



## MEETING AGENDA

TIME/DATE: 9:30 a.m. / Wednesday, November 8, 2023

LOCATION: BOARD ROOM  
County of Riverside Administrative Center  
4080 Lemon Street, First Floor, Riverside

## COMMISSIONERS

**Chair** – Bob Magee

**Vice Chair** – Lloyd White

**Second Vice Chair** – Karen Spiegel

Kevin Jeffries, County of Riverside, District 1  
Karen Spiegel, County of Riverside, District 2  
Chuck Washington, County of Riverside, District 3  
V. Manuel Perez, County of Riverside, District 4  
Yxstian Gutierrez, County of Riverside, District 5  
Sheri Flynn / Rick Minjares, City of Banning  
Lloyd White / Julio Martinez, City of Beaumont  
Joseph DeConinck / Johnny Rodriguez, City of Blythe  
Linda Molina / Wendy Hewitt, City of Calimesa  
Jeremy Smith / Jennifer Dain, City of Canyon Lake  
Raymond Gregory / Mark Carnevale, City of Cathedral City  
Steven Hernandez / Stephanie Virgen, City of Coachella  
Wes Speake / Jim Steiner, City of Corona  
Scott Matas / Russell Betts, City of Desert Hot Springs  
Clint Lorimore / Todd Rigby, City of Eastvale  
Linda Krupa / Malcolm Lilienthal, City of Hemet  
Dana Reed / Ty Peabody, City of Indian Wells

Waymond Fermon / Oscar Ortiz, City of Indio  
Brian Berkson / Armando Carmona, City of Jurupa Valley  
Kathleen Fitzpatrick / Deborah McGarrey, City of La Quinta  
Bob Magee / Natasha Johnson, City of Lake Elsinore  
Bill Zimmerman / Dean Deines, City of Menifee  
Ulises Cabrera / Edward Delgado, City of Moreno Valley  
Cindy Warren / Ron Holliday, City of Murrieta  
Berwin Hanna / Katherine Aleman, City of Norco  
Jan Harnik / Kathleen Kelly, City of Palm Desert  
Lisa Middleton / To Be Appointed, City of Palm Springs  
Michael M. Vargas / Rita Rogers, City of Perris  
Meg Marker / Lynn Mallotto, City of Rancho Mirage  
Chuck Conder / Patricia Lock Dawson, City of Riverside  
Alonso Ledezma / Valerie Vandever, City of San Jacinto  
James Stewart / Jessica Alexander, City of Temecula  
Joseph Morabito / Ashlee DePhillippo, City of Wildomar  
Catalino Pining, Governor's Appointee Caltrans District 8



# **RIVERSIDE COUNTY TRANSPORTATION COMMISSION**

[www.rctc.org](http://www.rctc.org)

## **MEETING AGENDA\***

**\*Actions may be taken on any item listed on the agenda**

**9:30 a.m.**

**Wednesday, November 8, 2023**

**Board Room**

**County of Riverside Administrative Center**

**4080 Lemon Street, First Floor, Riverside, CA**

This meeting is being conducted in person as well as via teleconference. Please visit <https://rivco.org/constituent-speaking-request> to complete a speaker slip and receive further instructions to participate via teleconference. For members of the public wishing to submit written comments, please email comments to the Clerk of the Board at [lmobley@rctc.org](mailto:lmobley@rctc.org) prior to November 7, 2023, and your comments will be made part of the official record of proceedings.

*In compliance with the Brown Act and Government Code Section 54957.5, agenda materials distributed 72 hours prior to the meeting, which are public records relating to open session agenda items, will be available for inspection by members of the public prior to the meeting at the Commission office, 4080 Lemon Street, Third Floor, Riverside, CA, and on the Commission's website, [www.rctc.org](http://www.rctc.org).*

*In compliance with the Americans with Disabilities Act, Government Code Section 54954.2, and the Federal Transit Administration Title VI, please contact the Clerk of the Board at (951) 787-7141 if special assistance is needed to participate in a Commission meeting, including accessibility and translation services. Assistance is provided free of charge. Notification of at least 48 hours prior to the meeting time will assist staff in assuring reasonable arrangements can be made to provide assistance at the meeting.*

**1. CALL TO ORDER**

**2. ROLL CALL**

**3. PLEDGE OF ALLEGIANCE**

**4. PUBLIC COMMENTS** – *Each individual speaker is limited to speak three (3) continuous minutes or less. The Commission may, either at the direction of the Chair or by majority vote of the Commission, waive this three-minute time limitation. Depending on the number of items on the Agenda and the number of speakers, the Chair may, at his/her discretion, reduce the time of each speaker to two (2) continuous minutes. In addition, the maximum time for public comment for any individual item or topic is thirty (30) minutes. Also, the Commission may terminate public comments if such comments become repetitious. Speakers may not yield their time to others without the consent of the Chair. Any written documents to be distributed or presented to the Commission shall be submitted to the Clerk of the Board. This policy applies to Public Comments and comments on Agenda Items.*

*Under the Brown Act, the Commission should not take action on or discuss matters raised during public comment portion of the agenda that are not listed on the agenda. Commission members may refer such matters to staff for factual information or to be placed on the subsequent agenda for consideration.*

- 5. ADDITIONS / REVISIONS** – *The Commission may add an item to the Agenda after making a finding that there is a need to take immediate action on the item and that the item came to the attention of the Commission subsequent to the posting of the agenda. An action adding an item to the agenda requires 2/3 vote of the Commission. If there are less than 2/3 of the Commission members present, adding an item to the agenda requires a unanimous vote. Added items will be placed for discussion at the end of the agenda.*
- 6. CONSENT CALENDAR** – *All matters on the Consent Calendar will be approved in a single motion unless a Commissioner(s) requests separate action on specific item(s). Items pulled from the Consent Calendar will be placed for discussion at the end of the agenda.*

**6A. APPROVAL OF MINUTES – OCTOBER 11, 2023**

***Page 1***

**6B. SINGLE SIGNATURE AUTHORITY REPORT**

***Page 11***

***Overview***

This item is for the Commission to:

- 1) Receive and file the Single Signature Authority report for the first quarter ended September 30, 2023.

**6C. QUARTERLY SALES TAX ANALYSIS**

***Page 13***

***Overview***

This item is for the Commission to:

- 1) Receive and file the sales tax analysis for the Quarter 2, 2023 (2Q 2023).

**6D. MONTHLY INVESTMENT REPORT**

***Page 22***

***Overview***

This item is for the Commission to:

- 1) Receive and file the Monthly Investment Report for the month ended August 31, 2023.

**6E. MONTHLY INVESTMENT REPORT**

***Page 25***

***Overview***

This item is for the Commission to:

- 1) Receive and file the Monthly Investment Report for the month ended September 30, 2023.



**6F. 15 EXPRESS LANES MONTHLY STATUS REPORTS**

***Page 28***

***Overview***

This item is for the Commission to:

- 1) Receive and file the 15 Express Lanes Monthly Reports for the six months from January to June 2023.

**6G. 91 EXPRESS LANES MONTHLY STATUS REPORTS**

***Page 83***

***Overview***

This item is for the Commission to:

- 1) Receive and file the 91 Express Lanes Monthly Reports for the six months from January to June 2023.

**6H. AGREEMENT FOR ADVANCED TRAFFIC MANAGEMENT SYSTEM FOR 91 EXPRESS LANES**

***Page 210***

***Overview***

This item is for the Commission to:

- 1) Award Agreement No. 23-31-048-00 to Parsons Transportation Group Inc. for Advanced Traffic Management System (ATMS) for the 91 Express Lanes for a one-year term for implementation; five-year term for maintenance, and five one-year options to extend the agreement for additional maintenance in the amount of \$3,149,192; plus a contingency amount of \$472,379 for a total amount not to exceed \$3,621,571;
- 2) Approve Agreement No. 17-31-020-04, Amendment No. 4, to Agreement No. 17-31-020-00 with Parsons Transportation Group Inc. for maintenance services for an additional amount of \$125,894, and a total amount not to exceed \$976,828;
- 3) Authorize the Chair or Executive Director, pursuant to legal counsel review, to execute the agreements, including options, on behalf of the Commission; and
- 4) Authorize the Executive Director, or designee, to approve contingency work as may be required.

**6I. STATE AND FEDERAL LEGISLATIVE UPDATE**

***Page 357***

***Overview***

This item is for the Commission to:

- 1) Receive and file a state and federal legislative update.

**7. SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS PRESENTATION**

***Overview***

This item is for the Commission to:

- 1) Receive a presentation on the Connect SoCal 2024 Draft Plan.

**8. ITEM(S) PULLED FROM CONSENT CALENDAR AGENDA**

**9. EXECUTIVE DIRECTOR REPORT**

**10. COMMISSIONER COMMENTS**

***Overview***

This item provides the opportunity for brief announcements or comments on items or matters of general interest.

**11. ADJOURNMENT**

The next Commission meeting is scheduled to be held at 9:30 a.m. on **Wednesday, December 13, 2023.**

# **AGENDA ITEM 6A**

## **MINUTES**



# **RIVERSIDE COUNTY TRANSPORTATION COMMISSION**

## **MEETING MINUTES**

Wednesday, October 11, 2023

### **1. CALL TO ORDER**

The Riverside County Transportation Commission was called to order by Chair Bob Magee at 9:30 a.m. in the Board Room at the County of Riverside Administrative Center, 4080 Lemon Street, First Floor, Riverside, California, 92501. For public comment visit <https://rivco.org/constituent-speaking-request> to complete a speaker slip.

### **2. ROLL CALL**

#### **Commissioners/Alternates Present**

Brian Berkson  
Ulises Cabrera  
Chuck Conder  
Joseph DeConinck  
Kathleen Fitzpatrick  
Raymond Gregory  
Yxstian Gutierrez\*  
Berwin Hanna  
Jan Harnik  
Kevin Jeffries  
Linda Krupa  
Anthony Liao  
Clint Lorimore  
Bob Magee  
Meg Marker  
Scott Matas

\*Arrived after the meeting was called to order.

#### **Commissioners Absent**

Waymond Fermon  
Sheri Flynn  
Steven Hernandez  
V. Manuel Perez  
Karen Spiegel  
Lloyd White

### **3. PLEDGE OF ALLEGIANCE**

Commissioner Kevin Jeffries led the Commission in a flag salute.

At this time, Commissioner James Stewart joined the meeting.

### **4. PUBLIC COMMENTS**

There were no requests to speak from the public.

**5. ADDITIONS / REVISIONS**

There were no additions or revisions to the agenda.

**6. CONSENT CALENDAR**

**M/S/C (Vargas/Cabrera) to approve the following Consent Calendar items.**

**6A. APPROVAL OF MINUTES – SEPTEMBER 13, 2023**

**6B. ANNUAL INVESTMENT POLICY**

- 1) Approve the revised annual Investment Policy; and
- 2) Adopt Resolution No. 23-008, *“Resolution of the Riverside County Transportation Commission Regarding the Revised Investment Policy”*.

**6C. STATE AND FEDERAL LEGISLATIVE UPDATE**

- 1) Receive and file a state and federal legislative update.

**6D. 2024 STATE TRANSPORTATION IMPROVEMENT PROGRAM PROJECT RECOMMENDATIONS**

- 1) Approve programming \$51,215,772 of 2024 State Transportation Improvement Program (STIP) Western Riverside County and Palo Verde Valley target share funding capacity on the Interstate 15 Express Lanes Project Southern Extension (ELPSE), I-10 Bypass, and French Valley Parkway Phase III projects, and forward to the California Transportation Commission (CTC);
- 2) Include programming \$6,778,587 of 2024 STIP Coachella Valley target share funding capacity based on the project recommendation by the Coachella Valley Association of Governments (CVAG) and forward to the CTC;
- 3) Include programming Planning, Programming, and Monitoring (PPM) funds (3 percent of STIP target share programming capacity) in the amount of \$1,793,640 in Fiscal Years 2024/25 through 2028/29;
- 4) Submit the 2024 STIP submittal to the CTC by the statutory deadline of December 15, 2023;
- 5) Forward the Riverside County 2024 STIP project recommendations to the Southern California Association of Governments (SCAG) to conduct regional performance measures analysis as required by the CTC STIP guidelines;
- 6) Approve a revision to Agreement No. 07-71-028-05, Amendment No. 5 to Agreement No. 07-71-028-00, with the city of Blythe (Blythe) to trade

\$294,804 of Palo Verde Valley STIP funds with Measure A Western Riverside County Highway funds to facilitate delivery of local arterial projects for a revised total amount not to exceed \$4,588,934; and

- 7) Authorize the Executive Director, pursuant to legal counsel review, to execute the revised Agreement No. 07-71-028-05 on behalf of the Commission upon CTC adoption of the 2024 STIP in March 2024.

**6E. CITY OF COACHELLA'S STATION FEASIBILITY AND LAND USE AND TRANSIT NETWORK STUDY**

- 1) Approve Agreement No. 24-65-006-00, with the city of Coachella (City) for completion of the Coachella Rail Station Feasibility Study and Integrated Land Use and Transit Network Study (Study); and
- 2) Authorize the Chair or Executive Director, pursuant to legal counsel review, to execute the agreement and future non-funding agreements and/or amendments on behalf of the Commission.

**6F. MORENO VALLEY/MARCH FIELD METROLINK STATION TRACK AND PLATFORM EXPANSION PROJECT - SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY CONSTRUCTION COOPERATIVE AGREEMENT AMENDMENT**

- 1) Approve Agreement No. 21-33-097-01, Amendment No. 1 to Cooperative Agreement No. 21-33-097-00 between the Commission and Southern California Regional Rail Authority (SCRRA) for construction support services for the Moreno Valley/March Field Metrolink Station Track and Platform Expansion Project (Project) in the amount of \$717,080, plus a contingency amount of \$71,708, for an additional amount of \$788,788, and a total amount not to exceed \$3,451,888;
- 2) Approve an amendment to the Fiscal Year 2023/24- 2027/28 Short Range Transit Plan (SRTP) to reprogram \$788,788 of State Transit Assistance (STA) funds from the Downtown Riverside Metrolink Station Improvement Project to this Project;
- 3) Approve a FY 2023/24 budget adjustment of \$788,788 for both revenue and expenses related to the Project;
- 4) Authorize the Chair or Executive Director, pursuant to legal counsel review, to execute the agreement on behalf of the Commission; and
- 5) Authorize the Executive Director or designee to approve contingency work pursuant to the agreement terms up to the total amount.

**6G. COUNTYWIDE TRANSIT REPORT: FISCAL YEARS 2019/20 THROUGH 2021/22**

- 1) Receive and file the Countywide Transit Report for Fiscal Years 2019/20 through 2021/22.

## **6H. CITIZENS AND SPECIALIZED TRANSIT ADVISORY COMMITTEE TRANSIT NEEDS PUBLIC HEARING UPDATE**

- 1) Receive and file an update on the Citizens and Specialized Transit Advisory Committee (CSTAC) Transit Needs Public Hearing.

At this time, Commissioner Yxstian Gutierrez joined the meeting.

## **7. DRAFT UPDATE TO THE TRAFFIC RELIEF PLAN**

Aaron Hake, Deputy Executive Director, presented the Draft 2024 Traffic Relief Plan update, highlighting the following:

- How we got here
  - Transportation needs far exceed available funding
  - Extensive RCTC public engagement and outreach
  - Legislation
  - Commission leadership and direction
  - 2020 Traffic Relief Plan adoption (unanimous)
  - Review/update
  - Potential future ballot measure
- What the Traffic Relief Plan is
  - Transportation projects and services to meet the needs of Riverside County today and tomorrow
  - Expenditure plan for a potential ballot measure
  - Built based upon extensive public outreach and engagement – 2019, 2020, and 2023
- What the Traffic Relief Plan is Not – Funded (unless the voters approve funding)
- What's the same
  - Almost all projects and services proposed in 2020
  - Accountability measures
  - Equity and balance principles
- What's new
  - Removal of projects fully-funded
  - Addition of a few projects
  - Guaranteed formula funds of every city and the County (Western Riverside County)
  - Environmental mitigation investment category
  - Reorganization of road and transit investment categories
  - More detailed Coachella Valley section
- Traffic Relief Plan (TRP) Update: Investment Types – Safe Streets and Roads; Highways; Public Transportation; Regional Connections; Commuter Assistance; Active Transportation; Flood and Blowsand Control; and Environmental Mitigation



- TRP update: What we hear
  - Improve freeway traffic flow
  - Improve traffic flow and safety on major roads
  - Improve condition of existing roads
  - Sidewalk and safety improvements for pedestrians and cyclists
  - Increase frequency of public transportation
  - Bring daily passenger rail service to the Coachella Valley
  - Connect Riverside County by accelerating important projects
  - Provide more independence and opportunity
  - Utilize new technologies to improve efficiency and safety
- Accountability to taxpayers
  - Independent audits required
  - Efficiency and local control
  - Transparency and openness
  - Mandatory plan review and updates
  - Flexibility to expedite projects
  - Maintenance of effort
- Equity Among Regions of the County – Many residents of Riverside County live in areas that lack infrastructure, public transportation services, and face increasing traffic congestion
  - Ensure revenues raised in each region stay there
  - Address the needs of small, rural, and disadvantaged communities
  - Prioritize investments based on repair and upgrade needs
- Palo Verde Valley (Blythe)
  - Local road safety and maintenance
  - ADA improvements
  - Sidewalks and bike lanes
  - Interstate 10 interchanges
  - Vanpool
  - Reduced- or free-fare public transit
  - Replace and expanding bus fleet
  - Upgrade transit operating and maintenance facilities
  - Increasing public transit options
- Coachella Valley
  - The Coachella Valley Association of Governments (CVAG) manages funding distribution
  - Projects funded from multiple categories
  - Transportation Project Prioritization Study (TPPS)
  - Vehicle miles traveled (VMT) mitigation, support of transit-oriented development (TOD)/housing, Coachella Valley Multiple Species Habitat Conservation Plan (CVMSHCP)
- Western Riverside County
  - Safe Streets and Roads – 8 percent

- Highways – 25 percent
- Regional Connections – 12 percent
- Public Transportation – 25 percent
- Environmental Mitigation – 25 percent
- Commuter Assistance – 2 percent
- Active Transportation – 3 percent
- Revenue assumption
  - 1 percent sales tax
  - 30-year planning horizon
  - Conservative revenue estimate
    - ✓ \$25 billion over 30 years
      - \$20 billion in Western Riverside County
      - \$5 billion in Coachella Valley
      - \$100 million in Palo Verde Valley
  - Other local, state, and federal matching funds required
  - Bonding
- Next steps

Chair Magee reminded the Commissioners they will have other opportunities to make comments on this as this is just the first airing of the draft TRP document.

