



AGENDA

Regional Planning and Highways Committee Agenda

Committee Members

Joseph Muller, Chairman
Barbara Delgleize, Vice Chair
Lisa A. Bartlett
Doug Chaffee
Katrina Foley
Patrick Harper
Mark A. Murphy

Orange County Transportation Authority
Board Room
550 South Main Street
Orange, California

Monday, October 3, 2022 at 10:30 a.m.

Any person with a disability who requires a modification or accommodation in order to participate in this meeting should contact the OCTA Clerk of the Board 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.

Public Availability of Agenda Materials

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

Meeting Access and Public Comments on Agenda Items

Members of the public can either attend in person (subject to OCTA's Coronavirus (COVID-19) safety protocols) or listen to audio live streaming of the Board and Committee meeting at: [Board of Directors - Live and Archived Audio](#).

Members of the public may address the Board regarding any item two ways:

In Person Comment

Members of the public may attend in person (subject to OCTA's COVID-19 safety protocols) and address the Board regarding any item. Members of the public will be required to complete a COVID-19 symptom and temperature screening.

Please complete a speaker's card and submit it to the Clerk of the Board or notify the Clerk of the Board the item number on which you wish to speak. Speakers will be recognized by the Chairman at the time the agenda item is to be considered. A speaker's comments shall be limited to three minutes.



Written Comment

Written public comments may also be submitted by emailing them to ClerkOffice@octa.net, and must be received no later than **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

Pledge of Allegiance

Director Foley

Special Calendar

There are no Special Calendar matters.

Consent Calendar (Items 1 through 6)

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

1. Approval of Minutes

Recommendation

Approve the minutes of the August 1, 2022, Regional Planning and Highways Committee meeting.

2. Amendment to Agreement for Program Management Consultant Services for the Interstate 405 Improvement Project from State Route 73 to Interstate 605

Jeff Mills/James G. Beil

Overview

On December 10, 2012, the Orange County Transportation Authority selected Parsons Transportation Group, Inc., to provide program management consultant services for the design build delivery of the Interstate 405 Improvement Project from State Route 73 to Interstate 605 for a term of six and a half years. An amendment to the existing agreement is needed to extend the term and provide additional services through the completion and closeout of the Interstate 405 Improvement Project.



Recommendation

Authorize the Chief Executive Officer to negotiate and execute Amendment No. 34 to Agreement No. C-2-1513 between the Orange County Transportation Authority and Parsons Transportation Group, Inc., in the amount of \$5,367,969, for additional program management consultant services for the Interstate 405 Improvement Project from State Route 73 to Interstate 605, and to extend the term of the agreement for an additional 13 months through June 30, 2024. This will increase the maximum cumulative obligation of the agreement to a total contract value of \$138,170,682.

- 3. Amendment to Cooperative Agreement with the Orange County Flood Control District for the Interstate 405 Improvement Project**
Jeff Mills/James G. Beil

Overview

On May 9, 2016, the Orange County Transportation Authority Board of Directors approved Cooperative Agreement No. C-5-3617 with the Orange County Flood Control District for support services for the Interstate 405 Improvement Project. An amendment to the cooperative agreement is required for additional support services.

Recommendation

Authorize the Chief Executive Officer to negotiate and execute Amendment No. 2 to Cooperative Agreement No. C-5-3617 between the Orange County Transportation Authority and the Orange County Flood Control District, in the amount of \$500,000, for additional project support services for the Interstate 405 Improvement Project. This will increase the agreement amount to \$2,000,000.

- 4. Cooperative Agreement with the California Department of Transportation for the Interstate 5 Replacement Planting Project Between State Route 73 and El Toro Road**
Niall Barrett/James G. Beil

Overview

The Orange County Transportation Authority proposes to enter into a cooperative agreement with the California Department of Transportation for the Interstate 5 Replacement Planting Project between State Route 73 and El Toro Road.



Recommendations

- A. Authorize the Chief Executive Officer to negotiate and execute Cooperative Agreement No. C-2-2807 between the Orange County Transportation Authority and the California Department of Transportation, in the amount of \$12,335,000, for the Interstate 5 Replacement Planting Project between State Route 73 and El Toro Road.
- B. Authorize the use of up to \$0.79 million in Surface Transportation Block Grant funds for design services for the Interstate 5 Replacement Planting Project between State Route 73 and El Toro Road in lieu of Measure M2 funding.
- C. Authorize staff to process all necessary amendments to the Federal Transportation Improvement Program and execute or amend all necessary agreements to facilitate the above actions.

5. Amendments to the Master Plan of Arterial Highways
Ivy Hang/Kia Mortazavi

Overview

The Orange County Transportation Authority administers the Master Plan of Arterial Highways, including the review and approval of amendments requested by local agencies. The City of Anaheim has requested an amendment to the Master Plan of Arterial Highways that is recommended for approval. An update on the conditionally approved Master Plan of Arterial Highways amendments is also provided.

Recommendations

- A. Conditionally approve the following amendments to the Master Plan of Arterial Highways for the facilities listed below within the City of Anaheim:
 - 1. Remove Douglass Road, a secondary (four lane, undivided) arterial, between Cerritos Avenue and Katella Avenue from the Master Plan of Arterial Highways network.
 - 2. Remove Cerritos Avenue, a secondary (four lane, undivided) arterial, between Sunkist Street and Douglass Road from the Master Plan of Arterial Highways network.
 - 3. Add River Road as a primary (four lane, divided) arterial from Katella Avenue to Ball Road to the Master Plan of Arterial Highways network.



The proposed amendment will become final, contingent upon the Orange County Transportation Authority receiving documentation that the City of Anaheim has amended its general plan and has complied with the requirements of the California Environmental Quality Act.

If the City of Anaheim does not update its general plan within three years to reflect the Master Plan of Arterial Highways amendment, the contingent approval of this requested amendment will expire but can be returned to the Orange County Transportation Authority Board of Directors for reconsideration and action.

If the original proposed Master Plan of Arterial Highways amendment is modified as a result of the California Environmental Quality Act and/or general plan amendment process, the modified Master Plan of Arterial Highways amendment shall be returned to the Orange County Transportation Authority Board of Directors for consideration and action.

- B. Direct the Executive Director of Planning, or his designee, to file a Notice of Exemption from the California Environmental Quality Act in support of the Master Plan of Arterial Highways amendment.
- C. Receive and file a status report on the active Master Plan of Arterial Highways amendments.

Regular Calendar

There are no Regular Calendar matters.

Discussion Items

- 6. **Directions 2045 – Long-Range Transportation Plan - Board of Directors Workshop Preview**
Greg Nord/Kia Mortazavi

Staff will discuss the upcoming Board of Directors Workshop on the Long-Range Transportation Plan. This will include an overview of topics to be discussed at the workshop, including the Long-Range Transportation Plan. Paths to Success and the proposed Short-Term Action Plan that outlines planning activities to be pursued by the Orange County Transportation Authority over the next few years.



- 7. **Public Comments**
- 8. **Chief Executive Officer's Report**
- 9. **Committee Members' Reports**
- 10. **Closed Session**

There are no Closed Session items scheduled.

- 11. **Adjournment**

The next regularly scheduled meeting of this Committee will be held at **10:30 a.m. on Monday, November 7, 2022**, at the OCTA Headquarters, Board Room, 550 South Main Street, Orange, California.



Committee Members Present

Joseph Muller, Chairman
Barbara Delgleize, Vice Chair
Lisa A. Bartlett
Katrina Foley
Patrick Harper
Mark A. Murphy

Staff Present

Darrell E. Johnson, Chief Executive Officer
Jennifer L. Bergener, Deputy Chief Executive Officer
Allison Cheshire, Clerk of the Board Specialist, Senior
Gina Ramirez, Clerk of the Board Specialist, Senior
Cassie Trapesonian, Assistant General Counsel
OCTA Staff Members

Committee Members Absent

Doug Chaffee

Call to Order

The August 1, 2022, regular Regional Planning and Highways Committee meeting was called to order by Committee Chairman Muller at 10:30 a.m.

Consent Calendar (Items 1 through 9)

1. Approval of Minutes

A motion was made by Director Murphy, seconded by Director Foley, and passed by those present, to approve the minutes of the Regional Planning and Highways Committee meeting of July 1, 2022.

Committee Chairman Muller abstained from voting on this item as he did not attend the meeting.

2. Cooperative Agreement with the California Department of Transportation for the Interstate 5 Improvement Project Between Interstate 405 and Yale Avenue and Authority to Acquire Right-of-Way

A motion was made by Director Murphy, seconded by Director Foley, and passed by those present, to:

- A. Authorize the Chief Executive Officer to negotiate and execute Cooperative Agreement No. C-2-2592 between the Orange County Transportation Authority and the California Department of Transportation, at no cost, to perform right-of-way services for the Interstate 5 Improvement Project between Interstate 405 and Yale Avenue.
- B. Authorize the Chief Executive Officer to initiate discussions with property owners and utility owners, make offers, and execute agreements for the acquisition of all necessary real property interests and necessary utility relocations.



3. Amendment to Cooperative Agreement with the California Department of Transportation for Preparation of the Project Report and Environmental Document for the Interstate 5/EI Toro Road Interchange Project

Director Bartlett pulled this item for an overview of the alternatives.

