



# Orange County Transportation Authority

## Board Agenda

Monday, January 8, 2024 at 9:00 a.m.

550 South Main Street, Orange, California

### REVISED

#### Board Members

Gene Hernandez, Chair  
Tam T. Nguyen, Vice Chair  
Ashleigh Aitken  
Valerie Amezcua  
Doug Chaffee  
Andrew Do  
Jon Dumitru  
Jamey Federico  
Katrina Foley  
Patrick Harper  
Michael Hennessey  
Fred Jung  
Farrah N. Khan  
Stephanie Klopfenstein  
Vicente Sarmiento  
John Stephens  
Donald P. Wagner  
Vacant, Ex-Officio

#### Teleconference Location:

158 N. Glassell, Suite 205  
Orange, CA 92688

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 Committee 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.

# **BOARD MEETING AGENDA**

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## **Public Availability of Agenda Materials**

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

## **Meeting Access and Public Comments on Agenda Items**

Members of the public can either attend in-person or listen to audio live streaming of the Board and Committee 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 the Orange County Transportation Authority. 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](mailto: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**

## **Roll Call**

## **Invocation**

Director Do

## **Pledge of Allegiance**

Director Federico

## **Closed Session**

There are no Closed Sessions scheduled.

## **Special Calendar**

### **Orange County Transportation Authority Special Calendar Matters**

#### **1. Administration of the Oath of Office to New and Returning Orange County Transportation Authority Board of Directors**

##### ***Overview***

Oath of Office will be administered to new Board Members Ashleigh Aitken, Valerie Amezcua, Stephanie Klopfenstein, John Stephens, and returning Board Member Gene Hernandez.

## BOARD MEETING AGENDA

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### 2. Election of Orange County Transportation Authority Board of Directors Chair

The Orange County Transportation Authority Board of Directors annually, at its first meeting in January, shall elect a Chair.

### 3. Election of Orange County Transportation Authority Board of Directors Vice Chair

The Orange County Transportation Authority Board of Directors annually, at its first meeting in January, shall elect a Vice Chair.

### 4. 2023 Board of Directors and Chief Executive Officer Initiatives and Action Plan - End-of-Year Report

Lauren Sato/Kia Mortazavi

#### **Overview**

On January 23, 2023, the Board of Directors (Board) approved the 2023 Board and Chief Executive Officer (CEO) Initiatives (Attachment A) and Action Plan (Attachment B). The Action Plan consisted of three Board initiatives supported by nine CEO initiatives and monitored through 98 milestones. This year-end report summarizes the Orange County Transportation Authority's (OCTA) progress on advancing these initiatives between January 1, 2023, and December 31, 2023.

At the conclusion of 2023, 83 of the 98 milestones were completed. Attachment B provides a summary of all 98 milestones, including the 15 milestones that will be carried over for reconsideration in 2024. These carryover milestones had to be adjusted primarily due to resource constraints, delays in coordination with external entities, and other unanticipated challenges.

#### **Recommendation**

Receive and file as an information item.

#### **Attachments:**

[Staff Report](#)

[Attachment A](#)

[Attachment B](#)

### **Consent Calendar (Items 5 through 10)**

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**

#### 5. Approval of Minutes

##### **Overview**

Approve the minutes of the December 11, 2023 Orange County Transportation Authority and affiliated agencies' regular meeting.

##### **Attachments:**

[Minutes](#)

# BOARD MEETING AGENDA

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## Orange County Transit District Consent Calendar Matters

### 6. Agreement for Seal Coat and Striping at Irvine Construction Circle Bus Base

George Olivo/James G. Beil

#### **Overview**

The Irvine Construction Circle Bus Base needs pavement seal coat and striping in the bus yard to maintain a state of good repair. An invitation for bids was released on September 11, 2023. Bids were received in accordance with procurement procedures for public works projects. Board of Directors' approval is requested to execute the agreement.

#### **Recommendation**

Authorize the Chief Executive Officer to negotiate and execute Agreement No. C-3-2761 between the Orange County Transportation Authority and Prestige Striping Services, Inc., doing business as Prestige Paving Company, the lowest responsive, responsible bidder, in the amount of \$214,206, for the seal coat and striping project at the Irvine Construction Circle Bus Base.

#### **Attachments:**

[Transmittal](#)

[Staff Report](#)

### 7. Agreement for Concrete Repairs at Irvine Sand Canyon Bus Base and Newport Transportation Center

George Olivo/James G. Beil

#### **Overview**

The Irvine Sand Canyon Bus Base and the Newport Transportation Center require concrete repairs in the bus yard and bus drive areas to maintain a state of good repair. An invitation for bids was released on September 18, 2023. Bids were received in accordance with Board of Directors-approved public works procurement procedures. Board of Directors' approval is requested to execute the agreement.

#### **Recommendations**

- A. Find CT&T Concrete Paving, Inc., the apparent low bidder, as non-responsive due to failure to meet the federal requirement for Disadvantaged Business Enterprise participation.
  
- B. Authorize the Chief Executive Officer to negotiate and execute Agreement No. C-3-2755 between the Orange County Transportation Authority and Falkon Construction Inc., the lowest responsive, responsible bidder, in an amount of \$841,820, for the concrete repairs at the Irvine Sand Canyon Bus Base and the Newport Transportation Center.

#### **Attachments:**

[Transmittal](#)

[Staff Report](#)

## BOARD MEETING AGENDA

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**8. Award of Sole Source Agreement for the Purchase of Trapeze Itinerary Planning Assistant Solution**

Melissa Mungia/Johnny Dunning, Jr.

***Overview***

The Orange County Transportation Authority utilizes software from Trapeze Software Group, Inc. for the operation and management of the OC ACCESS paratransit service. Board of Directors authorization is requested for the purchase of an additional software module to enhance the customer experience and operational efficiency of the service.

***Recommendation***

Authorize the Chief Executive Officer to negotiate and execute sole source Agreement No. C-3-2884 between the Orange County Transportation Authority and Trapeze Software Group, Inc., in the amount of \$108,543, for the purchase of the Trapeze PASS-Itinerary Planning Assistant software for a one-year term.

***Attachments:***

[Transmittal](#)

[Staff Report](#)

**9. February 2024 Bus Service Change**

Eric Hoch/Kia Mortazavi

***Overview***

The proposed February 2024 bus service change consists of the implementation of minor adjustments in response to customer comments and operator feedback. The upcoming changes are consistent with the regular service change process.

***Recommendation***

Receive and file as an information item.

***Attachments:***

[Transmittal](#)

[Staff Report](#)

[Attachment A](#)

[Attachment B](#)

## BOARD MEETING AGENDA

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### Orange County Local Transportation Authority Consent Calendar Matters

#### 10. Contract Change Orders for the Construction of the OC Streetcar Project

Ross Lew/James G. Beil

##### **Overview**

On September 24, 2018, the Orange County Transportation Authority Board of Directors authorized Agreement No. C-7-1904 with Walsh Construction Company II, LLC, for construction of the OC Streetcar project. Contract change orders are required for work to address pavement modifications and restoration along embedded tracks and grade crossings, Fourth Street extended work hours additional funding, buried overhead contact system pole grounding, schedule impacts associated with time impact evaluation 12, shore power at the maintenance and storage facility, and intumescent fireproof coating on structural steel at the maintenance and storage facility.

##### **Recommendations**

- A. Authorize the Chief Executive Officer to negotiate and execute Contract Change Order No. 77.3 to Agreement No. C-7-1904 with Walsh Construction Company II, LLC, in the amount of \$1,300,000, for pavement modifications and restoration along embedded tracks and grade crossings.
- B. Authorize the Chief Executive Officer to negotiate and execute Contract Change Order No. 150.2 to Agreement No. C-7-1904 with Walsh Construction Company II, LLC, in the amount of \$250,000, for Fourth Street extended work hours additional funding.
- C. Authorize the Chief Executive Officer to negotiate and execute Contract Change Order No. 173.1 to Agreement No. C-7-1904 with Walsh Construction Company II, LLC, in the amount of \$123,643, for buried overhead contact system pole grounding.
- D. Authorize the Chief Executive Officer to negotiate and execute Contract Change Order No. 195.3 to Agreement No. C-7-1904 with Walsh Construction Company II, LLC, in the amount of \$535,000, for schedule impacts associated with time impact evaluation 12.
- E. Authorize the Chief Executive Officer to negotiate and execute Contract Change Order No. 196 to Agreement No. C-7-1904 with Walsh Construction Company II, LLC, in the amount of \$600,000, for shore power at the maintenance and storage facility.
- F. Authorize the Chief Executive Officer to negotiate and execute Contract Change Order No. 201.1 to Agreement No. C-7-1904 with Walsh Construction Company II, LLC, in the amount of \$123,039, for intumescent fireproof coating on structural steel at the maintenance and storage facility.

# BOARD MEETING AGENDA

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***Attachments:***

[Transmittal](#)

[Staff Report](#)

[Attachment A](#)

[Attachment B](#)

## **Regular Calendar**

There are no Regular Calendar matters.

## **Discussion Items**

**11. Interstate 405 Improvement Project Update**

Jeff Mills/James G. Beil

***Overview***

Staff will provide an update on the Interstate 405 Improvement project.

**12. Public Comments**

**13. Chief Executive Officer's Report**

**14. Directors' Reports**

**15. Adjournment**

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

**9:00 a.m., on Monday, January 22, 2024**

OCTA Headquarters

Board Room

550 South Main Street

Orange, California



*January 8, 2024*

**To:** Members of the Board of Directors   
**From:** Gene Hernandez, Chairman of the Board of Directors  
Darrell E. Johnson, Chief Executive Officer   
**Subject:** 2023 Board of Directors and Chief Executive Officer Initiatives and Action Plan – End-of-Year Report

On January 23, 2023, the Board of Directors (Board) approved the 2023 Board and Chief Executive Officer (CEO) Initiatives (Attachment A) and Action Plan (Attachment B). The Action Plan consisted of three Board initiatives supported by nine CEO initiatives and monitored through 98 milestones. This year-end report summarizes the Orange County Transportation Authority's (OCTA) progress on advancing these initiatives between January 1, 2023, and December 31, 2023.

At the conclusion of 2023, 83 of the 98 milestones were completed. Attachment B provides a summary of all 98 milestones, including the 15 milestones that will be carried over for reconsideration in 2024. These carryover milestones had to be adjusted primarily due to resource constraints, delays in coordination with external entities, and other unanticipated challenges.

Highlights of OCTA's accomplishments are provided below.

Board Initiative: Equitable, Reliable, and Balanced Transportation

Although 2023 was not without challenges, OCTA upheld its commitment to keep Orange County moving. In addition to providing efficient and accessible transportation options, OCTA continued to advance various Measure M2 (M2) improvements. To ensure OCTA could best meet the needs of the population it serves, extensive engagement with local stakeholders, particularly those in diverse and disadvantaged communities, remained a crucial focus.

- Interstate 405 (I-405) Improvement Project: The I-405 Improvement Project between the City of Costa Mesa and the Orange/Los Angeles County lines provided the addition of one regular lane in each direction of I-405 and the 405 Express Lanes. As part of this project, 18 bridges were constructed, widened, or replaced. In December 2023, completion of the project culminated with the opening of the additional general purpose lanes as promised by M2, and 405 Express Lanes using toll financing.

Overall, the I-405 Improvement Project aims to provide better travel times along this stretch of the highway. The completion of the I-405 improvements is the largest highway project in OCTA's history.

- **Transit Services:** To maximize available resources, the Board awarded a new agreement for the management, operation, and maintenance of OC Bus contracted fixed-route services, which is essential to maintaining service continuity. Additionally, on September 25, 2023, the Board awarded a contract to provide for continued management and operation of the same-day taxi service, which provides an additional service option of OC ACCESS riders.
- **M2 Next 10 Delivery Plan (Next 10 Plan):** The Next 10 Plan is a strategic plan that supports the implementation of M2 projects, including freeway, roadway, transit, and environmental programs. Following a comprehensive review of the Next 10 Plan, updates were incorporated to reflect the M2 sales tax revenue forecast, external funding assumptions, and project information. An updated Next 10 Plan was presented to and adopted by the Board in November 2023. The updated plan supports that OCTA will be able to fulfill its commitment to Orange County voters.
- **Diversity, Equity, and Inclusion (DEI):** OCTA continued its outreach to Orange County community members and organizations in diverse communities. For instance, OCTA staff increased the number of person-to-person engagement opportunities, such as cultural festivities, resource fairs, and pop-up events at community gathering places to help build awareness of OCTA's transportation services and encourage feedback on planning studies. The agency also reviewed and implemented recommended actions, where appropriate, from a third-party DEI study. This study reviewed relevant OCTA organizational policies, practices, and programs and developed recommendations accordingly to enhance agency efforts in this area.
- **2023 Congestion Management Program (CMP) Report:** OCTA is responsible for monitoring and reporting on the Orange County CMP. The CMP's purpose is to coordinate land use and transportation decisions, as well as assess how traffic congestion is managed. The 2023 Orange County CMP Report was prepared and developed according to statutory requirements and through coordination with local and public entities. On November 13, 2023, the Board adopted the report, which was subsequently submitted to Southern California Association of Governments to make a final determination of consistency with the current Regional Transportation Plan, a requirement by state law. The report indicates that Orange County's transportation system is keeping pace with population growth and economic activity.

Board Initiative: Financial and Environmental Sustainability and Resilience

OCTA takes pride in championing fiscal responsibility and is committed to prudently administering public funds to carry out beneficial transportation improvement projects in Orange County. Concurrently, OCTA is dedicated to its ongoing efforts to advance environmental stewardship and sustainability, as well as prepare and plan for future changing conditions. This will allow the agency to better provide and sustain a reliable and safe transportation system.

- **Active Transportation Program:** OCTA continued to work with local jurisdictions, stakeholders, and the public to coordinate active transportation (bicycling and walking) projects and programs in Orange County. These efforts not only support the agency’s vision for a balanced multimodal system but also help to encourage cleaner modes of transportation and healthier lifestyles.
- **Annual Comprehensive Financial Report (ACFR):** On November 27, 2023, the Board received the ACFR for fiscal year 2022-23. The report is an annual audit of OCTA’s financial records and systems and concluded that OCTA presented statements fairly, in all material respects to the financial position of OCTA.
- **Federal Triennial Review:** The Federal Transit Administration is required to perform a review of OCTA at least every three years as it relates to the use of federal funds. More specifically, these triennial reviews evaluate the performance of OCTA as a grant recipient and its compliance with statutory and administrative grant requirements and management practices. In November 2023, the Board was presented with the fiscal year 2023 triennial review report issued by the Federal Transit Administration, which found OCTA to be fully compliant in all areas reviewed.
- **Coastal Rail Protection:** Emergency actions have been undertaken over the last few years to address disruptions to passenger rail service from landslide events in south Orange County. In addition, OCTA initiated efforts to gain a better understanding of climate effects on the coastal rail infrastructure in this area. These efforts include two studies: the first is a study to assess possible short- and medium-term solutions to protect the existing rail line in place, and a separate second-phase study focusing on longer-term options, such as the potential relocation of a segment of the rail line. Given the potential scale of the longer-term study, it will require involvement of state and federal agencies. Discussions are underway to determine which agency is best positioned to lead that effort. Both studies will entail extensive outreach and coordination with relevant stakeholders.

