Corridor grade separations PSR in Anaheim, Orange, and Santa Ana	R	\$2,699								\$2,699	
Metrolink grade crossing safety improvements ROW	R	\$3,025								\$3,025	
North Beach crossings safety enhancements	R	\$348						\$166		\$182	
Positive Train Control (Metrolink)	R	\$39,916		\$4,492	\$1,234			\$34,190			
Rail Crossing signal lights and pedestrian gates	R	\$252						\$252			
Rail station platform safety improvements (cities of Fullerton, Irvine, and Tustin)	R	\$553						\$553			
Safety repairs for San Clemente Pier Station	R	\$122						\$122			
San Clemente Beach Trail crossings safety enhancements	R	\$4,999						\$2,170		\$2,251	\$578
Slope and culvert improvements	R	\$300		\$300							
Slope stabilization cities of Laguna Niguel-Lake Forest	R	\$5,168		\$4,834						\$334	
Tactile tile project	R	\$1,569		\$1,538						\$31	
Ticket vending machines	R	\$6,857									\$6,857
Transit Rail Security (monitors, fencing, video surveillance)	R	\$163						\$163			
VSS at commuter rail stations	R	\$4,409		\$3,594				\$56			\$759
Go Local	S	\$7,730							\$7,730		
M2 Project S Transit extensions to Metrolink (Rubber Tire)	S	\$733								\$733	
ARTIC environmental, ROW, program management support, site plan	M1	\$41,369							\$8,869		\$32,500
Fiber Optics installation (Metrolink)	M1	\$23,183		\$10,903				\$10,479	\$1,801		
Laguna Niguel-Mission Viejo Station parking expansion (south lot)	M1	\$4,135						\$695	\$3,440		
Tustin Rail Station parking expansion	M1	\$15,390				\$1,100		\$7,181	\$7,109		
Rail Project Completed Totals		\$933,401	\$148,927	\$111,471	\$4,735	\$58,331		\$211,182	\$215,693	\$86,790	\$96,272



Capital Funding Program Report

Approved by OCTA Board of Directors - November 24, 2025

Rail Project Completed												
Project Title	M Code	Total Funding	Federal Funds			State Funds			Local Funds			
			STBG/CMAQ	FTA	Other Fed.	STIP	SB1	Other State	M1	M2	Other Local	
Federal Funding Total		\$265,133										
State Funding Total		\$269,513										
Local Funding Total		\$398,755										
Total Funding (000's)		\$933,401										

Acronyms:

- ADA - Americans with Disabilities Act
- LOSSAN - Los Angeles-San Diego-San Luis Obispo Rail Corridor
- MP - Mile Post
- OCX - Rail-Highway Grade Crossing/Safety Enhancement Project
- PSR - Project Study Report
- ROW - Right-of-Way
- SCRRRA - Southern California Regional Rail Authority/Metrolink



COMMITTEE TRANSMITTAL

February 9, 2026

To: Members of the Board of Directors

From: Andrea West, Clerk of the Board *Andrea West*

Subject: Second Quarter Fiscal Year 2025 26 Capital Action Plan and Performance Metrics

Executive Committee Meeting of February 2, 2026

Present: Chair Federico, Vice Chair Jung, Directors Chaffee, Klopfenstein
Absent: Directors Hennessey and Wagner

Committee Vote

No action was taken on this item.

Staff Recommendation(s)

Receive and file as an information item.



February 2, 2026

A handwritten signature in blue ink, appearing to read "Darrell E. Johnson", is placed over the date.

To: Executive Committee

From: Darrell E. Johnson, Chief Executive Officer

Subject: Second Quarter Fiscal Year 2025-26 Capital Action Plan and Performance Metrics

Overview

Staff has prepared the quarterly progress report on capital project delivery for the period of October 2025 through December 2025 for review by the Orange County Transportation Authority Board of Directors. This report highlights the Capital Action Plan for project delivery, which is used as a performance metric to assess delivery progress on highway, transit, and rail projects, as well as a snapshot of the planned Capital Action Plan project delivery milestones in fiscal year 2025-26.

Recommendation

Receive and file as an information item.

Background

The Orange County Transportation Authority (OCTA) delivers highway, transit, rail, and facility projects from the beginning of the environmental approval phase through construction completion. Project delivery milestones are planned carefully with consideration of project scope, cost, schedule, and assessment of risks. The milestones reflected in the Capital Action Plan (CAP) are OCTA's planned and budgeted major project delivery commitments.

This report provides the second quarter progress report on the CAP performance metrics for fiscal year (FY) 2025-26.

Discussion

OCTA's objective is to deliver projects on schedule and within the approved project budget. Key project cost and schedule commitments are captured in the CAP, which is regularly updated with project status and any new

projects (Attachment A). The CAP is categorized into three key project groupings of freeway, railroad grade separation, and transit projects. Project delivery schedule milestones are used as performance indicators of progress in meeting commitments. The CAP performance metrics report provides a FY snapshot of the milestones targeted for delivery in the FY and provides transparency and performance measurement of capital project delivery.

The CAP project costs represent the total cost across all phases of project delivery, including support costs, right-of-way (ROW), and construction capital costs. Baseline costs, if established, are shown in comparison to either the actual or forecast cost. Baseline costs may be shown as to-be-determined (TBD) if project scoping studies and estimates have not been developed or approved and may be updated as delivery progresses and milestones achieved. Projects identified in the Orange County local transportation sales tax Measure M2 (M2) are identified with the corresponding M2 project logo. The CAP status update is also included in the M2 Quarterly Progress Report.

The CAP summarizes the very complex capital project critical path delivery schedules into eight key milestones.

Begin Environmental	The date work on the environmental clearance, project report, or preliminary engineering phase begins.
Complete Environmental	The date environmental clearance and project approval is achieved.
Begin Design	The date final design work begins, or the date when a design-build contract begins.
Complete Design	The date final design work is 100 percent complete and approved.
Construction Ready	The date contract bid documents are ready for advertisement, including certification of ROW, all agreements executed, and contract constraints cleared.
Advertise for Construction	The date a construction contract is advertised for construction bids.
Award Contract	The date the construction contract is awarded.

Construction Complete

The date all construction work is complete, and the project is open to public use. This does not include the plant establishment period if included in the construction contract.

These delivery milestones reflect progression across the project delivery phases shown below.



Project schedules reflect planned baseline milestone dates in comparison to forecast or actual milestone dates. Milestone dates may be shown as TBD if project scoping or approval documents have not been finalized and approved, or if the delivery schedule has not been negotiated with a partnering agency or the consultant preparing or working on the specific phase of a project. Planned milestone dates can be revised to reflect new dates from approved baseline schedule changes. Baseline schedule changes are typically made when transitioning to a new project delivery phase, or when significant change is identified during a phase of project delivery. Project schedules are reviewed monthly, and milestone achievements and updated forecast dates are included to reflect project delivery status.

The following milestones were completed in the second quarter of FY 2025-26:

- The award contract milestone for the State Route 91 (SR-91) Improvement Project between Acacia Street and La Palma Avenue (Segment 3) was achieved. The California Department of Transportation (Caltrans) awarded the contract to OHL USA, Inc. on October 18, 2025.
- The award contract milestone for the Interstate 5 (I-5) Improvement Project between Yale Avenue and State Route 55 (SR-55) was achieved one quarter earlier than anticipated. Caltrans awarded the contract to Granite Construction Company on November 12, 2025.

The following milestones missed the planned delivery through the second quarter of FY 2025-26:

- The complete design milestone for the SR-55 Improvement Project between I-5 and SR-91 were missed due to required design refinements and additional ROW and utility needs.

- The construction ready milestone for the SR-91 Improvement Project between La Palma Avenue and SR-55 was missed due to ROW acquisition delays.
- The complete design and construction ready milestones for the SR-91 to State Route 241 Express Connector were missed and are awaiting final approval by Caltrans and execution of required agreements to be construction ready.

Recap of FY 2025-26 Performance Metrics Through the Second Quarter

The FY 2025-26 performance metrics snapshot reflects 19 planned major project delivery milestones to be accomplished throughout the FY (Attachment B). Seven of the 11 milestones planned through the second quarter of FY 2025-26 were delivered, and one milestone planned in the third quarter was delivered early.

Second Quarter FY 2025-26 CAP Milestone and Cost Variance Updates

I-5 Between Yale Avenue and SR-55

The complete construction milestone was adjusted to account for the actual construction contract award date.

State Route 57 (SR-57) Northbound from Orangewood Avenue to Katella Avenue

The complete construction milestone was adjusted to account for the actual construction contract award date.

SR-57 Northbound Truck Lane Between Lambert Road and Tonner Canyon

The begin environmental milestone was advanced to November 2025. Caltrans is the lead agency for the environmental phase and has forecast completing the environmental in August 2028.