Rose Casey, Director, Highway Programs, provided an overview of the two remaining alternatives, AA-1 and AA-5.

The Committee requested additional information regarding the alternatives be provided when this item is presented to the Board of Directors.

A motion was made by Director Bartlett, seconded by Committee Vice Chair Delgleize, and passed by those present, to:

- A. Authorize the Chief Executive Officer to negotiate and execute Amendment No. 1 to Cooperative Agreement No. C-6-1262 between the Orange County Transportation Authority and the California Department of Transportation to provide federal funding, which the California Department of Transportation will draw directly, to complete environmental phase services for preparation of the project report and environmental document for the Interstate 5/EI Toro Road Interchange Project.
- B. Authorize the use of up to \$4,813,000 in additional Surface Transportation Block Grant Program funds for the Interstate 5/EI Toro Road Interchange Project.
- C. Authorize the use of up to \$350,000 in additional Measure M2 funds for public outreach efforts for the Interstate 5/EI Toro Road Interchange Project.
- D. Authorize staff to process all necessary amendments to the Federal Transportation Improvement Program and execute or amend all necessary agreements to facilitate the above actions.



4. Amendment to Agreement for Additional Design Services for Interstate 5 Improvement Project Between Yale Avenue and State Route 55

A motion was made by Director Murphy, seconded by Director Foley, and passed by those present, to authorize the Chief Executive Officer to negotiate and execute Amendment No. 1 to Agreement No. C-0-2371 between the Orange County Transportation Authority and TranSystems Corporation, in the amount of \$984,228, for additional design services for the Interstate 5 Improvement Project between Yale Avenue and State Route 55. This will increase the maximum cumulative obligation of the agreement to a total contract value of \$13,458,941.

5. Contract Change Order for the Interstate 405 Improvement Project from State Route 73 to Interstate 605

A motion was made by Director Murphy, seconded by Director Foley, and passed by those present, to authorize the Chief Executive Officer to negotiate and execute Contract Change Order No. 133 to Agreement No. C-5-3843 between the Orange County Transportation Authority and OC 405 Partners, a joint venture, in the amount of \$509,431, to provide additional landscaping at various bridges in the City of Westminster.

6. Agreement for Partial Demolition and Reconstruction Services of a Commercial Building for the State Route 55 Improvement Project Between Interstate 5 and Interstate 405

A motion was made by Director Murphy, seconded by Director Foley, and passed by those present, to authorize the Chief Executive Officer to negotiate and execute Agreement No. C-2-2154 between the Orange County Transportation Authority and Golden Gate Steel, Inc. doing business as Golden Gate Construction, the lowest responsive, responsible bidder, in the amount of \$2,046,700, for partial demolition and reconstruction services of a commercial building for the State Route 55 Improvement Project between Interstate 5 and Interstate 405.



7. Release 2023 Annual Call for Projects for Measure M2 Comprehensive Transportation Funding Programs

A motion was made by Director Murphy, seconded by Director Foley, and passed by those present, to:

- A. Approve proposed revisions to the Comprehensive Transportation Funding Programs guidelines.
- B. Authorize staff to issue the 2023 annual call for projects for the Regional Capacity Program.
- C. Authorize staff to issue the 2023 annual call for projects for the Regional Traffic Signal Synchronization Program.

8. Cooperative Agreements for Regional Traffic Signal Synchronization Program Projects

A motion was made by Director Murphy, seconded by Director Foley, and passed by those present, to:

- A. Authorize the Chief Executive Officer to negotiate and execute Cooperative Agreement No. C-2-2632 between the Orange County Transportation Authority and the cities of Irvine, Laguna Hills, and Lake Forest for the Bake Parkway and Rockfield Boulevard Regional Traffic Signal Synchronization Program Project, with local agency in kind services and cash matching funds totaling \$626,686.
- B. Authorize the Chief Executive Officer to negotiate and execute Cooperative Agreement No. C-2-2633 between the Orange County Transportation Authority and the cities of Dana Point, Laguna Niguel, Mission Viejo, and the County of Orange for the Crown Valley Parkway Regional Traffic Signal Synchronization Program Project, with local agency in kind services and cash matching funds totaling \$587,318.
- C. Authorize the Chief Executive Officer to negotiate and execute Cooperative Agreement No. C-2-2634 between the Orange County Transportation Authority and the cities of Dana Point, Laguna Hills, and Laguna Niguel for the Moulton Parkway Regional Traffic Signal Synchronization Program Project, with local agency in kind services and cash matching funds totaling \$662,913.



9. Request to Exercise Option Term 1 for On Call Traffic Engineering and Intelligent Transportation Systems Services Agreements

A motion was made by Director Murphy, seconded by Director Foley, and passed by those present, to:

- A. Authorize the Chief Executive Officer to execute Option Term 1 for the following firms to continue to provide on-call traffic engineering services for the Regional Traffic Signal Synchronization Program (Project P): DKS Associates (Agreement No. C-9-1513), AGA Engineers, Inc. (Agreement No. C-9-1810), KOA Corporation (Agreement No. C-9-1811), and Iteris, Inc. (Agreement No. C-9-1812), extending the term of the agreements by one year from their current respective end dates.
- B. Authorize the Chief Executive Officer to negotiate and execute amendments between the Orange County Transportation Authority and the following consultants for on-call traffic engineering and intelligent transportation systems services agreements: with DKS Associates (Agreement No. C-9-1513), AGA Engineers, Inc. (Agreement No. C-9-1810), KOA Corporation (Agreement No. C-9-1811), and Iteris, Inc. (Agreement No. C 9 1812), in a shared amount of \$9,384,583. This will increase the maximum obligation for all the on-call firms for a total combined aggregate contract value of \$25,260,008.

Regular Calendar

10. Interstate 405 Improvement Project Update

Jeff Mills, Program Manager, and Chris Boucly, Section Manager, Capital Projects Outreach, provided a presentation on this item.

Following the presentation, a discussion ensued among the Members and staff regarding:

- Safety features of new pedestrian bridges.
- Improved signage in the area of the Fairview bridge.
- Budget and project schedule.
- Toll transponder technology and the manner in which fees will be assessed.

Following the discussion, no action was taken on this receive and file item.

11. Temporary Policy Change to Address Extraordinary Inflation for Prior Regional Capacity Program and Regional Traffic Signal Synchronization Program Allocations

Adriann Cardoso, Capital Programming Manager, provided a presentation on this item.

Following the presentation, a discussion ensued among the Members and staff regarding the manner in which project cost escalations are typically handled.

A motion was made by Director Murphy, seconded by Committee Vice Chair Delgleize, and passed by those present, to:

- A. Authorize staff to accept local jurisdictions' reapplication of previously approved (2018, 2019, 2020, 2021) Regional Capacity Program and Regional Traffic Signal Synchronization Program grants for the 2023 call for projects, subject to the limitations described in this report.
- B. Authorize staff to apply one time right of way and construction escalation adjustments to previously approved (2018, 2019, 2020, 2021) Regional Capacity Program and Regional Traffic Signal Synchronization Program projects, subject to the limitations described in this report.

Discussion Items

12. Caltrans District 12 Interstate 5 Managed Lanes Project Update

Chris Flynn, Deputy Director, Environmental Analysis, Caltrans District 12, provided a presentation on this item.

Following the presentation, a discussion ensued among the Members and staff regarding:

- Express lanes implementation strategy.
- Express lanes versus high-occupancy vehicle lanes.
- Which agencies determine the cost and operation of managed lanes.
- Construction impacts to users.

Following the discussion, no action was taken on this item.

13. Public Comments

There were no public comments received.



14. Chief Executive Officer's Report

Darrell E. Johnson, Chief Executive Officer, reported that OCTA will host the Women's Transportation Seminar Transportation Academy beginning Tuesday, August 2.

15. Committee Members' Reports

There were no Committee Member's reports.

16. Closed Session

There were no Closed Session items scheduled.

17. Adjournment

The meeting adjourned at 12:04 p.m.

The next regularly scheduled meeting of this Committee will be held at **10:30 a.m. on FRIDAY, September 2, 2022**, at the OCTA Headquarters, Board Room, 550 South Main Street, Orange, California.

ATTEST

Allison Cheshire
Clerk of the Board Specialist, Senior



October 3, 2022

To: Regional Planning and Highways Committee

From: Darrell E. Johnson, Chief Executive Officer

Subject: Amendment to Agreement for Program Management Consultant Services for the Interstate 405 Improvement Project from State Route 73 to Interstate 605

Overview

On December 10, 2012, the Orange County Transportation Authority Board of Directors selected Parsons Transportation Group, Inc., to provide program management consultant services for the design-build delivery of the Interstate 405 Improvement Project from State Route 73 to Interstate 605 for a term of six and a half years. An amendment to the existing agreement is needed to extend the term and provide additional services through the completion and closeout of the Interstate 405 Improvement Project.

Recommendation

Authorize the Chief Executive Officer to negotiate and execute Amendment No. 34 to Agreement No. C-2-1513 between the Orange County Transportation Authority and Parsons Transportation Group, Inc., in the amount of \$5,367,969, for additional program management consultant services for the Interstate 405 Improvement Project from State Route 73 to Interstate 605, and to extend the term of the agreement for an additional 13 months through June 30, 2024. This will increase the maximum cumulative obligation of the agreement to a total contract value of \$138,170,682.