- **Climate Adaptation and Sustainability Plan (CASP):** In 2022, OCTA initiated the development of a comprehensive, agencywide CASP to evaluate and address how the agency could improve its resilience to future climate impacts while minimizing its emissions. All OCTA divisions have been involved in developing the plan, which is anticipated to be available in early 2024.
- **M2 Environmental Cleanup Program:** On August 14, 2023, the Board approved grant funding allocations for 10 Tier 1 water quality projects totaling approximately \$3.4 million to improve overall water quality in Orange County from transportation-related pollution.

**Board Initiative: Organizational Excellence, Leadership, and Accountability**

OCTA recognizes the significant contributions of its dedicated and diligent workforce. Thus, the agency prioritizes a healthy and safe workplace and a diverse and inclusive work culture, while continuing to provide employee development opportunities. Additionally, OCTA remains committed to building and maintaining new and existing partnerships with regional stakeholders to better meet the mobility needs of the region.

- **Cybersecurity:** OCTA is a proud champion of online safety and education to better ensure the protection of its workforce with the use of technology. In September 2023, all OCTA staff completed cybersecurity training of online best practices to be less vulnerable to potential cyberattacks.
- **Diversity, Equity, Inclusion, and Belonging:** In support of its diverse workforce, OCTA encourages and cultivates a work culture of belonging and inclusivity. On November 1, 2023, OCTA kicked off a Working Parent Employee Resource Group (ERG). This ERG is a voluntary and employee-led collective to share and provide resources to parents at OCTA to help foster a balance between work and family.
- **College Pass Program:** The College Pass Program allows enrolled community college students to ride OC Bus free of cost to help them access school, work, and recreational destinations. Since its initial success in 2017 with the participation of Santa Ana College, OCTA has expanded the program to all nine community colleges in Orange County. The program has been focused on its continuation at these schools beyond their initial pilot terms. In August 2023, a new five-year agreement was developed to continue the program at Santiago Canyon College.
- **Management Development and Early Career Academies:** The purpose of the Management Development Academy (MDA) is to increase employee competency on how to motivate others to achieve higher performance as

they progress towards an early to mid-level management career at OCTA. The Early Career Academy (ECA) provides early career development opportunities and support for new professionals as they advance their careers at OCTA. On June 21 and December 14, 2023, OCTA launched its fifth MDA cohort and fourth ECA cohort of talented emerging leaders, respectively.

With the conclusion of the 2023 Action Plan, OCTA looks forward to continuing its commitment of effectively and strategically addressing the immediate needs of the public and agency employees to keep Orange County moving. Please let me know if you have any questions or contact Darrell E. Johnson, CEO, at (714) 560-5343.

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# 2023 BOARD & CEO INITIATIVES



## Equitable, Reliable, and Balanced Transportation

- Provide Effective and Accessible Transportation Modes
- Advance Measure M2 Improvements
- Engage with Local Stakeholders in All Communities



## Financial and Environmental Sustainability and Resilience

- Champion Fiscal Responsibility and Prudently Administer Public Funds
- Anticipate and Plan for Future Conditions
- Demonstrate Environmental Stewardship and Sustainability



## Organizational Excellence, Leadership, and Accountability

- Enhance Regional Partnerships and Relationships with Stakeholders
- Strengthen Inclusivity and Diversity in the Work Environment
- Promote Employee Development and a Safe and Modern Workplace

**GENE HERNANDEZ**  
CHAIRMAN

**DARRELL E. JOHNSON**  
CHIEF EXECUTIVE OFFICER



## 2023 BOARD & CEO INITIATIVES



### **Equitable, Reliable, and Balanced Transportation**

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### **Financial and Environmental Sustainability and Resilience**

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### **Organizational Excellence, Leadership, and Accountability**

- Enhance Regional Partnerships and Relationships with Stakeholders
- Strengthen Inclusivity and Diversity in the Work Environment
- Promote Employee Development and a Safe and Modern Workplace

Handwritten signature of Gene Hernandez in white ink.

**GENE HERNANDEZ**  
CHAIRMAN

Handwritten signature of Darrell E. Johnson in white ink.

**DARRELL E. JOHNSON**  
CHIEF EXECUTIVE OFFICER

## 2023 Board Initiatives

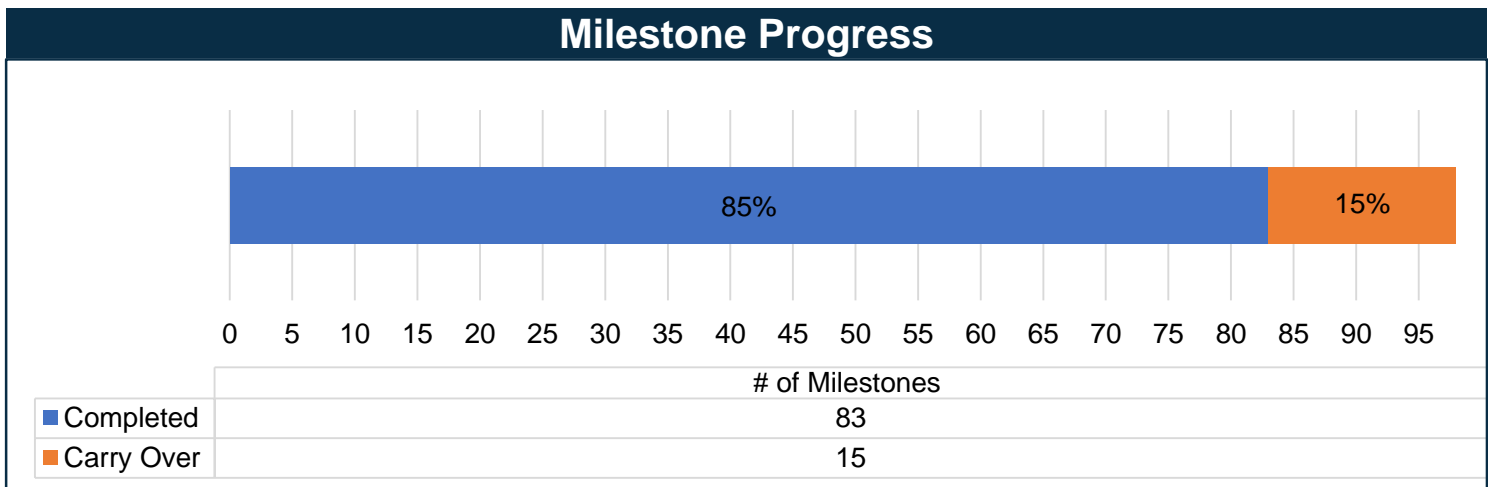
1. Equitable, Reliable, and Balanced Transportation
2. Financial and Environmental Sustainability and Resilience
3. Organizational Excellence, Leadership, and Accountability

## 2023 CEO Initiatives

1. Provide Effective and Accessible Transportation Modes
2. Advance Measure M2 Improvements
3. Engage with Local Stakeholders in All Communities
4. Champion Fiscal Responsibility and Prudently Administer Public Funds
5. Anticipate and Plan for Future Conditions
6. Demonstrate Environmental Stewardship and Sustainability
7. Enhance Regional Partnerships and Relationships with Stakeholders
8. Strengthen Inclusivity and Diversity in the Work Environment
9. Promote Employee Development and a Safe and Modern Workplace

## 2023 CEO Milestone Summary

Number of Milestones by Quarter	
Quarter Due	Number
First Quarter	13
Second Quarter	12
Third Quarter	25
Fourth Quarter	48
<b>TOTAL</b>	<b>98</b>



# FIRST QUARTER (Q1)

12 of 13 Completed - 92%

#	Project/Program	Objective	Milestone	Notes	Q1	Q2	Q3	Q4
1.	I-405 Project*	Continue to Advance Construction	Complete and fully open bridge at Goldenwest Street - Q1	Due to weather and underground utility challenges, the completion and opening of the Goldenwest Street bridge was delayed. June 2023 - completed and fully opened bridge.				
2.	I-5, El Toro Road Interchange	Assess Potential Additional Build Alternatives	Restart the environmental phase incorporating new alternatives - Q1	January 2023 - restarted environmental phase.				
3.	San Juan Creek Bridge Replacement*	Ensure Asset Preservation	Complete ROW activities and coordinate with Metrolink to advertise for construction - Q1	January 26, 2023 - completed ROW certification. July 24, 2023 - Metrolink advertised for construction.				
4.	Transit Security and Operations Center (TSOC)*	Ensure Transit Service Continuity	Complete design phase - Q1	Due to ongoing plan checks by the City of Anaheim, completion of the design phase has been delayed. This will be carried over and reconsidered for 2024.				
5.	Comprehensive Business Plan (CBP)*	Develop OCTA's Business Plan	Present CBP to Board for adoption - Q1	February 27, 2023 - presented CBP to Board.				
6.	Bus Fleet Management	Maintain Fleet in a State of Good Repair	Finalize agreement to acquire replacement CNG buses - Q1	February 16, 2023 - finalized agreement.				
7.	Contracted Fixed-Route	Award New Agreement for Contracted Fixed-Route Service Provision	Present to Board for approval to award contract - Q1	March 13, 2023 - presented to and approved by the Board.				

\*2022 Carryover

COMPLETED	ON TRACK	TIMETABLE ADJUSTED	CARRYOVER
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## Q1 (Continued)

#	Project/Program	Objective	Milestone	Notes	Q1	Q2	Q3	Q4
8.	OC Streetcar*	Prepare for OC Streetcar Operations	Issue NTP to Herzog for operations and maintenance services - Q1	To be consistent with the timing of the update on the overall OC Streetcar project schedule, issuance of the NTP was delayed; June 2023 - issued NTP to Herzog.				
9.	Zero-Emission Battery-Electric Buses*	Reduce Emissions in Orange County	Receive delivery of last remaining plug-in battery-electric bus and put all into service - Q1	January 25, 2023 - received last battery-electric bus; February 28, 2023 - all five BRAVO! branded and regular battery-electric buses have been deployed into service.				
10.	Core Competency Integration	Provide Clear Growth and Development Pathways for Staff and Bridge Gaps Between Performance and Opportunity by Articulating which Competencies are Needed for Various Positions	Continue development of a "road map" for core competency implementation and roll-out plan to implement core competencies into the job descriptions of all divisions at OCTA. Present roll-out plan to ESC - Q1	March 27, 2023 - presented roll-out plan to division leads, in lieu of ESC.				
11.	Public Transportation Agency Safety Plan (PTASP)	Reinforce the Value of Safety and Organizational Commitment to Reduce Safety Incidents	Present annual PTASP to Board for approval - Q1	March 13, 2023 - presented to Board for approval.				
12.	Long-Range Transportation Plan (LRTP)*	Develop the LRTP	Release draft LRTP for public review - Q1	January 6, 2023 - released draft LRTP.				
13.	Rail Coastal Protection	Assess Vulnerability of the Railroad ROW in South Orange County to Address the Impacts of Sea Level Rise, Erosion, Etc.	Develop scope of work and seek grant funding - Q1	February 10, 2023 - submitted grant application, which includes scope of work; March 13, 2023 - presented scope of work to Board for approval to release RFP for short- and mid-term solutions.				

\*2022 Carryover

COMPLETED	ON TRACK	TIMETABLE ADJUSTED	CARRYOVER
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## SECOND QUARTER (Q2)

10 of 12 Completed - 83%

#	Project/Program	Objective	Milestone	Notes	Q1	Q2	Q3	Q4
1.	Anaheim Canyon Metrolink Station Improvement*	Close Out Construction and Commission New Platform	Complete construction and provide update to Board - Q2	January 30, 2023 - completed construction; May 8, 2023 - provided update to Board as part of Capital Action Plan quarterly progress report.				
2.	I-5, SR-73 to El Toro Road Project	Continue to Advance Construction on All Segments	Provide construction update to Board - Q2	May 8, 2023 - provided update to Board as part of Capital Action Plan quarterly progress report.				
3.	TSOC	Ensure Transit Service Continuity	Advertise for construction - Q2	Due to the prolonged completion of the design phase, construction project advertisement has also been delayed. This will be carried over and reconsidered for 2024.				
4.	OCTA's Operating and Capital Budget	Develop a FY 2023-24 Balanced Budget	Present a comprehensive balanced OCTA FY 2023-24 Budget for adoption to Board - Q2	June 12, 2023 - presented to Board.				
5.	Procurement	Ensure Transparency and Organizational Excellence	Conduct a procurement workshop with the Board - Q2	March 27, 2023 - conducted Board workshop.	Early Complete			
6.	Metrolink Service	Plan, Fund, and Administer Sustainable Metrolink Service	Continue to work with Metrolink to develop a sustainable service plan consistent with market demand - Q2	May 8, 2023 - Metrolink presented its draft FY 24 budget, including service assumptions, to Board.				
7.	Paratransit Vehicles	Replace Cutaway Buses with a Mix of Cutaways and Vans	Initiate procurement of replacement paratransit vehicles - Q2	June 26, 2023 - presented to Board for approval to release RFP.				
8.	Personnel and Salary Resolution	Attract and Retain Top Talent	Present recommendations to Board as part of the OCTA FY 2023-24 budget - Q2	June 12, 2023 - presented to Board.				
9.	L RTP	Finalize the L RTP	Incorporate public feedback and present draft final L RTP to Board - Q2	May 8, 2023 - presented final draft to Board, which incorporated public feedback.				

\*2022 Carryover

COMPLETED	ON TRACK	TIMETABLE ADJUSTED	CARRYOVER
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## Q2 (Continued)

#	Project/Program	Objective	Milestone	Notes	Q1	Q2	Q3	Q4
10.	Signal Synchronization	Improve Roadway Efficiency	Provide update to Board on signal synchronization projects (Project P) - Q2	June 26, 2023 - provided update to Board.				
11.	Transit Chokepoint Study	Identify Bus Operation Impediments that Lead to Reduced Speed and Reliability Challenges	Award contract - Q2	OCTA needs to implement the Making Better Connections Study over a 24-month period, which began in February 2023. To accurately assess transit "chokepoints" for the OC Bus service area, it is necessary to implement a majority of the Making Better Connections Study service plan to determine where additional improvements may be warranted. As a result, contract award has been delayed. This will be carried over to Q2 of 2024.				
12.	Transit Vision Update (Connections Plan Follow-Up Study)	Ensure Appeal of Transit as a Long-Term Multimodal Transportation Option	Present to Board for approval to award contract - Q2	April 24, 2023 - presented to Board for contract award approval.				