SR-91 Between La Palma Avenue and SR-55 (Segment 2)

The forecast construction ready, advertise construction, award contract, and complete construction milestones were adjusted to match the updated ROW acquisition schedule.

SR-91 Between Acacia Street and La Palma Avenue (Segment 3)

The complete construction milestone was adjusted to account for the actual construction contract award date.

**91 Eastbound Corridor Operations Project Between State Route 241 (SR-241)
and State Route 71 (SR-71)**

The forecast complete environmental milestone was adjusted to June 2026 based on progress reported by the Riverside County Transportation Commission (RCTC). Additional milestone forecasts were added based on RCTC's progressive design-build schedule.

SR-91 to SR-241 Express Connector

Remaining forecast milestones were adjusted based on the Transportation Corridor Agency's reported progress on the complete design and construction ready milestones.

FY 2025-26 Cost and Performance Metrics Risks

There are continued concerns regarding workforce availability in construction and manufacturing markets, and there remains uncertainty regarding tariffs and the potential impacts they may have. The Caltrans Price Index for selected highway construction items for the fourth quarter of calendar year 2025 reduced by -10.12 percent from the third quarter of calendar year 2025. Staff will continue to assess unit price data from construction bids in the region and make needed adjustments to forecast costs.

Summary

Capital project delivery continues to progress and is reflected in the CAP. Eight planned milestones have been delivered through the second quarter of FY 2025-26. Forecast schedules and costs have been updated for the FY 2025-26 performance metrics, which will be used as a general quarterly project delivery performance indicator. Staff will continue to manage project costs and schedules across all project phases to meet project delivery commitments and report quarterly.

Attachments

- A. Capital Action Plan, Status Through December 2025
- B. Capital Programs Division, Fiscal Year 2025-26 Performance Metrics Through December 2025

Prepared by:



James G. Beil, P.E.
Executive Director, Capital Programs
(714) 560-5646

Capital Action Plan

Status Through December 2025

Updated: January 12, 2026

Capital Projects	Cost Baseline/Forecast (millions)	Schedule Plan/Forecast							
		Begin Environmental	Complete Environmental	Begin Design	Complete Design	Construction Ready	Advertise Construction	Award Contract	Complete Construction
Freeway Projects:									
I-5, Avenida Pico to San Diego County Line	TBD	Feb-21	Apr-24	TBD	TBD	TBD	TBD	TBD	TBD
	TBD	Feb-21	Dec-26	TBD	TBD	TBD	TBD	TBD	TBD
I-5, Avenida Pico to Vista Hermosa	\$113.0	Jun-09	Dec-11	Jun-11	Oct-13	Feb-14	Oct-14	Dec-14	Aug-18
Project C	\$83.6	Jun-09	Oct-11	Jun-11	Oct-13	May-14	Sep-14	Dec-14	Aug-18
I-5, Vista Hermosa to Pacific Coast Highway	\$75.6	Jun-09	Dec-11	Jun-11	Feb-13	Jun-13	Oct-13	Dec-13	Mar-17
Project C	\$75.3	Jun-09	Oct-11	Jun-11	May-13	Aug-13	Feb-14	Jun-14	Jul-17
I-5, Pacific Coast Highway to San Juan Creek Road	\$70.7	Jun-09	Dec-11	Jun-11	Jan-13	May-13	Aug-13	Oct-13	Sep-16
Project C	\$74.3	Jun-09	Oct-11	Jun-11	Jan-13	Apr-13	Aug-13	Dec-13	Jul-18
I-5, I-5/Ortega Interchange	\$90.9	Sep-05	Jun-09	Jan-09	Nov-11	Mar-12	Jun-12	Aug-12	Sep-15
Project D	\$79.8	Sep-05	Jun-09	Jan-09	Dec-11	Apr-12	Jun-12	Aug-12	Jan-16
I-5, I-5/Ortega Interchange (Landscape)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Project D	N/A	N/A	N/A	Jan-14	Oct-14	Feb-15	Aug-15	Sep-15	Sep-16
I-5, SR-73 to Oso Parkway	\$151.9	Sep-11	Jun-14	Mar-15	Jan-18	May-18	Aug-18	Dec-18	Apr-25
Project C & D	\$229.4	Oct-11	May-14	Mar-15	Aug-18	May-19	Aug-19	Dec-19	Jul-25
I-5, Oso Parkway to Alicia Parkway	\$196.2	Sep-11	Jun-14	Nov-14	Jun-17	Dec-17	Feb-18	Jun-18	Nov-23
Project C & D	\$230.3	Oct-11	May-14	Nov-14	Dec-17	Jun-18	Nov-18	Mar-19	Dec-24
I-5, Alicia Parkway to El Toro Road	\$133.6	Sep-11	Jun-14	Mar-15	Jun-18	Dec-18	Jan-19	May-19	Oct-24
Project C	\$227.3	Oct-11	May-14	Mar-15	May-19	Apr-20	May-20	Sep-20	Jul-25
I-5, SR-73 to El Toro Road (Landscape)	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Project C	\$12.4	N/A	N/A	Mar-23	Oct-24	Dec-24	Mar-25	May-25	Dec-26
I-5, I-5/El Toro Road Interchange	TBD	Apr-17	Apr-26	TBD	TBD	TBD	TBD	TBD	TBD
Project D	TBD	Apr-17	Dec-26	TBD	TBD	TBD	TBD	TBD	TBD
I-5, I-405 to Yale Avenue	\$280.6	May-14	Aug-18	Oct-21	May-24	May-25	Dec-25	Feb-26	Sep-29
Project B	\$388.1	May-14	Jan-20	Oct-21	Nov-24	Jun-25	Aug-25	Jan-26	Aug-29
I-5, Yale Avenue to SR-55	\$238.3	May-14	Aug-18	May-21	Feb-25	Aug-25	Nov-25	Dec-25	Feb-31
Project B	\$327.9	May-14	Jan-20	May-21	Aug-24	Jun-25	Aug-25	Nov-25	Feb-31
I-5, SR-55 to SR-57	\$38.1	Jul-11	Jun-13	Jun-15	Mar-17	Jul-17	Sep-17	Dec-17	Apr-21
Project A	\$38.9	Jun-11	Apr-15	Jun-15	Jun-17	Dec-17	Mar-18	Nov-18	Jan-21
SR-55, I-405 to I-5	\$410.9	Feb-11	Nov-13	Sep-17	Apr-20	Dec-20	Apr-21	May-22	Feb-27
Project F	\$505.7	May-11	Aug-17	Sep-17	Apr-20	Sep-21	Dec-21	May-22	Mar-27