Discussion

The Orange County Transportation Authority (OCTA), in cooperation with the California Department of Transportation (Caltrans) and the cities of Costa Mesa, Fountain Valley, Huntington Beach, Seal Beach, and Westminster (Cities), is implementing the Interstate 405 (I-405) Improvement Project from State Route 73 (SR-73) to Interstate 605 (I-605) (Project). The Project will add one general purpose lane in each direction from Euclid Street to I-605, consistent with Measure M2 Project K, and will add an additional lane in each

direction that will combine with the existing high-occupancy vehicle lane to provide dual express lanes in each direction on I-405 from SR-73 to I-605, otherwise known as the 405 Express Lanes.

On March 3, 2014, OCTA entered into an agreement with Parsons Transportation Group, Inc., (Parsons) to provide program management consultant (PMC) services to support OCTA in the implementation of the Project. These services include project management and administration, design services and preliminary project development, right-of-way (ROW) support services, design-build (DB) procurement, contracts and third-party agreements, oversight of tolling elements for the Project, and oversight of DB construction. The services involve extensive ongoing coordination and communications between all Project stakeholders while meeting the Project schedule, cost, and administrative requirements.

The current term of the PMC contract expires on May 31, 2023. The PMC contract needs to be extended to June 30, 2024, to provide additional support services to support the Project's revised construction substantial completion date of October 31, 2023, as well as assist with Project closeout, which will extend approximately eight months past the substantial completion date for a project of this magnitude. A significant portion of the cost increase is due to the extended time the PMC will be providing services on the Project beyond what was originally assumed in the prior level of effort (LOE) estimate. There have also been additional specific efforts requested and needed to support the Project which include:

- Additional PMC efforts to assist with the implementation of the back-office system and customer service center operations for the 405 Express Lanes. The PMC is assisting OCTA and the tolling contractor related to an accelerated schedule to meet operational dates for tolling, which includes accelerated development of software, systems, and technical requirements. This is being accomplished with added PMC staff efforts to provide support in numerous workshops and accelerated reviews to meet the Project schedule and minimize potential risks.
- OCTA is preparing to restore the former Sit 'n Sleep property located directly north of the I-405 freeway at Magnolia Street for leasing opportunities. The ground lease for this property was acquired during the ROW acquisition process for the Project. The PMC is providing additional design, plans, permits, and construction management for these improvements.
- The construction of the OCTA I-405 traffic operations center required additional design and coordination support to adjust to the site conditions of the existing facility and the improvements, which were not anticipated in the original LOE.

Amendment to Agreement for Program Management Consultant Services for the Interstate 405 Improvement Project from State Route 73 to Interstate 605 **Page 3**

- Additional ROW and surveying services are needed for the development of specific ROW closeout documentation that was not contemplated in the original LOE for this contract. This documentation is a requirement for ROW and utility closeout packages with Caltrans.

The cost of this amendment is included in the Project support contingency of the \$2.08 billion Board of Directors (Board)-approved Project budget.

Procurement Approach

The original procurement was handled in accordance with OCTA's Board-approved procedures for architectural and engineering services, which conform to both state and federal laws. On December 10, 2012, the Board approved an agreement with Parsons for a term of six and a half years to provide PMC services. The contract was issued with a maximum obligation of \$57,059,657. This agreement has been previously amended as shown in Attachment A.

OCTA staff and Parsons reviewed and agreed to the LOE for the additional PMC services required through June 30, 2024. Staff found Parsons' cost proposal, in the amount of \$5,367,969, to be fair and reasonable relative to the negotiated LOE and the independent cost estimate prepared by the OCTA project management team. Proposed Amendment No. 34 to Agreement No. C-2-1513, in the amount of \$5,367,969, will bring the total contract value to \$138,170,682.

Fiscal Impact

Funding for this amendment is included in OCTA's Fiscal Year 2022-23 Budget, Capital Programs Division, account nos. 0017-9085-FK101-TZF and 0037-9018-A9510-TZF, and is funded with a combination of federal, state, and local funds.

Summary

Staff requests Board of Directors' approval to authorize the Chief Executive Officer to negotiate and execute Amendment No. 34 to Agreement No. C-2-1513 between the Orange County Transportation Authority and Parsons Transportation Group, Inc., in the amount of \$5,367,969, for additional program management consultant services, and extend the term of the agreement through June 30, 2024. This will increase the maximum obligation of the agreement to a total contract value of \$138,170,682.

Attachment

- A. Parsons Transportation Group Inc., Agreement No. C-2-1513 Fact Sheet

Prepared by:



Jeff Mills, P.E.
Senior Program Manager
(714) 560-5925

Approved by:



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



Pia Veasapen
Director, Contracts Administration and
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(714) 560-5619

**Parsons Transportation Group, Inc.
Agreement No. C-2-1513 Fact Sheet**

1. December 10, 2012, Agreement No. C-2-1513, \$57,059,657, approved by the Board of Directors (Board).
 - Agreement was executed March 4, 2013, to provide program management consultant (PMC) services for the Interstate 405 Improvement Project (Project).
2. May 7, 2014, Amendment No. 1 to Agreement No. C-2-1513, \$0, approved by Contracts Administration and Materials Management (CAMM) Department.
 - To revise key personnel and update hourly rate.
3. July 23, 2014, Amendment No. 2 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To revise hourly rates for the prime consultant and subconsultants to list field and office hourly billing rates where applicable and additional classifications.
 - To clarify agreement terms and conditions relative to preparation and payment of invoices.
4. October 1, 2014, Amendment No. 3 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To revise hourly rates for prime consultant and subconsultants.
5. October 2, 2014, Amendment No. 4 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To add Delcan Corporation (Delcan) as a subconsultant to assist with intelligent transportation systems work requirements of the Project.
6. February 9, 2015, Amendment No. 5 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To revise hourly rate schedules to add personnel for subconsultants.
7. July 13, 2015, Amendment No. 6 to Agreement No. C-2-1513, \$29,981,056, approved by the Board.
 - To provide additional PMC services to support the Project preferred alternative.
 - To extend the term of the agreement to July 31, 2022, to allow for completion of the expanded scope of work.

8. July 7, 2016, Amendment No. 7 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To revise hourly rate schedules to add and replace key personnel for the prime consultant.
9. January 17, 2017, Amendment No. 8 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To revise hourly rate schedules for a subconsultant.
 - To incorporate Delcan under prime consultant due to the acquisition of Delcan by prime consultant as of January 2015.
10. February 9, 2017, Amendment No. 9 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To add a subconsultant to provide scheduling services for the Project.
11. May 30, 2017, Amendment No. 10 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To modify key personnel for the prime and subconsultant HNTB.
 - To add disadvantaged business enterprise subconsultant The Alliance Group.
12. July 17, 2017, Amendment No. 11 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To update the indemnification language in the agreement regarding Parsons' support of the Transportation Innovation Finance and Innovation Act (TIFIA) loan requirements.
13. June 12, 2017, Amendment No. 12 to Agreement No. C-2-1513, \$6,000,000, approved by the Board.
 - To provide additional PMC services to reduce project risks and costs associated with the right-of-way (ROW) impacts and utility relocations.
 - To provide the financial and document control systems required to support the financial and document control systems required to support the TIFIA loan.
 - To provide procurement management oversight, using a combined toll systems and operations approach for the 91 Express Lanes and 405 Express Lanes.
 - To add new subconsultant Ares Prism to provide cost management system.
 - To add new subconsultant Rosendin Electric to provide fiber testing support for the 91 Express Lanes.

14. October 12, 2017, Amendment No. 13 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To modify key personnel and add other personnel for prime consultant and subconsultant.
15. November 16, 2017, Amendment No. 14 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To modify key personnel for prime consultant.
16. June 7, 2018, Amendment No. 15 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To revise personnel schedules for prime consultant and subconsultants.
17. July 30, 2018, Amendment No. 16 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To add new subconsultant Progressive Transport Solutions, LLC, for maintenance of traffic and public outreach services.
18. August 14, 2018, Amendment No. 17 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To revise personnel schedules for prime consultant and subconsultants.
19. October 8, 2018, Amendment No. 18 to Agreement No. C-2-1513, \$39,762,000, approved by the Board.
 - To provide design-build contract compliance services.
 - To provide additional support to ensure Project environmental compliance.
 - To provide additional construction management services.
 - To provide project controls and document controls services.
 - To provide value engineering studies.
 - To provide engineering support and Project stakeholder support.
 - To provide toll-related engineering services for the design of the 405 Express Lanes Traffic Operations Center (TOC) and server room and tenant improvements, and 91 Express Lanes westbound toll read site.
20. January 10, 2019, Amendment No. 19 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To revise agreement's Exhibit D – Milestones for Release of Retention.