Commissioner Linda Krupa thanked Aaron Hake for the presentation and clarified on the assumption of the 1 percent sales tax if that is an increase of 1 percent or an increase of a half percent.

Aaron Hake replied that it would be in addition to the half cent that Measure A provides. Commissioner Krupa replied that it would be the full increase of 1 percent. Aaron Hake concurred.

Chair Magee clarified in Aaron Hake's presentation he talked about the Environmental Mitigation investment and the goal would be to complete all the land acquisition and fulfill the original commitment of the Multiple Species Habitat Conservation Plan (MSHCP), which probably comes with a significant price tag. He suggested if they are going to do this to look back at the history. Chair Magee explained 20 years ago all the resource agencies announced they would be cooperative partners, that this would allow for expedited processing of road and development projects, that they would be financial partners, and the adoption of the MSHCP would still allow for local control. He expressed they have been less than adequate partners and before the Commission puts anymore taxpayer money toward this, the Commission needs to ask their partners to recommit to their part of the bargain and in order to complete the land acquisition they need to be able to do what they promised from the beginning and fulfill those commitments going forward.

Commissioner Chuck Washington clarified with Chair Magee if the Commission were to move forward with the TRP and a sales tax measure was on a ballot and succeeded and there was funding then the Commission would re-evaluate at that time how much the Commission wants to commit of that funding. Chair Magee replied that is correct.

Commissioner Wes Speake requested to display the slide with the Western Riverside County percentages and clarified 25 percent of this money is going towards highways, 25 percent is going towards public transportation, and an equal amount will go toward Environmental Mitigation that is not just for the MSHCP that is for vehicle miles traveled (VMT) and how much of that 25 percent is VMT versus what is going to the MSHCP.

Aaron Hake replied that the way the draft TRP is drafted, subject to the Commissioners' input, is half of that 25 percent would go towards MSHCP until acquisition endowment are fully funded and the remainder would be at the discretion of the Commission between the other eligible types of mitigation.

Commissioner Speake expressed the burden for a lot of the Commissioners has been the MSHCP and it has morphed over the years. He stated being involved in both the CVMSHCP and the MSHCP and VMT mitigation is massive it is going to be seen in their own projects and they do not currently have a mitigation strategy for that other than what has been presented. There are some mitigation banking ideas at the state level that he has been trying to lend his loud voice to and he highly recommends the Commissioners go back and ask whether or not their city supports mitigation banking for VMT because it is very important.

Anne Mayer, Executive Director, explained staff is really trying hard with this TRP to write it in away that is clear enough as to what the intent is but also to give this Commission flexibility to make choices within each of those investment types. The Environmental Mitigation component can be a variety of different things VMT mitigation is one of them, but she would argue that VMT mitigation could look like investment in the Coachella Valley Rail Project, or investment in additional transit service for Riverside Transit Agency (RTA), or acquisition of lands for conservation purposes. Staff is working closely with Western Riverside Council of Governments (WRCOG) and RTA and WRCOG is working with some of its jurisdictions related to VMT mitigation banking and what it might look like. There is a lot of work yet to be done of what VMT mitigation looks like this conversation is taking place across the state and she is hoping there will be informed decisions made about what VMT mitigation looks like.

Commissioner Jan Harnik expressed appreciation for the approach taken with VMT mitigation because it is logical it makes perfect sense, and she enjoys hearing the CV Rail Project associated with that. She clarified she got a little confused with Chair Magee's comments made about the issue with the partnership with the CVMSHCP and MSHCP and then she heard Commissioner Washington's comments so after they get this through then the Commission will submit that relationship and make sure that everybody understands

what the partnership means. She suggested the Commission should do that before they vote on it as it needs to be abundantly clear within that effort what the relationship is going to be like going forward.

Commissioner Washington replied his assumption was that all that action is going into the language of what goes on the ballot. Aaron Hake replied understood.

Commissioner Washington stated what he directed to Chair Magee is the Commission needs to come to some sort of agreement on how that should be spent and that is what the Commission submits for the ballot language.

**M/S/C (Marker/Harnik) to:**

- 1) Approve the Draft 2024 Traffic Relief Plan for public outreach and engagement; and**
  - 2) Direct staff to return to the Commission in early 2024 with the results of public outreach and engagement efforts and a finalized 2024 Traffic Relief Plan.**
- Abstain: Jeffries**

**9. ITEM(S) PULLED FROM CONSENT CALENDAR FOR DISCUSSION**

There were no items pulled from the Consent Calendar.

**10. EXECUTIVE DIRECTOR'S REPORT**

Anne Mayer announced:

- Interstate 15 / State Route 91 area and/or the 91 Corridor - there is a lot of activity as the 15/91 Express Lane Connector Project is getting closer to being completed so stayed tuned for upcoming discussions as to when that will be open. Also, there is a great deal of false work that is being placed along side of that corridor to start construction of the connector from the eastbound 91 to the northbound 71. This week RCTC is starting with full closures of the eastbound 91 which will occur for the next several weeks and then the westbound direction as Skanska is installing that falsework over the 91. Construction alerts have been issued and there is a Press Conference scheduled today to get the word out.

Commissioner Cindy Warren requested to have the closures be sent to the Commissioners so they can be announced at their city council meetings.

## **11. COMMISSIONER COMMENTS**

- 11A.** Commissioner Reed announced Secretary Toks Omishakin of the State Transportation Agency has formed a working group called the Los Angeles-San Diego Corridor Regional Working Group to look at the Commuter Rail service run by LOSSAN, which he represents RCTC as a member of the Board of Directors. He was appointed by Secretary Omishakin as a member of this working group and they met at San Diego Association of Governments on October 10 there were representatives from federal, state, regional, transportation agencies, the private sector, and members of the public were there. LOSSAN is important because it is presumed the organization that would likely manage the CV Rail and expressed appreciation that on two separate occasions two separate speakers mentioned CV Rail by name as a project they are endorsing and expect to see come to fruition.
- 11B.** Commissioner Brian Berkson announced from December 26 through December 29 Metrolink will shut down its entire operation for a four-day period and they are going to finish a three-year project putting in the new equipment at LA Union Station. He requested to let their constituents know and that there will be plenty of press releases as the date gets closures.

Anne Mayer announced the 2023 Mobility 21 Summit was held on September 28 and 29 it was very well attended, and several of the Commissioners were there. There were good conversations amongst the panels and Aaron Hake, Deputy Executive Director, served on a panel talking about tolling, she moderated a panel on goods movement, and served on a panel talking about the state and federal legislative update. The most important part were comments made by Speaker Robert Rivas as he spoke about transportation and infrastructure from the perspective of a region that is not urban, and he seemed to understand how transportation is not a one size fits all and it could be important from a policy standpoint. She stated within the next month or two staff will be bringing the 2024 legislative platform recommendations and encouraged the Commissioners to remain active legislatively as this could be interesting in terms of some the policy direction that is being seen coming out of the Assembly with relationship to transportation. Some of the policy decisions have been harmful to their ability here in Riverside County and the Inland Empire to serve the people. The video of Speaker Rivas' comments is up on the Mobility 21 website, and she is optimistic that 2024 will be a good legislative year.

**12. ADJOURNMENT**

There being no further business for consideration by the Riverside County Transportation Commission, Chair Magee adjourned the meeting at 10:05 a.m. The next Commission meeting is scheduled to be held at 9:30 a.m. on Wednesday, November 8, 2023.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Lisa", with a long horizontal flourish extending to the right.

Lisa Mobley  
Administrative Services Director /  
Clerk of the Board

# **AGENDA ITEM 6B**





<b><i>RIVERSIDE COUNTY TRANSPORTATION COMMISSION</i></b>	
<b>DATE:</b>	November 8, 2023
<b>TO:</b>	Riverside County Transportation Commission
<b>FROM:</b>	Alicia Johnson, Senior Procurement Analyst Jose Mendoza, Procurement Manager
<b>THROUGH:</b>	Anne Mayer, Executive Director
<b>SUBJECT:</b>	Single Signature Authority Report

**STAFF RECOMMENDATION:**

This item is for the Commission to:

- 1) Receive and file the Single Signature Authority report for the first quarter ended September 30, 2023.

**BACKGROUND INFORMATION:**

Certain contracts are executed under single signature authority as permitted in the Commission's Procurement Policy Manual adopted in March 2021. The Executive Director is authorized to sign services contracts that are less than \$250,000 individually and in an aggregate amount not to exceed \$2 million in any given fiscal year. Additionally, in accordance with Public Utilities Code Section 130323(c), the Executive Director is authorized to sign contracts for supplies, equipment, materials, and construction of all facilities and works under \$50,000 individually.

The attached report details all contracts that have been executed for the first quarter ended September 30, 2023, under the single signature authority granted to the Executive Director. The unused capacity of single signature authority for services as of September 30, 2023, is \$1,954,000.

Attachment: Single Signature Authority Report as of September 30, 2023



**SINGLE SIGNATURE AUTHORITY  
AS OF SEPTEMBER 30, 2023**

CONTRACT #	CONSULTANT	DESCRIPTION OF SERVICES	ORIGINAL CONTRACT AMOUNT	PAID AMOUNT	REMAINING CONTRACT AMOUNT
AMOUNT AVAILABLE July 1, 2023			\$2,000,000.00		
23-18-071-00	Koff and Associates	Classificaiton & Compensation Study	10,000.00	0.00	10,000.00
23-18-111-00	County of Riverside	Memorandum of Understanding for Riverside County Talent domain administration, licenses, and training	15,000.00	0.00	15,000.00
24-31-003-00	Center for Natural Land Management	Property Analysis Record for the San Timoteo and Sweeney Easement and Endowment Oversight	21,000.00	10,500.00	10,500.00
AMOUNT USED			46,000.00		
AMOUNT REMAINING through September 30, 2023			\$1,954,000.00		
Agreements that fall under Public Utilities Code 130323 (C)					
None	N/A		\$-	\$-	\$-
Alicia Johnson Prepared by		Matthew Wallace Reviewed by			
Note: Shaded area represents new contracts listed in the first quarter.					



# **AGENDA ITEM 6C**



<b><i>RIVERSIDE COUNTY TRANSPORTATION COMMISSION</i></b>	
<b>DATE:</b>	November 8, 2023
<b>TO:</b>	Riverside County Transportation Commission
<b>FROM:</b>	Matt Wallace, Deputy Director of Financial Administration Sergio Vidal, Chief Financial Officer
<b>THROUGH:</b>	Anne Mayer, Executive Director
<b>SUBJECT:</b>	Quarterly Sales Tax Analysis

**STAFF RECOMMENDATION:**

This item is for the Commission to:

- 1) Receive and file the sales tax analysis for the Quarter 2, 2023 (2Q 2023).

**BACKGROUND INFORMATION:**

At its June 2023 meeting, the Commission awarded an agreement with MuniServices, an Avenu Insights and Analytics Company (MuniServices), for quarterly sales tax reporting services plus additional fees contingent on additional sales tax revenues generated from the transactions and use tax (sales tax) audit services. The services performed under this agreement pertain to only the Measure A sales tax revenues.

Since the commencement of these services, MuniServices submitted audits, which reported findings and submitted to the California Department of Tax and Fee Administration (CDTFA), for review and determination of errors in sales tax reporting related to 1,649 businesses. Through 1Q 2023, the CDTFA approved \$16,918,734 of cumulative sales tax revenues recovered for the Commission. If CDTFA concurs with the error(s) for the remaining claims, the Commission will receive additional revenues; however, the magnitude of the value of the remaining findings was not available. It is important to note that while the recoveries of additional revenues will be tangible, it will not be sufficient to alter the overall trend of sales tax revenues.

MuniServices provided the Commission with the Quarterly Sales Tax Digest Summary report for 2Q 2023. Most of the 2Q 2023 Measure A sales tax revenues were received in the second quarter of calendar year 2023, during June 2023 through August 2023, due to a lag in the sales tax calendar. The summary section of the 2Q 2023 report is attached and includes an overview of California's economic outlook, local results, historical cash collections analysis by quarter, top 25 sales/use tax contributors, historical sales tax amounts, annual sales tax by business category, and five-year economic trend (general retail).

Taxable transactions for the top 25 contributors in Riverside County generated 26.65 percent of taxable sales for the benchmark year ended 2Q 2023, slightly more than the benchmark year ended 2Q 2022 at 26.29 percent. The top 100 tax contributors generated 40.60 percent for the benchmark year ended 2Q 2023, more than the 39.92 percent for the benchmark year ended 2Q 2022.

In the Economic Category Analysis below, four of the six categories experienced new highs in the 2Q 2023 benchmark year compared to the prior eight benchmark years.

ECONOMIC CATEGORY ANALYSIS									
% of Total / % Change	RCTC	State Wide	Orange County	Riverside County	S.F. Bay Area	Sacramento Valley	Central Valley	South Coast	North Coast
General Retail	28.6 / -0.7	28.0 / 1.3	26.9 / 2.9	34.4 / 1.6	23.5 / -2.1	28.5 / 3.0	36.6 / -1.0	26.7 / 2.1	26.8 / -5.0
Food Products	16.7 / 3.2	20.8 / 4.7	20.5 / 3.3	17.9 / -1.0	22.8 / 8.6	16.6 / 6.3	14.7 / 2.8	22.6 / 4.0	17.9 / -2.7
Transportation	23.8 / -2.2	24.2 / 0.6	25.5 / 5.8	24.1 / -2.3	20.0 / -0.5	26.8 / -2.2	22.8 / -1.7	25.0 / 0.9	29.5 / -7.5
Construction	10.9 / 2.0	9.8 / -1.5	8.2 / 0.2	12.1 / -4.9	10.6 / -2.0	12.6 / -4.7	10.1 / -3.8	8.8 / 0.3	14.7 / -3.0
Business to Business	16.6 / 13.0	16.2 / 1.3	18.0 / 4.1	10.9 / 3.7	21.9 / -0.4	14.5 / 5.7	15.1 / 1.1	15.9 / 0.5	10.2 / -12.5
Miscellaneous	3.4 / 1.1	1.0 / 2.7	0.9 / 6.7	0.6 / -0.1	1.2 / 9.2	1.0 / 0.6	0.8 / -0.1	1.1 / 0.4	0.9 / 8.2
Total	100.0 / 2.2	100.0 / 1.5	100.0 / 3.7	100.0 / -0.4	100.0 / 1.0	100.0 / 1.4	100.0 / -0.6	100.0 / 1.8	100.0 / -5.8

General Retail: Apparel Stores, Department Stores, Furniture/Appliances, Drug Stores, Recreation Products, Florist/Nursery, and Misc. Retail

Food Products: Restaurants, Food Markets, Liquor Stores, and Food Processing Equipment

Construction: Building Materials Retail and Building Materials Wholesale

Transportation: Auto Parts/Repair, Auto Sales - New, Auto Sales - Used, Service Stations, and Misc. Vehicle Sales

Business to Business: Office Equip., Electronic Equip., Business Services, Energy Sales, Chemical Products, Heavy Industry, Light Industry, Leasing, Biotechnology, I.T. Infrastructure, and Green Energy

Miscellaneous: Health & Government, Miscellaneous Other, and Closed Account Adjustments

An analysis of sales tax performance through 2Q 2023 is attached and illustrates consistent cycles for sales tax performance for most of the economic categories since 2Q 2018, apart from COVID-19 impacts for some categories.

For the top 10 economic segments (miscellaneous retail, auto sales – new, restaurants, department stores, building materials – wholesale, service stations, food markets, heavy industry, building materials – retail, and apparel stores) during the past eight benchmark year quarters, sales tax reached a new high point in 2Q 2023 for six out of ten categories. The economic segments represent 72.9 percent of the total sales tax receipts. For the remaining 21 economic segments representing 27.1 percent of total sales tax receipts, 8 economic segments representing 12.4 percent of total sales tax receipts reached new high points in the benchmark year 2Q 2023.