Capital Action Plan

Status Through December 2025

Updated: January 12, 2026

Capital Projects	Cost Baseline/Forecast (millions)	Schedule Plan/Forecast							
		Begin Environmental	Complete Environmental	Begin Design	Complete Design	Construction Ready	Advertise Construction	Award Contract	Complete Construction
SR-55, I-5 to SR-91	\$131.3	Dec-16	Jan-20	Aug-22	Jul-25	Dec-25	Apr-26	Jul-26	Oct-29
Project F	\$202.1	Dec-16	Mar-20	Aug-22	Jan-26	Sep-26	Jan-27	Apr-27	Jul-30
SR-57 Northbound (NB), Orangewood Avenue to Katella Avenue	\$71.8	Apr-16	Dec-18	Mar-22	Jul-24	Feb-25	Jul-25	Nov-25	Apr-29
Project G	\$135.4	Apr-16	Mar-19	Mar-22	Aug-24	May-25	Jul-25	Sep-25	Jun-28
SR-57 NB, Katella Avenue to Lincoln Avenue	\$78.7	Apr-08	Jul-09	Jul-08	Nov-10	Mar-11	May-11	Aug-11	Sep-14
Project G	\$38.0	Apr-08	Nov-09	Aug-08	Dec-10	Apr-11	Jul-11	Oct-11	Apr-15
SR-57 NB, Katella Avenue to Lincoln Avenue (Landscape)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Project G	N/A	N/A	N/A	May-09	Jul-10	Jun-17	Jul-17	Sep-17	Jun-18
SR-57 NB, Orangethorpe Avenue to Yorba Linda Boulevard	\$80.2	Aug-05	Dec-07	Feb-08	Dec-09	Apr-10	Jun-10	Oct-10	May-14
Project G	\$52.3	Aug-05	Dec-07	Feb-08	Jul-09	Dec-09	May-10	Oct-10	Nov-14
SR-57 NB, Yorba Linda Boulevard to Lambert Road	\$79.3	Aug-05	Dec-07	Feb-08	Dec-09	Apr-10	Jun-10	Oct-10	Sep-14
Project G	\$54.1	Aug-05	Dec-07	Feb-08	Jul-09	Mar-10	May-10	Oct-10	May-14
SR-57 NB, Orangethorpe Avenue to Lambert Road (Landscape)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Project G	N/A	N/A	N/A	Oct-14	Aug-17	Dec-17	Jan-18	Feb-18	Apr-19
SR-57 NB, Lambert Road to Tonner Canyon	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Project G	TBD	Nov-25	Aug-28	TBD	TBD	TBD	TBD	TBD	TBD
SR-91 Westbound (WB), I-5 to SR-57	\$78.1	Jul-07	Apr-10	Oct-09	Feb-12	Jul-12	Aug-12	Nov-12	Apr-16
Project H	\$59.2	Jul-07	Jun-10	Mar-10	Apr-12	Aug-12	Oct-12	Jan-13	Jun-16
SR-91 WB, I-5 to SR-57 (Landscape)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Project H	N/A	N/A	N/A	Nov-14	Aug-16	Dec-16	Feb-17	Mar-17	Nov-17
SR-91, SR-55 to Lakeview Avenue (Segment 1)	\$108.6	Jan-15	Oct-18	Mar-20	Jan-23	Aug-23	Oct-23	Feb-24	Mar-28
Project I	\$140.7	Jan-15	Jun-20	Mar-20	Mar-23	May-24	Jun-24	Jan-25	Mar-28
SR-91, La Palma Avenue to SR-55 (Segment 2)	\$208.4	Jan-15	Oct-18	Jun-20	Jul-23	Feb-24	Mar-24	Jul-24	Mar-28
Project I	\$380.7	Jan-15	Jun-20	Jun-20	Jan-25	Jan-26	May-26	Oct-26	Dec-30
SR-91, Acacia Street to La Palma Avenue (Segment 3)	\$147.7	Jan-15	Oct-18	Nov-20	Apr-24	Nov-24	Jan-25	Dec-25	Sep-30
Project I	\$257.5	Jan-15	Jun-20	Nov-20	Oct-24	Apr-25	May-25	Oct-25	Sep-30
SR-91 WB, Tustin Interchange to SR-55	\$49.9	Jul-08	Jul-11	Jul-11	Mar-13	Jul-13	Aug-13	Oct-13	Jul-16
Project I	\$42.5	Jul-08	May-11	Jun-11	Feb-13	Apr-13	Jun-13	Oct-13	Jul-16
SR-91, SR-55 to SR-241	\$128.4	Jul-07	Jul-09	Jun-09	Jan-11	Apr-11	Jun-11	Sep-11	Dec-12
Project J	\$79.7	Jul-07	Apr-09	Apr-09	Aug-10	Dec-10	Feb-11	May-11	Mar-13

Capital Action Plan

Status Through December 2025

Updated: January 12, 2026

Capital Projects	Cost Baseline/Forecast (millions)	Schedule Plan/Forecast							
		Begin Environmental	Complete Environmental	Begin Design	Complete Design	Construction Ready	Advertise Construction	Award Contract	Complete Construction
SR-91, SR-55 to SR-241 (Landscape) Project J	N/A N/A	N/A	N/A	N/A May-12	N/A Feb-13	N/A Apr-13	N/A Jul-13	N/A Oct-13	N/A Feb-15
SR-91 Eastbound (EB), SR-241 to SR-71 Project J	\$104.5 \$57.8	Mar-05 Mar-05	Dec-07 Dec-07	Jul-07 Jul-07	Dec-08 Dec-08	Mar-09 May-09	May-09 Jun-09	Jul-09 Aug-09	Nov-10 Jan-11
SR-91 EB Corridor Operations Project (SR-241 to SR-71) (PDB) Project J	TBD TBD	N/A Jun-23	N/A Jun-26	N/A Jul-26	N/A Jul-27	N/A Jul-27	N/A N/A	N/A N/A	N/A Jul-30
91 Express Lanes to SR-241 Toll Connector	TBD \$524.2	N/A Nov-13	N/A Jan-20	N/A Jun-16	N/A Feb-26	N/A Mar-26	N/A May-26	N/A Jun-26	N/A Sep-29
I-405, I-5 to SR-55 Project L	TBD TBD	Dec-14 Dec-14	Jul-18 Aug-18	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD
I-405, SR-55 to I-605 (Design-Build) Project K	\$2,160.0 \$2,160.0	Mar-09 Mar-09	Mar-13 May-15	Mar-14 Mar-14	Nov-15 Nov-15	Feb-16 Feb-16	Mar-16 Mar-16	Nov-16 Nov-16	Feb-24 Feb-24
I-405/SR-22 HOV Connector	\$195.9 \$120.8	N/A N/A	N/A N/A	Sep-07 Sep-07	Sep-09 Jun-09	Mar-10 Sep-09	May-10 Feb-10	Aug-10 Jun-10	Aug-14 Mar-15
I-405/I-605 HOV Connector	\$260.4 \$172.6	N/A N/A	N/A N/A	Sep-07 Sep-07	Sep-09 Sep-09	Mar-10 Feb-10	May-10 May-10	Oct-10 Oct-10	Jan-15 Mar-15
I-605, I-605/Katella Interchange Project M	\$29.0 \$53.0	Aug-16 Aug-16	Nov-18 Oct-18	Dec-20 Dec-20	Mar-23 Jan-23	Jul-23 Oct-24	Nov-23 Nov-24	Feb-24 Apr-25	Jul-27 Jul-27
Grade Separation Projects:									
Sand Canyon Avenue Railroad Grade Separation Project R	\$55.6 \$61.9	N/A N/A	Sep-03 Sep-03	Jan-04 Jan-04	Jul-10 Jul-10	Jul-10 Jul-10	Oct-10 Oct-10	Feb-11 Feb-11	May-14 Jan-16
Raymond Avenue Railroad Grade Separation Project O	\$77.2 \$126.2	Feb-09 Feb-09	Nov-09 Nov-09	Mar-10 Mar-10	Aug-12 Dec-12	Nov-12 Jul-13	Feb-13 Oct-13	May-13 Feb-14	Aug-18 May-18
State College Boulevard Railroad Grade Separation (Fullerton) Project O	\$73.6 \$99.6	Dec-08 Dec-08	Jan-11 Apr-11	Jul-06 Jul-06	Aug-12 Feb-13	Nov-12 May-13	Feb-13 Sep-13	May-13 Feb-14	May-18 Mar-18
Placentia Avenue Railroad Grade Separation Project O	\$78.2 \$64.5	Jan-01 Jan-01	May-01 May-01	Jan-09 Jan-09	Mar-10 Jun-10	May-10 Jan-11	Mar-11 Mar-11	Jun-11 Jul-11	Nov-14 Dec-14
Kraemer Boulevard Railroad Grade Separation Project O	\$70.4 \$63.8	Jan-01 Jan-01	Sep-09 Sep-09	Jan-09 Feb-09	Jul-10 Jul-10	Jul-10 Jan-11	Apr-11 Jun-11	Aug-11 Sep-11	Oct-14 Dec-14
Orangethorpe Avenue Railroad Grade Separation Project O	\$117.4 \$105.9	Jan-01 Jan-01	Sep-09 Sep-09	Feb-09 Feb-09	Dec-11 Oct-11	Dec-11 Apr-12	Feb-12 Sep-12	May-12 Jan-13	Sep-16 Oct-16