21. February 20, 2019, Amendment No. 20 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To revise personnel schedules for subconsultants.
22. April 17, 2019, Amendment No. 21 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To revise schedules for personnel and other direct costs for a subconsultant.
23. June 20, 2019, Amendment No. 22 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To revise personnel schedules for a subconsultant.
24. July 2, 2019, Amendment No. 23 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To revise personnel schedules for prime consultant and subconsultants.
25. September 24, 2019, Amendment No. 24 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To revise personnel schedules for subconsultants.
26. November 26, 2019, Amendment No. 25 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To revise personnel schedules for prime consultant.
27. September 9, 2020, Amendment No. 26 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To revise schedules for personnel and other direct costs for prime consultant and subconsultants.
28. November 24, 2020, Amendment No. 27 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To revise personnel schedules for prime consultant and subconsultants
29. November 4, 2021, Amendment No. 28 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To revise personnel schedules for prime consultant.

30. May 25, 2021, Amendment No. 29 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To revise other direct costs schedules for subconsultants.
31. August 4, 2021, Amendment No. 30 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To revise personnel schedules for prime consultant and subconsultants.
32. October 6, 2021, Amendment No. 31 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To revise personnel schedules for prime consultant and subconsultants.
33. June 16, 2022, Amendment No. 32 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To revise personnel schedules for prime consultant and subconsultants.
34. August 5, 2022, Amendment No. 33 to Agreement No. C-2-1513, \$0, approved by CAMM Department.
 - To revise personnel schedules for prime consultant.
35. October 10, 2022, Amendment No. 34 to Agreement No. C-2-1513, \$5,367,969, pending approval by the Board.
 - To provide additional PMC services to support the revised construction substantial completion date of October 31, 2023, and assist with Project closeout activities.
 - To assist with the implementation of the 405 Express Lanes back-office system and customer service center operations.
 - To provide additional design, plans, permits, and construction management services for necessary improvements to the former Sit n' Sleep property.
 - To provide additional design and coordination support related to the 405 Express Lanes TOC.
 - To provide additional ROW and surveying services needed for Project closeout documentation.

Total funds committed to Parsons Transportation Group, Inc., after approval of Amendment No. 34 to Agreement No. C-2-1513: \$138,170,682.



October 3, 2022

To: Regional Planning and Highways Committee

From: Darrell E. Johnson, Chief Executive Officer

Subject: Amendment to Cooperative Agreement with the Orange County Flood Control District for the Interstate 405 Improvement Project

Overview

On May 9, 2016, the Orange County Transportation Authority Board of Directors approved Cooperative Agreement No. C-5-3617 with the Orange County Flood Control District for support services for the Interstate 405 Improvement Project. An amendment to the cooperative agreement is required for additional support services.

Recommendation

Authorize the Chief Executive Officer to negotiate and execute Amendment No. 2 to Cooperative Agreement No. C-5-3617 between the Orange County Transportation Authority and the Orange County Flood Control District, in the amount of \$500,000, for additional project support services for the Interstate 405 Improvement Project. This will increase the agreement amount to \$2,000,000.

Discussion

The Orange County Transportation Authority (OCTA), in cooperation with the California Department of Transportation (Caltrans) and the Orange County Flood Control District (OCFCD), is implementing the Interstate 405 (I-405) Improvement Project between State Route 73 (SR-73) and Interstate 605 (I-605) (Project). The Project will add one general purpose lane from Euclid Street to I-605, consistent with Measure M2 (M2) Project K, and will add an additional lane in each direction that will combine with the existing high-occupancy vehicle lane to provide dual express lanes in each direction of I-405 from SR-73 to I-605, otherwise known as the 405 Express Lanes. The Project includes improvements to numerous OCFCD-owned and maintained flood channels and storm drains throughout the Project limits, including major facilities at Ocean View, Bixby, East Garden Grove Wintersburg, Santa Ana, and Montecito channels as well as the Santa Ana River.

On May 9, 2016, the OCTA Board of Directors (Board) approved Cooperative Agreement No. C-5-3617 with the OCFCD for support services for the Project. The reimbursement to OCFCD includes costs for plans and specifications review and concurrence, oversight of construction inspection, encroachment permit review, and document review, as requested by OCTA during design and construction of the Project.

The original scope of work assumed limited efforts for design review and construction inspection and assumed the construction period and associated OCFCD support services to end in early 2023. As the Project has progressed, it has become apparent that additional OCFCD support services are required based on the revised Project schedule and completion of construction of the flood control facilities in late 2023, with Project closeout to follow in 2024.

Additionally, OCFCD support services that were not anticipated during the development of the original scope of work and level of effort estimates, are now required and include the following:

- The analysis of corrosive resistant concrete measures at the Oceanview and Bixby channels to allow for longer term concrete protection for permanent flood control facilities.
- Design refinements at East Garden Grove Wintersburg channel as a result of access challenges and a revised method to install proposed drainage facility improvements under the I-405 freeway.
- Additional OCFCD reviews of multiple design alternatives to eliminate retaining walls at the Santa Ana River maintenance access road.
- Additional OCFCD reviews at the Montecito channel for various design alternatives to the proposed box culvert, including different alignments and box culvert geometries and configurations, capacity analysis reports, as well as information to support permitting efforts with resource agencies.

Fiscal Impact

Funding for this amendment is included in the OCTA Fiscal Year 2022-23 Budget, Capital Programs Division, account nos. 0017-9084-FK101-0I2 and 0037-9017-A9510-0I2 and is funded with a combination of federal, state, and local funds. The proposed amendment will be funded from the Project contingency and is not anticipated to increase the total Project estimate of \$2.08 billion.

Amendment to Cooperative Agreement with the Orange County Flood Control District for the Interstate 405 Improvement Project *Page 3*

Summary

Staff requests Board of Directors' approval for the Chief Executive Officer to negotiate and execute Amendment No. 2 to Cooperative Agreement No. C-5-3617 with the Orange County Flood Control District, in the amount of \$500,000, for additional project support services for the Interstate 405 Improvement Project. This will increase the agreement amount to \$2,000,000.

Attachment

- A. Orange County Flood Control District, Cooperative Agreement No. C-5-3617 Fact Sheet

Prepared by:



Jeff Mills, P.E.
Senior Program Manager
(714) 560-5925

Approved by:



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



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

**Orange County Flood Control District
Cooperative Agreement No. C-5-3617 Fact Sheet**

1. March 9, 2016, Cooperative Agreement No. C-5-3617, \$1,500,000, approved by the Board of Directors (Board).
 - To provide the Orange County Flood Control District (OCFCD) plans and specifications review and concurrence, oversight of construction inspection, encroachment permit review, and document review, for the proposed improvements to the OCFCD facilities, as requested by the Orange County Transportation Authority (OCTA), during the design and construction of the Interstate 405 Project (Project.)
 - OCTA's maximum obligation, in the total amount of \$1,500,000, represented by costs directly reimbursable to OCFCD.
2. March 11, 2019, Amendment No. 1 to Cooperative Agreement No. C-5-3617, \$0, approved by the Board.
 - To increase OCTA's cost share for improvements to the Ocean View Channel using the cut-and-cover construction method determined by OC405 Partners (Contractor).
3. October 10, 2022, Amendment No. 2 to Cooperative Agreement No. C-5-3617, \$500,000, pending Board approval.
 - To increase OCTA's reimbursement to OCFCD for providing additional support services for the proposed improvements to the OCFCD facilities to accommodate the current Project construction completion milestone date of late 2023, and Project closeout in 2024. These services are needed at Oceanview and Bixby channels; East Garden Grove Wintersburg channel; Santa Ana River maintenance access road; and Montecito channel.
 - To revise OCTA's maximum obligation, in the amount of \$500,000, for costs directly reimbursable to OCFCD.

Total committed to the Orange County Flood Control District after approval of Amendment No. 2 to Cooperative Agreement No. C-5-3617: \$2,000,000.



October 3, 2022

To: Regional Planning and Highways Committee

From: Darrell E. Johnson, Chief Executive Officer

Subject: Cooperative Agreement with the California Department of Transportation for the Interstate 5 Replacement Planting Project Between State Route 73 and El Toro Road

Overview

The Orange County Transportation Authority proposes to enter into a cooperative agreement with the California Department of Transportation for the Interstate 5 Replacement Planting Project between State Route 73 and El Toro Road.

Recommendations

- A. Authorize the Chief Executive Officer to negotiate and execute Cooperative Agreement No. C-2-2807 between the Orange County Transportation Authority and the California Department of Transportation, in the amount of \$12,335,000, for the Interstate 5 Replacement Planting Project between State Route 73 and El Toro Road.
- B. Authorize the use of up to \$0.79 million in Surface Transportation Block Grant funds for design services for the Interstate 5 Replacement Planting Project between State Route 73 and El Toro Road in lieu of Measure M2 funding.
- C. Authorize staff to process all necessary amendments to the Federal Transportation Improvement Program and execute or amend all necessary agreements to facilitate the above actions.

Discussion

The Orange County Transportation Authority (OCTA), in partnership with the California Department Transportation (Caltrans), is implementing the Interstate 5 (I-5) Improvement Project between State Route 73 (SR-73) and

El Toro Road (Project). The Project adds general purpose lanes and other improvements in both directions of the I-5 from north of SR-73 to El Toro Road.

The Project is currently being constructed in three segments with the following Project limits:

- Segment 1 extends from north of SR-73 to Oso Parkway. Construction began on March 10, 2020, and is anticipated to be complete in 2024.
- Segment 2 begins at Oso Parkway and ends at Alicia Parkway. Construction began on May 29, 2019, and is anticipated to be complete in 2024.
- Segment 3 extends from Alicia Parkway to El Toro Road. Construction began on January 4, 2021, and is anticipated to be complete in 2024.