In the Economic Segment Analysis below, miscellaneous retail, which includes online retailers, is RCTC's largest economic segment, followed by auto sales – new and restaurants. Since the benchmark year 2Q 2016, each of these segments has realized significant sales tax growth. Miscellaneous retail has increased 160 percent, auto sales – new has increased 62 percent, and the restaurant segment has increased 59 percent when comparing benchmark year 2Q 2016 to benchmark year 2Q 2023. The increase related to online sales is largely a result of the recent legislation to tax online sales along with general consumer spending shifting from brick and mortars to online.



As noted, auto sales-new and restaurants have also experienced increases since 2Q 2016 due to general price increases (inflation) and improved consumer demand.

ECONOMIC SEGMENT ANALYSIS									
	RCTC	State Wide	Orange County	Riverside County	S.F. Bay Area	Sacramento Valley	Central Valley	South Coast	North Coast
Largest Segment	Miscellaneous Retail	Restaurants	Restaurants	Miscellaneous Retail	Restaurants	Miscellaneous Retail	Miscellaneous Retail	Restaurants	Auto Sales - New
% of Total / % Change	11.7 / 2.0	14.9 / 7.6	15.2 / 6.7	17.2 / 6.6	16.8 / 12.6	11.3 / 10.1	14.1 / 5.4	16.6 / 6.7	11.3 / -5.3
2nd Largest Segment	Auto Sales - New	Auto Sales - New	Auto Sales - New	Restaurants	Auto Sales - New	Restaurants	Department Stores	Auto Sales - New	Restaurants
% of Total / % Change	11.5 / 0.4	11.6 / 3.3	14.7 / 11.1	11.4 / 3.3	9.7 / 2.2	11.3 / 7.4	11.0 / -0.9	12.9 / 4.0	11.3 / -2.7
3rd Largest Segment	Restaurants	Miscellaneous Retail	Miscellaneous Retail	Auto Sales - New	Department Stores	Auto Sales - New	Restaurants	Miscellaneous Retail	Service Stations
% of Total / % Change	10.6 / 4.3	9.5 / 7.9	8.9 / 9.3	11.1 / 0.8	7.6 / 0.3	11.3 / 1.5	9.8 / 4.1	8.2 / 11.6	11.0 / -9.1

Information regarding sales tax comparison by city and change in economic segments (two highest gains and two highest declines) for 2Q 2023 to 2Q 2022 is attached.

Staff will monitor sales tax receipts and other available economic data to determine the need for any adjustments to the revenue projections. Staff will utilize the forecast scenarios with the complete report and receipt trends in assessing such projections.

**FISCAL IMPACT:**

This is an information item. There is no fiscal impact.

**Attachments:**

- 1) Sales Tax Digest Summary 2Q 2023
- 2) Sales Tax Performance Analysis by Quarter 2Q 2023
- 3) Quarterly Sales Tax Comparison by City for 2Q 2023 to 2Q 2022



# Riverside County Transportation Commission

## Sales Tax Digest Summary

**Collections through August 2023**  
**Sales through June 2023 (2023Q2)**

### CALIFORNIA'S ECONOMIC OUTLOOK

California sales tax receipts decreased by 1.0% over the same quarter from the previous year, with Northern California reporting a 1.0% decrease compared to a 1.0% decrease for Southern California. Receipts for the RCTC increased by 2.1% over the same periods.

Real Gross Domestic Product (GDP) increased at an annual rate of 2.6% in the second quarter of 2023. U.S. inflation decreased to 4.8% in June of 2023 compared to 9.1% the same month a year ago. California's headline inflation decreased to 3.1% year over year as of June of 2023, down from 8.3% in June of 2022. (DIR, BEA, BLS, August Finance Bulletin)

The U.S. unemployment rate remained unchanged at 3.5% in July of 2023. California's unemployment rate increased to 4.9% in July of 2023, 0.5 percentage point higher than March of 2023 rate of 4.4%. (BLS, August Finance Bulletin)

U.S. personal income increased by 5.5% for the second quarter of 2023, compared to same quarter previous year. Compensation of employees increased by 5.6% while personal current taxes decreased by 9.2% from the previous period, resulting in a net gain of 8.0% in disposable income. The increase of disposable income generated a 47.1% increase in US personal savings for the second quarter of 2023, compared to the same quarter previous year. (BEA)

### LOCAL RESULTS

#### Net Cash Receipts Analysis

Local Collections	\$72,952,595
Less: Cost of Administration	\$(584,040)
Net 2Q2023 Receipts	\$72,368,555
Net 2Q2022 Receipts	\$70,860,742
Actual Percentage Change	2.1%

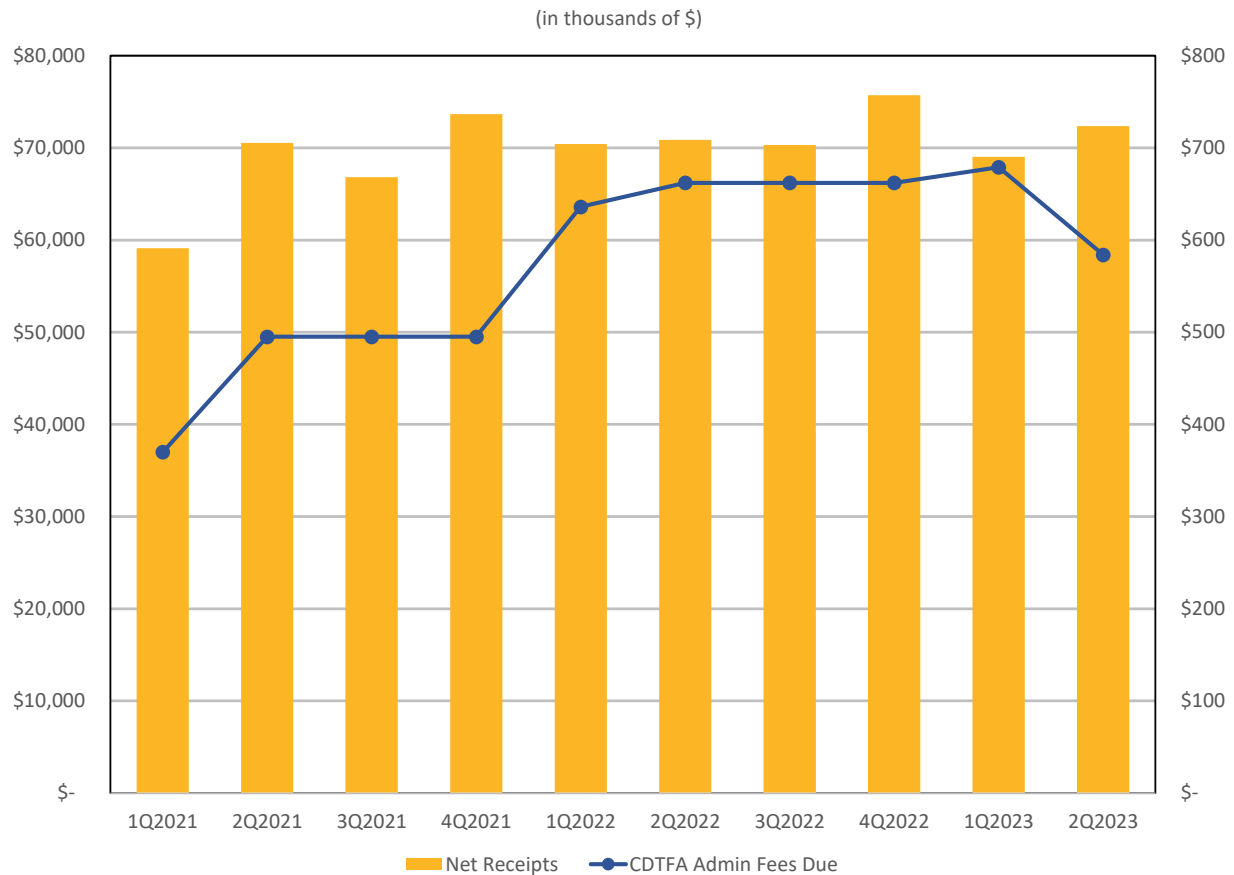
#### Business Activity Performance Analysis

Local Collections – Economic Basis 2Q2023	\$72,005,523
Local Collections – Economic Basis 2Q2022	\$73,792,703
Quarter over Quarter Change	-\$1,787,180
Quarter over Quarter Percentage Change	-2.4%

#### Avenu Insights & Analytics' On-Going Audit Results

Total Recovered Since Inception	\$16,918,734
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## HISTORICAL CASH COLLECTIONS ANALYSIS BY QUARTER



## TOP 25 SALES/USE TAX CONTRIBUTORS

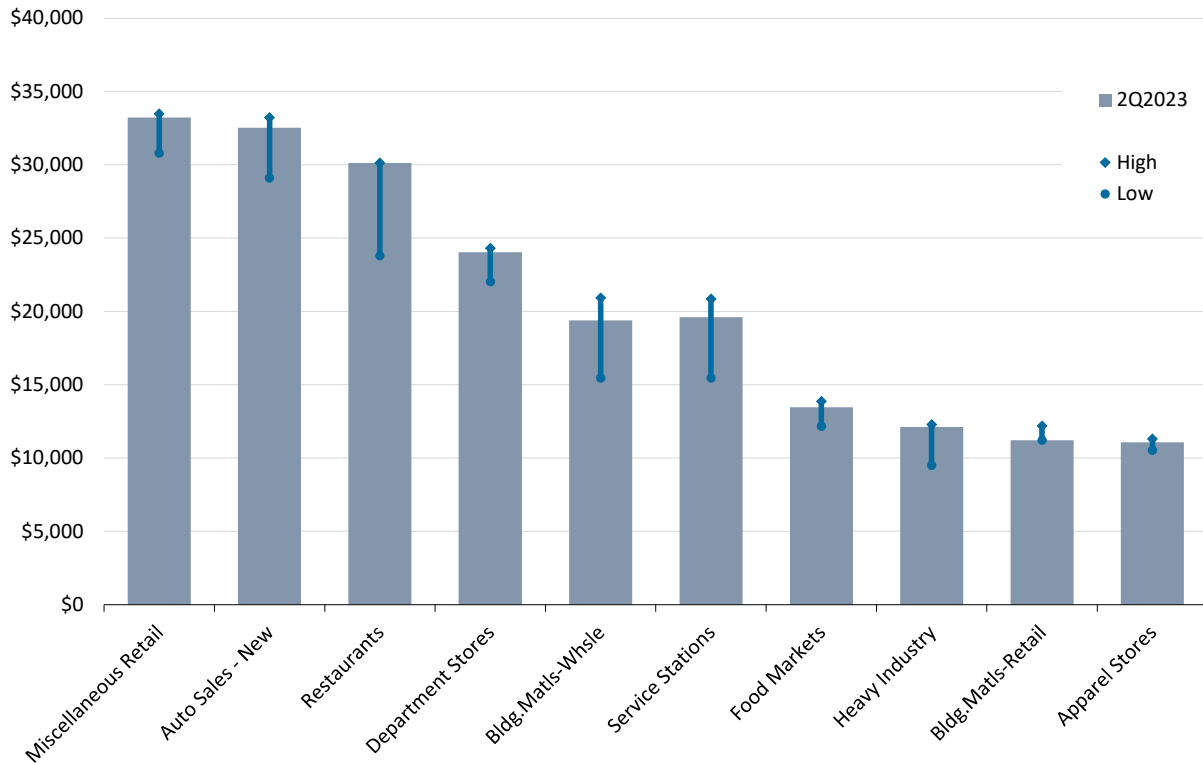
The following list identifies RCTC's Top 25 Sales/Use Tax contributors. The list is in alphabetical order and represents sales from May 2022 to June of 2023. The Top 25 Sales/Use Tax contributors generate 26.6% of RCTC's total sales and use tax revenue.

7-ELEVEN FOOD STORES	LOWE'S HOME CENTERS
AMAZON.COM – EC	MCDONALD'S RESTAURANTS
AMAZON.COM SERVICES – EC	RALPH'S GROCERY COMPANY
ARCO AM/PM MINI MARTS	ROSS STORES
BEST BUY STORES	SAM'S CLUB
CARMAX AUTO SUPERSTORES	SHELL SERVICE STATIONS
CED LIGHTING SOLUTIONS	STATER BROS MARKETS
CHEVRON SERVICE STATIONS	TARGET STORES
CIRCLE K FOOD STORES	TESLA
COSTCO WHOLESALE	TRINA SOLAR
DEPARTMENT OF MOTOR VEHICLES	VERIZON WIRELESS
FIRST SOLAR	WAL MART STORES
HOME DEPOT	

\* "- EC" added to the end of business names represent electronic commerce.

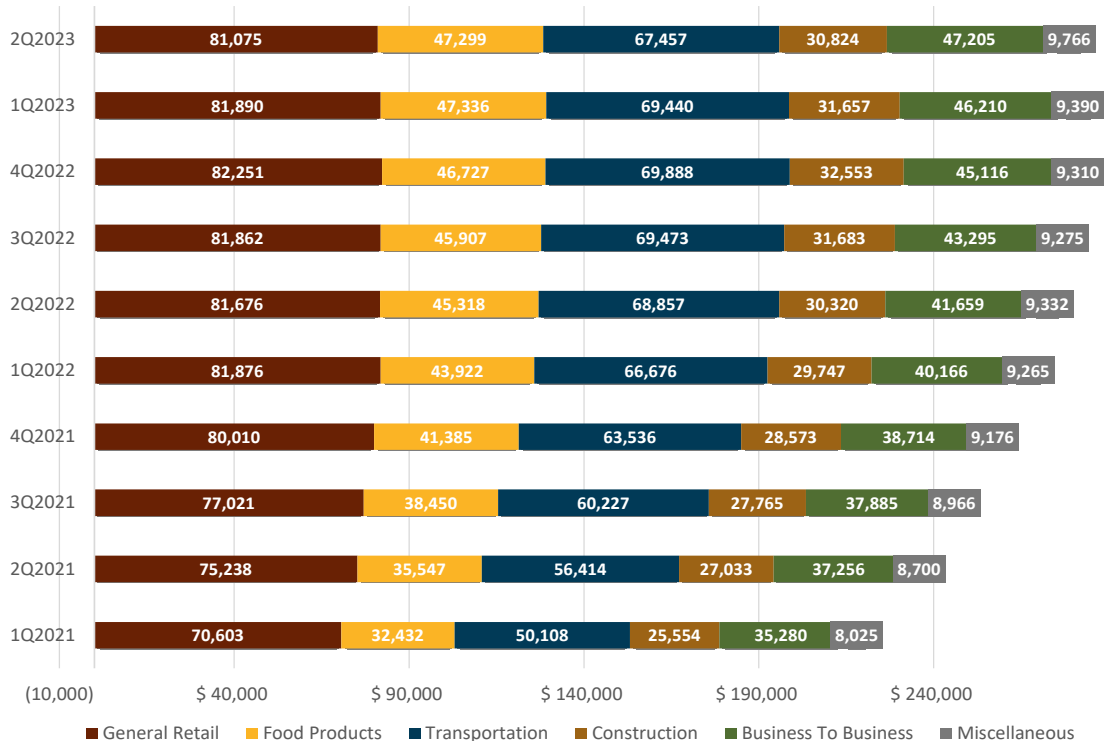
## HISTORICAL SALES TAX AMOUNTS

The following chart shows the sales tax level from annual sales through June of 2023, the highs, and the lows for the top ten segments over the last two years in thousands of \$.