Capital Action Plan

Status Through December 2025

Updated: January 12, 2026

Capital Projects	Cost Baseline/Forecast (millions)	Schedule Plan/Forecast							
		Begin Environmental	Complete Environmental	Begin Design	Complete Design	Construction Ready	Advertise Construction	Award Contract	Complete Construction
Tustin Avenue/Rose Drive Railroad Grade Separation Project O	\$103.0 \$96.6	Jan-01 Jan-01	Sep-09 Sep-09	Feb-09 Feb-09	Dec-11 Jul-11	Mar-12 Jun-12	May-12 Oct-12	Aug-12 Feb-13	May-16 Oct-16
Lakeview Avenue Railroad Grade Separation Project O	\$70.2 \$110.9	Jan-01 Jan-01	Sep-09 Sep-09	Feb-09 Feb-09	Oct-11 Jan-13	Oct-12 Apr-13	Feb-13 Sep-13	May-13 Nov-13	Mar-17 Jun-17
17th Street Railroad Grade Separation Project R	TBD TBD	Oct-14 Oct-14	Jun-16 Nov-17	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD
Transit Projects:									
Rail-Highway Grade Crossing Safety Enhancement Project R	\$94.4 \$90.4	Jan-08 Jan-08	Oct-08 Oct-08	Jan-08 Jan-08	Sep-08 Sep-08	Sep-08 Sep-08	Sep-08 Sep-08	Aug-09 Aug-09	Dec-11 Dec-11
San Clemente Beach Trail Safety Enhancements Project R	\$6.0 \$5.0	Sep-10 Sep-10	Jul-11 Jul-11	Feb-12 Feb-12	Apr-12 Jun-12	Apr-12 Jun-12	Jul-12 Oct-12	Oct-12 May-13	Jan-14 Mar-14
CRSPP Riprap Repair (Area 1, 2) and Bridge Removal (Area 3) Project R	N/A \$9.2	N/A Aug-24	N/A Apr-25	N/A Mar-25	N/A Apr-25	N/A Apr-25	N/A N/A	N/A Apr-25	N/A Jun-25
CRSPP Catchment Wall (Area 3) Project R	N/A \$80.7	N/A Aug-24	N/A Jun-25	N/A N/A	N/A N/A	N/A N/A	N/A Apr-25	N/A Jun-25	N/A Oct-26
CRSPP Riprap Repair and Shoreline Protection (Area 4) Project R	N/A TBD	N/A Aug-24	N/A TBD	N/A TBD	N/A TBD	N/A TBD	N/A TBD	N/A TBD	N/A TBD
CRSPP Sand Nourishment Project R	N/A TBD	N/A Aug-24	N/A Oct-26	N/A Mar-25	N/A Nov-26	N/A Nov-26	N/A Feb-27	N/A Apr-27	N/A Jan-28
Emergency Track Stabilization at Mile Post 206.8 Project R	N/A \$23.3	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A Sep-22	N/A Oct-22	N/A Aug-23
San Juan Capistrano Passing Siding	\$25.3 \$33.2	Aug-11 Aug-11	Jan-13 Mar-14	Mar-15 Mar-15	May-16 Aug-18	May-16 Aug-18	Aug-16 Aug-18	Dec-16 Mar-19	Feb-21 Nov-20
OC Streetcar Project S	\$671.4 \$671.4	Aug-09 Aug-09	Mar-12 Mar-15	Feb-16 Feb-16	Sep-17 Nov-17	Oct-17 Dec-17	Dec-17 Dec-17	Aug-18 Sep-18	Jul-26 Jul-26
Transit Security and Operation Center	N/A \$77.8	Jun-17 Jun-17	Jun-20 Jun-20	Jun-20 Jun-20	Oct-23 Mar-24	Nov-23 Mar-24	Jan-24 Mar-24	Sep-24 Sep-24	Sep-26 Dec-27
Placentia Metrolink Station and Parking Structure Project R	\$34.8 \$40.1	Jan-03 Jan-03	May-07 May-07	Oct-08 Oct-08	Jan-11 Feb-11	TBD TBD	TBD TBD	TBD TBD	TBD TBD
Orange County Maintenance Facility - ON HOLD Project R	TBD TBD	Apr-20 Apr-20	Apr-22 Nov-23	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD
Irvine Station Improvements - ON HOLD Project R	TBD TBD	Jan-22 Jan-22	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD

Capital Action Plan

Status Through December 2025

Updated: January 12, 2026



Capital Projects	Cost Baseline/Forecast (millions)	Schedule Plan/Forecast							
		Begin Environmental	Complete Environmental	Begin Design	Complete Design	Construction Ready	Advertise Construction	Award Contract	Complete Construction
Anaheim Canyon Station	\$27.9 \$34.2	Jan-16 Jan-16	Dec-16 Jun-17	Mar-19 Mar-18	May-19 Oct-20	May-19 Oct-20	Jul-19 Oct-20	Nov-19 Mar-21	Jan-23 Jan-23
Orange Station Parking Expansion	\$33.2 \$30.9	Dec-09 Dec-09	Dec-12 May-16	Nov-10 Nov-10	Apr-13 Apr-16	Jul-16 Jul-16	Jul-16 Jul-16	Nov-16 Jun-17	Feb-19 Feb-19
Fullerton Transportation Center - Elevator Upgrades	\$3.5 \$4.2	N/A N/A	N/A N/A	Jan-12 Jan-12	Dec-13 Dec-13	Dec-13 Dec-13	Jun-14 Aug-14	Sep-14 Apr-15	Mar-17 May-19
Anaheim Regional Transportation Intermodal Center Project R & T	\$227.4 \$232.2	Apr-09 Apr-09	Feb-11 Feb-12	Jun-09 Jun-09	Feb-12 May-12	Feb-12 May-12	May-12 May-12	Jul-12 Sep-12	Nov-14 Dec-14

Note: Costs associated with landscape projects are included in respective freeway projects.

Grey = Milestone achieved

Green = Forecast milestone meets or exceeds plan

Yellow = Forecast milestone is one to three months later than plan

Red = Forecast milestone is over three months later than plan

Begin Environmental: The date work on the environmental clearance, project report, or preliminary engineering phase begins.

Complete Environmental: The date environmental clearance and project approval is achieved.

Begin Design: The date final design work begins, or the date when a design-build contract begins.

Complete Design: The date final design work is 100 percent complete and approved.

Construction Ready: The date contract bid documents are ready for advertisement, including certification of right-of-way, all agreements executed, contract constraints are cleared.

Advertise for Construction: The date a construction contract is both funded and advertised for bids.

Award Contract: The date the construction contract is awarded.

Construction Complete: The date all construction work is completed and the project is open to public use.

Acronyms

I-5 - Santa Ana Freeway (Interstate 5)

SR-73 - San Joaquin Freeway (State Route 73)

I-405 - San Diego Freeway (Interstate 405)

SR-55 - Costa Mesa Freeway (State Route 55)

SR-57 - Orange Freeway (State Route 57)

SR-91 - Riverside Freeway (State Route 91)

SR-241 - Foothill/Eastern Transportation Corridor (State Route 241)

SR-71 - Corona Expressway (State Route 71)

I-605 - San Gabriel River Freeway (Interstate 605)

SR-22 - Garden Grove Freeway (State Route 22)

HOV - High-Occupancy Vehicle

CRSPP - Coastal Rail Stabilization Priority Project

PDB - Progressive Design-Build

Capital Programs Division
Fiscal Year 2025-26 Performance Metrics Through December 2025

Begin Environmental

Project Description	FY 26 Qtr 1		FY 26 Qtr 2		FY 26 Qtr 3		FY 26 Qtr 4		FY 26 Fcst
	Fcst	Actual	Fcst	Actual	Fcst	Actual	Fcst	Actual	
No "Begin Environmental" milestones scheduled for FY 2025-26									
Total Forecast/Actual	0	0	0	0	0	0	0	0	0

Complete Environmental

Project Description	FY 26 Qtr 1		FY 26 Qtr 2		FY 26 Qtr 3		FY 26 Qtr 4		FY 26 Fcst
	Fcst	Actual	Fcst	Actual	Fcst	Actual	Fcst	Actual	
SR-91 Eastbound Corridor Operations Project (SR-241 to SR-71)					X				
Total Forecast/Actual	0	0	0	0	1	0	0	0	1

Begin Design

Project Description	FY 26 Qtr 1		FY 26 Qtr 2		FY 26 Qtr 3		FY 26 Qtr 4		FY 26 Fcst
	Fcst	Actual	Fcst	Actual	Fcst	Actual	Fcst	Actual	
No "Begin Design" milestones scheduled for FY 2025-26									
Total Forecast/Actual	0	0	0	0	0	0	0	0	0

Complete Design

Project Description	FY 26 Qtr 1		FY 26 Qtr 2		FY 26 Qtr 3		FY 26 Qtr 4		FY 26 Fcst
	Fcst	Actual	Fcst	Actual	Fcst	Actual	Fcst	Actual	
SR-55, I-5 to SR-91			X						
91 Express Lanes to SR-241 Toll Connector			X						
Total Forecast/Actual	0	0	2	0	0	0	0	0	2

Construction Ready

Project Description	FY 26 Qtr 1		FY 26 Qtr 2		FY 26 Qtr 3		FY 26 Qtr 4		FY 26 Fcst
	Fcst	Actual	Fcst	Actual	Fcst	Actual	Fcst	Actual	
SR-91, La Palma Avenue to SR-55 (Segment 2)			X						
91 Express Lanes to SR-241 Toll Connector			X						
Total Forecast/Actual	0	0	2	0	0	0	0	0	2

Advertise Construction

Project Description	FY 26 Qtr 1		FY 26 Qtr 2		FY 26 Qtr 3		FY 26 Qtr 4		FY 26 Fcst
	Fcst	Actual	Fcst	Actual	Fcst	Actual	Fcst	Actual	
I-5, I-405 to Yale Avenue	X	✓							
I-5, Yale Avenue to SR-55	X	✓							
SR-57 Northbound (NB), Orangewood Avenue to Katella Avenue	X	✓							
SR-91, La Palma Avenue to SR-55 (Segment 2)					X				
91 Express Lanes to SR-241 Toll Connector					X				
Total Forecast/Actual	3	3	0	0	2	0	0	0	5