All three segments will require replacement planting and a three-year plant establishment period which will commence upon construction completion. Replacement planting will include areas where ground cover and trees were cleared and otherwise impacted during construction of the three segments of the Project. Plant establishment is the period that allows newly installed plant material to reach a state of maturity that will allow for minimal maintenance in the future. The plant establishment period typically includes replacement of dead or damaged plant material, weed and pest control, irrigation operation and repair, and other activities required to ensure the long-term survival of plant material.

It is standard practice for Caltrans to separate the replacement planting and plant establishment period work into a separate follow-on contract, which is relatively minor in scope and cost in relation to the major roadway work. During the design phase of the Project, OCTA and Caltrans mutually agreed to exclude the replacement planting and plant establishment work from the roadway construction contracts due to a lengthy three-year plant establishment period that is required by Caltrans. The plant establishment work would unnecessarily retain the roadway contractor for three years and potentially result in higher or unbalanced bid prices.

This cooperative agreement will include the design, right-of-way support, advertisement, award, and administration of the replacement planting landscape project, including the three-year plant establishment period per Caltrans requirements, for all three segments. The construction completion of the freeway improvement projects is scheduled for 2024. In order for the replacement planting contractor to be on board by 2024, a cooperative agreement is required between Caltrans and OCTA to document the obligations of each party for the I-5 Replacement Planting Project, and to initiate the preparation and packaging of the design for the contract documents.

OCTA proposes to enter into a cooperative agreement with Caltrans to define the roles and responsibilities of both agencies. As the implementing agency for design and construction of the replacement planting project, Caltrans will be responsible for the design, right-of-way support (utility coordination), advertisement, award, and administration of the replacement planting project. The cost for the development of the final contract documents, advertisement, and award is estimated in the amount of \$790,000. The capital construction cost is estimated to be \$10,595,000, and includes replacement planting, installation of irrigation systems, testing, repairs, and maintenance. Caltrans will provide all construction management support for the Project in the amount of \$950,000. OCTA will reimburse Caltrans \$5,545,000 in local Measure M2 funds for the construction capital component of the Project, and the balance will be funded with federal and state funds that Caltrans will draw down directly.

Fiscal Impact

The Project is partially included in OCTA's Fiscal Year 2022-23 Budget, Capital Programs Division, Account No. 0017-9084-FC107-03E and is funded with federal Surface Transportation Block Grant, State Transportation Improvement Program, and local Measure M2 funds. The remaining funding will be budgeted in subsequent fiscal years to fund the work. This Project is listed as Project C in the Measure M2 (M2) Next 10 Delivery Plan and the use of Surface Transportation Block Grant funding in lieu of M2 funding is consistent with the OCTA Board of Directors-approved Capital Programming Policy. The Capital Funding Program includes a summary of how OCTA's capital projects are currently funded along with the proposed changes in this report (Attachment A).

Summary

Staff requests Board of Directors' approval for the Chief Executive Officer to negotiate and execute Cooperative Agreement No. C-2-2807 between the Orange County Transportation Authority and the California Department of Transportation, in the amount of \$12,335,000, for the Interstate 5 Replacement Planting Project between State Route 73 and El Toro Road.

Attachment

A. Capital Funding Program Report

Prepared by:



Niall Barrett, P.E.
Program Manager
(714) 560-5879

Approved by:



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



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



Capital Funding Program Report

Pending Approval by OCTA Board of Directors (Board) - October 10, 2022

State Highway Project											
Project Title	M Code	Total Funding	Federal Funds			State Funds			Local Funds		
			STBG/CMAQ	FTA	Other Fed.	STIP	SB1	Other State	M1	M2	Other Local
I-5 from SR-55 to SR-57, add one HOV lane each direction	A	\$41,500	\$36,191							\$5,309	
I-5 widening, I-405 to Yale Avenue (Segment 1)	B	\$230,482	\$52,357			\$95,338	\$33,395			\$49,392	
I-5 widening, Yale Avenue to SR-55 (Segment 2)	B	\$41,351	\$32,527							\$8,824	
I-5 widening, Alicia Parkway to El Toro Road (Segment 3)	C	\$181,327	\$49,897		\$4,728		\$9,388			\$117,314	
I-5 widening, Oso Parkway to Alicia Parkway (Segment 2)	C	\$206,695	\$48,676		\$7,921					\$150,098	
I-5 widening, SR-73 to Oso Parkway (Segment 1)	C	\$213,267	\$28,167		\$6,433	\$91,977		\$29,832		\$56,858	
I-5, SR-73 to El Toro Road landscaping/replacement planting ¹	C	\$12,335	\$790			\$6,000				\$5,545	
I-5/El Toro Interchange	D	\$9,713	\$9,213							\$500	
SR-55 (I-5 to SR-91)	F	\$16,000	\$8,359		\$2,641					\$5,000	
SR-55 widening between I-405 and I-5	F	\$505,720	\$160,500		\$41,900	\$80,000	\$140,000			\$83,320	
SR-57 Orangewood Avenue to Katella Avenue	G	\$9,327	\$2,500		\$3,240					\$3,587	
SR-57 truck climbing lane phase II: Lambert Road to LA County Line	G	\$6,500				\$6,500					
SR-91, Acacia Avenue to La Palma Avenue (Segment 3)	I	\$18,171	\$1,770							\$30	\$16,371
SR-91, La Palma Avenue to SR-55 (Segment 2)	I	\$46,314	\$3,460							\$40	\$42,814
SR-91, SR-55 to Lakeview Avenue (Segment 1)	I	\$15,779	\$1,770							\$30	\$13,979
SR-91, SR-57 to SR-55 (Segment 1,2 and 3) Outreach ²	I	\$2,000									\$2,000
SR-91, SR-241 to I-15	J	\$41,800									\$41,800
I-405 improvements, SR-73 to I-605	K	\$2,080,234	\$35,000		\$10,648			\$89,771		\$1,315,885	\$628,930
I-405 (I-5 to SR-55)	L	\$8,000	\$8,000								
I-605/ Katella Avenue interchange	M	\$32,144	\$17,800							\$14,344	
241/91 Express Lanes (HOT) connector		\$182,298	\$50								\$182,248
I-405 s/b aux lane - University Drive to Sand Canyon and Sand Canyon to SR-133		\$2,328				\$2,328					
I-5 Managed Lane Project from Avenida Pico to San Diego County Line		\$6,978	\$6,978								
SR-74 - Gap closure for 0.9 mile and multimodal improvements		\$53,513			\$250	\$43,913				\$7,200	\$2,150
SR-74 widening, City/County line to Antonio Parkway		\$40,905	\$5,285			\$10,000					\$25,620
State Highway Project Totals		\$4,004,681	\$509,290		\$77,761	\$336,056	\$182,783	\$119,603		\$1,823,276	\$955,912
Federal Funding Total		\$587,051									
State Funding Total		\$638,442									
Local Funding Total		\$2,779,188									
Total Funding (000's)		\$4,004,681									

State Highway Project Completed											
Project Title	M Code	Total Funding	Federal Funds			State Funds			Local Funds		
			STBG/CMAQ	FTA	Other Fed.	STIP	SB1	Other State	M1	M2	Other Local
I-5 HOV lane each direction s/o PCH to San Juan Creek Road	C	\$74,300	\$11,326					\$20,789		\$42,185	
I-5 HOV lanes from s/o Avenida Vista Hermosa to s/o PCH	C	\$75,300	\$12,065			\$46,779				\$16,456	



Capital Funding Program Report

Pending Approval by OCTA Board of Directors (Board) - October 10, 2022

State Highway Project Completed											
			Federal Funds			State Funds			Local Funds		
Project Title	M Code	Total Funding	STBG/CMAQ	FTA	Other Fed.	STIP	SB1	Other State	M1	M2	Other Local
I-5 HOV lanes: s/o Avenida Pico to s/o Vista Hermosa	C	\$83,500	\$26,867		\$1,600	\$43,735				\$11,298	
I-5/SR-74 interchange improvements	D	\$80,300				\$48,683		\$24,109	\$2,500		\$5,008
I-5/SR-74 interchange landscaping/replacement planting	D	\$1,440			\$752	\$688					
SR- 57 n/b widening, Katella Avenue to Lincoln Avenue - landscaping	G	\$2,172								\$2,172	
SR- 57 n/b widening, SR-91 to Yorba Linda Boulevard - landscaping	G	\$946								\$946	
SR-57 n/b widening, Katella Avenue to Lincoln Avenue	G	\$35,827						\$24,127		\$11,700	
SR-57 n/b widening, SR-91 to Yorba Linda Boulevard	G	\$51,354						\$39,475		\$11,879	
SR-57 n/b widening, Yorba Linda to Lambert Road	G	\$52,871						\$41,250		\$11,621	
SR-57 n/b widening, Yorba Linda to Lambert Road - landscaping	G	\$1,193								\$1,193	
SR-91 w/b connect existing aux lanes, I-5 to SR-57	H	\$62,977						\$27,227		\$35,750	
SR-91 w/b connecting existing aux lanes, I-5 to SR-57 - landscaping	H	\$2,290								\$2,290	
SR-91 w/b (SR-55 - Tustin interchange) improvements	I	\$43,753				\$15,753		\$14,000		\$14,000	
SR-91 e/b widening, SR-241 to SR-71	J	\$57,773			\$45,911					\$6,942	\$4,920
SR-91 w/b routes 91/55 - e/o Weir Canyon Road replacement planting	J	\$2,898				\$2,898					
SR-91 widening, SR-55 to Gypsum Canyon (Weir Canyon Road/SR-241)	J	\$76,993				\$22,250		\$54,045		\$698	
I-405/SR-22/I-605 HOV connector - landscaping		\$4,600	\$4,600								
HOV connectors from I-405 and I-605	M1	\$173,091	\$14,787					\$135,430	\$16,200		\$6,674
HOV connectors from SR-22 to I-405	M1	\$115,878	\$64,375		\$49,625				\$1,878		
State Highway Project Completed Totals		\$999,456	\$134,020		\$97,888	\$180,786		\$380,452	\$20,578	\$169,130	\$16,602
Federal Funding Total	\$231,908										
State Funding Total	\$561,238										
Local Funding Total	\$206,310										
Total Funding (000's)	\$999,456										