COMPLETED

ON TRACK

TIMETABLE ADJUSTED

CARRYOVER

# THIRD QUARTER (Q3)

20 of 25 Completed - 80%

#	Project/Program	Objective	Milestone	Notes	Q1	Q2	Q3	Q4
1.	I-405 Project	Continue to Advance Construction	Complete and fully open remaining bridge replacements at Brookhurst Street, Bolsa Avenue, Warner Avenue, Newland Street, and Springdale Street - Q3	June 2023 - completed and opened Bolsa Avenue and Warner Avenue bridges; July 2023 - completed and opened Brookhurst Street bridge; September 2023 - completed and opened Newland Street and Springdale Street bridges.				
2.	I-5, Avenida Pico to San Diego County Line	Advance Environmental Phase	Release Draft EIR and provide update to Board - Q3	Due to developments and changes in the VMT analysis and VMT mitigation strategies for this project, circulation of the draft EIR and update to Board have been delayed. These will now be carried over to Q3 of 2024.				
3.	SR-55, I-405 to I-5 Project	Continue to Advance Construction	Provide construction update to Board - Q3	August 14, 2023 - provided update to Board.				
4.	405 Express Lanes Customer Service Center (CSC)	Open 405 Express Lanes CSC for Service	Complete construction, install equipment, and provide furniture in the 405 Express Lanes CSC - Q3	July 2023 - completed construction, including receiving all inspection approvals.				
5.	91 Express Lanes	Potentially Re-finance Outstanding Debt	Evaluate whether to move forward on refinancing outstanding debt - Q3	June 12, 2023 - presented evaluation to Board.		Early Complete		
6.	Credit Ratings	Maintain OCTA's Positive Credit Rating	Conduct annual rating agency meeting - Q3	July 26-28, 2023 - conducted credit rating agency meetings.				
7.	Cybersecurity	Protect OCTA's Information Systems	Require completion of annual cybersecurity training for all employees - Q3	September 2023 - sent out required training through Halogen, for which all employees completed.				

COMPLETED	ON TRACK	TIMETABLE ADJUSTED	CARRYOVER
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## Q3 (Continued)

#	Project/Program	Objective	Milestone	Notes	Q1	Q2	Q3	Q4
8.	Cybersecurity (TSA Security Directive)	Fulfill TSA Security Directive	Complete initial cybersecurity assessment and incident response plan - Q3	Completion of the TSA Security Directive (1582-21-01B) is a requirement for agencies with active passenger railroad carrier and/or rail transit system operations. To be consistent with the OC Streetcar construction progress, completion of the cybersecurity assessment and incident response plan has been delayed. This will be carried over to Q4 of 2024.				
9.	Headquarters Building	Implement Long-Term Strategy for the OCTA Headquarters	Present a design agreement to Board - Q3	Due to design changes to the site plan requested by OCTA, this had been delayed. November 15, 2023 - presented conceptual design with Board Real Estate Ad Hoc Committee.				
10.	Human Resources Information System (HRIS)	Implement a Modernized HRIS	Present to Board for approval to award contract - Q3	August 28, 2023 - presented to Board for approval.				
11.	Rider Validation System	Continue Modernization of OCTA's Fare System	Present vendor selection to Board - Q3	Due to the larger than anticipated number of RFP submittals received, the RFP review period needed to be extended. As a result, this had been delayed. October 23, 2023 - presented vendor selection to Board.				
12.	Bus Fleet Management	Maintain Fleet in a State of Good Repair	Receive delivery of initial order of CNG buses - Q3	Due to manufacturer recalls and defect repairs prior to acceptance, delivery had been delayed. December 2023 - received full delivery of remaining buses.				

COMPLETED

ON TRACK

TIMETABLE ADJUSTED

CARRYOVER

## Q3 (Continued)

#	Project/Program	Objective	Milestone	Notes	Q1	Q2	Q3	Q4
13.	OC Streetcar	Complete Vehicle Production	Begin receiving delivery of streetcar vehicles - Q3	Due to delays with the manufacturer's production schedule and the maintenance and storage facility, receipt of streetcar vehicles has been delayed and will commence consistent with the completion of the maintenance and storage facility. This will be carried over to 2024.				
14.	OC Streetcar	Prepare for OC Streetcar Operations	Complete operations and maintenance agreements with the cities of Garden Grove and Santa Ana - Q3	To be consistent with the timing of the update on the overall OC Streetcar project schedule, completion of the operations and maintenance agreements has been delayed. This will be carried over to 2024.				
15.	Same-Day Taxi	Deliver Enhanced ACCESS Service	Award service contract - Q3	September 25, 2023 - presented to Board for contract award approval.				
16.	Zero-Emission Paratransit Buses	Replace Ten Gasoline OC ACCESS Buses with Ten Battery-Electric Vehicles	Initiate procurement - Q3	Due to a lack of electric small bus availability, procurement of the ten battery-electric vehicles has been delayed. This will be carried over to Q1 of 2024.				
17.	College Pass Program	Extend College Pass Program Beyond Initial Pilot Term	Develop a new agreement with Santiago Canyon College - Q3	August 2023 - developed a new five-year agreement, which was approved by the Santiago Canyon College Board of Trustees.				
18.	Diversity, Equity, Inclusion, and Belonging - Affirmative Action Plan/Equal Employment Opportunity (AAP/EEO)	Provide Updates on Progress of AAP/EEO Development and Implementation and Adhere to Federal Requirements	Present biannual updates to ESC - Q1 and Q3	February 13 and August 30, 2023 - presented biannual updates to ESC.				
19.	Employee Health Insurance Renewal Programs	Secure Competitive Health Benefits	Present health insurance recommendations to Board - Q3	August 28, 2023 - presented recommendations to Board.				

COMPLETED

ON TRACK

TIMETABLE ADJUSTED

CARRYOVER

## Q3 (Continued)

#	Project/Program	Objective	Milestone	Notes	Q1	Q2	Q3	Q4
20.	Management Development Academy (MDA)	Provide Management Professional Development	Launch fifth cohort of MDA - Q3	June 21, 2023 - hosted kickoff for fifth cohort.		Early Complete		
21.	OC Streetcar Operations Safety Education and Public Awareness	Provide Safety Education to Affected Audiences and General Public	Create and implement a safety education campaign to raise public awareness once testing begins on tracks - Q3	A comprehensive plan for the Safety Education and Public Awareness Campaign has been completed. August 2023 - conducted soft launch with school and community outreach and a dedicated web page.				
22.	PTASP	Adopt OC Streetcar PTASP as Required by the FTA and the CPUC's State Safety Oversight Program	Submit draft OC Streetcar PTASP to the CPUC for review and comment for revenue service preparation and/or requirements - Q3	September 29, 2023 - submitted draft to CPUC.				
23.	South Orange County Rail Station Feasibility Study	Assess Feasibility of a New Rail Station South of Existing Laguna Niguel Metrolink Station	Complete study and present to Board - Q3	September 25, 2023 - presented study as part of an update on transportation projects in south Orange County to Board.				
24.	SR-91 Implementation Plan	Collaborate with RCTC to Update the Plan in Support of Regional SR-91 Corridor Transportation Improvements	Present Plan to Board - Q3	August 14, 2023 - presented to Board.				
25.	Streets and Roads Grants	Fund Streets and Roads Improvements	Present recommendations for RCP (Project O) and RTSSP (Project P) projects grant awards to Board - Q3	April 10, 2023 - presented recommendations to Board with \$33.5 million for seven RCP projects and \$3.7 million for three RTSSP projects.		Early Complete		

COMPLETED

ON TRACK

TIMETABLE ADJUSTED

CARRYOVER

# FOURTH QUARTER (Q4)

41 of 48 Completed -

85%

#	Project/Program	Objective	Milestone	Notes	Q1	Q2	Q3	Q4
1.	I-405 Project	Open All I-405 Improvements to Traffic	Achieve substantial completion of construction (all lanes open) and opening of the 405 Express Lanes - Q4	December 1, 2023 - opened all lanes, including the 405 Express Lanes.				
2.	OC Streetcar	Continue to Advance Construction	Report on status of construction and updates to target service startup date Q1-Q4	January 23, April 24, and August 14, and October 23, 2023 - presented updates to Board.				
3.	Serra Siding Extension	Advance Environmental Phase	Release Draft EIR and provide update to Board - Q4	Due to increased focus on coastal rail activities and studying near and mid-term coastal resiliency solutions, this has been delayed and will be reconsidered for 2024.				
4.	SR-91, SR-55 to Lakeview Avenue	Advance Project to Construction Phase	Complete the construction bid package for Caltrans' advertisement for bids - Q4	Due to additional time being needed for Caltrans to finish its review and completion of the construction bid package, this has been delayed and will be carried over to Q1 of 2024.				
5.	241/91 Express Lanes Connector (ELC)*	Provide 241/91 ELC Project Progress	Provide update to Board on the status of the project with a discussion on next steps - Q4	Due to a lack of progress on some key milestones, this has been delayed and no additional update will be presented in 2023. This will be carried over to Q3 of 2024.				
6.	405 Express Lanes	Commence Operations on the 405 Express Lanes	Begin processing transaction and collecting revenues on the 405 Express Lanes - Q4	December 1, 2023 - commenced operations.				

\*2022 Carryover

COMPLETED	ON TRACK	TIMETABLE ADJUSTED	CARRYOVER
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## Q4 (Continued)

#	Project/Program	Objective	Milestone	Notes	Q1	Q2	Q3	Q4
7.	91 Express Lanes*	Install Toll Entrance Readers to Register Vehicles Entering the 91 Express Lanes	Complete installation of infrastructure gantries, cameras, and readers at the three entrances of the 91 Express Lanes - Q4	Kapsch TrafficCom is responsible for installing the tolling equipment on the 91 Express Lanes entrance readers. However, OCTA has instructed Kapsch to focus 100% of their efforts on the 405 Express Lanes. As a result, this has been delayed and will be carried over to Q3 of 2024.				
8.	Crisis Communications	Ensure Agency and Staff Preparedness	Conduct a tabletop exercise for the Crisis Communications team and revise Crisis Communications Plan as appropriate - Q4	December 14, 2023 - conducted tabletop exercise.				
9.	Diversity, Equity, Inclusion, and Belonging	Review OCTA Organizational Policies, Practices and Programs Related to Diversity, Equity and Inclusion, and Develop Recommendations to Enhance Efforts in this Area and Help Guide Future Agency Decisions	Review and implement appropriate recommendations from the third-party organizational diversity, equity, and inclusion study - Q4	October 2, 2023 - reviewed study recommendations with division leads. Recommendations have been reviewed by executive leadership and actions have been implemented, as appropriate, and will be ongoing.				
10.	Rail Coastal Protection	Support State Efforts to Develop Long-Term Solutions for Coastal Rail Infrastructure	Work with external stakeholders and provide periodic updates to Board - Q2 and Q4	February 2023 - provided update to Board; December 2023 - provided update to Board via a memo.				
11.	Annual Comprehensive Financial Report	Ensure Accountability and Transparency	Obtain an unmodified opinion from the external auditors and provide the annual financial statements to Board - Q4	November 27, 2023 - provided to Board.				
12.	Enterprise Asset Management (EAM)	Implement New EAM System	Transition Infor EAM System from test into full production - Q4	Due to resource constraints experienced by the EAM implementor, the project schedule has been delayed. This will be carried over to Q4 of 2024.				

\*2022 Carryover

COMPLETED	ON TRACK	TIMETABLE ADJUSTED	CARRYOVER
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## Q4 (Continued)

#	Project/Program	Objective	Milestone	Notes	Q1	Q2	Q3	Q4
13.	Renewable Energy Assessment	Assess Feasibility of Using Renewable Energy at OCTA Facilities	Evaluate OCTA's ability to implement renewable energy options and provide update to Board - Q4	December 11, 2023 - provided update as part of the CASP update to Board; December 13, 2023 - sent out memo to Board on renewable solar potential at OCTA facilities.				
14.	Federal Triennial Review	Provide a Well-Coordinated Response, Evidenced by Documentation, During FTA's Triennial Review to Convey the Agency's Outstanding Performance as a Federal Grantee	Complete the necessary steps and actions as part of the FTA Triennial Review process - Q4	October 2023 - received final report from FTA with no findings; November 13, 2023 - presented final report to Board.				
15.	Legislative Forums	Communicate Transportation Needs and Challenges and OCTA's Ongoing Plans, Programs, and Projects	Conduct forums with local delegation representatives and report to management team - Q1-Q4	March 29 and October 12, 2023 - conducted forums.				
16.	Legislative Platforms	Set Legislative Priorities	Present final 2024 state and federal legislative platforms to Board for approval - Q4	November 27, 2023 - presented final draft and End-of-Year Report to Board.				
17.	Legislative Priorities	Provide End of Session Report	Discuss outcomes of legislative priorities with L&C - Q4	November 16, 2023 - discussed outcomes with L&C.				

COMPLETED

ON TRACK

TIMETABLE ADJUSTED

CARRYOVER

## Q4 (Continued)

#	Project/Program	Objective	Milestone	Notes	Q1	Q2	Q3	Q4
18.	Local Government Forums	Conduct Mayors Forums by District	Conduct forums with local delegation representatives and report to management team - Q1-Q4	September and October 2023 - conducted local elected delegation forums within the Second, Third, Fourth and Fifth Supervisorial Districts.				
19.	Zero-Emission Bus (ZEB) Pilots*	Evaluate ZEBs for Operational Effectiveness	Provide progress report to Board on ZEB pilots, including the hydrogen fuel-cell electric buses and plug-in battery-electric buses - Q4	The hydrogen fuel-cell electric buses continue to operate in service; deployment of the battery-electric buses will be limited until the bus chargers are installed. However, due to the timing of the deployment, providing a progress report to Board has been delayed. This will be carried over to Q1 of 2024. January 9, 2023 - provided ZEB pilot update to Board.				
20.	Coach Operator Workforce	Implement Programs to Support Increase in Recruitment and Retention	Review current efforts on coach operator recruitment and retention and include coach operator headcount in the quarterly bus operations report to Board - Q4	November 27, 2023 - quarterly bus operations report presented to Board. Although the coach operator headcount was not included in this report, it was included in the budget status report presented to Board in October 2023, and a full review of recruitment and retention was completed and the headcount was reported to Board in closed session on discussions with Teamsters Local 952 regarding coach operators.				