Capital Programs Division
Fiscal Year 2025-26 Performance Metrics Through December 2025

Award Contract

Project Description	FY 26 Qtr 1		FY 26 Qtr 2		FY 26 Qtr 3		FY 26 Qtr 4		FY 26 Fcst
	Fcst	Actual	Fcst	Actual	Fcst	Actual	Fcst	Actual	
SR-91, Acacia Street to La Palma Avenue (Segment 3)	X								
SR-57 NB, Orangewood Avenue to Katella Avenue	✓	X	✓						
I-5, I-405 to Yale Avenue					X				
I-5, Yale Avenue to SR-55			✓		X				
91 Express Lanes to SR-241 Toll Connector					X				
SR-91, La Palma Avenue to SR-55 (Segment 2)							X		
Total Forecast/Actual	1	1	1	2	3	0	1	0	6

Complete Construction

Project Description	FY 26 Qtr 1		FY 26 Qtr 2		FY 26 Qtr 3		FY 26 Qtr 4		FY 26 Fcst
	Fcst	Actual	Fcst	Actual	Fcst	Actual	Fcst	Actual	
I-5, SR-73 to Oso Parkway	X	✓							
I-5, Alicia Parkway to El Toro Road	X	✓							
OC Streetcar Project					X				
Total Forecast/Actual	2	2	0	0	1	0	0	0	3

Totals	6	6	5	2	7	0	1	0	19
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Begin Environmental: The date work on the environmental clearance, project report, or preliminary engineering phase begins.

Complete Environmental: The date environmental clearance and project approval is achieved.

Begin Design: The date final design work begins or the date when a design-build contract begins.

Complete Design: The date final design work is 100 percent complete and approved.

Construction Ready: The date contract bid documents are ready for advertisement, right-of-way certified, all agreements executed, and contract constraints are cleared.

Advertise for Construction: The date a construction contract is both funded and advertised for bids.

Award Contract: The date the construction contract is awarded.

Construction Complete: The date all construction work is completed and the project is open to public use.

Acronyms

SR-91 - Riverside Freeway (State Route 91)
 SR-241 - Foothill/Eastern Transportation Corridor (State Route 241)
 SR-71 - Corona Expressway (State Route 71)
 SR-55 - Costa Mesa Freeway (State Route 55)
 I-5 - Santa Ana Freeway (Interstate 5)
 I-405 - San Diego Freeway (Interstate 405)
 SR-57 - Orange Freeway (State Route 57)
 SR-73 - San Joaquin Freeway (State Route 73)

X = milestone forecast in quarter

✓ = milestone accomplished in quarter



Second Quarter Fiscal Year 2025-26 Capital Action Plan and Performance Metrics





Major Project Status



ENVIRONMENTAL MITIGATION PROGRAM PRESERVES

- A** I-5 (SR-55 to SR-57)
- B** I-5 (I-405 to SR-55)
- C** I-5 (Avenida Pico to San Juan Creek Road)
- D** I-5 (SR-73 to El Toro Road)
- D** I-5/Ortega Highway Interchange Improvements
- D** I-5/El Toro Road Interchange Improvements
- E** SR-22 Access Improvements
- F** SR-55 (I-405 to I-5)
- F** SR-55 (I-5 to SR-91)
- G** SR-57 NB (Orangewood Avenue to Katella Avenue)
- G** SR-57 NB (Katella Avenue to Lincoln Avenue)
- G** SR-57 NB (Orangethorpe Avenue to Lambert Road)
- G** SR-57 NB (Lambert Road to County Line)
- H** SR-91 WB (I-5 to SR-57)
- I** SR-91 (SR-57 to SR-55)
- I** SR-91 WB (Tustin Avenue to SR-55)

- J** SR-91 (SR-55 to SR-71)
- J** SR-91 (SR-241 to County Line)*
- K** I-405 (SR-73 to I-605)
- L** I-405 (I-5 to SR-55)
- M** I-605/Katella Avenue Interchange Improvements
- N** Freeway Service Patrol (not mapped)
- A-M** Environmental Mitigation Program
 - 1,300 acres of permanent open space
 - 12 restoration projects totaling nearly 350 acres (not mapped)

*Project environmentally reviewed as part of the Riverside County Transportation Commission's Corridor Improvement Project. Additional studies needed prior to construction.

OTHER PROJECTS

- TSOC
- I-5, County Line to Avenida Pico
- SR-91 Express Lanes to SR-241 Toll Connector



Second Quarter Fiscal Year (FY) 2025-26 Performance Metrics

Two milestones achieved

- Award contract for the Interstate 5 (I-5) Improvement Project between Yale Avenue and State Route 55 (SR-55), advanced from third quarter
- Award contract for the State Route 91 (SR-91) Improvement Project between Acacia Street and La Palma Avenue, delivery was delayed from first quarter

Four milestones missed

- Complete design milestone for the SR-55 Improvement Project between I-5 and SR-91 due to required design refinements and additional right-of-way (ROW) and utility needs, now targeted in April 2026
- Construction ready milestone for the SR-91 Improvement Project between La Palma Avenue and SR-55 due to ROW acquisition delays, now targeted in May 2026
- Complete design and construction ready milestones for the SR-91 to State Route 241 Express Connector adjusted and is awaiting. The California Department of Transportation (Caltrans) design approval and execution of required agreements (Transportation Corridor Agencies [TCA])

Through the second quarter, eight of 11 planned milestones delivered, including one advanced from the third quarter



Second Quarter FY 2025-26 Capital Action Plan (CAP) Updates

Forecast milestone updates

- Compete construction milestone for the I-5 Improvement Project between Yale Avenue and SR-55 was adjusted to February 2031 to account for the actual award contract date
- Complete construction milestone for the northbound State Route (SR-57) Improvement Project between Orangewood Avenue to Katella Avenue was adjusted to June 2028 to account for the actual construction contract award date
- Begin environmental milestone for the SR-57 Northbound Truck Lane from Lambert Road to Tonner Canyon was advanced to November 2025 to reflect the current Caltrans environmental schedule, complete environmental is targeted for August 2028
- Construction ready milestone for the SR-91 Improvements between La Palma Avenue and SR-55 was adjusted to January 2026 to account for the updated ROW acquisition schedule
- Complete construction milestone for the SR-91 Improvements between Acacia Street and La Palma Avenue was adjusted to September 2030 to account for the actual award contract date



Second Quarter FY 2025-26 CAP Updates (cont.)

- Complete environmental milestone for the SR-91 Eastbound Corridor Operations Project was adjusted to June 2026 based on status from Riverside County Transportation Commission staff
- Complete design and subsequent milestones for the SR-91/State Route 241 tolled connector adjusted one month based on progress status from TCA staff



FY 2025-26 CAP Performance Metrics Summary and Risks

Nineteen major delivery milestones planned

- Significant construction beginning throughout Orange County over the next few quarters

Risks

- Continued escalation of infrastructure construction costs



COMMITTEE TRANSMITTAL

February 9, 2026

To: Members of the Board of Directors
Andrea West
From: Andrea West, Clerk of the Board
Subject: Measure M2 Annual Eligibility Review

Regional Transportation Planning Committee Meeting of February 2, 2026

Present: Directors Foley, Go, Harper, Kleiman, Klopfenstein, Tavoularis, and Tettemer
Absent: None

Committee Vote

This item was passed by the Members present.

Committee Recommendation(s)

- A. Approve 33 of Orange County's 35 local jurisdictions (excluding the cities of Buena Park and Huntington Beach) as eligible to continue receiving Measure M2 net revenues.
- B. Receive and file the Measure M2 eligibility verification documents submitted by the cities of Buena Park and Huntington Beach.



February 2, 2026

A handwritten signature in blue ink, appearing to read 'Darrell E. Johnson', is positioned in the top right corner of the page.

To: Regional Transportation Planning Committee

From: Darrell E. Johnson, Chief Executive Officer

Subject: Measure M2 Annual Eligibility Review

Overview

The Measure M2 Ordinance No. 3 requires that all local jurisdictions annually satisfy specific eligibility requirements to receive Measure M2 net revenues. The required documentation for the review period ending June 30, 2025, was received and reviewed and is ready for the Orange County Transportation Authority Board of Directors' consideration to find 33 of Orange County's 35 local jurisdictions (excluding the cities of Buena Park and Huntington Beach) as eligible to continue receiving Measure M2 net revenues.

Recommendations

- A. Approve 33 of Orange County's 35 local jurisdictions (excluding the cities of Buena Park and Huntington Beach) as eligible to continue receiving Measure M2 net revenues.
- B. Receive and file the Measure M2 eligibility verification documents submitted by the cities of Buena Park and Huntington Beach.