Capital Funding Program Report

Pending Approval by OCTA Board of Directors (Board) - October 10, 2022

Board Actions:

Cooperative Agreement with the California Department of Transportation for the Interstate 5 Plant Establishment Project Between State Route 73 and El Toro Road item:

1. Authorize the use of up to \$0.79 million in Surface Transportation Block Grant funds for design services for the Interstate 5 Plant Establishment Project Between State Route 73 and El Toro Road in lieu of Measure M2 funding.

Approval to Release Request for Proposals for Public Outreach for the State Route 91 Improvement Project item:

2. Authorize the use of up to \$2.00 million in 91 Express Lane funds for outreach efforts for all three segments of the State Route 91 Improvement Project from State Route 57 to State Route 55.

Acronyms:

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



October 3, 2022

To: Regional Planning and Highways Committee
From: Darrell E. Johnson, Chief Executive Officer
Subject: Amendments to the Master Plan of Arterial Highways

Overview

The Orange County Transportation Authority administers the Master Plan of Arterial Highways, including the review and approval of amendments requested by local agencies. The City of Anaheim has requested an amendment to the Master Plan of Arterial Highways that is recommended for approval. An update on the conditionally approved Master Plan of Arterial Highways amendments is also provided.

Recommendations

- A. Conditionally approve the following amendments to the Master Plan of Arterial Highways for the facilities listed below within the City of Anaheim:
1. Remove Douglass Road, a secondary (four-lane, undivided) arterial, between Cerritos Avenue and Katella Avenue from the Master Plan of Arterial Highways network.
 2. Remove Cerritos Avenue, a secondary (four-lane, undivided) arterial, between Sunkist Street and Douglass Road from the Master Plan of Arterial Highways network.
 3. Add River Road as a primary (four-lane, divided) arterial from Katella Avenue to Ball Road to the Master Plan of Arterial Highways network.

The proposed amendment will become final, contingent upon the Orange County Transportation Authority receiving documentation that the City of Anaheim has amended its general plan and has complied with the requirements of the California Environmental Quality Act.

If the City of Anaheim does not update its general plan within three years to reflect the Master Plan of Arterial Highways amendment, the contingent approval of this requested amendment will expire but can be returned to the Orange County Transportation Authority Board of Directors for reconsideration and action.

If the original proposed Master Plan of Arterial Highways amendment is modified as a result of the California Environmental Quality Act and/or general plan amendment process, the modified Master Plan of Arterial Highways amendment shall be returned to the Orange County Transportation Authority Board of Directors for consideration and action.

- B. Direct the Executive Director of Planning, or his designee, to file a Notice of Exemption from the California Environmental Quality Act in support of the Master Plan of Arterial Highways amendment.
- C. Receive and file a status report on the active Master Plan of Arterial Highways amendments.

Background

The City of Anaheim (City) is proposing roadway changes near the Honda Center and the Anaheim Regional Transportation Intermodal Center (ARTIC) to improve traffic and pedestrian circulation and serve new development. The new development includes a mix of entertainment, office, retail, restaurant, and residential uses within a half mile of ARTIC. Roadway modifications are proposed to enhance circulation, which requires an amendment to the Master Plan of Arterial Highways (MPAH) network. The study area and project site map is provided in Attachment A.

The City has submitted a letter requesting the following changes to the MPAH:

- Remove Douglass Road between Cerritos Avenue and Katella Avenue,
- Remove Cerritos Avenue between Sunkist Street and Douglass Road, and
- Add a new north-south roadway named River Road, as a primary arterial, between Katella Avenue and Ball Road.

The proposed MPAH amendment has been reviewed by the Orange County Transportation Authority (OCTA) staff. Details on the requested amendment and an update on active MPAH amendments are provided below.

Discussion

Staff reviewed the traffic analysis provided by the City and concluded that the requested MPAH amendments are appropriate from a long-range planning perspective. Additionally, future traffic volumes appear to be accommodated with the proposed changes and are forecasted to remain at generally acceptable levels of service (LOS). As such, staff has determined that the City has satisfied MPAH amendment requirements and recommends approval of the MPAH amendment request.

Deletion – Douglass Road and Cerritos Avenue

Removal of Douglass Road between Katella Avenue and Cerritos Avenue would create a “stub” for the eastern end of Cerritos Avenue, thus eliminating its connection to the MPAH system. Therefore, staff is recommending the approval of the City’s request to remove Cerritos Avenue between Sunkist Street and Douglass Road to be consistent with the MPAH guidelines. Removal of the two roadways from the MPAH does not significantly impact the surrounding MPAH network.

Addition – River Road (New Roadway)

The new roadway, River Road, will connect with Phoenix Club Drive and extend the primary arterial MPAH classification to Ball Road. The existing street name, Phoenix Club Drive, will be changed to River Road, including both the existing and new segments. This planned roadway will include four-travel lanes divided by a two-way left-turn lane. Based on the traffic impact analysis report, future average daily traffic on River Road is anticipated to be approximately 26,100 daily trips. This is below the 30,000 average daily trip threshold identified in the MPAH guidelines for designation as primary arterials. As a result, the proposed classification provides sufficient capacity to accommodate the forecasted traffic levels and meets LOS standards.

The amendments request submitted by the City are provided in Attachment B and a map of the proposed changes to the MPAH is provided in Attachment C. The City of Orange reviewed the traffic study and provided a letter of support for the requested MPAH amendments (Attachment D).

California Environmental Quality Act (CEQA)

Amendments to the MPAH are exempt from the CEQA review. As such, if the Board approves the recommendations, OCTA will file a Notice of Exemption from CEQA in support of the proposed amendment to the MPAH.

MPAH Amendment Status Update

There are currently 15 active amendments proposed for the MPAH. These amendments are detailed in Attachment E. Many of the remaining amendments are awaiting local action to amend their respective general plans. Others are either under review, are in the cooperative study process, are pending resolution of issues with other agencies, or are awaiting refinement of development plans.

Summary

The City has requested a amendments to the MPAH. Based upon the information provided by the City, the requirements of the MPAH have been satisfied, and staff recommends Board approval of the amendments. requested. A summary of active MPAH amendments is also provided for the Board review.

Attachments

- A. Project Study Area and Project Site
- B. Letter from Rudi Emami, Director of Public Works, City of Anaheim, to Kurt Brotcke, Orange County Transportation Authority, Dated July 29, 2022, RE: City of Anaheim Master Plan of Arterial Highways Amendment Request Revised
- C. Anaheim MPAH Amendments
- D. Letter from Christopher S. Cash, Director of Public Works, City of Orange, to Kurt Brotcke, Orange County Transportation Authority, Dated July 28, 2022, RE: City of Anaheim Master Plan of Arterial Highways Amendment – City of Orange Letter of Support
- E. Status Report on Pending Master Plan of Arterial Highways Amendments

Prepared by:

Ivy Hang
Senior Transportation Analyst
(714) 560-5684

Approved by:

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

Project Study Area and Project Site

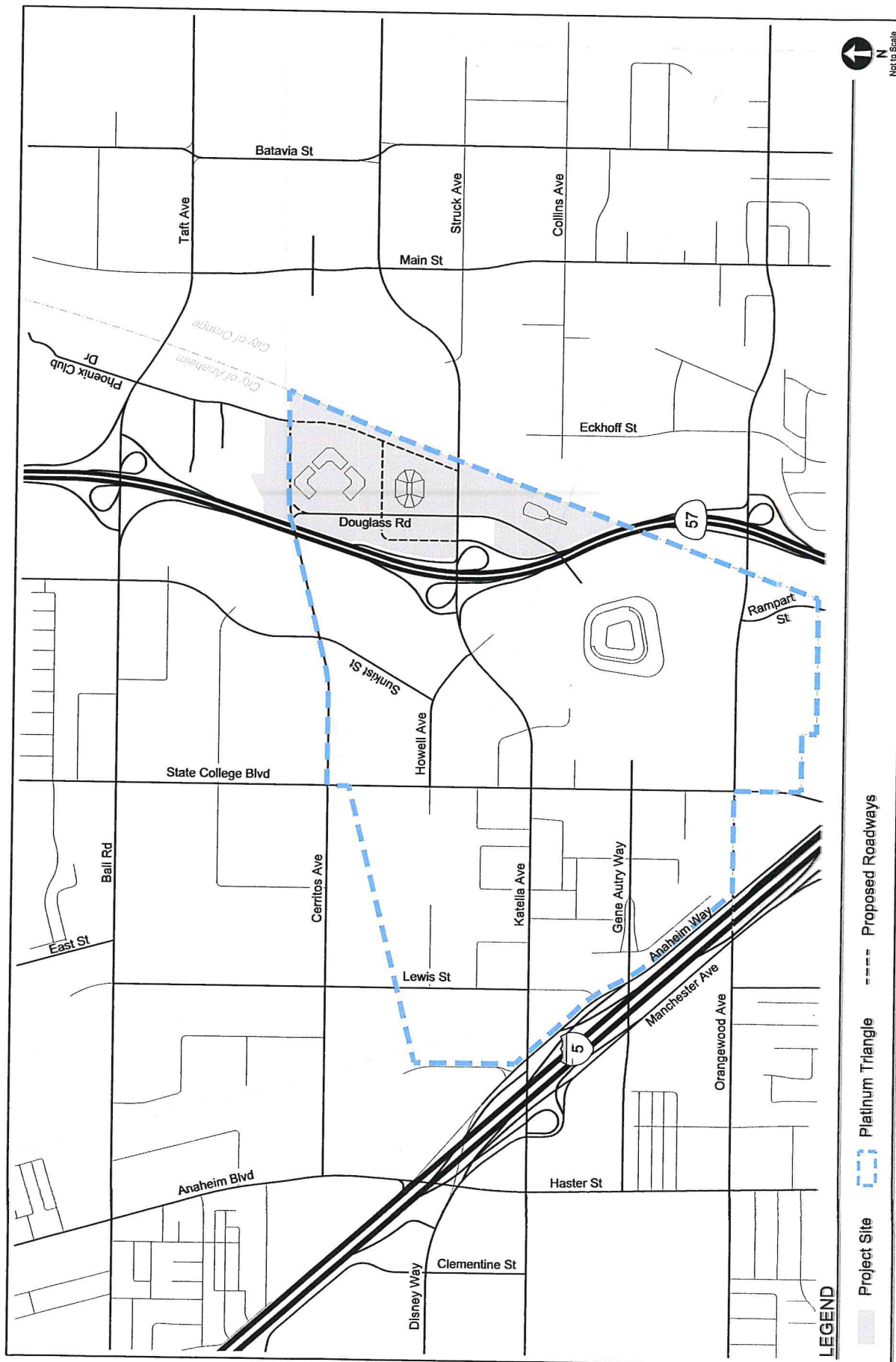


FIGURE 1



City of Anaheim
DEPARTMENT OF PUBLIC WORKS

July 29, 2022

Mr. Kurt Brotcke
Orange County Transportation Authority
550 S. Main Street
Orange, CA 92868

RE: City of Anaheim Master Plan of Arterial Highways Amendment Request Revised

Dear Mr. Brotcke:

As indicated in the City of Anaheim's (City) original Master Plan of Arterial Highways (MPAH) amendment request letter dated April 15, 2022 (attached), the City has requested Orange County Transportation Authority (OCTA) approval of various MPAH circulation changes in support of the OCVibe development.

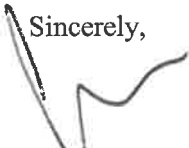
After discussions with OCTA staff, the City has opted to revise its original MPAH amendment request. Listed below are the City's final proposed MPAH revisions in support of the OCVibe development.

- Remove Douglass Road north of Katella Avenue to Cerritos Avenue;
- Add a new north-south public roadway known as River Road, as a primary arterial, on the easterly side of the OCVibe development from Katella Avenue north (via Phoenix Club Drive) to Ball Road; and
- Remove Cerritos Avenue from Sunkist Street to Douglass Road.

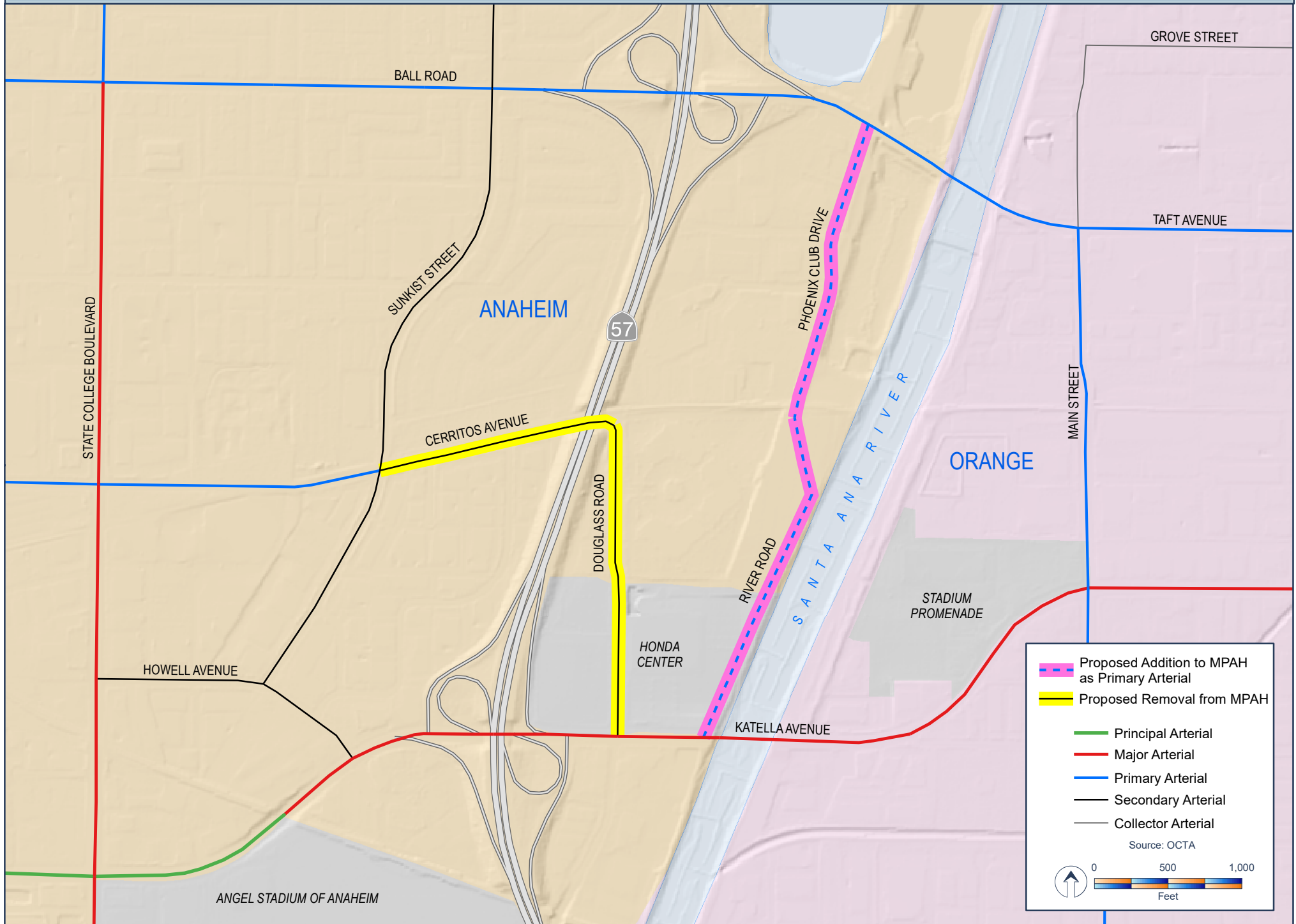
Thank you for allowing the City the opportunity to clarify this MPAH amendment request. Please note that the City remains committed to pursuing this MPAH amendment request as expeditiously as possible. As such, attached to this letter is a letter of support from the City of Orange.

Should have any questions regarding this letter or the attached documents, please feel free to contact me at (714) 765-5065.

Sincerely,


Rudy Emami
Director of Public Works

Attachments





CITY OF ORANGE

PUBLIC WORKS DEPARTMENT

www.cityoforange.org

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July 28, 2022

Mr. Kurt Brotcke
Orange County Transportation Authority
600 S. Main Street
Orange, CA 92868

RE: City of Anaheim Master Plan of Arterial Highways Amendment – City of Orange
Letter of Support

Dear Mr. Brotcke:

The City of Orange (Orange) has reviewed the City of Anaheim's (Anaheim's) request to amend the Orange County Master Plan of Arterial Highways (MPAH) as part of the proposed OC Vibe development, which includes the following components:

- Removal of Cerritos Avenue from Sunkist Street to Douglass Road from the MPAH. The actual facility will continue to exist and will remain on Anaheim's Circulation Element:
 - An extension of Cerritos Avenue from Douglass Road to River Road will also be constructed as a private road with a public access easement. However, this facility will not be reflected on the MPAH.
- Removal of Douglass Road from Katella Avenue to Cerritos Avenue from the MPAH. A portion of Douglas Road from proposed Stanley Cup Way (private road) to Cerritos Avenue will continue to exist but will be maintained as a private road with a public access easement.
- Addition of a new Primary Arterial known as River Road from Katella Avenue to Ball Road (portion of the road currently exists at Phoenix Club Drive)

Orange is supportive of these proposed changes to MPAH and Anaheim's Circulation Element.