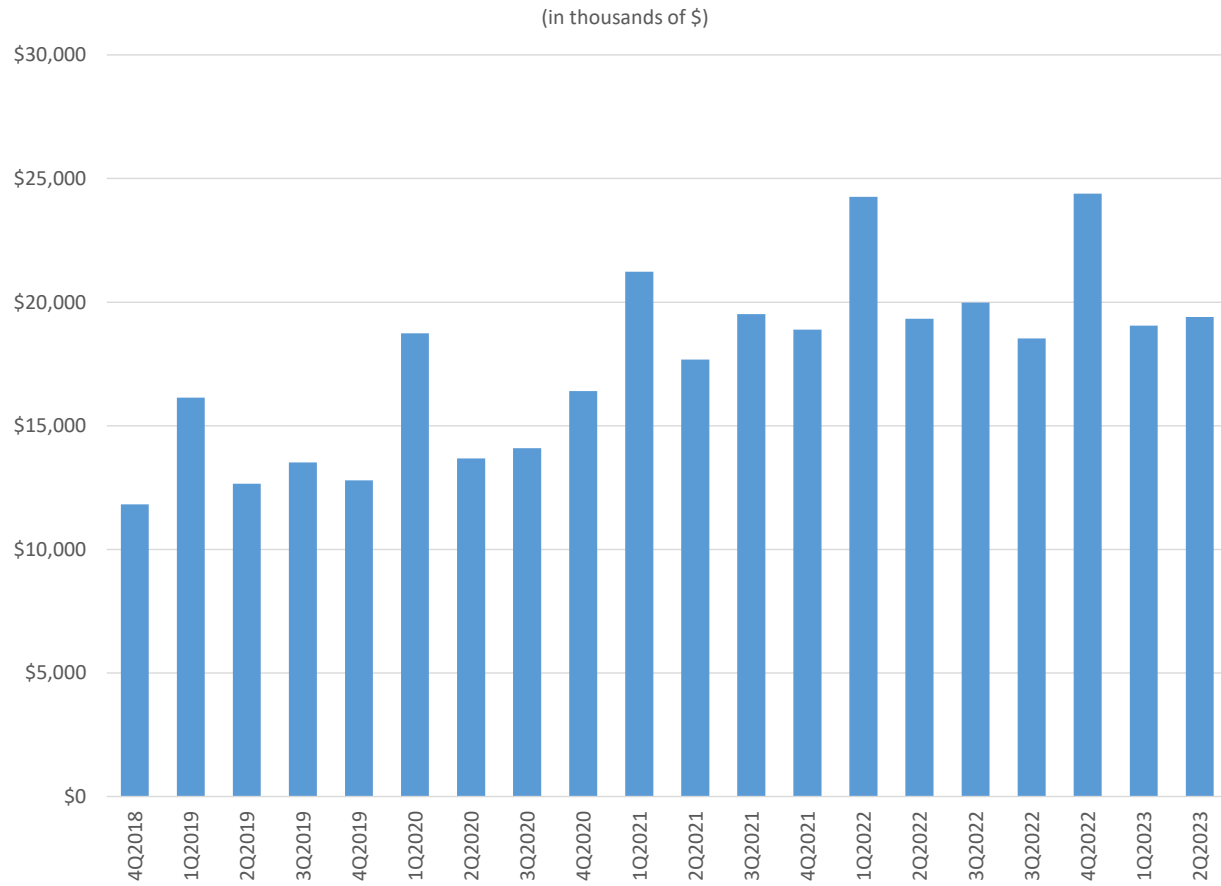


## ANNUAL SALES TAX BY BUSINESS CATEGORY

(in thousands of \$)



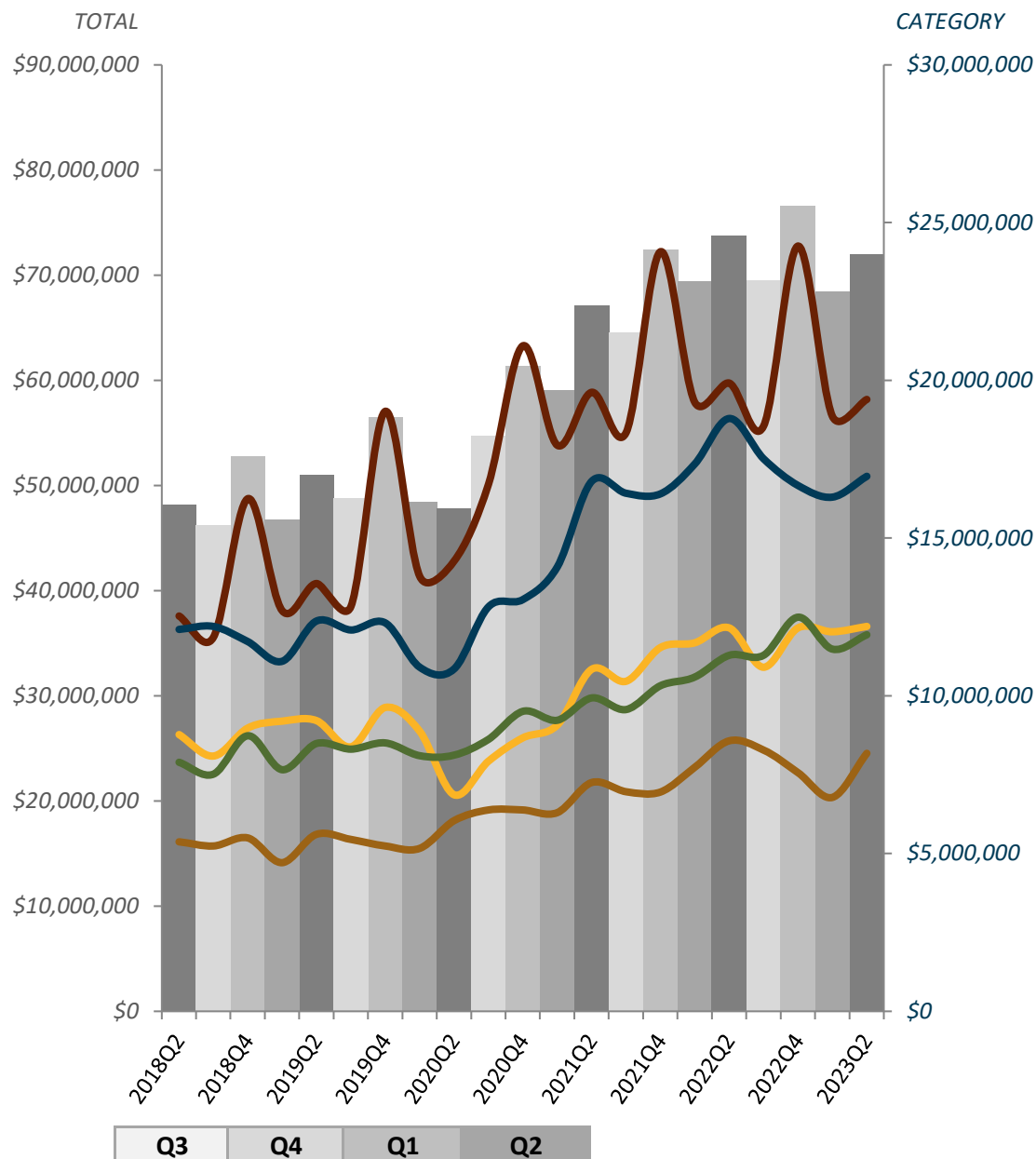
## FIVE-YEAR ECONOMIC TREND: General Retail



## TOTAL

Confidential

Economic



### TOTAL

2023Q2	QoQ %Δ	QoQ \$Δ	YoY %Δ	YoY \$Δ
\$72,005,523	-2.4%	-\$1,787,180	2.2%	\$6,286,778

### GENERAL RETAIL

2023Q2	QoQ %Δ	QoQ \$Δ	YoY %Δ	YoY \$Δ
\$19,402,619	-2.6%	-\$511,906	-0.7%	-\$589,032
% of 2023Q2 Total:		26.9%		

### FOOD PRODUCTS

2023Q2	QoQ %Δ	QoQ \$Δ	YoY %Δ	YoY \$Δ
\$12,199,923	0.4%	\$45,005	3.2%	\$1,461,861
% of Total:		16.9%		

### TRANSPORTATION

2023Q2	QoQ %Δ	QoQ \$Δ	YoY %Δ	YoY \$Δ
\$16,963,888	-9.8%	-\$1,833,107	-2.2%	-\$1,515,737
% of Total:		23.6%		

### CONSTRUCTION

2023Q2	QoQ %Δ	QoQ \$Δ	YoY %Δ	YoY \$Δ
\$8,182,203	-4.6%	-\$391,965	2.0%	\$597,283
% of Total:		11.4%		

### BUSINESS TO BUSINESS

2023Q2	QoQ %Δ	QoQ \$Δ	YoY %Δ	YoY \$Δ
\$11,939,882	5.8%	\$649,907	13.0%	\$5,435,963
% of Total:		16.6%		

QoQ = 23Q2 / 22Q2

YoY = YE 23Q2 / YE 22Q2





	General Retail	Food Products	Transportation	Construction	Business To Busi	Miscellaneous	Apr - Jun 2023 (2023Q2)	Apr - Jun 2022 (2022Q2)	% Chg	Gain	Gain	Decline	Decline
<b>RIVERSIDE COUNTY</b>													
BANNING	0.7%	7.8%	-11.0%	-15.1%	86.6%	3.6%	809,569	817,627	-1.0%	Electronic Equipment	Light Industry	Auto Sales - New	Service Stations
BEAUMONT	-16.9%	-1.6%	-18.3%	-10.9%	2.8%	-12.3%	5,622,602	6,665,937	-15.7%	Light Industry	Auto Parts/Repair	Miscellaneous Retail	Service Stations
BLYTHE	-16.7%	10.9%	-3.0%	-24.1%	0.7%	-19.6%	417,160	433,164	-3.7%	Restaurants	Auto Sales - New	Service Stations	Bldg.Matls-Whsle
CALIMESA	0.1%	7.9%	-11.0%	-26.1%	-23.8%	-43.4%	358,746	372,437	-3.7%	Restaurants	Food Markets	Service Stations	Light Industry
CANYON LAKE	7.6%	-1.1%	-7.7%	1031.4%	24.5%	28.1%	101,050	98,223	2.9%	Heavy Industry	Recreation Products	Office Equipment	Service Stations
CATHEDRAL CITY	-7.0%	-3.9%	-0.7%	2.4%	-3.5%	-20.0%	3,040,096	3,100,936	-2.0%	Auto Sales - New	Leasing	Service Stations	Restaurants
COACHELLA	0.8%	9.0%	-6.2%	5.0%	-29.2%	11.7%	1,187,363	1,243,579	-4.5%	Restaurants	Food Markets	Energy Sales	Service Stations
COUNTY OF RIVERSIDE	-4.3%	-4.4%	-7.8%	-20.4%	14.4%	-70.9%	11,088,228	11,743,746	-5.6%	Green Energy	Heavy Industry	Bldg.Matls-Whsle	Light Industry
DESERT HOT SPRINGS	-6.8%	5.7%	-9.1%	-13.1%	4.8%	9.3%	524,159	541,830	-3.3%	Restaurants	Food Markets	Service Stations	Miscellaneous Retail
EASTVALE	12.7%	11.2%	-7.9%	5.6%	-16.1%	6.0%	10,850,223	9,773,870	11.0%	Miscellaneous Retail	Bldg.Matls-Whsle	Department Stores	Service Stations
HEMET	-2.7%	1.4%	-12.3%	2.6%	-17.4%	-4.3%	3,657,319	3,916,967	-6.6%	Restaurants	Bldg.Matls-Whsle	Auto Sales - New	Service Stations
INDIAN WELLS	-5.4%	10.6%	0.0%	-40.6%	-21.3%	650.1%	332,285	311,390	6.7%	Restaurants	Miscellaneous Other	Miscellaneous Retail	Bldg.Matls-Whsle
INDIO	6.6%	6.1%	0.4%	-5.9%	-4.7%	-23.5%	4,131,397	4,078,610	1.3%	Restaurants	Miscellaneous Retail	Food Markets	Service Stations
JURUPA VALLEY	-19.7%	-6.8%	-15.9%	-18.6%	-2.0%	-9.2%	4,547,861	5,170,068	-12.0%	Light Industry	Restaurants	Service Stations	Department Stores
LA QUINTA	-4.9%	3.2%	-10.7%	0.0%	-0.2%	-14.5%	2,638,209	2,715,036	-2.8%	Restaurants	Electronic Equipment	Department Stores	Furniture/Appliance
LAKE ELSINORE	-18.3%	-2.9%	-9.4%	-7.7%	20.4%	39.4%	3,191,815	3,485,868	-8.4%	Heavy Industry	Auto Sales - Used	Department Stores	Drug Stores
MENIFEE	-5.6%	-3.1%	2.5%	-17.9%	12.6%	16.5%	2,775,280	2,878,223	-3.6%	Restaurants	Misc. Vehicle Sales	Food Markets	Bldg.Matls-Retail
MORENO VALLEY	-16.4%	-2.9%	-10.9%	-3.8%	6.2%	-66.8%	7,427,826	8,265,984	-10.1%	Restaurants	Heavy Industry	Miscellaneous Retail	Auto Sales - New
MURRIETA	18.7%	-0.7%	-9.9%	3.1%	-15.0%	-0.3%	5,921,150	5,861,824	1.0%	Department Stores	Auto Parts/Repair	Auto Sales - Used	Furniture/Appliance
NORCO	-5.2%	1.9%	-5.5%	0.8%	-14.5%	2.7%	2,473,343	2,578,618	-4.1%	Auto Sales - New	Miscellaneous Retail	Auto Sales - Used	Service Stations
PALM DESERT	-6.7%	5.3%	-9.7%	-7.0%	2.3%	14.6%	5,398,981	5,614,731	-3.8%	Restaurants	Heavy Industry	Apparel Stores	Department Stores
PALM SPRINGS	-1.8%	-13.7%	-15.4%	-6.3%	-17.4%	69.4%	4,149,789	4,665,865	-11.1%	Apparel Stores	Department Stores	Restaurants	Auto Sales - New
PERRIS	-27.1%	-9.9%	-6.5%	-1.0%	16.8%	58.7%	5,851,437	6,482,247	-9.7%	Business Services	Electronic Equipment	Miscellaneous Retail	Food Markets
RANCHO MIRAGE	-16.1%	0.6%	-7.6%	-5.6%	-16.8%	31.0%	1,485,472	1,592,786	-6.7%	Health & Government	Leasing	Furniture/Appliance	Light Industry
RIVERSIDE	-8.1%	-3.9%	8.0%	-15.9%	-6.3%	64.7%	19,902,974	20,377,880	-2.3%	Auto Sales - New	Business Services	Bldg.Matls-Whsle	Department Stores
SAN JACINTO	11.3%	-6.1%	-24.9%	-0.8%	-20.4%	-11.9%	1,008,986	1,075,994	-6.2%	Department Stores	Restaurants	Service Stations	Food Markets
TEMECULA	-10.4%	-1.2%	-6.3%	-6.6%	1.9%	-11.2%	10,375,087	10,955,091	-5.3%	Restaurants	Light Industry	Department Stores	Auto Sales - New
WILDOMAR	23.5%	-2.0%	-12.7%	1.5%	6.9%	8.2%	695,422	702,731	-1.0%	Drug Stores	Miscellaneous Retail	Service Stations	Liquor Stores



# **AGENDA ITEM 6D**



<b><i>RIVERSIDE COUNTY TRANSPORTATION COMMISSION</i></b>	
<b>DATE:</b>	November 8, 2023
<b>TO:</b>	Riverside County Transportation Commission
<b>FROM:</b>	Megan Kavand, Senior Financial Analyst Sergio Vidal, Chief Financial Officer
<b>THROUGH:</b>	Anne Mayer, Executive Director
<b>SUBJECT:</b>	Monthly Investment Report

**STAFF RECOMMENDATION:**

This item is for the Commission to:

- 1) Receive and file the Monthly Investment Report for the month ended August 31, 2023.

**BACKGROUND INFORMATION:**

The Commission's investment reports have generally reflected investments primarily concentrated in the Riverside County Pooled Investment Fund as well as investments in mutual funds for sales tax revenue bonds debt service payments.

As a result of significant project financings such as the State Route 91 Corridor Improvement Project (91 Project or 91 CIP) and the Interstate 15 Express Lanes Project (I-15 ELP), the Commission engaged MetLife Investment Management, LLC, formerly Logan Circle Partners, L.P. (MetLife), as the investment manager for the bond proceeds and other required funds. Additionally, the Commission engaged Payden & Rygel Investment Management (Payden & Rygel) to make specific investments for Commission operating funds. The Commission approved initial agreements with the investment managers in May 2013 following a competitive procurement and has extended the agreements through the annual recurring contracts process.

MetLife invested the debt proceeds and subsequent other required contributions for the 91 Project and I-15 ELP in separate accounts of the Short-Term Actively Managed Program (STAMP). The Commission completed the 91 Project financing in 2013, the I-15 ELP and 91 Project completion financing (2017 Financing) in July 2017 and the 2021 91 Project refinancing (2021 Financing) in October 2021. Consistent with financing expectations, the Commission expended all 91 Project debt proceeds and equity contributions, except for the toll revenue bonds debt service reserve, and subsequent to commencement of operations, established other required accounts. The Commission continues to expend the 2017 Financing bond proceeds on the I-15 ELP and funded required reserve accounts.

The monthly investment report for August 2023, as required by state law and Commission policy, reflects the investment activities resulting from the 91 Project, 2017 Financing, 2021 Financing and available operating cash. As of August 31, 2023, the Commission's cash and investments were comprised of the following:

CASH AND INVESTMENTS PORTFOLIO	AMOUNTS <sup>1</sup>
Operating	\$ 836,152,345
Trust	290,395,051
Commission-managed	198,866,762
STAMP for 91 CIP	58,078,289
STAMP for 2017 Financing	29,497,389
<b>Total</b>	<b>\$ 1,412,989,836</b>
Note: <sup>1</sup> Unreconciled and unaudited	

As of August 31, 2023, the Commission's cash and investments are in compliance with both the Commission's investment policy adopted on December 14, 2022, and permitted investments described in the indenture for the Commission's sales tax revenue bonds and the master indentures for the Commission's toll revenue bonds. Additionally, the Commission has adequate cash flows for the next six months.

**FISCAL IMPACT:**

This is an information item. There is no fiscal impact.