Background

Local jurisdictions must meet Measure M2 (M2) eligibility requirements required by the M2 Ordinance No. 3 (M2 Ordinance) and submit eligibility verification packages to the Orange County Transportation Authority (OCTA) annually to remain eligible to receive M2 net revenues. There are 13 eligibility requirements that local jurisdictions must satisfy to remain eligible; however, not all 13 eligibility components require verification during each eligibility cycle. For reference, a summary of M2 eligibility requirements and their respective due dates is provided in Attachment A.

While OCTA staff reviews and affirms all M2 eligibility components, the M2 Ordinance requires the Taxpayer Oversight Committee (TOC) to review a

subset of these components. These include the Congestion Management Program (CMP), Mitigation Fee Program (MFP), Local Signal Synchronization Plan, Pavement Management Plan (PMP), and Expenditure Report.

Generally, local jurisdictions must submit the required documentation annually on or before June 30. These submittals are reviewed by staff and the TOC each year. Expenditure reports are then due annually on December 31, six months after the close of the fiscal year, and are reviewed the following spring. This item addresses the submittals that were due on June 30, 2025.

Discussion

All 35 local jurisdictions submitted the required M2 eligibility verification documents prior to OCTA's June 30, 2025, deadline. OCTA staff reviewed all local jurisdictions' eligibility verification documents to ensure completion, accuracy, and consistency with M2 Ordinance requirements. The eligibility requirements received by OCTA staff included the:

- Capital Improvement Program,
- Circulation Element/Master Plan of Arterial Highways consistency,
- CMP,
- Expenditure Reports,
- Land-use planning strategies,
- Maintenance of Effort,
- MFP,
- No supplanting of developer funds,
- PMPs,
- Timely submittal of project final reports,
- Timely use of net revenues, and
- Traffic Forum participation.

The TOC-designated Annual Eligibility Review (AER) Subcommittee convened to review the CMP, MFP, and PMP eligibility components. Based on the staff and AER Subcommittee's review, the TOC formally confirmed its required review at its December 9, 2025, meeting.

Based on staff and TOC review, OCTA staff recommend that 33 of Orange County's 35 local jurisdictions, excluding the cities of Buena Park and Huntington Beach, be found eligible to continue receiving M2 net revenues. A summary of the findings for the nine M2 eligibility components that were due for this cycle is provided in Attachment B.

The cities of Buena Park and Huntington Beach submitted the required documentation to satisfy M2 eligibility submittal requirements this cycle. However, these cities are currently ineligible to receive M2 net revenues due to previous and separate Board of Directors' (Board) actions. The separate Board actions took place on May 28, 2024, and May 14, 2025, and included interagency agreements outlining how the cities can fulfill their eligibility requirements and resume receiving M2 net revenues.

Although the M2 eligibility verification documents submitted by the cities of Buena Park and Huntington Beach fulfill the respective requirements, staff is not recommending any modification to their existing M2 ineligible status. Staff is continuing to work with both cities to review their respective expenditure reports and the supporting independent reviews. This will be followed by an expedited independent review by the OCTA internal auditor consistent with the terms of the interagency agreements. Pending a satisfactory outcome, the City of Buena Park would satisfy the second year and the City of Huntington Beach would satisfy the first year of a required five-year ineligibility period as specified in the M2 Ordinance.

Summary

In December 2025, the TOC convened and affirmed it had received and reviewed the required M2 eligibility documentation due at this time for all local jurisdictions. OCTA staff has also reviewed all submittals required for this cycle and found them to be in conformance with the requirements. Given this review, Board approval is requested to find the 33 currently eligible local jurisdictions eligible to continue receiving M2 net revenues. Additionally, a receive and file action of the submitted M2 eligibility verification documents is requested for the two currently ineligible local jurisdictions.

Attachments

- A. Measure M2 Eligibility Requirements and Submittal Schedule Summary, Due June 30, 2025, and December 31, 2025
- B. Measure M2 Eligibility Review Summary Submittals Due in 2025

Prepared by:



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Local Programs
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Approved by:



Rose Casey
Executive Director, Planning
(714) 560-5729

ATTACHMENT A**Measure M2 Eligibility Requirements and Submittal Schedule Summary,
Due June 30, 2025, and December 31, 2025**

Compliance Category	Frequency	Required
Capital Improvement Program	Annual (June 30)	✓
Circulation Element/Master Plan of Arterial Highways Consistency	Biennial (June 30)	✓
Congestion Management Program	Biennial (June 30)	✓
Expenditure Report	Annual (December 31)	✓
Local Signal Synchronization Plan	Every Three Years (June 30)	
Maintenance of Effort	Annual (June 30)	✓
Mitigation Fee Program (MFP)	Biennial (June 30) ¹	✓
No Supplanting of Developer Fees	Annual (June 30)	✓
Pavement Management Plan (PMP)	Biennial (June 30) ²	✓
Timely Submittal of Project Final Reports	Within Six Months of Project Completion	✓
Timely Use of Net Revenues	Annual (June 30)	✓
Traffic Forum Participation	Annual (June 30)	✓
Transit and Non-Motorized Transportation Land-Use Planning Strategies	Annual (June 30)	✓

¹ A local jurisdiction must submit their updated program and revised fee schedule or process methodology when the local jurisdiction updates their MFP and/or nexus study.

² 21 local jurisdictions update their PMPs on odd-numbered fiscal years, while 14 local jurisdictions update their PMPs on even-numbered fiscal years.

Measure M2 Eligibility Review Summary
Submittals Due in 2025

Local Jurisdiction	Capital Improvement Program	Circulation Element/MPAH Consistency	Congestion Management Program	Expenditure Reports ¹	Land-Use Planning Strategies	Maintenance of Effort	Mitigation Fee Program	No Supplanting of Developer Fees	Pavement Management Plan ²	Timely Submittal of Final Reports	Timely Use of Net Revenues	Traffic Forum
Aliso Viejo	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	N/A	Satisfactory	Satisfactory	✓
Anaheim	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	✓
Brea	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	✓
Buena Park ³	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	N/A	Satisfactory	Satisfactory	✓
Costa Mesa	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	N/A	Satisfactory	Satisfactory	✓
County of Orange	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	N/A ⁴	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	✓
Cypress	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	✓
Dana Point	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	✓
Fountain Valley	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	N/A	Satisfactory	Satisfactory	✓
Fullerton	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	N/A	Satisfactory	Satisfactory	✓
Garden Grove	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	N/A	Satisfactory	Satisfactory	✓
Huntington Beach ³	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	N/A	Satisfactory	Satisfactory	✓
Irvine	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	✓
La Habra	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	✓
La Palma	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	N/A	Satisfactory	Satisfactory	✓
Laguna Beach	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	N/A	Satisfactory	Satisfactory	✓
Laguna Hills	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	N/A	Satisfactory	Satisfactory	✓
Laguna Niguel	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	N/A	Satisfactory	Satisfactory	✓
Laguna Woods	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	N/A	Satisfactory	Satisfactory	✓
Lake Forest	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	✓
Los Alamitos	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	✓
Mission Viejo	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	N/A	Satisfactory	Satisfactory	✓
Newport Beach	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	✓
Orange	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	N/A	Satisfactory	Satisfactory	✓
Placentia	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	N/A	Satisfactory	Satisfactory	✓
Rancho Santa Margarita	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	N/A	Satisfactory	Satisfactory	✓
San Clemente	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	✓
San Juan Capistrano	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	✓
Santa Ana	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	N/A	Satisfactory	Satisfactory	✓
Seal Beach	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	N/A	Satisfactory	Satisfactory	✓
Stanton	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	✓

Measure M2 Eligibility Review Summary
Submittals Due in 2025

Local Jurisdiction	Capital Improvement Program	Circulation Element/ MPAH Consistency	Congestion Management Program	Expenditure Reports ¹	Land-Use Planning Strategies	Maintenance of Effort	Mitigation Fee Program	No Supplanting of Developer Fees	Pavement Management Plan ²	Timely Submittal of Final Reports	Timely Use of Net Revenues	Traffic Forum
Tustin	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	✓
Villa Park	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	N/A	Satisfactory	Satisfactory	✓
Westminster	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	N/A	Satisfactory	Satisfactory	✓
Yorba Linda	Satisfactory	Satisfactory	Satisfactory	Pending	Satisfactory	Satisfactory	Satisfactory	Satisfactory	N/A	Satisfactory	Satisfactory	✓
Totals	35	35	35	-	35	34	35	35	14	35	35	35

¹ M2 Expenditure Reports are under review and anticipated to be presented to the TOC in June 2026.