\*2022 Carryover

COMPLETED	ON TRACK	TIMETABLE ADJUSTED	CARRYOVER
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## Q4 (Continued)

#	Project/Program	Objective	Milestone	Notes	Q1	Q2	Q3	Q4
21.	Core Competency Integration	Provide Clear Growth and Development Pathways for Staff and Bridge Gaps Between Performance and Opportunity by Articulating which Competencies are Needed for Various Positions	Implement core competencies into all job descriptions at OCTA - Q4	December 22, 2023 - completed implementation.				
22.	Diversity, Equity, Inclusion, and Belonging	Provide Microaggression Training to Ensure Coach Operators Understand OCTA's Commitment to Diversity, Equity, Inclusion, and Belonging	Conduct microaggressions training for all coach operators during annual required training - Q4	December 27, 2023 - conducted last annual required training session.				
23.	Diversity, Equity, Inclusion, and Belonging	Identify and Develop Enhancements to Support Employees' Voices Throughout the Organization	Implement one additional Employee Resource Group - Q4	November 1, 2023 - kicked off Working Parent Employee Resource Group.				
24.	Diversity, Equity, Inclusion, and Belonging - Diverse Community Leaders Group (DCLG)	Maximize Relationships with Key Stakeholders and Leaders that Represent Diverse Communities to Gain Feedback	Enhance engagement opportunities with OCTA's DCLG as part of transportation programs, projects, and plans with update to L&C - Q4	October 19, 2023 - presented update to L&C.				
25.	Diversity, Equity, Inclusion, and Belonging - Outreach Update	Conduct Diversity Outreach Programs to Support Capital Projects, Planning Studies, and Transit Marketing	Develop proactive diversity outreach and inclusion strategies using traditional and digital tactics to engage with diverse and underrepresented communities on OCTA initiatives and activities with update to L&C - Q4	October 19, 2023 - presented update to L&C.				

COMPLETED

ON TRACK

TIMETABLE ADJUSTED

CARRYOVER

## Q4 (Continued)

#	Project/Program	Objective	Milestone	Notes	Q1	Q2	Q3	Q4
26.	Early Career Academy (ECA)	Provide Early Career Development to Grow New Professionals	Launch fourth cohort of ECA - Q4	December 14, 2023 - hosted kick-off to launch fourth cohort.				
27.	Market Research	Obtain Public Input and Preferences for OCTA's Various Programs and Services	Conduct qualitative and quantitative surveys to support marketing programs, LRTP/M2 Ten-Year Review, and other planning studies - Q4	August 8 - September 18, 2023 - conducted OC Transportation Demand Management study survey; October 8 - November 17, 2023 - conducted OC Transit Vision Survey; November 6 - December 22, 2023 - conducted OC Connect Survey. February 2024 - anticipated to conduct Ten-Year Review quantitative survey.				
28.	Marketing Activities	Promote and Educate Public on OCTA Services	Develop campaigns and programs to promote the Making Better Connections Bus Service Plan and other activities - Q4	January 2023 - continued customer communications program and marketing campaign in preparation of first phase of changes (implemented in February 2023); November 2023 - continued distributing pertinent information to educate the public on future rollout of improvements in response to changes in demand and resource availability, with public outreach continuing into 2024 with the remainder of the rollout of the Making Better Connections plan.				
29.	Marketing Activities*	Promote and Educate Public on OCTA Services	Present biannual updates on ongoing campaigns promoting bus, rail, OC Flex, rideshare, and vanpool services to L&C - Q2 and Q4	February 16, 2023 - presented update to L&C as carryover from November 2022; July 20 and November 16, 2023 - presented biannual updates to L&C.				

\*2022 Carryover

COMPLETED	ON TRACK	TIMETABLE ADJUSTED	CARRYOVER
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## Q4 (Continued)

#	Project/Program	Objective	Milestone	Notes	Q1	Q2	Q3	Q4
30.	Outreach Activities	Conduct Outreach to Support Capital Projects	Provide quarterly I-405 and OC Streetcar outreach updates, as well as I-5 south and SR-55, and other projects to Board - Q1-Q4	January 23, August 14, and October 23, 2023 - presented OC Streetcar updates to Board; February 13, June 12, September 25, October 23, November 27, and December 11, 2023 - presented I-405 Project updates to Board; May 22, 2023 - presented I-5 (SR-73 to El Toro Road) Project update to Board; August 14, 2023 - presented SR-55 (I-405 to I-5) update to Board.				
31.	Outreach Activities	Conduct Outreach to Support Planning Studies	Provide outreach updates for planning studies, including the LRTP, South Orange County Rail Station Feasibility Study, and others as appropriate to Board - Q1-Q4	February 13, 2023 - presented LRTP update to Board; May 8, 2023 - presented final LRTP staff report to Board; September 25, 2023 - presented South Orange County Rail Station Feasibility Study as part of an update on transportation projects in south Orange County to Board.			Early Complete	
32.	2023 Congestion Management Program (CMP) Report	Report on the CMP Status and Local Jurisdiction Compliance	Adopt CMP report and submit to SCAG - Q4	November 13, 2023 - presented to Board for adoption; submitted to SCAG following adoption.				
33.	2024 State Transportation Improvement Program (STIP)	Maximize State Funding Opportunities	Present the 2024 STIP proposal to Board for approval - Q4	October 9, 2023 - presented to Board.				
34.	Active Transportation Initiatives	Implement Programs in Support of Non-Motorized Transportation	Provide biannual updates on active transportation initiatives to Board - Q2 and Q4	June 26, 2023 - presented first biannual update to Board; December 11, 2023 - presented second biannual update to Board.				

COMPLETED

ON TRACK

TIMETABLE ADJUSTED

CARRYOVER

## Q4 (Continued)

#	Project/Program	Objective	Milestone	Notes	Q1	Q2	Q3	Q4
35.	Bus Base Charge Ready Infrastructure Plan	Evaluate Charging Infrastructure Needs and Facilities for ZEB Rollout Plan	Present update to ESC - Q4	Due to unforeseen scheduling challenges and setbacks with the battery-electric bus infrastructure, such as prolonged delays by the utility, this has been delayed and will be carried over to Q2 of 2024.				
36.	Climate Adaptation and Sustainability Plan (CASP)	Advance Agency Sustainability Practices and Resiliency Efforts to Adapt to Climate Change Impacts	Present update on final CASP development to ESC - Q4	April 2023 - provided update to division leads; December 11, 2023 - presented update to Board.				
37.	Community Circulators and Shuttles (Project V)	Fund Development of Local Bus Transit Services	Solicit letters of interest for a Project V call for projects - Q4	April 11, 2023 - sent solicitation to local agencies (17 responses were received) and shared with the Board.		Early Complete		
38.	Complete Streets Funding Program	Develop Funding Approach for Bicycle and Pedestrian Projects that Reduce Traffic Congestion and Improve Air Quality	Update guidelines and present to ESC - Q4	August 14, 2023 - presented updated guidelines to Board.			Early Complete	
39.	E-Bicycles (E-Bike) Safety Plan	Define Approach for E-Bike Use and Safety	Coordinate with local partners to develop best practices for consideration in the development of local E-bike policies - Q4	August 2023 - initiated development of the E-Bike Safety Plan. Coordination with local partners is ongoing and will continue until the completion of the plan, which is anticipated by December 2024.				
40.	M2 Environmental Cleanup Program	Fund Water Quality Improvements	Present programming recommendations for Tier 1 water quality projects (Project X) grant awards to Board - Q4	August 14, 2023 - presented programming recommendations to Board.			Early Complete	
41.	M2 Environmental Mitigation Programs	Ensure Comprehensive Freeway Program Mitigation	Present biannual progress reports to Board - Q2 and Q4	June 12, 2023 - presented first biannual update to Board; December 11, 2023 - presented second biannual update to Board.				

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ON TRACK

TIMETABLE ADJUSTED

CARRYOVER

## Q4 (Continued)

#	Project/Program	Objective	Milestone	Notes	Q1	Q2	Q3	Q4
42.	M2 Quarterly Reports	Provide Updates on Progress of M2 Implementation and Fulfill the Requirements of the M2 Ordinance No. 3	Present quarterly reports to Board - Q1-Q4	March 13, 2023 - presented FY 2022-23 Q2 report to Board; June 12, 2023 - presented FY 2022-23 Q3 report to Board; September 25, 2023 - presented FY 2022-23 Q4 report to Board; and December 11, 2023 - presented FY 2023-24 Q1 report to Board.				
43.	M2 Triennial Performance Assessment	Evaluate the Efficiency, Effectiveness, Economy, and Results of the Agency's Delivery of M2	Present closeout of the 2018-2021 M2 Triennial Performance Assessment Report Recommendations to Board - Q4	July 10, 2023 - presented to Board.			Early Complete	
44.	Making Better Connections Program	Continue to Improve the Quality of Public Transportation	Complete implementation plan and schedule and provide updates to ESC - Q2 and Q4	May 22 and December 12, 2023 - provided updates to ESC.				
45.	Next 10 Delivery Plan	Ensure M2 Delivery Commitment	Review and present status of the Next 10 Delivery Plan deliverables to Board - Q4	November 13, 2023 - presented status of the Next 10 Delivery Plan deliverables to Board.				
46.	OC Streetcar Bus-Rail Interface Study and Fleet Management Plan	Update OC Streetcar Interface and Fleet Management Plans to Ensure Seamless Connection Between OC Streetcar and OC Bus Operations	Present update to ESC - Q4	December 12, 2023 - presented update to ESC.				
47.	On-Board Bus Survey	Determine the Origin and Destination of Transit Trips	Initiate procurement of consultant contract - Q4	July 31, 2023 - issued RFP.			Early Complete	
48.	Regional Planning Activities	Highlight Transportation Planning Activities	Present biannual reports on activities underway that impact OCTA and the Southern California region to Board - Q2 and Q4	May 8 and October 9, 2023 - presented biannual updates to Board.				

COMPLETED

ON TRACK

TIMETABLE ADJUSTED

CARRYOVER

# Acronyms

AAP/EEO - Affirmative Action Plan/Equal Employment Opportunity	L&C - Legislative and Communications Committee
Board - Board of Directors	LRTP - Long-Range Transportation Plan
Caltrans - California Department of Transportation	M2 - Measure M2
CASP - Climate Adaptation and Sustainability Plan	MDA - Management Development Academy
CBP - Comprehensive Business Plan	NTP - Notice to Proceed
CEO - Chief Executive Officer	OCTA - Orange County Transportation Authority
CMP - Congestion Management Program	PTASP - Public Transportation Agency Safety Plan
CNG - Compressed Natural Gas	RCTC - Riverside County Transportation Commission
CPUC - California Public Utilities Commission	RCP - Regional Capacity Program
CSC - Customer Service Center	RFP - Request for Proposals
DCLG - Diverse Community Leaders Group	ROW - Right-of-Way
E-Bike - E-Bicycles	RTSSP - Regional Transportation Signal Synchronization Program
EAM - Enterprise Asset Management	SCAG - Southern California Association of Governments
ECA - Early Career Academy	SR-55 - State Route 55
EIR - Environmental Impact Report	SR-73 - State Route 73
ELC - Express Lanes Connector	SR-91 - State Route 91
ESC - Executive Steering Committee	STIP - State Transportation Improvement Program
FTA - Federal Transit Administration	TSA - Transportation Security Administration
FY - Fiscal Year	TSOC - Transit Security and Operations Center
HRIS - Human Resources Information System	VMT - Vehicle Miles Traveled
I-5 - Interstate 5	ZEB - Zero-Emission Bus
I-405 - Interstate 405	



## **Call to Order**

The December 11, 2023, regular meeting of the Orange County Transportation Authority (OCTA) Board of Directors and affiliated agencies was called to order by Chairman Hernandez at 9:00 a.m. at the OCTA Headquarters, 550 South Main Street, Orange, California.

**Directors Present:** Gene Hernandez, Chairman  
Tam Nguyen, Vice Chairman  
Doug Chaffee  
Jose Diaz  
Andrew Do  
Jon Dumitru  
Jamey Federico  
Brian Goodell  
Patrick Harper  
Michael Hennessey  
Steve Jones  
Fred Jung  
Farrah N. Khan  
Jessie Lopez  
Vicente Sarmiento  
Donald P. Wagner

**Directors Absent:** Katrina Foley

**Staff Present:** Jennifer L. Bergener, Deputy Chief Executive Officer  
Gina Ramirez, Clerk of the Board Specialist, Principal  
Allison Cheshire, Clerk of the Board Specialist, Senior  
James Donich, General Counsel

## **Special Calendar**

### **1. Closed Session**

A Closed Session was held pursuant to Government Code Section 54956.9(d)(1) - Conference with General Counsel - Existing Litigation - Orange County Transportation Authority v. DK-USA, LLC, et al., OCSC Case No. 30-2018-00983763.

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

All Directors were present for this item.

### **2. Salute to Outgoing Orange County Transportation Authority Board of Directors**

Resolutions of Appreciation were presented to outgoing Board Members Jose Diaz, Brian Goodell, Steve Jones, and Jessie Lopez.



**3. Presentation of Resolutions of Appreciation for Employees of the Month**

Resolutions of Appreciation were presented to Graden Alegre, Coach Operator; Phillip Nguyen, Maintenance; and Jeff Mills, Administration; as Employees of the Month for December 2023.

**Consent Calendar (Items 4 through 18)**

**4. Approval of Minutes**

A motion was made by Director Wagner, seconded by Director Jung, and declared passed by those present, to approve the minutes of the November 27, 2023, Orange County Transportation Authority and affiliated agencies' regular meeting.

**5. Conflict of Interest Code and 2023 Annual Statement of Economic Interests Filing**

A motion was made by Director Wagner, seconded by Director Jung, and declared passed by those present, to:

- A. Approve the list of designated positions and disclosure categories subject to the Orange County Transportation Authority's Conflict of Interest Code.
- B. Direct the Clerk of the Board to distribute and monitor the 2023 annual Statement of Economic Interests - Form 700 to Members of the Board of Directors and designated positions, to be filed by April 1, 2024.

**6. 91 Express Lanes Update for the Period Ending - September 30, 2023**

A motion was made by Director Wagner, seconded by Director Jung, and declared passed by those present, to receive and file as an information item.

**7. Approval to Release Request for Proposals for Oversight of Orange County Transportation Authority Express Lanes Roadside Services**

A motion was made by Director Wagner, seconded by Director Jung, and declared passed by those present, to:

- A. Approve the proposed evaluation criteria and weightings for Request for Proposals 3-3010 for selection of a firm to provide oversight of the Orange County Transportation Authority's Express Lanes roadside services in Orange County.
- B. Approve the release of Request for Proposals 3-3010 to select a firm to provide oversight of the Orange County Transportation Authority's Express Lanes roadside services in Orange County for a five-year term, effective April 1, 2024, through March 31, 2029.