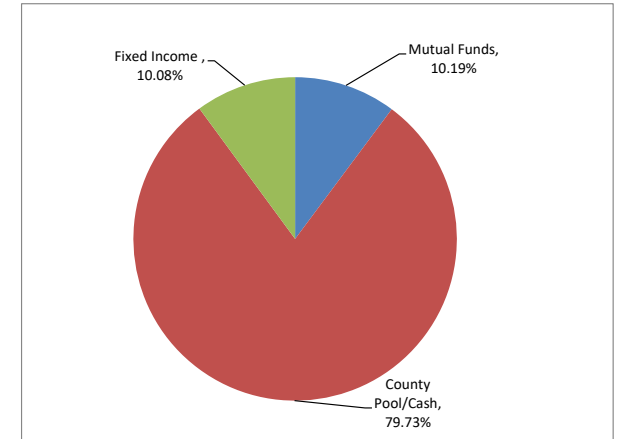
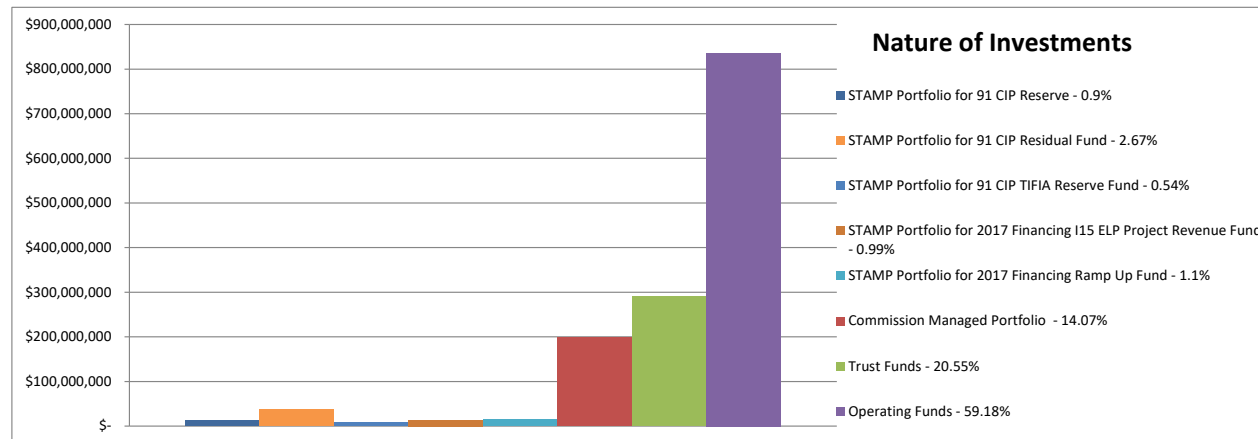
Attachment: Investment Portfolio Report

Riverside County Transportation Commission  
Investment Portfolio Report  
Period Ended: August 31, 2023

	STATEMENT BALANCE <sup>1</sup>	FINANCIAL INSTITUTION	STATEMENTS	RATING MOODY'S / S&P	COUPON RATE	PAR VALUE	PURCHASE DATE	MATURITY DATE	YIELD TO MATURITY	PURCHASE COST	MARKET VALUE	UNREALIZED GAIN (LOSS)
<b>OPERATING FUNDS</b>												
City National Bank Deposits	11,680,265	City National Bank	Available upon request	A3/BBB+	N/A				N/A			
County Treasurer's Pooled Investment Fund	824,472,080	County Treasurer	Available upon request					Available upon request				
<b>Subtotal Operating Funds</b>	<b>836,152,345</b>											
<b>FUNDS HELD IN TRUST</b>												
County Treasurer's Pooled Investment Fund:												
Local Transportation Fund	290,395,051	County Treasurer	Available upon request					Available upon request				
<b>Subtotal Funds Held in Trust</b>	<b>290,395,051</b>											
<b>COMMISSION MANAGED PORTFOLIO</b>												
US Bank Payden & Rygel Operating	54,862,760	US Bank	Available upon request					Available upon request				
First American Government Obligation Fund	144,004,002	US Bank	Available upon request	N/A	N/A				N/A			
<b>Subtotal Commission Managed Portfolio</b>	<b>198,866,762</b>											
<b>STAMP PORTFOLIO for 91 CIP</b>												
2013 Series A & Series B Reserve Fund	12,663,740	US Bank	Available upon request					Available upon request				
2021 Series B Reserve Fund	37,787,828	US Bank	Available upon request					Available upon request				
2021 Series C Reserve Fund	7,626,721	US Bank	Available upon request					Available upon request				
<b>Subtotal STAMP Portfolio - 91 CIP</b>	<b>58,078,289</b>											
<b>STAMP PORTFOLIO for 2017 Financing</b>												
Sales Tax I15 ELP Project Revenue Fund	13,945,677	US Bank	Available upon request					Available upon request				
Ramp Up Fund	15,551,713	US Bank	Available upon request					Available upon request				
<b>Subtotal STAMP Portfolio - 2017 Financing</b>	<b>29,497,389</b>											
<b>TOTAL All Cash and Investments</b>	<b>\$ 1,412,989,836</b>											

**Notes:**

<sup>1</sup> Unreconciled and unaudited







# **AGENDA ITEM 6E**



<b><i>RIVERSIDE COUNTY TRANSPORTATION COMMISSION</i></b>	
<b>DATE:</b>	November 8, 2023
<b>TO:</b>	Riverside County Transportation Commission
<b>FROM:</b>	Megan Kavand, Senior Financial Analyst Sergio Vidal, Chief Financial Officer
<b>THROUGH:</b>	Anne Mayer, Executive Director
<b>SUBJECT:</b>	Monthly Investment Report

**STAFF RECOMMENDATION:**

This item is for the Commission to:

- 1) Receive and file the Monthly Investment Report for the month ended September 30, 2023.

**BACKGROUND INFORMATION:**

The Commission's investment reports have generally reflected investments primarily concentrated in the Riverside County Pooled Investment Fund as well as investments in mutual funds for sales tax revenue bonds debt service payments.

As a result of significant project financings such as the State Route 91 Corridor Improvement Project (91 Project or 91 CIP) and the Interstate 15 Express Lanes Project (I-15 ELP), the Commission engaged MetLife Investment Management, LLC, formerly Logan Circle Partners, L.P. (MetLife), as the investment manager for the bond proceeds and other required funds. Additionally, the Commission engaged Payden & Rygel Investment Management (Payden & Rygel) to make specific investments for Commission operating funds. The Commission approved initial agreements with the investment managers in May 2013 following a competitive procurement and has extended the agreements through the annual recurring contracts process.

MetLife invested the debt proceeds and subsequent other required contributions for the 91 Project and I-15 ELP in separate accounts of the Short-Term Actively Managed Program (STAMP). The Commission completed the 91 Project financing in 2013, the I-15 ELP and 91 Project completion financing (2017 Financing) in July 2017 and the 2021 91 Project refinancing (2021 Financing) in October 2021. Consistent with financing expectations, the Commission expended all 91 Project debt proceeds and equity contributions, except for the toll revenue bonds debt service reserve, and subsequent to commencement of operations, established other required accounts. The Commission continues to expend the 2017 Financing bond proceeds on the I-15 ELP and funded required reserve accounts.

The monthly investment report for September 2023, as required by state law and Commission policy, reflects the investment activities resulting from the 91 Project, 2017 Financing, 2021 Financing and available operating cash. As of September 30, 2023, the Commission's cash and investments were comprised of the following:

CASH AND INVESTMENTS PORTFOLIO	AMOUNTS <sup>1</sup>
Operating	\$ 848,356,397
Trust	295,993,168
Commission-managed	205,778,353
STAMP for 91 CIP	58,015,000
STAMP for 2017 Financing	29,542,132
<b>Total</b>	<b>\$ 1,437,685,050</b>
Note: <sup>1</sup> Unreconciled and unaudited	

As of September 30, 2023, the Commission's cash and investments are in compliance with both the Commission's investment policy adopted on December 14, 2022, and permitted investments described in the indenture for the Commission's sales tax revenue bonds and the master indentures for the Commission's toll revenue bonds. Additionally, the Commission has adequate cash flows for the next six months.

**FISCAL IMPACT:**

This is an information item. There is no fiscal impact.

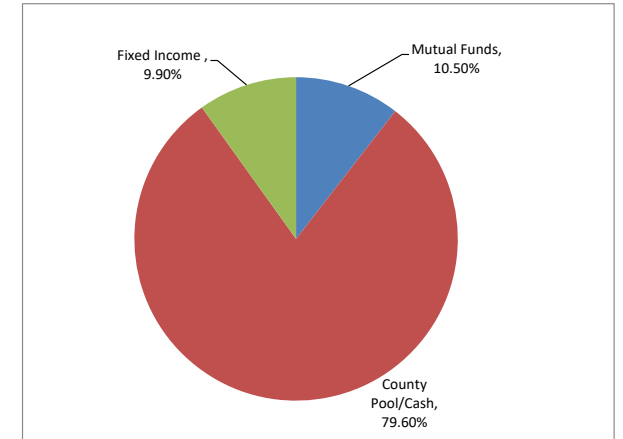
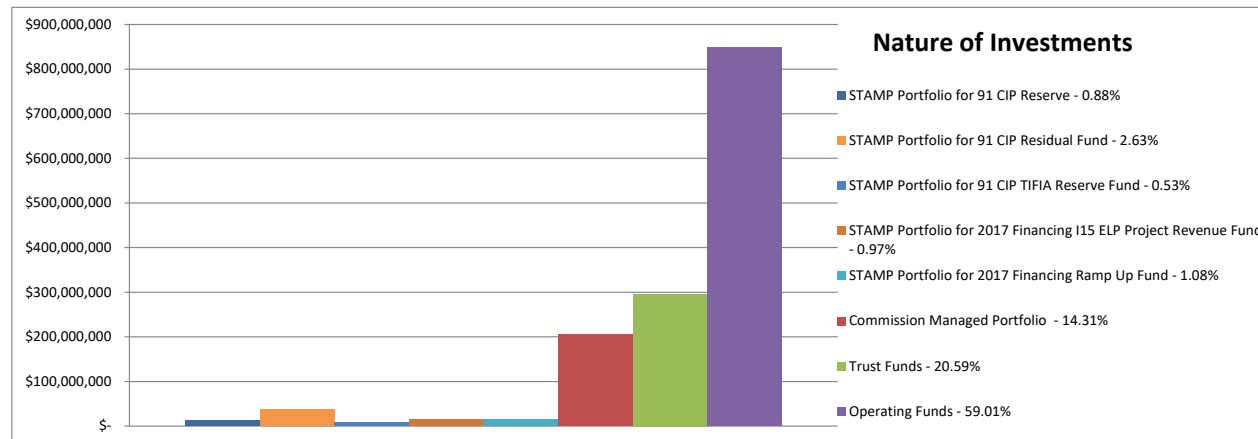
Attachment: Investment Portfolio Report

Riverside County Transportation Commission  
Investment Portfolio Report  
Period Ended: September 30, 2023

	STATEMENT BALANCE <sup>1</sup>	FINANCIAL INSTITUTION	STATEMENTS	RATING MOODY'S / S&P	COUPON RATE	PAR VALUE	PURCHASE DATE	MATURITY DATE	YIELD TO MATURITY	PURCHASE COST	MARKET VALUE	UNREALIZED GAIN (LOSS)
<b>OPERATING FUNDS</b>												
City National Bank Deposits	14,124,322	City National Bank	Available upon request	A3/BBB+	N/A				N/A			
County Treasurer's Pooled Investment Fund	834,232,074	County Treasurer	Available upon request					Available upon request				
<b>Subtotal Operating Funds</b>	<b>848,356,397</b>											
<b>FUNDS HELD IN TRUST</b>												
County Treasurer's Pooled Investment Fund:												
Local Transportation Fund	295,993,168	County Treasurer	Available upon request					Available upon request				
<b>Subtotal Funds Held in Trust</b>	<b>295,993,168</b>											
<b>COMMISSION MANAGED PORTFOLIO</b>												
US Bank Payden & Rygel Operating	54,775,535	US Bank	Available upon request					Available upon request				
First American Government Obligation Fund	151,002,817	US Bank	Available upon request	N/A	N/A				N/A			
<b>Subtotal Commission Managed Portfolio</b>	<b>205,778,353</b>											
<b>STAMP PORTFOLIO for 91 CIP</b>												
2013 Series A & Series B Reserve Fund	12,654,457	US Bank	Available upon request					Available upon request				
2021 Series B Reserve Fund	37,746,212	US Bank	Available upon request					Available upon request				
2021 Series C Reserve Fund	7,614,331	US Bank	Available upon request					Available upon request				
<b>Subtotal STAMP Portfolio - 91 CIP</b>	<b>58,015,000</b>											
<b>STAMP PORTFOLIO for 2017 Financing</b>												
Sales Tax I15 ELP Project Revenue Fund	13,997,681	US Bank	Available upon request					Available upon request				
Ramp Up Fund	15,544,451	US Bank	Available upon request					Available upon request				
<b>Subtotal STAMP Portfolio - 2017 Financing</b>	<b>29,542,132</b>											
<b>TOTAL All Cash and Investments</b>	<b>\$ 1,437,685,050</b>											

**Notes:**

<sup>1</sup> Unreconciled and unaudited





# **AGENDA ITEM 6F**





<b><i>RIVERSIDE COUNTY TRANSPORTATION COMMISSION</i></b>	
<b>DATE:</b>	November 8, 2023
<b>TO:</b>	Riverside County Transportation Commission
<b>FROM:</b>	Toll Policy and Operations Committee Anthony Parada, Senior Management Analyst Jennifer Crosson, Toll Operations Director
<b>THROUGH:</b>	Anne Mayer, Executive Director
<b>SUBJECT:</b>	15 Express Lanes Monthly Status Reports

**TOLL POLICY AND OPERATIONS COMMITTEE AND STAFF RECOMMENDATION:**

This item is for the Commission to:

- 1) Receive and file the 15 Express Lanes Monthly Reports for the six months from January to June 2023.

**BACKGROUND INFORMATION:**

The monthly 15 Express Lanes reports for the six months from January to June 2023 are attached. The monthly reports provide information about 15 Express Lanes performance and activity.

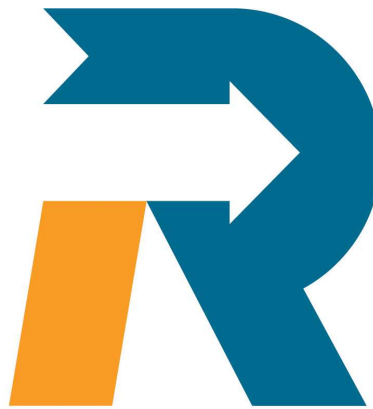
**FISCAL IMPACT:**

This item is for informational purposes only. There is no fiscal impact.

Attachments:

- 1) 15 Express Lanes Monthly Status Report for January 2023
- 2) 15 Express Lanes Monthly Status Report for February 2023
- 3) 15 Express Lanes Monthly Status Report for March 2023
- 4) 15 Express Lanes Monthly Status Report for April 2023
- 5) 15 Express Lanes Monthly Status Report for May 2023
- 6) 15 Express Lanes Monthly Status Report for June 2023





*RiversideExpress*  
***15 ExpressLanes***

Status Report  
January 31, 2023

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## TRAFFIC AND REVENUE

Total toll transactions on the 15 Express Lanes for January 2023 was 1,941,103. This represents a daily average of 62,616 transactions. Potential toll revenue for January was \$2,125,213. Carpool percentage for January was 10.8%.

Month-to-date traffic and revenue data is summarized in the table below. The following transactions and revenue statistics tables represent all transactions on the 15 Express Lanes and associated potential revenue for the month of January 2023.

### Current Month-to-Date as of January 31, 2023

Transactions	JAN-23 MTD	Stantec MTD Projected	# Variance	% Variance	Jan-22 MTD	Yr-to-Yr % Variance
SOV	1,731,556				1,396,601	24.0%
HOV3+	209,547				165,024	27.0%
Total Gross Transactions	1,941,103	2,456,086	(514,983)	(21.0%)	1,561,625	24.3%
<b>Revenue</b>						
SOV	\$2,125,213				\$2,032,678	4.6%
HOV3+	\$0				\$0	
Total Gross Revenue	\$2,125,213	\$2,312,071	(\$186,858)	(8.1%)	\$2,032,678	4.6%
<b>Average Revenue per Transaction</b>						
Average SOV	\$1.23				\$1.46	(15.8%)
Average HOV3+					\$0.00	
Average Gross Revenue	\$1.09	\$0.94	\$0.15	16.0%	\$1.30	(16.2%)

Direction	SOV	HOV3+	Transactions	% Total Transactions	Expected Revenue	% Expected Revenue
Northbound	870,121	98,526	968,647	49.9%	\$531,873	25.0%
Southbound	861,435	111,021	972,456	50.1%	\$1,593,340	75.0%
Totals	1,731,556	209,547	1,941,103	100.0%	\$2,125,213	100.0%

SOV: Single Occupancy Vehicle  
HOV3+: High Occupancy Vehicle

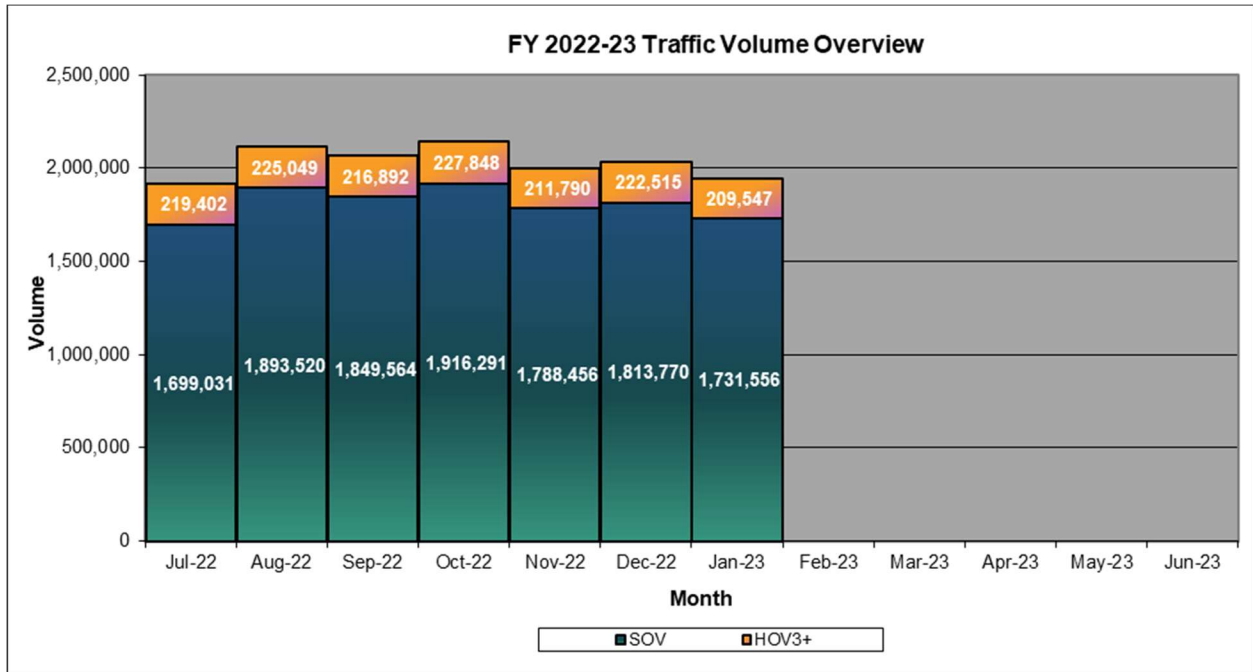
Fiscal year-to-date traffic and revenue data are summarized in the table below. The following transaction and revenue statistics represent all transactions on the 15 Express Lanes and associated potential revenue for the months of July 2022 through January 2023. Year-to-date average revenue per-transaction is \$1.12.