² 14 local jurisdictions update their PMPs on odd-numbered fiscal years, while 21 local jurisdictions update their PMPs on even-numbered fiscal years.

³ The cities of Buena Park and Huntington Beach submitted the required documentation to satisfy M2 eligibility submittal requirements this cycle; however, they are currently ineligible to receive net M2 revenues due to previous and separate Board actions. Staff is recommending the acceptance of the M2 eligibility verification documents submitted by the local agencies as a receive and file action. This will not modify their existing M2 ineligible status but will be helpful in ensuring and maintaining timely M2 compliance once the Board ultimately approves and return them to an eligible status.

⁴ Maintenance of effort is based on a three-year average of discretionary fund expenditures for transportation purposes prior to 1990, plus adjustments permitted by the M2 Ordinance No. 3. However, Orange County Public Works and their predecessor agencies did not, and do not, use discretionary funds for transportation purposes. The sources of their transportation funds have been various restricted or partially restricted funds (e.g., HUTA, federal grants, assessment districts, developer impact fees, community facilities districts, Subdivision Map Act highway and bridge fees, etc.). It should be noted that about 40 percent of the HUTA revenues that come to Orange County local jurisdictions go to the County.

Acronyms:

Board - Board of Directors

County - County of Orange

HUTA - Highway Users Tax Account

M2 - Measure M2

MPAH - Master Plan of Arterial Highways

N/A - Not applicable

PMP - Pavement Management Plan

TOC - Taxpayer Oversight Committee



Orange County Transportation Authority



Update on the
Interstate 5 Improvement Project
Between Interstate 405
and State Route 55



Background

- Measure M2: Project B – Interstate 5 (I-5) between Interstate 405 (I-405) and State Route 55 (SR-55)
- Part of Updated Next 10 Delivery Plan approved by the Board of Directors December 2025
- Delivered in two segments:
 - Segment 1: I-405 to Yale Avenue
 - Segment 2: Yale Avenue to SR-55
- Construction team meetings include primary stakeholders



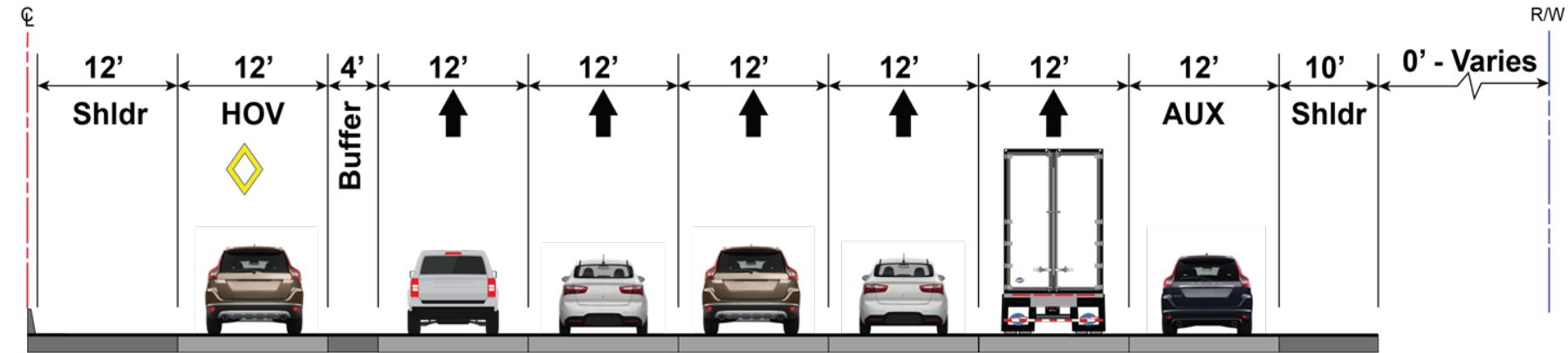
Project Improvements

- Adds one general purpose (GP) lane in each direction
- Adds new auxiliary (AUX) lanes:
 - Culver Drive to Jamboree Road (Northbound)
 - Jeffrey Road to Sand Canyon Avenue (Southbound)
- Includes the California Department of Transportation (Caltrans)-funded multi-asset scope:
 - Pavement rehabilitation, maintenance safety improvements, fiber optics, traffic census station installation



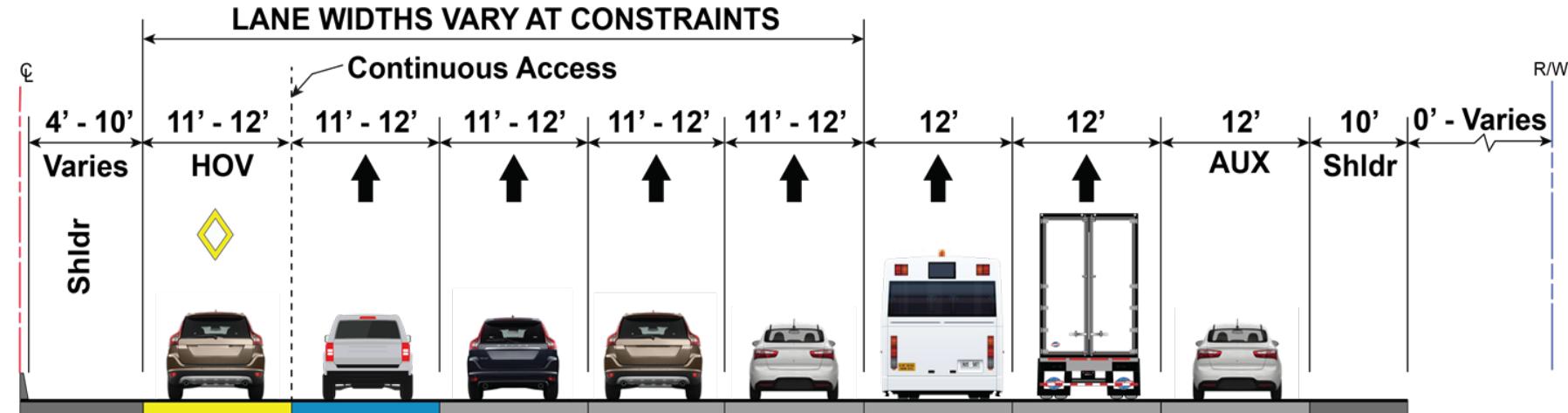
Typical Cross Sections

Existing



Proposed

- Adds one GP lane in each direction
- Adds AUX lanes at certain locations



Shldr – shoulder
 R/W – right-of-way
 HOV – high-occupancy vehicle



Schedule and Costs

Milestone	I-5, I-405 to Yale Avenue (Segment 1)	I-5, Yale Avenue to SR-55 (Segment 2)
Environmental Clearance	February 2020	February 2020
Design Began	November 2021	May 2021
Caltrans Advertisement	August 2025	August 2025
Begin Construction	Mid 2026	Early 2026
Complete Construction	Late 2029	Early 2030
Overall Segment Cost	\$388 Million	\$328 Million



Outreach and Engagement Strategies

- Groundbreaking event held on January 23, 2026
- Fact sheet and frequently asked questions
- Postcards
- Flyers
- Construction alerts
- Project website
- Closures and detours map
- Social media
- Stakeholder briefings
- Webinars
- Community booths

I-5 IMPROVEMENT PROJECT
I-405 TO SR-55

LENGTH: Approximately 9 miles
CITIES: Irvine and Tustin

AT A GLANCE

TOTAL ESTIMATED COST: \$716 million
FUNDING SOURCES: Federal, State and Local Funding
COMMUNITY OUTREACH: (888) 209-5550, i5Project1405to55@octa.net

octa.net/i-5Project
[@i5Improvement](#)
[@goOcta](#)
[Find Us on Nextdoor](#)

Fact Sheet Updated 1/7/2026

OVERVIEW

To address current and future traffic demand, the Orange County Transportation Authority (Octa), in partnership with the California Department of Transportation (Caltrans), is improving I-5 from north of Interstate 405 (I-405) to State Route 55 (SR-55). Octa and Caltrans are working with the neighboring cities of Irvine and Tustin.

The project will be constructed in two segments. Segment One will span from I-405 to Yale Avenue. Segment Two will span from Yale Avenue to SR-55.