**8. First Quarter Fiscal Year 2023-24 Procurement Status Report**

A motion was made by Director Wagner, seconded by Director Jung, and declared passed by those present, to receive and file as an information item.

**9. Orange County Transportation Authority Investment and Debt Programs Report - October 2023**

A motion was made by Director Wagner, seconded by Director Jung, and declared passed by those present, to receive and file as an information item.

**10. Orange County Transportation Authority Climate Adaptation and Sustainability Plan Update**

A motion was made by Director Wagner, seconded by Director Jung, and declared passed by those present, to receive and file as an information item.

**11. Active Transportation Program Biannual Update**

A motion was made by Director Wagner, seconded by Director Jung, and declared passed by those present, to receive and file as an information item.

**12. 2024 Technical Steering Committee Membership**

A motion was made by Director Wagner, seconded by Director Jung, and declared passed by those present, to approve the proposed 2024 Technical Steering Committee membership recommendations.

**13. Cooperative Agreements with the Regional Center of Orange County and My Day Counts, Internal Audit Report No. 24-502**

A motion was made by Director Wagner, seconded by Director Jung, and declared passed by those present, to direct staff to implement the three recommendations provided in the Cooperative Agreements with Regional Center of Orange County and My Day Counts, Internal Audit Report No. 24-502.

**14. Environmental Mitigation Program Endowment Fund Investment Report for September 30, 2023**

A motion was made by Director Wagner, seconded by Director Jung, and declared passed by those present, to receive and file as an information item.



**15. Investigation and Limited Scope Review of Comprehensive Transportation Funding Programs Scope Change for Project No. 20-HBCH-CBT-3960**

A motion was made by Director Wagner, seconded by Director Jung, and declared passed by those present, to direct staff to implement two recommendations provided in the Investigation and Limited Scope Review of Comprehensive Transportation Funding Programs Scope Change for Project No. 20-HBCH-CBT-3960.

**16. Comprehensive Transportation Funding Programs Semi-Annual Review – September 2023**

A motion was made by Director Wagner, seconded by Director Jung, and declared passed by those present, to:

- A. Approve requested adjustments to proposed Comprehensive Transportation Funding Programs projects.
- B. Reaffirm the previously approved scope change for the City of Huntington Beach's Project V-funded Southeastern Ride Share Pilot.

**17. Measure M2 Quarterly Progress Report for the Period of July 2023 through September 2023**

A motion was made by Director Wagner, seconded by Director Jung, and declared passed by those present, to receive and file as an information item.

**18. Measure M2 Environmental Mitigation Program Update**

A motion was made by Director Wagner, seconded by Director Jung, and declared passed by those present, to receive and file as an information item.

**Discussion Items**

**19. Interstate 405 Improvement Project Update**

Jeff Mills, Program Manager, and Kirk Avila, General Manager, Express Lanes Program, provided a report on this item.

**20. Public Comments**

Public comment was received from Paul Hyek.



**21. Chief Executive Officer's Report**

Jennifer L. Bergener, Deputy Chief Executive Officer reported on the following:

- WTS Orange County Scholarship and Leadership Gala
  - Interstate 405 Improvement Project awarded the WTS Innovative Transportation Solutions Award recognized
  - Christina Byrne named Woman of the Year
  - Jeff Mills named Man of the Year
- Stuff-A-Bus Event held Friday, December 8

**22. Directors' Reports**

Director Harper reported that he attended the California Association of Councils of Governments conference on Friday, December 8.

Director Hennessey thanked Directors Goodell and Jones for their service on the F&A Committee.

**23. Adjournment**

The meeting adjourned at 9:37 a.m.

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

**9:00 a.m., on Monday, January 8, 2024**

OCTA Headquarters  
Board Room  
550 South Main Street  
Orange, California

ATTEST:

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Gina Ramirez  
Assistant Clerk of the Board



COMMITTEE TRANSMITTAL

**January 8, 2024**

**To:** Members of the Board of Directors  
**From:** Andrea West, Clerk of the Board *Andrea West*  
**Subject:** Agreement for Seal Coat and Striping at Irvine Construction Circle Bus Base

Transit Committee Meeting of December 14, 2023

**Present:** Directors Do, Jones, Jung, Lopez, Nguyen, and Sarmiento  
**Absent:** None

**Committee Vote**

This item was passed by the Members present.

**Committee Recommendation**

Authorize the Chief Executive Officer to negotiate and execute Agreement No. C-3-2761 between the Orange County Transportation Authority and Prestige Striping Services, Inc., doing business as Prestige Paving Company, the lowest responsive, responsible bidder, in the amount of \$214,206, for the seal coat and striping project at the Irvine Construction Circle Bus Base.



**December 14, 2023**

**To:** Transit Committee

**From:** Darrell E. Johnson, Chief Executive Officer

**Subject:** Agreement for Seal Coat and Striping at Irvine Construction Circle Bus Base

A handwritten signature in blue ink, appearing to read "Darrell Johnson", is written over the "From:" line of the memo.

**Overview**

The Irvine Construction Circle Bus Base needs pavement seal coat and striping in the bus yard to maintain a state of good repair. An invitation for bids was released on September 11, 2023. Bids were received in accordance with procurement procedures for public works projects. Board of Directors' approval is requested to execute the agreement.

**Recommendation**

Authorize the Chief Executive Officer to negotiate and execute Agreement No. C-3-2761 between the Orange County Transportation Authority and Prestige Striping Services, Inc., doing business as Prestige Paving Company, the lowest responsive, responsible bidder, in the amount of \$214,206, for the seal coat and striping project at the Irvine Construction Circle Bus Base.

**Discussion**

The Orange County Transportation Authority (OCTA) purchased the Irvine Construction Circle Bus Base from Laidlaw Transportation (Laidlaw) in 2006. Transportation facilities on the property were originally constructed for Laidlaw in 2000. The Irvine Construction Circle Bus Base is currently used solely by OCTA's contract operator for the daily operation and maintenance of the OC ACCESS service. Asphalt pavement maintenance is necessary every five to seven years to prolong the life of the asphalt pavement, enhance parking safety, and to maintain a state of good repair. Based on a recent assessment, the Irvine Construction Circle Bus Base is in need of asphalt pavement crack filling, seal coat, and new painted stripe markings in the bus yard.

***Procurement Approach***

This procurement was handled in accordance with OCTA’s Board of Directors (Board)-approved procedures for public works projects. These procedures, which conform to both federal and state requirements, require contracts to be awarded to the lowest responsive, responsible bidder after a sealed bidding process.

Invitation for Bids (IFB) 3-2761 was released on September 11, 2023, through OCTA’s CAMM NET system. The project was advertised on September 11 and September 18, 2023, in a newspaper of general circulation. A pre-bid conference was held on September 19, 2023, and was attended by three firms. Two addenda were issued to provide the pre-bid conference registration sheet and presentation, as well as to handle administrative issues related to the IFB. On October 9, 2023, two bids were received and publicly opened.

All bids were reviewed by staff from both the Contracts Administration and Materials Management and Facilities Engineering departments to ensure compliance with the contract terms and conditions and technical specifications. The list of bidders and bid amounts are presented below:

<u>Firm and Location</u>	<u>Bid Amount</u>
Prestige Striping Services, Inc., doing business as Prestige Paving Company (Prestige) Corona, California	\$214,206
Century Paving, Inc. La Mirada, California	\$278,415

The OCTA engineer’s estimate for the project was \$135,000. The recommended firm’s bid is 59 percent higher than the OCTA engineer’s estimate and is considered by staff to be reasonable and acceptable due to the current unstable, unpredictable, and fluctuating oil prices, which affects the price of seal coat material.

State law requires award to the lowest responsive, responsible bidder. As such, staff recommends award to Prestige, the lowest responsive, responsible bidder, in the amount of \$214,206, for the seal coat and striping project at the Irvine Construction Circle Bus Base.

**Fiscal Impact**

The project was approved in OCTA's Fiscal Year 2023-24 Budget, Capital Programs Division, Account No. 1722-7611-D3120-TX3, and is funded through Federal Transit Administration 5337 State of Good Repair Formula grant funds, Revenue Account No. 0030-6049-D3120-MNK.

**Summary**

Staff recommends the Board of Directors authorize the Chief Executive Officer to negotiate and execute Agreement No. C-3-2761 between the Orange County Transportation Authority and Prestige Striping Services, Inc., doing business as Prestige Paving Company, the lowest responsive, responsible bidder, in the amount of \$214,206, for the seal coat and striping project at the Irvine Construction Circle Bus Base.

**Attachment**

None.

**Prepared by:**



George Olivo, P.E.  
Program Manager  
(714) 560-5872

**Approved by:**



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



Pia Veerapen  
Director, Contracts Administration and  
Materials Management  
(714) 560-5619



COMMITTEE TRANSMITTAL

**January 8, 2024**

**To:** Members of the Board of Directors  
**From:** Andrea West, Clerk of the Board *Andrea West*  
**Subject:** Agreement for Concrete Repairs at Irvine Sand Canyon Bus Base and Newport Transportation Center

Transit Committee Meeting of December 14, 2023

**Present:** Directors Do, Jones, Jung, Lopez, Nguyen, and Sarmiento  
**Absent:** None

**Committee Vote**

This item was passed by the Members present.

**Committee Recommendations**

- A. Find CT&T Concrete Paving, Inc., the apparent low bidder, as non-responsive due to failure to meet the federal requirement for Disadvantaged Business Enterprise participation.
- B. Authorize the Chief Executive Officer to negotiate and execute Agreement No. C-3-2755 between the Orange County Transportation Authority and Falkon Construction Inc., the lowest responsive, responsible bidder, in an amount of \$841,820, for the concrete repairs at the Irvine Sand Canyon Bus Base and the Newport Transportation Center.



**December 14, 2023**

**To:** Transit Committee

**From:** Darrell E. Johnson, Chief Executive Officer

**Subject:** Agreement for Concrete Repairs at Irvine Sand Canyon Bus Base and Newport Transportation Center

A handwritten signature in blue ink, appearing to read "Darrell E. Johnson", is positioned to the right of the "From:" field.

### **Overview**

The Irvine Sand Canyon Bus Base and the Newport Transportation Center require concrete repairs in the bus yard and bus drive areas to maintain a state of good repair. An invitation for bids was released on September 18, 2023. Bids were received in accordance with Board of Directors-approved public works procurement procedures. Board of Directors' approval is requested to execute the agreement.

### **Recommendations**

- A. Find CT&T Concrete Paving, Inc., the apparent low bidder, as non-responsive due to failure to meet the federal requirement for Disadvantaged Business Enterprise participation.
- B. Authorize the Chief Executive Officer to negotiate and execute Agreement No. C-3-2755 between the Orange County Transportation Authority and Falkon Construction Inc., the lowest responsive, responsible bidder, in an amount of \$841,820, for the concrete repairs at the Irvine Sand Canyon Bus Base and the Newport Transportation Center.

### **Discussion**

The Orange County Transportation Authority (OCTA) completed construction of the Irvine Sand Canyon Bus Base and the Newport Transportation Center in 1977 and 1989, respectively. Periodic concrete pavement repairs are necessary to maintain a state of good repair. Based on a recent assessment, several areas of concrete pavement at the Irvine Sand Canyon Bus Base and Newport Transportation Center in the bus yard and bus drive areas need to be replaced.

***Procurement Approach***

This procurement was handled in accordance with OCTA’s Board of Directors-approved procedures for public works projects. These procedures, which conform to both state and federal requirements, require that contracts be awarded to the lowest responsive, responsible bidder after a sealed bidding process.

Invitation for Bids (IFB) 3-2755 was released on September 18, 2023, through OCTA’s CAMM NET system. The project was also advertised on September 18 and September 25, 2023, in a newspaper of general circulation. A pre-bid conference and job walk was held on September 27, 2023, and was attended by nine firms. Three addenda were issued to make available the pre-bid conference registration sheets and handle administrative issues related to the IFB. On October 23, 2023, five bids were received and publicly opened.

All bids were reviewed by staff from OCTA’s Contracts Administration and Materials Management and Facilities Engineering departments to ensure compliance with contract terms and conditions, and technical specifications. The list of bidders and bid amounts are presented below:

<u>Firm and Location</u>	<u>Bid Amount</u>
CT&T Concrete Paving, Inc. Diamond Bar, California	\$781,258
Falkon Construction, Inc. Diamond Bar, California	\$841,820
A2Z Construct, Inc. Rancho Santa Margarita, California	\$850,000
Golden Gate Steel, Inc., doing business as Golden Gate Construction Norwalk, California	\$923,120
Vicon Enterprise Anaheim, California	\$955,500

The apparent low bidder, CT&T Concrete Paving, Inc., (CT&T) was found non-responsive due to failure to meet the federal requirement for Disadvantaged Business Enterprise participation and did not demonstrate adequate good faith

efforts (GFE) as required by the United States Department of Transportation regulations, which is providing funding for this project.

The OCTA engineer's estimate for this project was \$741,000. The recommended firm's bid is 13.6 percent higher than the engineer's estimate. A bid analysis was completed to confirm that the bid submitted accounts for all elements of the scope of work and technical specifications. The increase over the engineer's estimate is attributed to risk of fluctuations in gas prices effecting material delivery prices and mitigation against risk of inflation during the construction phase, therefore the bid amount was determined to be fair and reasonable.

State law requires award to the lowest responsive, responsible bidder. As such, staff recommends award to Falcon Construction, Inc., the lowest responsive, responsible, bidder, in the amount of \$841,820, for concrete repairs at the Irvine Sand Canyon Bus Base and Newport Transportation Center.

#### Fiscal Impact

The project was approved in OCTA's Fiscal Year 2023-24 Budget, Capital Programs Division, Account No. 1722-7611-D3120-TX7, and is funded through Federal Transit Administration 5337 State of Good Repair Formula grant funds, Revenue Account No. 0030-6049-D3120-MNK.

#### **Summary**

Staff recommends the Board of Directors authorize the Chief Executive Officer to negotiate and execute Agreement No. C-3-2755 between the Orange County Transportation Authority and Falcon Construction, Inc., the lowest responsive, responsible bidder, in the amount of \$841,820, for concrete repairs at the Irvine Sand Canyon Bus Base and Newport Transportation Center.

***Attachment***

None.

**Prepared by:**



George Olivo  
Program Manager, Rail & Facilities  
(714) 560-5872

**Approved by:**



Jim Beil  
Executive Director, Capital Programs  
(714) 560-5646



Pia Veesapen  
Director, Contracts Administration and  
Materials Management  
(714) 560-5619



COMMITTEE TRANSMITTAL

**January 8, 2024**

**To:** Members of the Board of Directors  
**From:** Andrea West, Clerk of the Board *Andrea West*  
**Subject:** Award of Sole Source Agreement for the Purchase of Trapeze Itinerary Planning Assistant Solution

Transit Committee Meeting of December 14, 2023

**Present:** Directors Do, Jones, Jung, Lopez, Nguyen, and Sarmiento  
**Absent:** None

**Committee Vote**

This item was passed by the Members present.