Should you have any questions please feel free to contact Larry Tay, City Traffic engineer at (714) 744-5534 or myself at (714) 744-5545.

Sincerely,

Christopher S. Cash
Director of Public Works

C: Charlie Larwood, OCTA
Greg Nord, OCTA
Rudy Emami, Anaheim

Carlos Castellanos, Anaheim
Rafael Cobian, Anaheim
Joe Alcock, Anaheim

Status Report on Pending Master Plan of Arterial Highways Amendments

#	Jurisdiction	Street	From	To	Type of Amendment	Status
1	Brea / County of Orange	Tonner Canyon Road	Brea Canyon Road	Planned Valencia Avenue	Delete	The amendment was conditionally approved by the Board. Waiting for documentation confirming completion of CEQA and general plan change.
2	Brea / County of Orange	Valencia Avenue	Carbon Canyon Road	Planned Tonner Canyon Road	Delete	The amendment was conditionally approved by the Board. Waiting for documentation confirming completion of CEQA and general plan change.
3	Costa Mesa	Bluff Road	19th Street	Victoria Street	Delete	On hold pending final consensus on Banning Ranch circulation plan.
4	Costa Mesa	19th Street	Placentia Avenue	West City Limit	Reclassify from primary to divided collector	On hold pending coordination with City of Newport Beach general plan update.
5	County of Orange / Lake Forest	Santiago Canyon Road	SR-241 NB Ramp	Live Oak Canyon	Reclassify from primary to collector	The amendment was conditionally approved by the Board. Waiting for documentation confirming completion of CEQA and general plan change.
6	County of Orange / Irvine	Jeffrey Road	SR-241	Santiago Canyon Road	Delete	The amendment was conditionally approved by the Board. Waiting for documentation confirming completion of CEQA and general plan change.
7	County of Orange	Black Star Canyon	Silverado Canyon Road	Orange County/ Riverside County Line	Delete	The amendment was conditionally approved by the Board. Waiting for documentation confirming completion of CEQA and general plan change.
8	Santa Ana / Orange	Fairhaven Avenue	Grand Avenue	Tustin Avenue	Reclassify from secondary to divided collector	The amendment was conditionally approved by the Board. Waiting for documentation confirming completion of CEQA and general plan change.
9	Yorba Linda / Anaheim	Yorba Linda Boulevard	SR-91 WB Off-Ramp	La Palma Avenue	Reclassify from primary to asymmetric major	The amendment was conditionally approved by the Board. Waiting for documentation confirming completion of CEQA and general plan change.
10	Yorba Linda / Anaheim	Weir Canyon Road	SR-91 WB Off-Ramp	SR-91 EB On-Ramp	Reclassify from primary to major	The amendment was conditionally approved by the Board. Waiting for documentation confirming completion of CEQA and general plan change.
11	Yorba Linda / Anaheim	Savi Ranch Parkway	Pullman Street	Old Canal Road	Add to MPAH	The amendment was conditionally approved by the Board. Waiting for documentation confirming completion of CEQA and general plan change.

Status Report on Pending Master Plan of Arterial Highways Amendments

#	Jurisdiction	Street	From	To	Type of Amendment	Status
12	Yorba Linda / Anaheim	Old Canal Road/Pullman Street	Savi Ranch Parkway	Savi Ranch Parkway	Add to MPAH	The amendment was conditionally approved by the Board. Waiting for documentation confirming completion of CEQA and general plan change.
13	Anaheim	Douglass Road	Cerritos Avenue	Katella Ave	Delete	Amendment is being presented to the Board for consideration.
14	Anaheim	Cerritos Avenue	Sunkist Street	Douglass Road	Delete	Amendment is being presented to the Board for consideration.
15	Anaheim	River Road (New Road)	Ball Road	Katella Avenue	Add to MPAH	Amendment is being presented to the Board for consideration.
MOU	Costa Mesa / Fountain Valley/ Huntington Beach	Garfield Avenue/ Gisler Avenue Crossing over the Santa Ana River	Santa Ana River Westbank	Santa Ana River Eastbank	Reclassify from secondary to right-of-way reserve status	The cities of Costa Mesa, Fountain Valley, Huntington Beach, and OCTA entered into an MOU (C-6-0834). Reasonable progress has been made on the implementation of 19 of the 25 mitigation measures that were specified. All improvements are required to be completed by 2025, at which time OCTA will revisit the designation of the Garfield Avenue/Gisler Avenue Bridge.

OCTA - Orange County Transportation Authority
Board – Board of Directors
MPAH – Master Plan of Arterial Highways
MOU – Memorandum of understanding
CEQA – California Environmental Quality Act

NB – Northbound
WB – Westbound
EB – Eastbound

SR-241 – State Route 241
SR-91 – State Route 91



DIRECTIONS 2045

LONG RANGE TRANSPORTATION PLAN

Board of Directors Workshop Preview

Sustainable, equitable, and innovative transportation solutions.



Key Challenges

- 
- Growing travel demand and built-out roadway system
 - Evolving travel trends
 - Increasing climate-related risks
 - Changing funding outlook
 - Diversity, equity, and inclusion

Goals



Deliver on Commitments



Improve System Performance

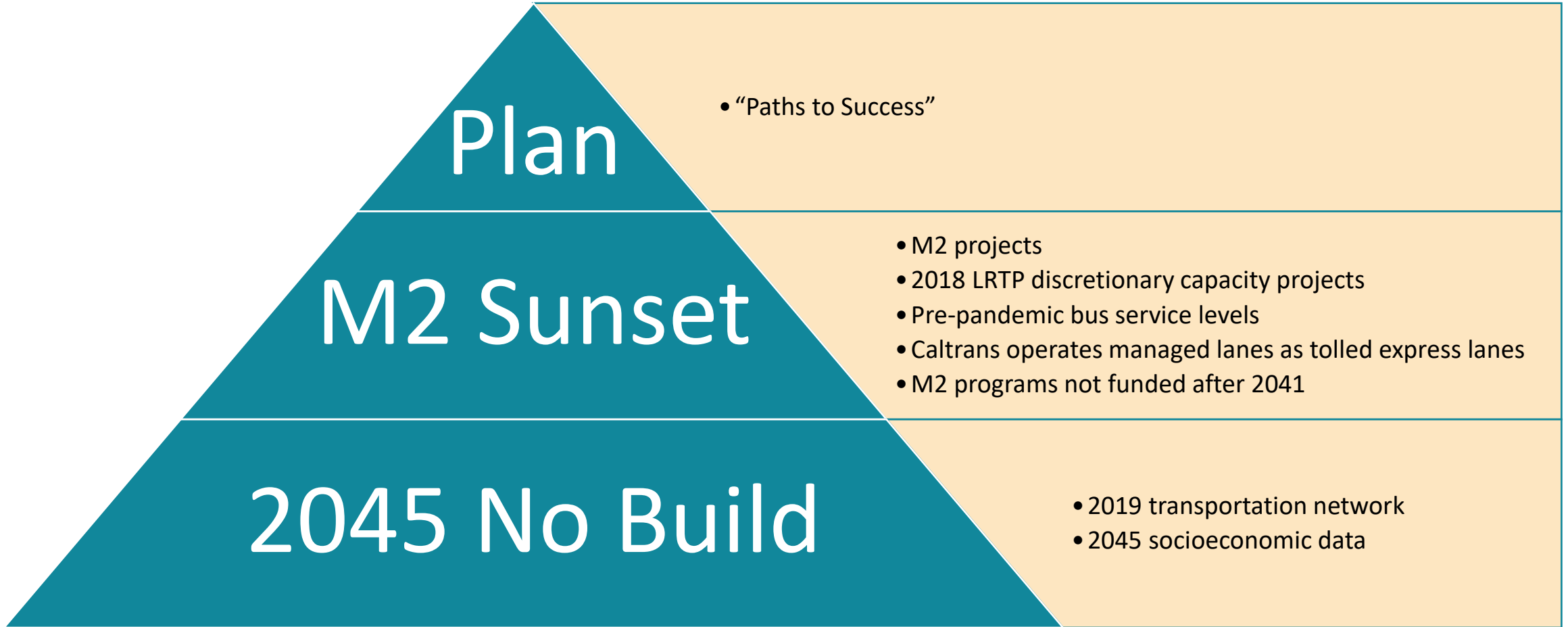


Expand System Choices



Support Sustainability

2045 Scenarios



LRTP: Paths to Success



DIRECTIONS 2045

LONG RANGE TRANSPORTATION PLAN

Sustainable, equitable, and innovative transportation solutions.



1. Extend or modify select M2 programs



2. Expand transit services



3. Enhance active transportation



4. Explore mobility integration



5. Eliminate freeway chokepoints



6. Embrace technology



7. Elevate maintenance and resilience priorities



THANK YOU

DIRECTIONS 2045 LONG RANGE TRANSPORTATION PLAN