SEGMENT 1 & 2

- Add one general-purpose (regular) lane in each direction
- Add auxiliary (on- and off-ramp merge) lanes
- Modify ramp configurations on select interchanges

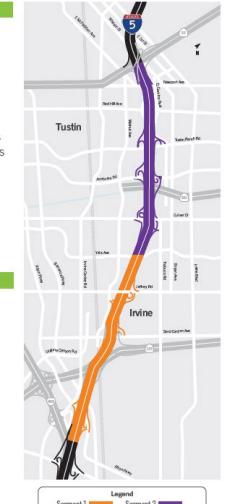
PROJECT SCHEDULE*

SEGMENT	APPROXIMATE TIMEFRAME
Segment 1	2026 2027 2028 2029 2030
Segment 2	2029 2030

*Schedule subject to change

I-5 IMPROVEMENT PROJECT
I-405 to SR-55

Orange County Transportation Authority
555 N. Main Street
P.O. Box 14184
Orange, CA 92863-1584
(714) 560-OCTA
www.octa.net





Stay Connected



I5Project405to55@octa.net



(888) 209-5550



OCTA.net/I-5Project



@/i5improvement



Active Transportation Biennial Update





Active Transportation Update

- Electric Bicycle (E-Bike) Safety Initiatives
- Next STEP
- Active Outreach and Education
- OC Connect
- Move OC

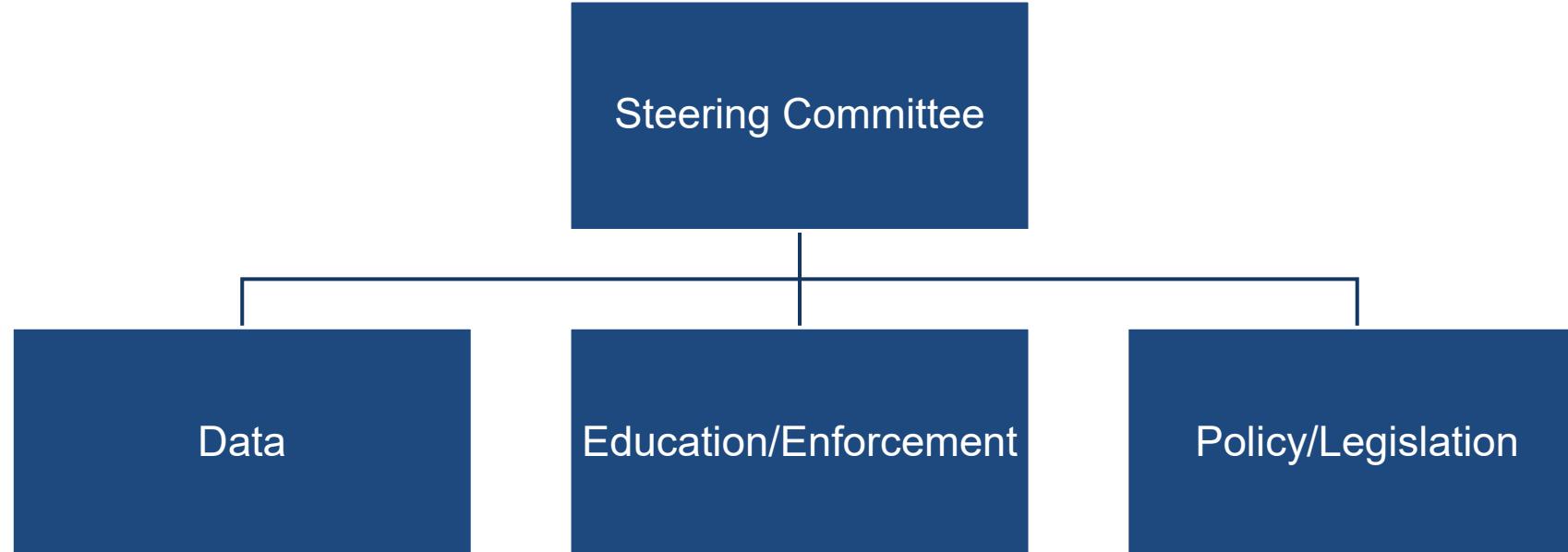
E-bike Initiatives – Safety Action Plan

E-bike Safety Action Plan Goals

- **Analyze gaps** in existing e-bike safety resources and strategies
- **Engage the community** and provide e-bike safety education
- **Provide recommendations** to facilitate the use of e-bikes as a safe and reliable form of transportation in Orange County



Implementation Framework





E-bike Initiatives - Implementation

Partner Agencies

Caltrans District 12
City of Anaheim
City of Costa Mesa
City of Dana Point
City of Fullerton
City of Huntington Beach
City of Irvine
City of Laguna Niguel
Department of Education
Ensign Intermediate School
Fullerton Policy Department
Huntington Beach Police Department
Irvine Police Department
Mission Hospital Trauma Center
Orange County Fire Authority
Orange County Parks
Orange County Public Works
Orange County Healthcare Agency
SCAG
Orange County Sheriff
Rady's Children's Health
University of California Irvine
4th District PTA

Goals

Gather subject matter experts and local stakeholders regularly to address e-bike safety concerns.
Advance priority actions identified in action plan.
Facilitate collective action on e-bike safety.



Coordination – Strategy Area Teams

Steering Committee

Identified Focus Areas

Coordination between agencies/efforts/approaches

Resource development

Education/Enforcement

Suggested Priorities

Develop targeted materials for school communities (students, teachers, parents, administrators)

Leverage Safe Routes to School program(s)

Equip retailers with customer-facing materials

Data

Suggested Priorities

Standardize crash data reporting system with crash info needed to understand trends

Enhance coordination with other efforts to share volume data

Systemic crash analysis to assess safety patterns and risk factors

Policy/Legislation/Ordinance

Suggested Priorities

Collaborate to develop e-bike permitting and education standards for schools

Collaborate to clarify local regulations and infrastructure specifications

Regularly update and share OCTA ordinance matrix to track regulatory landscape



Next STEP

- **Project Summary:**
 - Total cost \$2.1 million
 - \$1,250,000 SCAG REAP 2.0 grant
 - \$850,000 ATP grant
 - Up to 50 schools
 - Evaluation/concept development
 - Walk audit/parent and staff participation
 - City participation and concept review
 - Education Programming
 - Assemblies
 - Safety materials
 - Talks
 - Activities
- **Current Activities:**
 - Continued recruitment
 - Evaluation only schools: 19
 - Education only schools: 14
 - Schools receiving both: 3
 - Walk audits completed: 22
 - Concept development and recommendations underway
 - City staff review/approval followed by school review

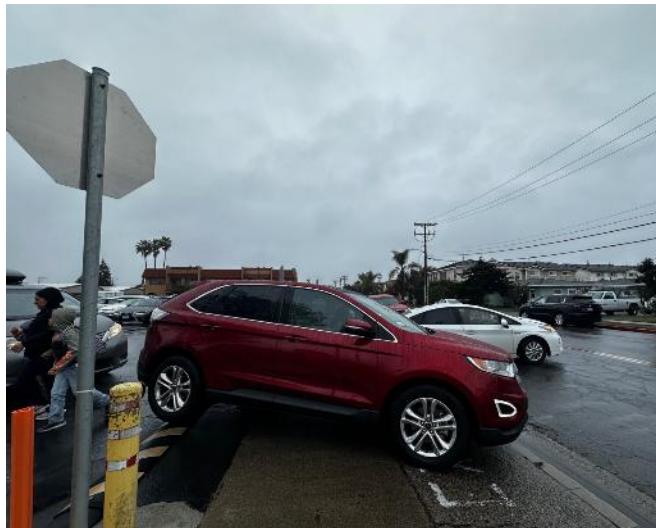
Next STEP – Walk Audits



Staff and Parent Meeting, Sycamore Academy, City of Tustin



Crossing Guard, Commonwealth Elementary, City of Fullerton



Mitchell Elementary, City of Tustin

Active Outreach and Education

- **Project Summary:**
 - Total cost: \$400,000
 - SCAG REAP 2.0 grant funding
 - Education and safety engagement
 - Community events participation
 - Bike rodeos
 - Age specific education modules
 - Safety material distribution
 - Won the 2025 OCPRSA Protos Award for Community Relations/Institutional Programs
- **Project update:**
 - Number of events: 84
 - Residents engaged: 6780
 - Education materials distributed: 8909
 - Safety equipment distributed: 9356



Oso Fit Fun Run, City of Mission Viejo



La Habra Boy Scouts Bike Rodeo



OC Connect

- Project Overview:**
 - Completed PA/ED includes 3.1 miles of proposed Class I bicycle facilities
 - Includes historic bridge preservation
- Design phase:**
 - Secured funding to complete design and site preparation
 - Initiating work on Phase II environmental site assessment

I – One
II – Two

PA/ED – Project Approval and Environmental Document





- **Project Overview:**
 - Countywide plan divided into four geographic areas
 - June 2026 – November 2028
- **Major Scope Elements:**
 - Existing conditions inventory
 - Multi-phase public outreach/input campaign
 - Stakeholder collaboration
 - OCTA committee and Board presentations
 - Develop a clear and cohesive VGOs, and metrics
 - Analysis of existing conditions, VGOs, and stakeholder and public input informing infrastructure, programming, policy, and funding recommendations