**Committee Recommendation**

Authorize the Chief Executive Officer to negotiate and execute sole source Agreement No. C-3-2884 between the Orange County Transportation Authority and Trapeze Software Group, Inc., in the amount of \$108,543, for the purchase of the Trapeze PASS-Itinerary Planning Assistant software for a one-year term.



**December 14, 2023**

**To:** Transit Committee

**From:** Darrell E. Johnson, Chief Executive Officer

A handwritten signature in blue ink, appearing to read "Darrell Johnson", is placed over the name in the "From:" field.

**Subject:** Agreement for Concrete Repairs at Irvine Sand Canyon Bus Base and Newport Transportation Center

### **Overview**

The Irvine Sand Canyon Bus Base and the Newport Transportation Center require concrete repairs in the bus yard and bus drive areas to maintain a state of good repair. An invitation for bids was released on September 18, 2023. Bids were received in accordance with Board of Directors-approved public works procurement procedures. Board of Directors' approval is requested to execute the agreement.

### **Recommendations**

- A. Find CT&T Concrete Paving, Inc., the apparent low bidder, as non-responsive due to failure to meet the federal requirement for Disadvantaged Business Enterprise participation.
- B. Authorize the Chief Executive Officer to negotiate and execute Agreement No. C-3-2755 between the Orange County Transportation Authority and Falkon Construction Inc., the lowest responsive, responsible bidder, in an amount of \$841,820, for the concrete repairs at the Irvine Sand Canyon Bus Base and the Newport Transportation Center.

### **Discussion**

The Orange County Transportation Authority (OCTA) completed construction of the Irvine Sand Canyon Bus Base and the Newport Transportation Center in 1977 and 1989, respectively. Periodic concrete pavement repairs are necessary to maintain a state of good repair. Based on a recent assessment, several areas of concrete pavement at the Irvine Sand Canyon Bus Base and Newport Transportation Center in the bus yard and bus drive areas need to be replaced.

***Procurement Approach***

This procurement was handled in accordance with OCTA’s Board of Directors-approved procedures for public works projects. These procedures, which conform to both state and federal requirements, require that contracts be awarded to the lowest responsive, responsible bidder after a sealed bidding process.

Invitation for Bids (IFB) 3-2755 was released on September 18, 2023, through OCTA’s CAMM NET system. The project was also advertised on September 18 and September 25, 2023, in a newspaper of general circulation. A pre-bid conference and job walk was held on September 27, 2023, and was attended by nine firms. Three addenda were issued to make available the pre-bid conference registration sheets and handle administrative issues related to the IFB. On October 23, 2023, five bids were received and publicly opened.

All bids were reviewed by staff from OCTA’s Contracts Administration and Materials Management and Facilities Engineering departments to ensure compliance with contract terms and conditions, and technical specifications. The list of bidders and bid amounts are presented below:

<u>Firm and Location</u>	<u>Bid Amount</u>
CT&T Concrete Paving, Inc. Diamond Bar, California	\$781,258
Falkon Construction, Inc. Diamond Bar, California	\$841,820
A2Z Construct, Inc. Rancho Santa Margarita, California	\$850,000
Golden Gate Steel, Inc., doing business as Golden Gate Construction Norwalk, California	\$923,120
Vicon Enterprise Anaheim, California	\$955,500

The apparent low bidder, CT&T Concrete Paving, Inc., (CT&T) was found non-responsive due to failure to meet the federal requirement for Disadvantaged Business Enterprise participation and did not demonstrate adequate good faith

efforts (GFE) as required by the United States Department of Transportation regulations, which is providing funding for this project.

The OCTA engineer's estimate for this project was \$741,000. The recommended firm's bid is 13.6 percent higher than the engineer's estimate. A bid analysis was completed to confirm that the bid submitted accounts for all elements of the scope of work and technical specifications. The increase over the engineer's estimate is attributed to risk of fluctuations in gas prices effecting material delivery prices and mitigation against risk of inflation during the construction phase, therefore the bid amount was determined to be fair and reasonable.

State law requires award to the lowest responsive, responsible bidder. As such, staff recommends award to Falcon Construction, Inc., the lowest responsive, responsible, bidder, in the amount of \$841,820, for concrete repairs at the Irvine Sand Canyon Bus Base and Newport Transportation Center.

#### Fiscal Impact

The project was approved in OCTA's Fiscal Year 2023-24 Budget, Capital Programs Division, Account No. 1722-7611-D3120-TX7, and is funded through Federal Transit Administration 5337 State of Good Repair Formula grant funds, Revenue Account No. 0030-6049-D3120-MNK.

#### **Summary**

Staff recommends the Board of Directors authorize the Chief Executive Officer to negotiate and execute Agreement No. C-3-2755 between the Orange County Transportation Authority and Falcon Construction, Inc., the lowest responsive, responsible bidder, in the amount of \$841,820, for concrete repairs at the Irvine Sand Canyon Bus Base and Newport Transportation Center.

***Attachment***

None.

**Prepared by:**



George Olivo  
Program Manager, Rail & Facilities  
(714) 560-5872

**Approved by:**



Jim Beil  
Executive Director, Capital Programs  
(714) 560-5646



Pia Veesapen  
Director, Contracts Administration and  
Materials Management  
(714) 560-5619



COMMITTEE TRANSMITTAL

**January 8, 2024**

**To:** Members of the Board of Directors

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

**Subject:** February 2024 Bus Service Change

Transit Committee Meeting of December 14, 2023

**Present:** Directors Do, Jones, Jung, Lopez, Nguyen, and Sarmiento

**Absent:** None

**Committee Vote**

This item was passed by the Members present.

**Committee Recommendation**

Receive and file as an information item.



**December 14, 2023**

**To:** Transit Committee

**From:** Darrell E. Johnson, Chief Executive Officer

A handwritten signature in blue ink, appearing to read "DEJ", with the word "For" written in smaller letters above it.

**Subject:** February 2024 Bus Service Change

### **Overview**

The proposed February 2024 bus service change consists of the implementation of minor adjustments in response to customer comments and operator feedback. The upcoming changes are consistent with the regular service change process.

### **Recommendation**

Receive and file as an information item.

### **Background**

The Orange County Transportation Authority (OCTA) generally implements regular schedule and route revisions to selected OC Bus routes up to four times a year (February, May, August, and November). The proposed bus service changes discussed herein are scheduled for implementation on February 11, 2024.

### **Discussion**

Since the initial state emergency declaration due to the coronavirus in March 2020, OCTA has made numerous adjustments to bus service. These changes have been implemented strategically to support ridership trends, requests from customers and coach operators, and changes in travel behavior and traffic conditions.

The proposed changes for the February 2024 service change will focus on improvements to service quality and reliability. This service change will result in on-time performance improvements on routes 35, 43, 55, and 71, the conversion of two existing short-turn trips into longer trips on routes 42 and 47, and a layover adjustment on Route 56 so that all weekday trips end at the same location. No realignment or discontinuation of bus routes are included in this service change. The recommendations are detailed in Attachment A and represented in Attachment B.

The proposed changes will result in a minor increase bus service levels (plus 1.2 revenue hours per day or 314 additional revenue hours annually). System-wide service levels will remain at about 1.47 million annual revenue vehicle hours.

***Summary***

The proposed February 2024 bus service change will result in minor adjustments to OC Bus service. These adjustments include improvements to service quality and reliability. Customers will be notified of the changes three weeks prior to implementation.

***Attachments***

- A. February 2024 Service Change: Bus Route Recommendations
- B. February 2024 Service Change: Bus Route Recommendations

**Prepared by:**



Eric Hoch  
Transportation Analyst, Sr.  
(714) 560-5830

**Approved by:**



Kia Mortazavi  
Executive Director, Planning  
(714) 560-5741

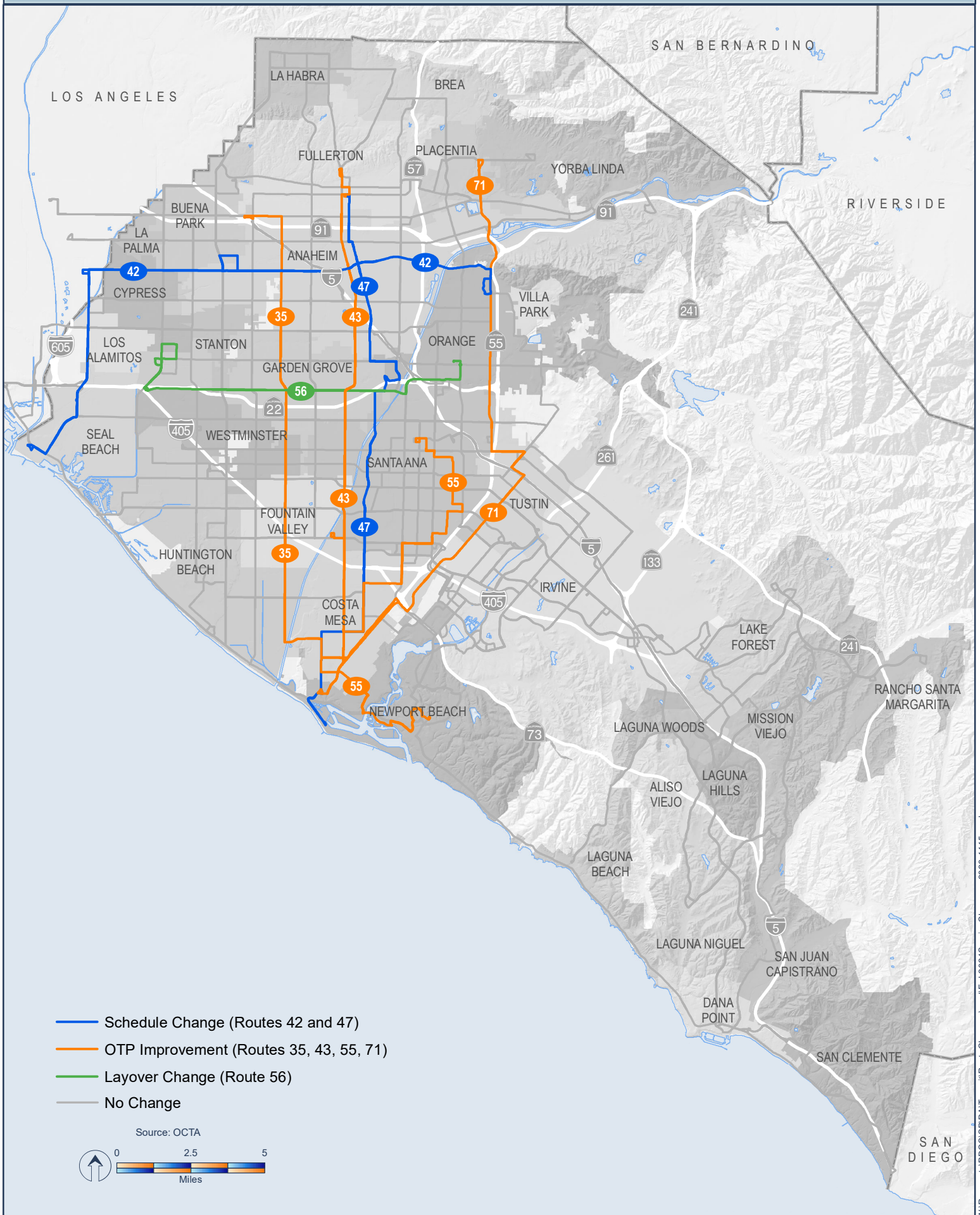
February 2024 Service Change: Bus Route Recommendations		CHANGE IN SERVICE LEVELS				
		WKD RVH	SAT RVH	SUN RVH	Annual RVH	Peak Vehicles
35	Improve OTP	(0.05)	-	-	(12.75)	-
42	Extend first weekday EB short trip at 5:08am to begin at the City of Seal Beach	0.43	-	-	109.65	-
43	Improve OTP	0.08	-	-	20.40	-
47	Extend first weekday SB short trip at 4:45am to begin at the Fullerton Transportation Center	0.53	-	-	135.15	-
55	Improve OTP	0.22	-	-	56.10	-
56	All trips will layover at Belgrave Avenue & Valley View Street on weekdays	0.02	-	-	5.10	-
71	Improve OTP	-	-	-	-	-
<b>Total</b>		<b>1.23</b>	<b>-</b>	<b>-</b>	<b>313.65</b>	<b>-</b>

**Acronyms**

- EB - Eastbound
- OTP - On-time performance
- RVH - Revenue vehicle hour
- SAT- Saturday
- SB - Southbound
- SUN - Sunday
- WKD - Weekday

# February 2024 Service Change: Bus Route Recommendations

ATTACHMENT B





COMMITTEE TRANSMITTAL

**January 8, 2024**

**To:** Members of the Board of Directors  
**From:** Andrea West, Clerk of the Board *Andrea West*  
**Subject:** Contract Change Orders for the Construction of the OC Streetcar Project

Transit Committee Meeting of December 14, 2023

**Present:** Directors Do, Jones, Jung, Lopez, Nguyen, and Sarmiento  
**Absent:** None

**Committee Vote**

This item was passed by the Members present.

**Committee Recommendations**

- A. Authorize the Chief Executive Officer to negotiate and execute Contract Change Order No. 77.3 to Agreement No. C-7-1904 with Walsh Construction Company II, LLC, in the amount of \$1,300,000, for pavement modifications and restoration along embedded tracks and grade crossings.
- B. Authorize the Chief Executive Officer to negotiate and execute Contract Change Order No. 150.2 to Agreement No. C-7-1904 with Walsh Construction Company II, LLC, in the amount of \$250,000, for Fourth Street extended work hours additional funding.
- C. Authorize the Chief Executive Officer to negotiate and execute Contract Change Order No. 173.1 to Agreement No. C-7-1904 with Walsh Construction Company II, LLC, in the amount of \$123,643, for buried overhead contact system pole grounding.
- D. Authorize the Chief Executive Officer to negotiate and execute Contract Change Order No. 195.3 to Agreement No. C-7-1904 with Walsh Construction Company II, LLC, in the amount of \$535,000, for schedule impacts associated with time impact evaluation 12.



- E. Authorize the Chief Executive Officer to negotiate and execute Contract Change Order No. 196 to Agreement No. C-7-1904 with Walsh Construction Company II, LLC, in the amount of \$600,000, for shore power at the maintenance and storage facility.
  