#### FY 2022-23 Year-to-Date as of January 31, 2023

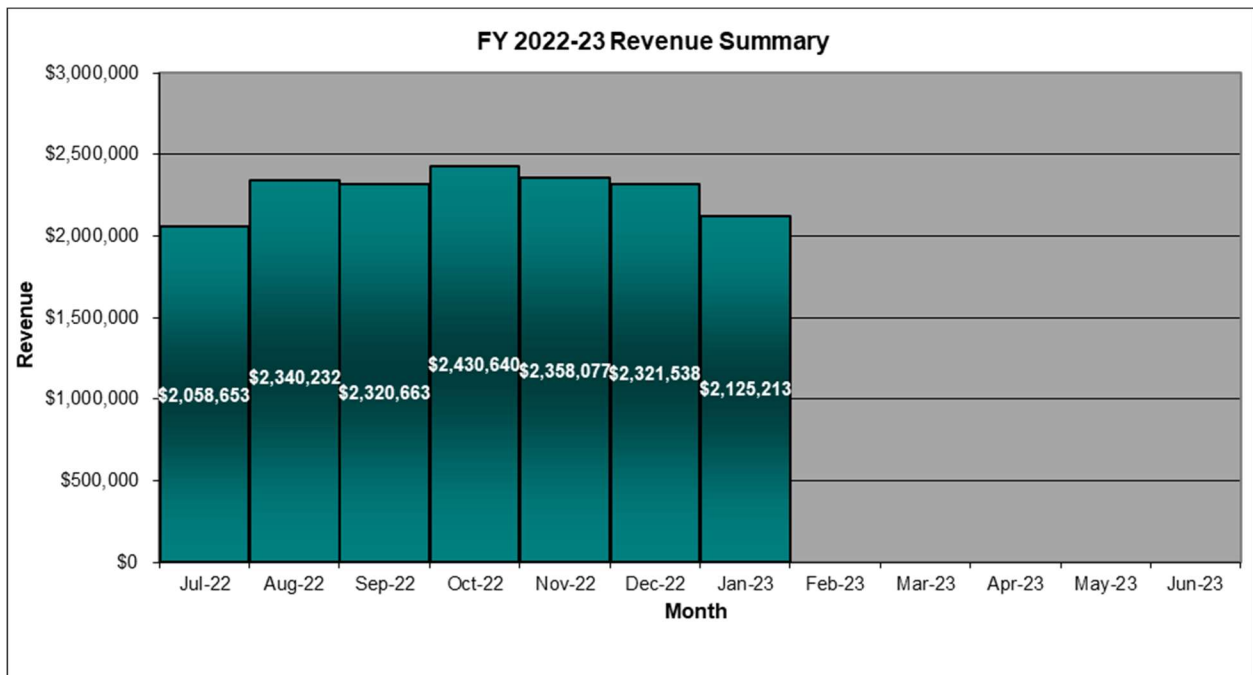
Transactions	FY 2022-23 YTD Actual	Stantec YTD Projected	# Variance	% Variance	FY 2021-22 YTD Actual	Yr-toYr % Variance
SOV	12,692,188				10,562,303	20.2%
HOV3+	1,533,043				1,185,398	29.3%
Total Gross Transactions	14,225,231	17,612,900	(3,387,669)	(19.2%)	11,747,701	21.1%
<b>Revenue</b>						
SOV	\$15,955,017				\$15,333,225	4.1%
HOV3+	\$0				\$0	
Total Gross Revenue	\$15,955,017	\$16,123,014	(\$167,997)	(1.0%)	\$15,333,225	4.1%
<b>Average Revenue per Transaction</b>						
Average SOV	\$1.26				\$1.45	(13.1%)
Average HOV3+	\$0.00				\$0.00	
Average Gross Revenue	\$1.12	\$0.92	\$0.20	21.7%	\$1.31	(14.5%)

## TRAFFIC AND REVENUE SUMMARY

The chart below reflects the total transactions breakdown between SOV and HOV3+ for FY 2022-23 on a monthly basis.



The chart below reflects the gross potential revenue for FY 2022-23 on a monthly basis.



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## PEAK-HOUR VOLUMES

The 15 Express Lanes features dynamic pricing, which adjusts toll rates based on traffic volumes and to maintain a free-flowing trip. The dynamic pricing engine has been live since March 2022 and staff is carefully monitoring pricing.

	Morning Peak Northbound 4:00 - 10:00 AM	Afternoon Peak Southbound 2:00 - 8:00 PM
HOV3+	9.82%	13.39%
Highest Toll	\$1.00	\$14.00
Highest Traffic Hour	7AM, 15N Cajalco/Magnolia 1,236 Transactions	4PM, 15S Magnolia/Cajalco 1,378 Transactions

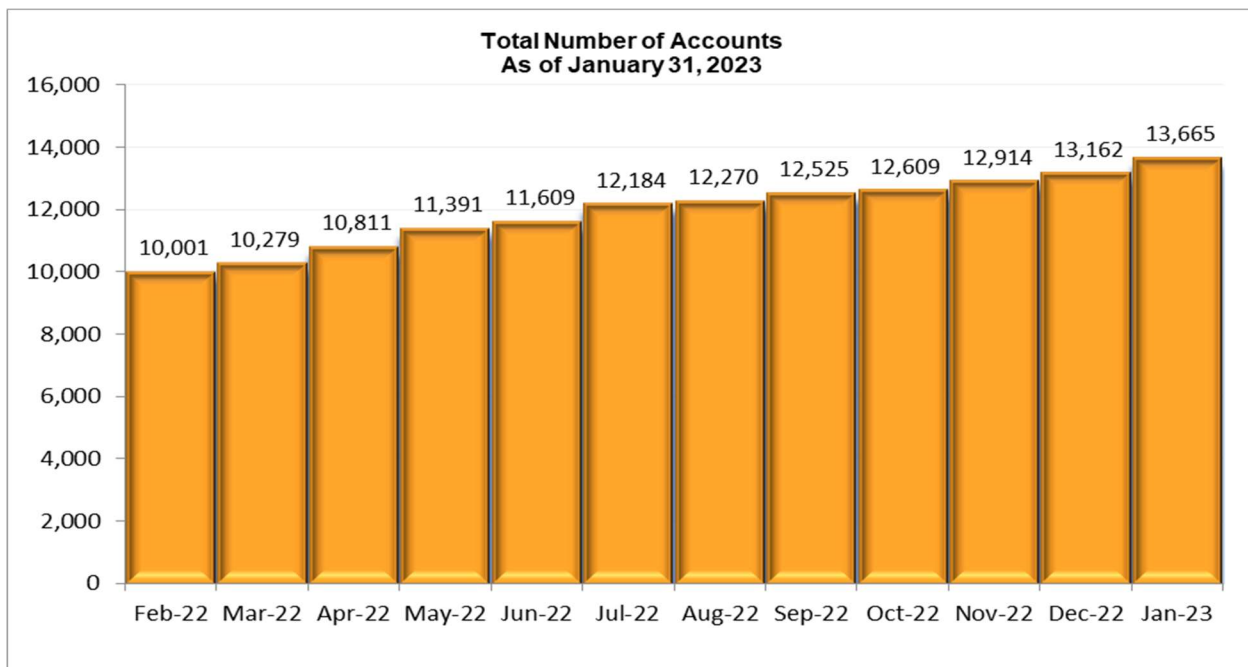


## CUSTOMER SERVICE

### PERFORMANCE MEASURES

REPORTING REQUIREMENT	PERFORMANCE STANDARD	January 2023 PERFORMANCE
<b>CUSTOMER ACCOUNTS</b>		
Transponder Fulfillment	100% within 2 business days	99.92% within 2 business days
Payment Posting	100% within 1 business day	100% within 1 business day
<b>CUSTOMER CALLS</b>		
Average Wait Time	Less than 150 seconds avg per week	8 seconds highest avg wait time
Abandon Rate	Less than 2%	0.3% abandon rate
Customer Satisfaction	90% minimum satisfaction rate	98.24% satisfaction rate
<b>CORRESPONDENCE</b>		
Email Response	100% within 2 business days	100% within 1 business day
Mail Response	100% within 3 business days	100% within 1 business day

At the end of January 2023, Riverside Express had 13,665 customer accounts and 34,134 transponders classified as assigned.



### CUSTOMER CONTACT ACTIVITY

During December, RiversideExpress.com was visited by more than 19,000 users and the Customer Service Center processed 1,123 pieces of correspondence.

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## OPERATIONAL HIGHLIGHTS

### **ON-ROAD OPERATIONS**

Freeway Service Patrol responded to 30 calls during the month of January. Of those calls, 23 were to assist disabled vehicles, 4 call to remove debris, and 3 were in response to accidents that affected the Express Lanes.

### **OPERATIONAL ACTIVITY**

The Customer Service Center (CSC) and Walk-In Center (WIC) located in Corona are open and assisting 15 Express Lanes customers. Calls received by the CSC during the month of January mostly consisted of violations inquiries. Forty-three customers visited the WIC during the month of January, most were violations customers. Operational activities on the roadway and in the CSC continue to function, including aiding stranded motorists, providing incident management services, dispatching emergency vehicles through the traffic operations center, and responding to customer service and violation calls.

## FINANCIAL HIGHLIGHTS

### RCTC 15 Express Lanes Operating Statement

Description	YTD as of : <b>1/31/2023</b>		YTD Variance	
	Actual <sup>1</sup>	Budget	Dollar \$	Percent (%)
<b>Operating revenues:</b>				
Toll Revenue	\$ 15,656,158.39	\$ 17,170,416.67	\$ (1,514,258.28)	(8.8)
Fee Revenue	3,491,980.95	2,503,666.67	988,314.28	39.5
<b>Total operating revenues</b>	<b>19,148,139.34</b>	<b>19,674,083.33</b>	<b>(525,943.99)</b>	<b>(2.7)</b>
<b>Operating expenses:</b>				
Salaries and Benefits	292,535.16	429,741.67	137,206.51	31.9
Legal Services	34,879.20	87,500.00	52,620.80	60.1
Advisory Services	21,440.75	35,000.00	13,559.25	38.7
Audit and Accounting Fees	23,752.00	17,500.00	(6,252.00)	(35.7)
Service Fees	8,139.84	11,666.67	3,526.83	30.2
Other Professional Services	211,006.49	507,208.33	296,201.84	58.4
Lease Expense	60.00	116.67	56.67	48.6
Operations	1,224,391.84	1,861,708.33	637,316.49	34.2
Utilities	91,999.88	78,575.00	(13,424.88)	(17.1)
Supplies and Materials	546.97	7,350.00	6,803.03	92.6
Membership and Subscription Fees	11,339.92	12,425.00	1,085.08	8.7
Office Equipment & Furniture (Non-Capital)	-	17,500.00	17,500.00	100.0
Maintenance/Repairs	182,821.86	353,850.00	171,028.14	48.3
Training Seminars and Conferences	611.26	4,666.67	4,055.41	86.9
Transportation Expenses	414.24	1,691.67	1,277.43	75.5
Lodging	1,784.94	1,458.33	(326.61)	(22.4)
Meals	209.06	291.67	82.61	28.3
Other Staff Expenses	75.13	291.67	216.54	74.2
Advertising	-	58,333.33	58,333.33	100.0
Program Management	27,447.70	30,566.67	3,118.97	10.2
Program Operations	2,383,783.64	5,364,741.67	2,980,958.03	55.6
Litigation Settlement	-	-	-	N/A
Furniture & Equipment	3,965.57	3,500.00	(465.57)	(13.3)
Improvements	-	2,333.33	2,333.33	100.0
Bad Debt Expense	523.08	-	(523.08)	N/A
<b>Total operating expenses</b>	<b>4,521,728.53</b>	<b>8,888,016.67</b>	<b>4,366,288.14</b>	<b>49.1</b>
<b>Operating income (loss)</b>	<b>14,626,410.81</b>	<b>10,786,066.67</b>	<b>3,840,344.14</b>	<b>35.6</b>
<b>Nonoperating revenues (expenses):</b>				
Interest Revenue	549,734.06	34,533.33	515,200.73	(1,491.9)
Other Miscellaneous Revenue	89,092.86	58,333.33	30,759.53	(52.7)
Interest Expense	(2,097,720.00)	-	(2,097,720.00)	N/A
<b>Total nonoperating revenues (expenses)</b>	<b>(1,458,893.08)</b>	<b>92,866.67</b>	<b>(1,551,759.75)</b>	<b>1,671.0</b>
Transfers In	177,116.78	-	177,116.78	N/A
Transfers Out	(188,842.90)	(259,758.33)	70,915.43	(27.3)
<b>Net income (loss)</b>	<b>\$ 13,155,791.61</b>	<b>\$ 10,619,175.00</b>	<b>\$ 2,536,616.61</b>	<b>23.9</b>

<sup>1</sup> Unaudited





*RiversideExpress*  
***15 ExpressLanes***

Status Report  
February 28, 2023

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## TRAFFIC AND REVENUE

Total toll transactions on the 15 Express Lanes for February 2023 was 1,954,458. This represents a daily average of 69,802 transactions. Potential toll revenue for February was \$2,271,368. Carpool percentage for February was 10.6%.

Month-to-date traffic and revenue data is summarized in the table below. The following transactions and revenue statistics tables represent all transactions on the 15 Express Lanes and associated potential revenue for the month of February 2023.

### Current Month-to-Date as of February 28, 2023

Transactions	FEB-23 MTD	Stantec MTD Projected	# Variance	% Variance	FEB-22 MTD	Yr-to-Yr % Variance
SOV	1,746,766				1,687,635	3.5%
HOV3+	207,692				199,608	4.0%
Total Gross Transactions	1,954,458	2,633,585	(679,127)	(25.8%)	1,887,243	3.6%
<b>Revenue</b>						
SOV	\$2,271,368				\$2,504,308	(9.3%)
HOV3+	\$0				\$0	
Total Gross Revenue	\$2,271,368	\$2,465,929	(\$194,561)	(7.9%)	\$2,504,308	(9.3%)
<b>Average Revenue per Transaction</b>						
Average SOV	\$1.30				\$1.48	(12.2%)
Average HOV3+					\$0.00	
Average Gross Revenue	\$1.16	\$0.94	\$0.22	23.4%	\$1.33	(12.8%)

Direction	SOV	HOV3+	Transactions	% Total Transactions	Expected Revenue	% Expected Revenue
Northbound	873,690	96,629	970,319	49.6%	\$534,396	23.5%
Southbound	873,076	111,063	984,139	50.4%	\$1,736,972	76.5%
Totals	1,746,766	207,692	1,954,458	100.0%	\$2,271,368	100.0%

SOV: Single Occupancy Vehicle  
HOV3+: High Occupancy Vehicle

Fiscal year-to-date traffic and revenue data are summarized in the table below. The following transaction and revenue statistics represent all transactions on the 15 Express Lanes and associated potential revenue for the months of July 2022 through February 2023. Year-to-date average revenue per-transaction is \$1.13.