- F. Authorize the Chief Executive Officer to negotiate and execute Contract Change Order No. 201.1 to Agreement No. C-7-1904 with Walsh Construction Company II, LLC, in the amount of \$123,039, for intumescent fireproof coating on structural steel at the maintenance and storage facility.



**December 14, 2023**

**To:** Transit Committee

**From:** Darrell E. Johnson, Chief Executive Officer

A handwritten signature in blue ink, appearing to read "Darrell E. Johnson", is written over the "From:" line of the memo.

**Subject:** Contract Change Orders for Construction of the OC Streetcar Project

**Overview**

On September 24, 2018, the Orange County Transportation Authority Board of Directors authorized Agreement No. C-7-1904 with Walsh Construction Company II, LLC, for construction of the OC Streetcar project. Contract change orders are required for work to address pavement modifications and restoration along embedded tracks and grade crossings, Fourth Street extended work hours additional funding, buried overhead contact system pole grounding, schedule impacts associated with time impact evaluation 12, shore power at the maintenance and storage facility, and intumescent fireproof coating on structural steel at the maintenance and storage facility.

**Recommendations**

- A. Authorize the Chief Executive Officer to negotiate and execute Contract Change Order No. 77.3 to Agreement No. C-7-1904 with Walsh Construction Company II, LLC, in the amount of \$1,300,000, for pavement modifications and restoration along embedded tracks and grade crossings.
- B. Authorize the Chief Executive Officer to negotiate and execute Contract Change Order No. 150.2 to Agreement No. C-7-1904 with Walsh Construction Company II, LLC, in the amount of \$250,000, for Fourth Street extended work hours additional funding.
- C. Authorize the Chief Executive Officer to negotiate and execute Contract Change Order No. 173.1 to Agreement No. C-7-1904 with Walsh Construction Company II, LLC, in the amount of \$123,643, for buried overhead contact system pole grounding.

- D. Authorize the Chief Executive Officer to negotiate and execute Contract Change Order No. 195.3 to Agreement No. C-7-1904 with Walsh Construction Company II, LLC, in the amount of \$535,000, for schedule impacts associated with time impact evaluation 12.
- E. Authorize the Chief Executive Officer to negotiate and execute Contract Change Order No. 196 to Agreement No. C-7-1904 with Walsh Construction Company II, LLC, in the amount of \$600,000, for shore power at the maintenance and storage facility.
- F. Authorize the Chief Executive Officer to negotiate and execute Contract Change Order No. 201.1 to Agreement No. C-7-1904 with Walsh Construction Company II, LLC, in the amount of \$123,039, for intumescent fireproof coating on structural steel at the maintenance and storage facility.

***Discussion***

On September 24, 2018, the Orange County Transportation Authority (OCTA) Board of Directors (Board) awarded the contract to construct the OC Streetcar project (Project) to Walsh Construction Company II, LLC (Walsh). The Notice to Proceed with construction was issued to Walsh on March 4, 2019. Since then, the Project has progressed with several construction activities continuing to advance in all segments, as shown in Attachment A.

Construction is approximately 80 percent complete. Construction milestones include the substantial completion of the Santa Ana River and Westminster Avenue bridges with the placement of concrete plinths and rails. Fairview Street and Fifth Street at-grade crossings are completed with train warning and gate systems installed but not activated. In the Pacific Electric Right-of-Way portion of the alignment, fence installation is ongoing. At the maintenance and storage facility, key activities near completion include installation of exterior walls, conduit and piping, roofing material, girder painting, heating, ventilation, air conditioning, and yard tracks.

A project milestone was achieved in October 2023 when the last of the overhead contact system (OCS) poles were installed. Another project milestone was achieved in September 2023 when the remaining embedded tracks were installed at the Santa Ana Boulevard and Santiago Street intersection. This represents 100 percent of embedded tracks installed in Segments 2, 3, 4, and 5.

Other ongoing construction activities include placement of new traffic signal poles at various street intersections, installation of OCS hardware, service connections for the four traction power substations, sidewalk restoration, and station platform improvements.

For the benefit of the Project and to mitigate potential damages from delays, staff is requesting Board authorization of the following contract change orders (CCO).

#### **Pavement Modifications and Restoration Along Embedded Tracks and Grade Crossings**

Grade differentials were encountered between the existing street pavement and the embedded tracks along Santa Ana Boulevard, including at street intersections and grade crossings at Fairview Street and Fifth Street. This required substantial pavement grinding adjacent to the embedded tracks and grade crossings, and repaving to provide a smooth transition and accommodate surface drainage. To advance the Project without further delay, CCO No. 77, in the amount of \$208,000, was issued. Supplemental CCOs No. 77.1 and 77.2, in the amounts of \$400,000 and \$480,000, respectively, were previously approved by the Board and issued to Walsh to continue implementing pavement modifications along embedded tracks and grade crossings. The effort to transition into the existing pavement has been more challenging than anticipated due to the pavement elevation differential. This differential was caused by pavement settlement over time and asphalt overlay by the City of Santa Ana maintenance. The current authorized amount is anticipated to be expended by the end of the year. For efforts in Segments 3 and 5, the remaining work includes reconstruction of the full roadway pavement section since grinding would not work due to the large elevation differential. At several locations in Segments 2, 3, 4, and 5, the existing pavement surface deteriorated due to traffic detours and placement of construction equipment. These locations require restoration with pavement grinding in asphalt overlay. To complete the remaining roadway pavement work, supplemental CCO No. 77.3, in the amount of \$1,300,000, is required.

#### **Fourth Street Extended Work Hours Additional Funding**

On February 1, 2022, construction for embedded track began on Fourth Street and immediately after the start of construction, businesses along Fourth Street expressed concerns related to detour signage, safety, pedestrian accessibility, and construction dust and debris. The concerns were shared by various businesses at OCTA Board and Santa Ana City Council meetings. To minimize disruption to local businesses, staff directed Walsh to extend work hours and work on weekends to construct and reopen Fourth Street earlier than planned.

CCO No. 150 and supplemental CCO No. 150.1, in the amounts of \$500,000 and \$800,000 respectively, were previously approved by the Board and issued to Walsh to expedite the work on Fourth Street. The effort was successful and the seven blocks of roadway work was completed and fully opened to the public on November 18, 2022, and before Thanksgiving. Due to late billings by Walsh and their subcontractors, an accounting of the total cost was performed, and it was determined the cost of the extended work hours on Fourth Street exceeded the current change order amount. Supplemental CCO No. 150.2, in the amount of \$250,000, is needed to resolve the cost for the Fourth Street work.

#### Buried OCS Pole Grounding

Due to the many elements within the Project that generate electrical currents, additional grounding is needed to ensure public safety. Copper electrical grounding wires are used to carry excess electrical energy away from an electrical circuit and into the ground to safely discharge. The Project has encountered theft of copper wires at several OCS poles where the copper wire exits the pole base and enters the ground. To prevent the ongoing theft, it was determined that a metal plate will be welded at 100 pole bases to conceal the copper grounding wires. CCO No. 173, in the amount of \$209,500, was initiated to immediately implement this deterrent. Supplemental CCO No. 173.1, in the amount of \$123,643, is required to complete the work.

#### Schedule Impacts Associated with Time Impact Evaluation (TIE) 12

On September 16, 2020, Native American remains were unearthed during project construction at the maintenance and storage facility (MSF). CCO No. 195 was executed to extend the contract completion by 54 days due to delays related to the Native American remains at the MSF. On April 24, 2023, the Board approved a not-to-exceed CCO of \$2 million to be used for the Native American burial memorial and for various bid items that are associated with the delays in TIE 12, including progress schedule, time-related overhead, administration, storage, quality control program, storm water pollution prevention plan implementation and maintenance, automated time lapse camera, and traffic control system. Following negotiations with Walsh, supplemental CCO nos. 195.1 and 195.2, in the amounts of \$1,249,403.38 and \$245,501, respectively, were issued to Walsh for the bid item costs and burial memorial work. The remaining balance from the \$2 million is \$505,095.62. Recently, staff completed another evaluation of TIE 12 and determined that there is an additional 47 days due to delays related to the Native American remains. CCO No. 195.3 is needed to extend the contract completion by 47 days with merited compensation related to various bid items. Utilizing the remaining balance of \$505,095.62, CCO No. 195.3 is in the amount of \$535,000.

#### Shore Power at the MSF

Shore power is an alternative way of providing power for the essential functions during vehicle maintenance without the need to power the OCS. When maintenance crews are inspecting the top of the vehicle or performing other electronic testing/inspections, the electrification to the OCS wires are required to be deactivated for safety. Therefore, shore power is required to provide an alternative energy source for the vehicle. During construction, it was determined that the MSF did not incorporate shore power for the streetcar vehicles. The plug-in shore power requires a long lead time for the various equipment, and CCO No. 196, in the amount of \$600,000, is required to procure the needed equipment and avoid further delays to the construction.

#### Intumescent Fireproof Coating on Structural Steel at the MSF

For fire protection, intumescent fireproof coating is a material used to help retain the structural integrity of steel members by maintaining an effective thermal barrier. At the MSF, the Project contract documents require that structural steel members within critical electrical rooms have fireproof coating. Prior to the placement of the coating, it was determined that structural steel members extend beyond the electrical rooms. Therefore, the required area of coating increased. CCO No. 201, in the amount of \$450,000, was approved by the Board and issued to Walsh to provide additional intumescent fireproof coating. Within the MSF main building, numerous utility hangers are connected to steel members to support utility and communication lines, and heating and air condition ducts. Placing and inspecting the fireproof coating at the connections for the utility hangers required more effort than anticipated. To advance the Project without further delay, supplemental CCO No. 201.1, in the amount of \$123,039, is required.

The CCOs will be paid as a combination of a lump sum and time-and-expense basis to the contractor after labor and equipment quantities are confirmed through daily extra work reports prepared by Walsh and approved by the construction management team. The cost of the work associated with these CCOs will be funded from the project budget as previously approved by the Board on April 24, 2023.

***Procurement Approach***

The initial procurement was handled in accordance with OCTA's Board-approved procedures for public works projects. These procedures, which conform to both federal and state requirements, require that contracts are awarded to the lowest responsive, responsible bidder after a sealed bidding process. On September 24, 2018, the Board authorized Agreement No. C-7-1904 with Walsh, in the amount of \$220,538,649, for construction of the Project.

Proposed CCO nos. 77.3, 150.2, 173.1, 195.3, 196, and 201.1, in the cumulative amount of \$2,931,682, will increase the cumulative value of the contract to \$293,786,253, as shown in Attachment B. Board approval is required for CCO nos. 77.3, 150.2, 173.1, 195.3, 196, and 201.1 pursuant to the State of California Public Contracting Code Section 20142. These CCOs will be issued with a reservation of rights to advance the Project pending resolution of disputes between OCTA and Walsh. The statements in this report are made in the context of, and subject to, OCTA's reservation of rights.

**Fiscal Impact**

The additional work for this Project is included in OCTA's Fiscal Year 2023-24 Budget, Capital Programs Division, account nos. 0051-TS010-9017-Z32, 0051-TS010-9017-Z47, 0051-TS010-9017-Z48, and 0051-TS010-9017-Z54, and is funded with Federal Transit Administration Section 5309 New Starts grant funds and local Measure M2 funds.

***Summary***

Staff recommends the Board of Directors authorize the Chief Executive Officer to negotiate and execute CCO No. 77.3, in the amount of \$1,300,000, for pavement modifications and restoration along embedded tracks and grade crossings, CCO No. 150.2, in the amount of \$250,000, for Fourth Street work additional funding, CCO No. 173.1, in the amount of \$123,643, for buried OCS pole grounding, CCO No. 195.3, in the amount of \$535,000, for schedule impacts associated with TIE 12, CCO No. 196, in the amount of \$600,000, for shore power at the MSF, and CCO No. 201.1, in the amount of \$123,039, for intumescent fireproof coating on structural steel at the MSF to Agreement No. C-7-1904 between the Orange County Transportation Authority and Walsh Construction Company II, LLC for the construction of the Project.

***Attachments***

- A. Project Map
- B. Walsh Construction Company II, LLC, Agreement No. C-7-1904, Contract Change Order (CCO) Log

**Prepared by:**



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**Approved by:**



James G. Beil, P.E.  
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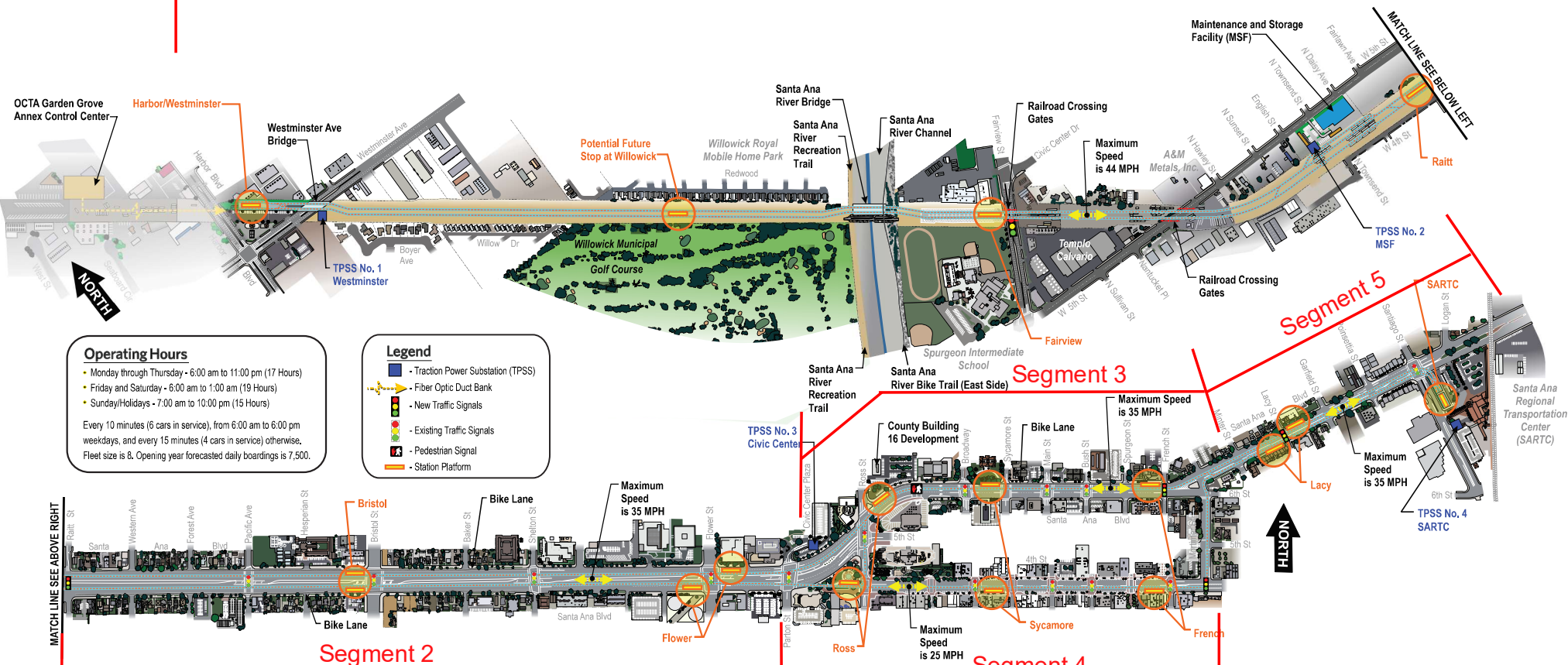


Pia Veesapen  
Director, Contracts Administration and  
Materials Management  
(714) 560-5619



# Project Map

## Segment 1



**Operating Hours**

- Monday through Thursday - 6:00 am to 11:00 pm (17 Hours)
- Friday and Saturday - 6:00 am to 1:00 am (19 Hours)
- Sunday/Holidays - 7:00 am to 10:00 pm (15 Hours)

Every 10 minutes (6 cars in service), from 6:00 am to 6:00 pm weekdays, and every 15 minutes (4 cars in service) otherwise. Fleet size is 8. Opening year forecasted daily boardings is 7,500.

**Legend**

- Traction Power Substation (TPSS)
- Fiber Optic Duct Bank
- 🚦 New Traffic Signals
- 🚦 Existing Traffic Signals
- 🚶 Pedestrian Signal
- 🚏 Station Platform



**Walsh Construction Company II, LLC**  
**Agreement No. C-7-1904**  
**Contract Change Order (CCO) Log**

CCO No.	Title	Status	Date Executed	Cost
1	Maintenance and Storage Facility (MSF) Removals	Approved	6/20/2019	\$199,749.00
1.1	MSF Removals Additional Funding	Approved	6/25/2019	\$113,884.77
1.2	Time Impact Evaluation (TIE) 01 - Schedule Impacts Associated with Change Directive (CD)-001 and CD-003	Approved	6/17/2020	\$0.00
1.3	Schedule Impacts Associated with TIE 01	Approved	10/17/2022	\$2,100,000.00
2	MSF Removal of Additional Hazardous Materials	Approved	6/25/2019	\$200,000.00
2.1	MSF Removal of Additional Hazardous Materials Additional Funding	Approved	8/15/2019	\$160,000.00
3	Removal and Disposal of Contaminated Materials within the Orange County Transit District (OCTD)-Owned Pacific Electric Right-of-Way (PEROW)	Approved	9/12/2019	\$1,600,000.00
3.1	Removal and Disposal of Contaminated Materials Additional Funding	Approved	2/25/2020	\$7,278,795.00
3.2	Removal and Disposal of Contaminated Materials Additional Funding	Approved	10/18/2021	\$1,100,000.00
3.3	Removal and Disposal of Contaminated Materials Additional Funding	Approved	4/18/2023	\$1,500,000.00
4	Work Related to Existing Utility Conflicts	Approved	8/27/2019	\$200,000.00
4.1	Work Related to Existing Utility Conflicts Additional Funding	Approved	2/25/2020	\$833,300.00
4.2	Work Related to Existing Utility Conflicts Additional Funding	Approved	6/9/2020	\$2,426,000.00
4.3	Work Related to Existing Utility Conflicts Additional Funding	Approved	6/21/2021	\$2,000,000.00
4.4	Work Related to Existing Utility Conflicts Additional Funding	Approved	11/19/2021	\$3,500,000.00
5	Tree Trimming and Removal	Approved	6/9/2020	\$129,215.52
5.1	Tree Trimming and Removal Additional Funding	Pending		\$300,000.00
7	Orange County Sanitation District Specifications Revisions	Approved	6/9/2020	\$82,445.00
8	Orange County Flood Control District Maintenance Path Profile Revisions	Approved	6/9/2020	\$6,055.00
9	MSF Vapor Barrier	Approved	12/22/2020	\$395,717.00
10	112 Tram Rail Ultrasonic Testing	Approved	6/10/2020	\$0
11	GPS Priority Control System	Approved	6/9/2020	\$40,120.00
12	Santa Ana River Bridge (SARB) Precast Girders	Approved	8/27/2020	\$88,877.00
13	Retaining Wall 544 Reinforcing Steel	Approved	9/3/2020	\$2,321.30
14	Retaining Wall 508	Approved	12/14/2020	\$125,341.00
15	Utility Relocations for Overhead Contact System (OCS) Pole Foundations and Traffic Signal Pole Foundations	Approved	6/17/2020	\$195,723.00
16	OCS and Traffic Signal Pole Foundations Hand Excavation and Survey	Approved	6/23/2020	\$198,808.00
16.1	OCS, Traffic Signal, and Streetlight Foundation Hand Excavation, Layout and Survey Additional Funding	Approved	6/26/2020	\$1,400,000.00
16.2	OCS, Traffic Signal, and Streetlight Foundation Hand Excavation, Layout and Survey Additional Funding	Approved	4/15/2021	\$1,400,000.00
16.3	OCS, Traffic Signal, and Streetlight Foundation Hand Excavation, Layout and Survey Additional Funding	Approved	5/1/2023	\$250,000.00
17	Westminster Bridge OCS Diaphragm	Approved	10/30/2020	\$1,682.00
18	Remove Buried Man-Made Objects	Approved	11/23/2020	\$300,000.00
18.1	Remove Buried Man-Made Objects Additional Funding	Approved	10/25/2021	\$300,000.00
18.2	Remove Buried Man-Made Objects Additional Funding	Approved	5/1/2023	\$600,000.00
19	Removal of Boulders	Approved	11/17/2020	\$160,000.00
20	Removal of Chain Link Fence	Approved	3/9/2021	\$7,316.90
21	Changes to Turnout Geometry	Approved	10/5/2020	\$0
22	Railroad Crossing Gate Bells	Approved	10/5/2020	\$0
23	SARB, OCS Pole, and OCS Down Guy Diaphragms	Approved	1/19/2021	\$7,419.00
24	OCS Sectionalization – Siemens Portion	Approved	10/5/2020	\$158,941.01
24.1	OCS Sectionalization Additional Funding	Approved	4/27/2021	\$722,253.92
26	Revisions to Station Color Schedule, Glass, and Pylon	Approved	4/19/2021	\$176,419.84
27	Street Lighting	Approved	11/19/2020	\$12,347.91
28	Schedule Impacts Associated with TIE 04 and 07	Approved	12/8/2020	\$0.00
28.1	Schedule Impacts Associated with TIE 07	Approved	10/17/2022	\$1,300,000.00
29	Revision to MSF, Traction Power Substation (TPSS), and OCS Siemens Portion	Approved	11/19/2020	\$34,216.80
29.1	Revision to MSF, TPSS, and OCS Siemens Portion	Approved	6/22/2023	\$209,947.55
30	SARB Pile, Westminster Bridge, and Demonstration Section Electrical Continuity Testing	Approved	2/1/2021	\$23,928.10
30.1	Electrical Continuity Testing Additional Funding	Approved	3/16/2021	\$320,164.40
31	MSF Building and Southern California Edison (SCE) Design Revisions	Approved	1/17/2022	\$207,367.00
32	Asbestos Survey	Approved	2/1/2021	\$25,000.00
35	No Sunshade for Variable Message Sign	Approved	12/22/2020	\$0.00
37	Station Platform Power	Approved	5/18/2021	\$58,414.15
38	Modify OCS Foundation Schedule	Approved	6/15/2021	\$32,733.04
39	OCS Revisions Based on Field Walks	Approved	6/17/2021	\$28,088.32
39.1	Additional Revisions to OCS Hardware	Approved	6/26/2023	\$180,709.28
40	MSF Remote Yard Gates	Approved	11/3/2021	\$32,307.66
40.1	MSF Remote Yard Gates	Pending		\$62,989.67
41	Auxiliary Feeder Pullbox Sizes- Segment 3A	Approved	11/23/2021	\$61,041.24

CCO No.	Title	Status	Date Executed	Cost
42	Department Acceptance Testing for Gamma-Gamma Logging of Cast-In-Drilled-Hole (CIDH) Piles	Approved	10/22/2021	\$35,138.00
43	End of Life Communication Equipment	Approved	5/3/2021	\$372,136.38
44	Design of Temporary Traffic Signals Segment 2A - Stages 1 and 2	Approved	4/26/2021	\$41,967.00
44.1	Design of Temporary Traffic Signals Segment 3A	Approved	11/24/2021	\$50,813.00
44.2	Design of Temporary Traffic Signals and Video Detections	Approved	10/4/2022	\$907,220.00
45	Thickened Asphalt Concrete (AC) Pavement	Approved	1/19/2021	\$60,000.00
46	MSF Video Servers from Garden Grove Bus Annex to MSF	Approved	10/13/2021	\$40,267.30
47	Archaeological Security and Data Recovery at MSF	Approved	1/19/2021	\$110,000.00
47.1	Archaeological Security and Data Recovery at MSF Additional Funding	Approved	5/8/2023	\$98,000.00
48	Thickened AC Pavement	Approved	4/27/2021	\$1,177,362.00
49	Retaining Wall 501 Encroachment	Approved	6/17/2021	\$181,802.77
50	MSF Street and Yard Utility Conflicts	Approved	5/25/2021	\$200,000.00
51	MSF Yard Light Connection Details	Approved	2/17/2023	\$193,803.00
52	Over Excavation of Unsuitable Soils	Approved	6/21/2021	\$209,500.00
52.1	Over Excavation of Unsuitable Soils Additional Funding	Approved	6/21/2021	\$540,000.00
53	SARB Bridge Decking	Approved	6/17/2021	\$9,002.94
54	Revisions to the Traction and Power Substation Site Plan	Approved	5/18/2022	\$1,200,000.00
55	Bid Item 24 - Earthwork Credit	Approved	5/3/2022	(\$659,666.73)
56	Exploratory Potholing Allowance	Approved	4/26/2001	\$200,000.00
56.1	Exploratory Potholing Allowance	Approved	9/8/2021	\$1,100,000.00
56.2	Exploratory Potholing Allowance	Approved	5/8/2023	\$500,000.00
58	Vehicle Platform Tolerances	Approved	12/6/2021	\$0.00
59	Direct Fixation Fasteners	Approved	6/7/2021	\$0.00
60	Base Contract Utility Credits	Approved	5/25/2021	(\$1,842,680.00)
61	Loop Relocation and Block Out	Approved	10/25/2021	\$80,000.00
62	Backfill of OCS Foundations	Approved	11/8/2021	\$200,000.00
63	Graffiti Removal	Approved	5/18/2021	\$100,000.00
64	SCE Meter Switchgear Engineering and Submittal Costs	Approved	5/18/2021	\$17,618.00
64.1	SCE Meter Switchgear Additional Funding	Approved	10/13/2021	\$191,950.00
64.2	SCE Meter Switchgear Additional Funding	Approved	1/19/2022	\$669,573.00
65	Additional Environmental Soil Investigation on West Santa Ana Boulevard/ Bristol Street Station Stop (Stage 1)	Approved	5/18/2021	\$9,840.60
66	Ground Penetrating Radar Investigation	Approved	9/1/2021	\$208,000.00
67	City of Garden Grove Driveway Standard Update	Approved	11/24/2021	\$20,637.83
68	Ross Intersection Traffic Signal Conduit Installation	Approved	6/7/2021	\$18,000.00
69	Optical Backbone Network System Redundancy	Approved	2/25/2022	\$520,582.00
71	Traffic Signal Interconnect	Approved	4/12/2022	\$208,000.00
71.1	Traffic Signal Interconnect Additional Funding	Approved	5/31/2022	\$500,000.00
72	Cathodic Protection at MSF and Car Wash	Pending		\$300,000.00
77	Pavement Modification at Street Intersections	Approved	12/28/2021	\$208,000.00
77.1	Pavement Modifications Along Embedded Tracks and Grade Crossings	Approved	5/3/2022	\$400,000.00
77.2	Pavement Modifications Along Embedded Tracks and Grade Crossings	Approved	9/22/2023	\$480,000.00
77.3	Pavement Modifications and Restoration Along Embedded Tracks and Grade Crossings	Pending		\$1,300,000.00
79	MSF Permit Drawings and Revisions	Approved	6/24/2022	\$3,000,000.00
80	Contract Language Modifications Escrow Documents	Approved	4/12/2022	\$0.00
82	Third-Party Utility Work - Southern California Gas: Expose Abandoned Gas Lines	Approved	6/9/2022	\$100,000.00
82.1	Third-Party Utility Work - AT&T	Approved	6/21/2022	\$108,000.00
83	Additional Storage of Four TPSS Units at Factory	Approved	6/21/2022	\$208,000.00
86	OCS Pole Grounding Conduit Routing at PEROW	Approved	5/24/2022	\$200,000.00
86.1	OCS and Platform Grounding Conduit Additional Funding	Approved	4/18/2023	\$300,000.00
88	Traction Power Sub-Station Grounding Revisions	Approved	6/6/2022	\$209,839.49
89	Equipment and Security Upgrades	Approved	6/22/2022	\$2,200,000.00
90	Contract Language Modifications - Electronic Compliance Auditing Tool Disadvantaged Business Enterprise Reporting	Approved	11/17/2022	\$0.00
91	Customer Information Center Enclosure and Component Modifications	Approved	6/20/2022	\$1,650,000.00
92	Changes to Platform SCE Meter Pedestals	Approved	6/28/2023	\$208,613.05
93	Wheel Turing Pit Modifications	Pending		\$318,486.42
94	Traffic Signal Pole Modifications	Approved	6/22/2022	\$800,000.00
96	Relocate Bumping Posts and Train Signal Cabinet at Harbor Station	Approved	6/22/2022	\$400,000.00
105	Modifications to the Track Slab Detail to Clear Utility Conflicts	Approved	5/18/2023	\$3,500,000.00
108	Traffic Signal and Pedestrian Crossing Equipment Modifications	Pending		\$300,000.00
110	Malcom and Spectrum Utility Concurrent Impacts (Claim 09)	Approved	12/30/2021	\$123,714.20
117	Manual Train Control Override	Approved	4/29/2022	\$208,000.00
117.1	Manual Train Control Override Additional Funding	Approved	6/9/2022	\$700,000.00
118	Added Pedestrian Crossing and Updated City Standard Signage	Pending		\$26,158.00
130	Drainage and Traction Power Underground Conflicts	Approved	10/11/2023	\$138,724.00
131	Impedance Bond Assembly at Embedded Track Slab	Pending		\$82,137.00
133	MSF Western Concrete Masonry Unit Wall Modifications	Approved	1/27/2023	\$208,000.00