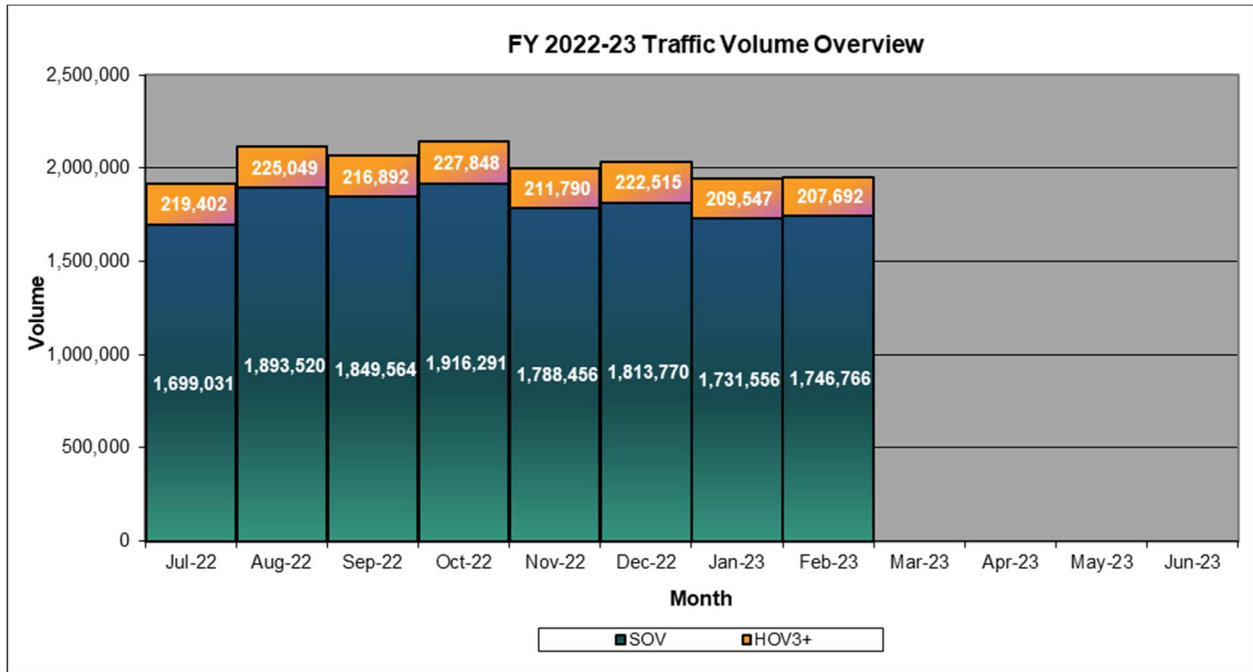
#### FY 2022-23 Year-to-Date as of February 28, 2023

Transactions	FY 2022-23 YTD Actual	Stantec YTD Projected	# Variance	% Variance	FY 2021-22 YTD Actual	Yr-toYr % Variance
SOV	14,438,954				13,646,539	5.8%
HOV3+	1,740,735				1,550,030	12.3%
Total Gross Transactions	16,179,689	20,246,485	(4,066,796)	(20.1%)	15,196,569	6.5%
<b>Revenue</b>						
SOV	\$18,226,385				\$19,870,211	(8.3%)
HOV3+	\$0				\$0	
Total Gross Revenue	\$18,226,385	\$18,588,943	(\$362,558)	(2.0%)	\$19,870,211	(8.3%)
<b>Average Revenue per Transaction</b>						
Average SOV	\$1.26				\$1.46	(13.7%)
Average HOV3+	\$0.00				\$0.00	
Average Gross Revenue	\$1.13	\$0.92	\$0.21	22.8%	\$1.31	(13.7%)

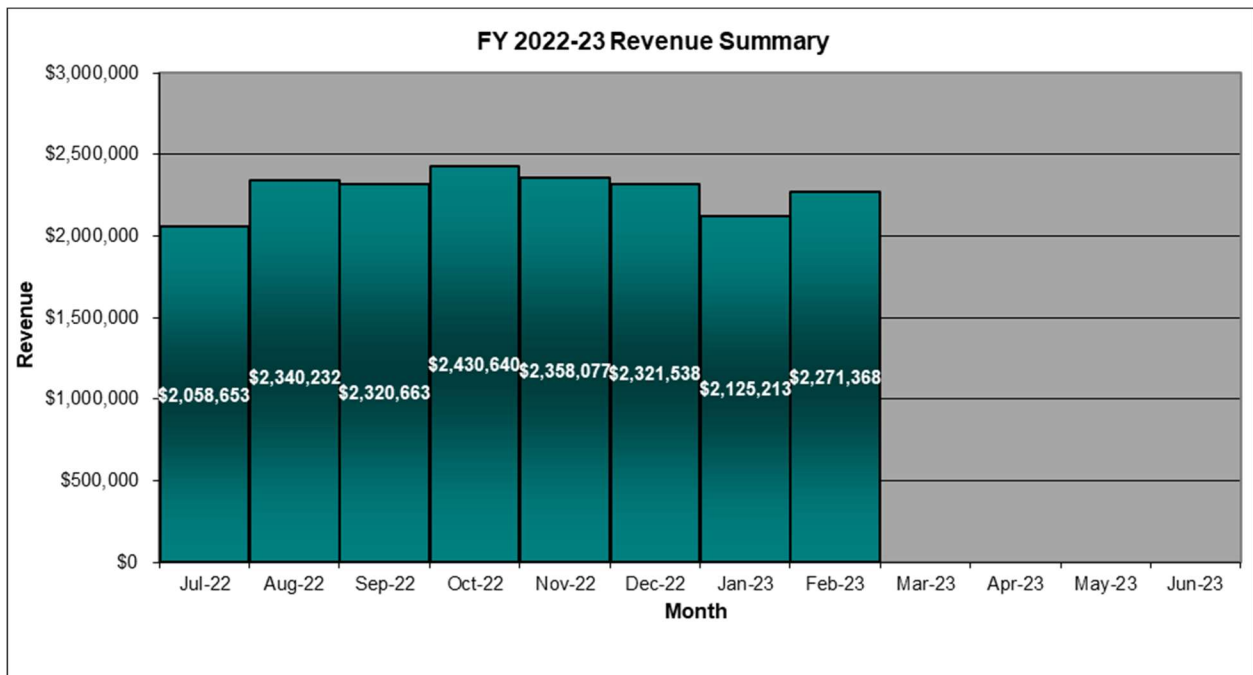


## TRAFFIC AND REVENUE SUMMARY

The chart below reflects the total transactions breakdown between SOV and HOV3+ for FY 2022-23 on a monthly basis.



The chart below reflects the gross potential revenue for FY 2022-23 on a monthly basis.



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## PEAK-HOUR VOLUMES

The 15 Express Lanes features dynamic pricing, which adjusts toll rates based on traffic volumes and to maintain a free-flowing trip. The dynamic pricing engine has been live since March 2022 and staff is carefully monitoring pricing.

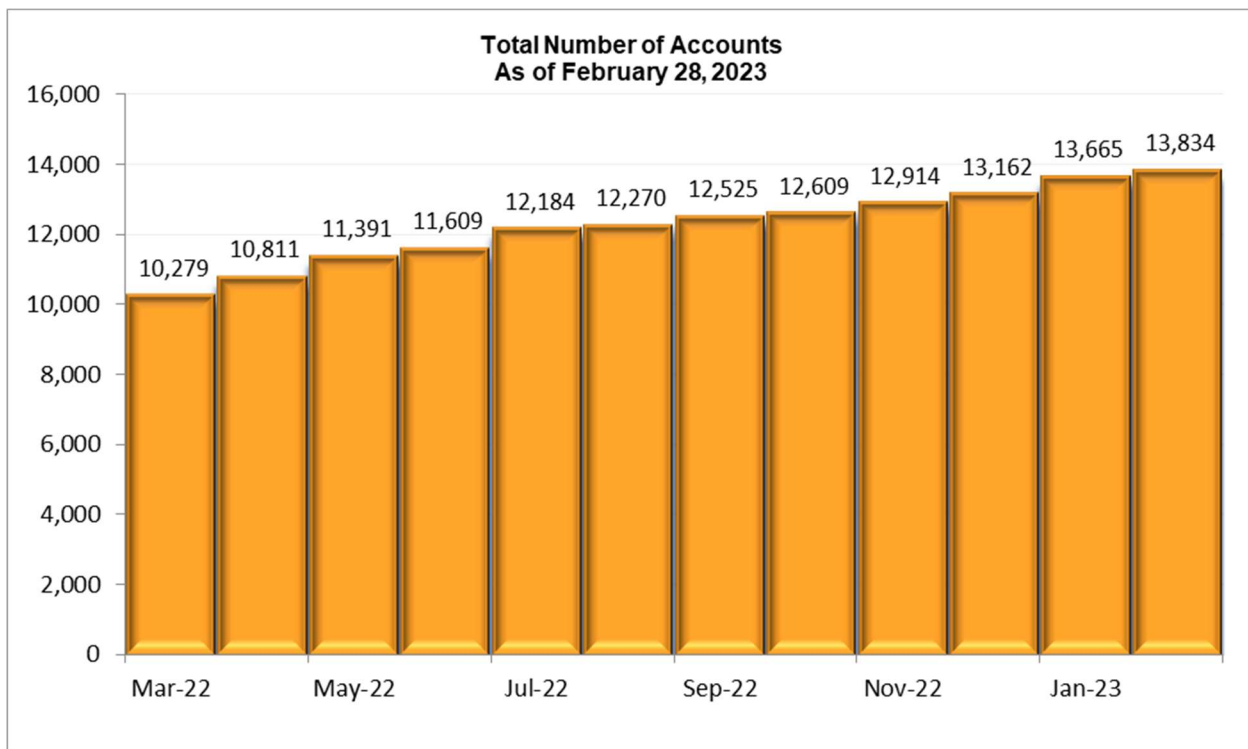
	Morning Peak Northbound 4:00 - 10:00 AM	Afternoon Peak Southbound 2:00 - 8:00 PM
HOV3+	10.98%	12.84%
Highest Toll	\$1.00	\$14.00
Highest Traffic Hour	8AM, 15N Cajalco/Magnolia 1,213 Transactions	4PM, 15S Magnolia/Cajalco 1,363 Transactions

## CUSTOMER SERVICE

### PERFORMANCE MEASURES

REPORTING REQUIREMENT	PERFORMANCE STANDARD	February 2023 PERFORMANCE
<b>CUSTOMER ACCOUNTS</b>		
Transponder Fulfillment	100% within 2 business days	100% within 2 business days
Payment Posting	100% within 1 business day	100% within 1 business day
<b>CUSTOMER CALLS</b>		
Average Wait Time	Less than 150 seconds avg per week	8 seconds highest avg wait time
Abandon Rate	Less than 2%	0.2% abandon rate
Customer Satisfaction	90% minimum satisfaction rate	97.35% satisfaction rate
<b>CORRESPONDENCE</b>		
Email Response	100% within 2 business days	100% within 1 business day
Mail Response	100% within 3 business days	100% within 1 business day

At the end of February 2023, Riverside Express had 13,834 customer accounts and 35,034 transponders classified as assigned.



### CUSTOMER CONTACT ACTIVITY

During December, RiversideExpress.com was visited by nearly 18,000 users and the Customer Service Center processed 1,248 pieces of correspondence.

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## OPERATIONAL HIGHLIGHTS

### **ON-ROAD OPERATIONS**

Freeway Service Patrol responded to 27 calls during the month of February. Of those calls, 19 were to assist disabled vehicles, 7 call to remove debris, and 1 was in response to an accident that affected the Express Lanes.

### **OPERATIONAL ACTIVITY**

The Customer Service Center (CSC) and Walk-In Center (WIC) located in Corona are open and assisting 15 Express Lanes customers. Calls received by the CSC during the month of February mostly consisted of violations inquiries. Fifty-six customers visited the WIC during the month of February, most were violations customers. Operational activities on the roadway and in the CSC continue to function, including aiding stranded motorists, providing incident management services, dispatching emergency vehicles through the traffic operations center, and responding to customer service and violation calls.

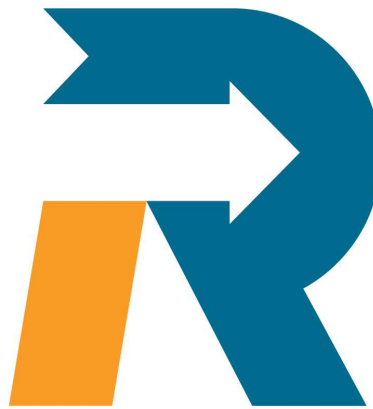
## FINANCIAL HIGHLIGHTS

## RCTC 15 Express Lanes Operating Statement

Description	YTD as of : <span style="color: red;">2/28/2023</span>		YTD Variance	
	Actual <sup>1</sup>	Budget	Dollar \$	Percent (%)
<b>Operating revenues:</b>				
Toll Revenue	\$ 17,873,391.71	\$ 19,623,333.33	\$ (1,749,941.62)	(8.9)
Fee Revenue	4,008,161.67	2,861,333.33	1,146,828.34	40.1
<b>Total operating revenues</b>	<b>21,881,553.38</b>	<b>22,484,666.67</b>	<b>(603,113.29)</b>	<b>(2.7)</b>
<b>Operating expenses:</b>				
Salaries and Benefits	337,032.88	491,133.33	154,100.45	31.4
Legal Services	35,910.45	100,000.00	64,089.55	64.1
Advisory Services	21,440.75	40,000.00	18,559.25	46.4
Audit and Accounting Fees	23,752.00	20,000.00	(3,752.00)	(18.8)
Service Fees	9,706.17	13,333.33	3,627.16	27.2
Other Professional Services	211,097.53	579,666.67	368,569.14	63.6
Lease Expense	60.00	133.33	73.33	55.0
Operations	1,257,169.84	2,127,666.67	870,496.83	40.9
Utilities	104,339.38	89,800.00	(14,539.38)	(16.2)
Supplies and Materials	4,666.47	8,400.00	3,733.53	44.4
Membership and Subscription Fees	11,339.92	14,200.00	2,860.08	20.1
Office Equipment & Furniture (Non-Capital)	-	20,000.00	20,000.00	100.0
Maintenance/Repairs	190,007.86	404,400.00	214,392.14	53.0
Training Seminars and Conferences	611.26	5,333.33	4,722.07	88.5
Transportation Expenses	414.24	1,933.33	1,519.09	78.6
Lodging	1,784.94	1,666.67	(118.27)	(7.1)
Meals	232.50	333.33	100.83	30.3
Other Staff Expenses	75.13	333.33	258.20	77.5
Advertising	-	66,666.67	66,666.67	100.0
Program Management	31,726.25	34,933.33	3,207.08	9.2
Program Operations	3,136,778.50	6,131,133.33	2,994,354.83	48.8
Litigation Settlement	-	-	-	N/A
Furniture & Equipment	4,160.23	4,000.00	(160.23)	(4.0)
Improvements	-	2,666.67	2,666.67	100.0
Bad Debt Expense	529.28	-	(529.28)	N/A
<b>Total operating expenses</b>	<b>5,382,835.58</b>	<b>10,157,733.33</b>	<b>4,774,897.75</b>	<b>47.0</b>
<b>Operating income (loss)</b>	<b>16,498,717.80</b>	<b>12,326,933.33</b>	<b>4,171,784.47</b>	<b>33.8</b>
<b>Nonoperating revenues (expenses):</b>				
Interest Revenue	553,906.57	39,466.67	514,439.90	(1,303.5)
Other Miscellaneous Revenue	89,092.86	66,666.67	22,426.19	(33.6)
Interest Expense	(2,097,720.00)	-	(2,097,720.00)	N/A
<b>Total nonoperating revenues (expenses)</b>	<b>(1,454,720.57)</b>	<b>106,133.33</b>	<b>(1,560,853.90)</b>	<b>1,470.7</b>
Transfers In	177,116.78	-	177,116.78	N/A
Transfers Out	(188,842.90)	(296,866.67)	108,023.77	(36.4)
<b>Net income (loss)</b>	<b>\$ 15,032,271.11</b>	<b>\$ 12,136,200.00</b>	<b>\$ 2,896,071.11</b>	<b>23.9</b>

<sup>1</sup> Unaudited





*RiversideExpress*  
***15 ExpressLanes***

Status Report  
March 31, 2023

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## TRAFFIC AND REVENUE

Total toll transactions on the 15 Express Lanes for March 2023 was 2,218,984. This represents a daily average of 71,580 transactions. Potential toll revenue for March was \$2,609,073. Carpool percentage for March was 10.9%.

Month-to-date traffic and revenue data is summarized in the table below. The following transactions and revenue statistics tables represent all transactions on the 15 Express Lanes and associated potential revenue for the month of March 2023.

### Current Month-to-Date as of March 31, 2023

Transactions	MAR-23 MTD	Stantec MTD Projected	# Variance	% Variance	MAR-22 MTD	Yr-to-Yr % Variance
SOV	1,977,001				1,881,534	5.1%
HOV3+	241,983				222,556	8.7%
Total Gross Transactions	2,218,984	2,779,257	(560,273)	(20.2%)	2,104,090	5.5%
<b>Revenue</b>						
SOV	\$2,609,073				\$2,737,989	(4.7%)
HOV3+	\$0				\$0	
Total Gross Revenue	\$2,609,073	\$2,619,129	(\$10,056)	(0.4%)	\$2,737,989	(4.7%)
<b>Average Revenue per Transaction</b>						
Average SOV	\$1.32				\$1.46	(9.6%)
Average HOV3+	\$0.00				\$0.00	
Average Gross Revenue	\$1.18	\$0.94	\$0.24	25.5%	\$1.30	(9.2%)

Direction	SOV	HOV3+	Transactions	% Total Transactions	Expected Revenue	% Expected Revenue
Northbound	975,283	111,372	1,086,655	49.0%	\$595,426	22.8%
Southbound	1,001,718	130,611	1,132,329	51.0%	\$2,013,646	77.2%
Totals	1,977,001	241,983	2,218,984	100.0%	\$2,609,073	100.0%

SOV: Single Occupancy Vehicle  
HOV3+: High Occupancy Vehicle

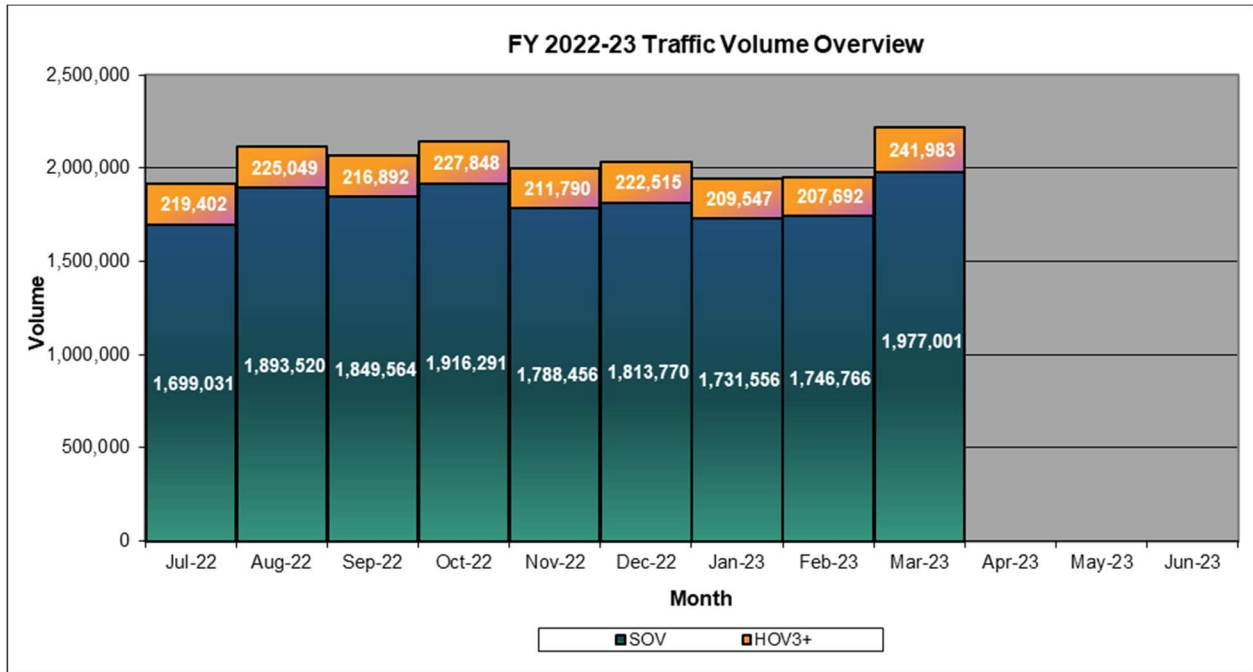
Fiscal year-to-date traffic and revenue data are summarized in the table below. The following transaction and revenue statistics represent all transactions on the 15 Express Lanes and associated potential revenue for the months of July 2022 through March 2023. Year-to-date average revenue per-transaction is \$1.13.

#### FY 2022-23 Year-to-Date as of March 31, 2023

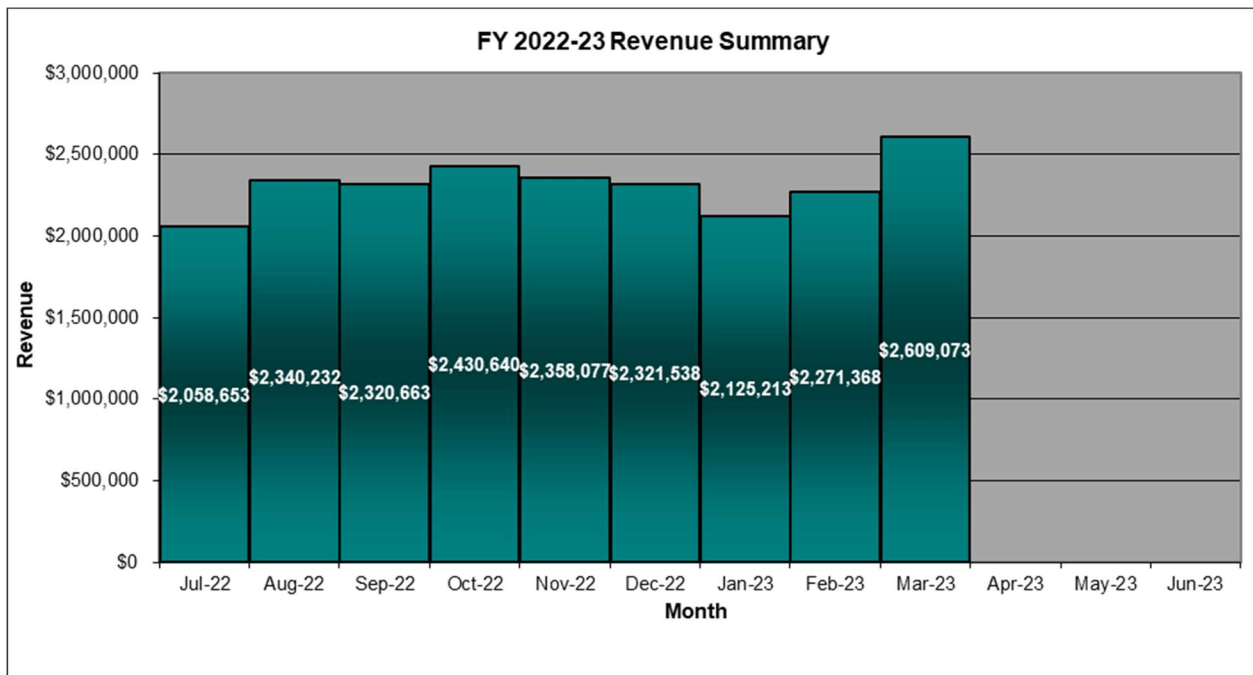
Transactions	FY 2022-23 YTD Actual	Stantec YTD Projected	# Variance	% Variance	FY 2021-22 YTD Actual	Yr-toYr % Variance
SOV	16,415,955				15,528,073	5.7%
HOV3+	1,982,718				1,772,586	11.9%
Total Gross Transactions	18,398,673	23,025,742	(4,627,069)	(20.1%)	17,300,659	6.3%
<b>Revenue</b>						
SOV	\$20,835,458				\$22,608,200	(7.8%)
HOV3+	\$0				\$0	
Total Gross Revenue	\$20,835,458	\$21,208,072	(\$372,614)	(1.8%)	\$22,608,200	(7.8%)
<b>Average Revenue per Transaction</b>						
Average SOV	\$1.27				\$1.46	(13.0%)
Average HOV3+	\$0.00				\$0.00	
Average Gross Revenue	\$1.13	\$0.92	\$0.21	22.8%	\$1.31	(13.7%)

## TRAFFIC AND REVENUE SUMMARY

The chart below reflects the total transactions breakdown between SOV and HOV3+ for FY 2022-23 on a monthly basis.



The chart below reflects the gross potential revenue for FY 2022-23 on a monthly basis.



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## PEAK-HOUR VOLUMES

The 15 Express Lanes features dynamic pricing, which adjusts toll rates based on traffic volumes and to maintain a free-flowing trip. The dynamic pricing engine has been live since March 2022 and staff is carefully monitoring pricing.

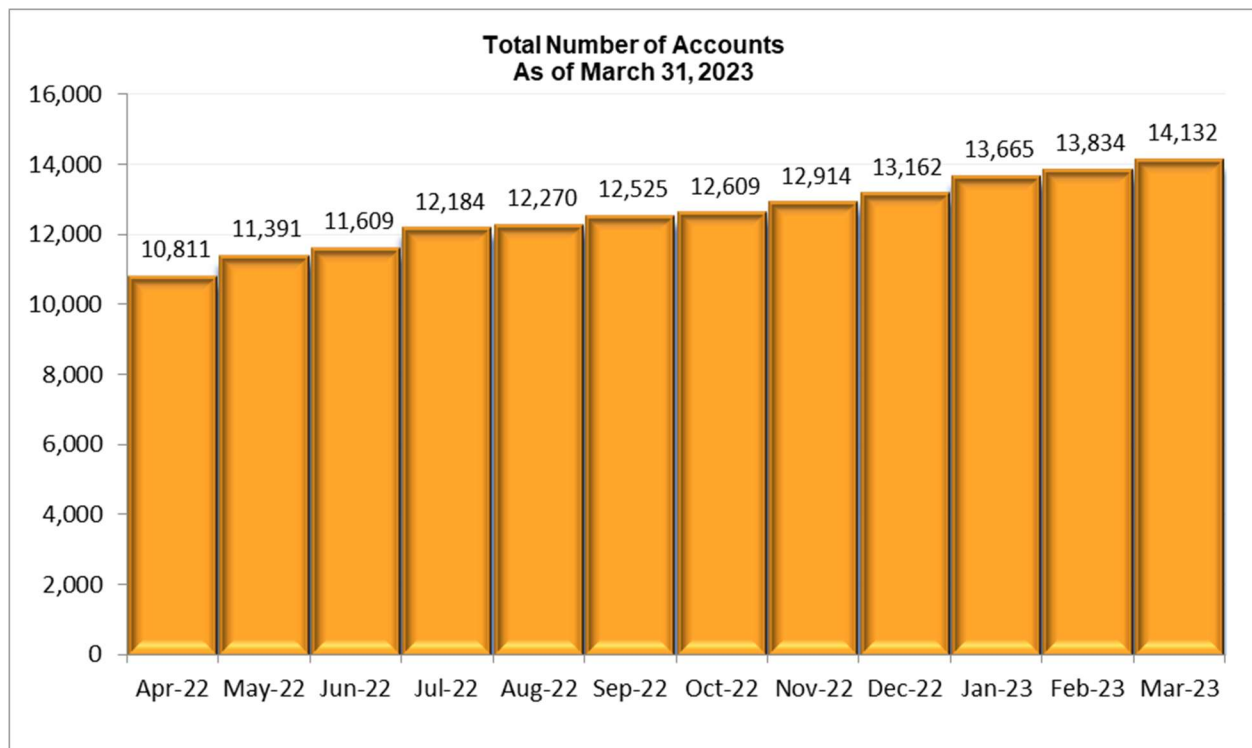
	Morning Peak Northbound 4:00 - 10:00 AM	Afternoon Peak Southbound 2:00 - 8:00 PM
HOV3+	10.2%	11.8%
Highest Toll	\$1.10	\$14.00
Highest Traffic Hour	9AM, 15N Cajalco/Magnolia 1,239 Transactions	4PM, 15S Magnolia/Cajalco 1,355 Transactions

## CUSTOMER SERVICE

### PERFORMANCE MEASURES

REPORTING REQUIREMENT	PERFORMANCE STANDARD	MARCH 2023 PERFORMANCE
<b>CUSTOMER ACCOUNTS</b>		
Transponder Fulfillment	100% within 2 business days	100% within 2 business days
Payment Posting	100% within 1 business day	100% within 1 business day
<b>CUSTOMER CALLS</b>		
Average Wait Time	Less than 150 seconds avg per week	11 seconds highest avg wait time
Abandon Rate	Less than 2%	0.3% abandon rate
Customer Satisfaction	90% minimum satisfaction rate	97.98% satisfaction rate
<b>CORRESPONDENCE</b>		
Email Response	100% within 2 business days	100% within 1 business day
Mail Response	100% within 3 business days	100% within 1 business day

At the end of March 2023, Riverside Express had 14,132 customer accounts and 36,152 transponders classified as assigned.



### CUSTOMER CONTACT ACTIVITY

During March, RiversideExpress.com was visited by 20,400 users and the Customer Service Center processed 1,228 pieces of correspondence.

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## OPERATIONAL HIGHLIGHTS

### **ON-ROAD OPERATIONS**

Freeway Service Patrol responded to 123 calls during the month of March. Of those calls, 75 were to assist disabled vehicles, 10 call to remove debris, and 38 was in response to an accident that affected the Express Lanes.

### **OPERATIONAL ACTIVITY**

The Customer Service Center (CSC) and Walk-In Center (WIC) located in Corona are open and assisting 15 Express Lanes customers. Calls received by the CSC during the month of March mostly consisted of violations inquiries. 56 customers visited the WIC during the month of March, most were violations customers. Operational activities on the roadway and in the CSC continue to function, including aiding stranded motorists, providing incident management services, dispatching emergency vehicles through the traffic operations center, and responding to customer service and violation calls.

## FINANCIAL HIGHLIGHTS

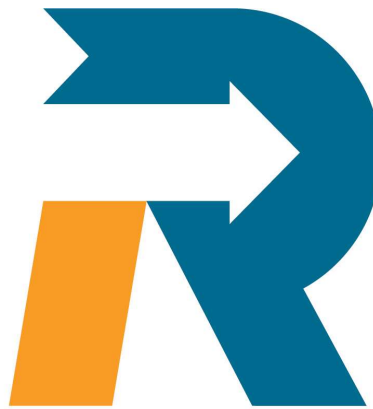
### RCTC 15 Express Lanes Operating Statement

Description	YTD as of : <b>3/31/2023</b>		YTD Variance	
	Actual <sup>1</sup>	Budget	Dollar \$	Percent (%)
<b>Operating revenues:</b>				
Toll Revenue	\$ 20,170,189.86	\$ 22,076,250.00	\$ (1,906,060.14)	(8.6)
Fee Revenue	4,560,266.82	3,219,000.00	1,341,266.82	41.7
<b>Total operating revenues</b>	<b>24,730,456.68</b>	<b>25,295,250.00</b>	<b>(564,793.32)</b>	<b>(2.2)</b>
<b>Operating expenses:</b>				
Salaries and Benefits	381,230.32	552,525.00	171,294.68	31.0
Legal Services	37,241.70	112,500.00	75,258.30	66.9
Advisory Services	21,440.75	45,000.00	23,559.25	52.4
Audit and Accounting Fees	23,752.00	22,500.00	(1,252.00)	(5.6)
Service Fees	9,706.17	15,000.00	5,293.83	35.3
Other Professional Services	252,751.47	652,125.00	399,373.53	61.2
Lease Expense	90.00	150.00	60.00	40.0
Operations	1,488,294.05	2,393,625.00	905,330.95	37.8
Utilities	119,781.86	101,025.00	(18,756.86)	(18.6)
Supplies and Materials	4,666.47	9,450.00	4,783.53	50.6
Membership and Subscription Fees	11,339.92	15,975.00	4,635.08	29.0
Office Equipment & Furniture (Non-Capital)	-	22,500.00	22,500.00	100.0
Maintenance/Repairs	223,827.27	454,950.00	231,122.73	50.8
Training Seminars and Conferences	611.26	6,000.00	5,388.74	89.8
Transportation Expenses	429.73	2,175.00	1,745.27	80.2
Lodging	1,784.94	1,875.00	90.06	4.8
Meals	232.50	375.00	142.50	38.0
Other Staff Expenses	75.13	375.00	299.87	80.0
Advertising	-	75,000.00	75,000.00	100.0
Program Management	36,613.59	39,300.00	2,686.41	6.8
Program Operations	4,487,240.60	6,897,525.00	2,410,284.40	34.9
Litigation Settlement	-	-	-	N/A
Furniture & Equipment	4,160.23	4,500.00	339.77	7.6
Improvements	-	3,000.00	3,000.00	100.0
Bad Debt Expense	543.28	-	(543.28)	N/A
<b>Total operating expenses</b>	<b>7,105,813.24</b>	<b>11,427,450.00</b>	<b>4,321,636.76</b>	<b>37.8</b>
<b>Operating income (loss)</b>	<b>17,624,643.44</b>	<b>13,867,800.00</b>	<b>3,756,843.44</b>	<b>27.1</b>
<b>Nonoperating revenues (expenses):</b>				
Interest Revenue	965,904.70	44,400.00	921,504.70	(2,075.5)
Other Miscellaneous Revenue	114,037.68	75,000.00	39,037.68	(52.1)
Interest Expense	(3,251,058.00)	-	(3,251,058.00)	N/A
<b>Total nonoperating revenues (expenses)</b>	<b>(2,171,115.62)</b>	<b>119,400.00</b>	<b>(2,290,515.62)</b>	<b>1,918.4</b>
Transfers In	177,116.78	-	177,116.78	N/A
Transfers Out	(188,842.90)	(333,975.00)	145,132.10	(43.5)
<b>Net income (loss)</b>	<b>\$ 15,441,801.70</b>	<b>\$ 13,653,225.00</b>	<b>\$ 1,788,576.70</b>	<b>13.1</b>

<sup>1</sup> Unaudited







*RiversideExpress*  
***15 ExpressLanes***

Status Report  
April 30, 2023

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## TRAFFIC AND REVENUE

Total toll transactions on the 15 Express Lanes for April 2023 was 2,318,778. This represents a daily average of 77,293 transactions. Potential toll revenue for April was \$3,122,787. Carpool percentage for April was 10.9%.

Month-to-date traffic and revenue data is summarized in the table below. The following transactions and revenue statistics tables represent all transactions on the 15 Express Lanes and associated potential revenue for the month of April 2023.

### Current Month-to-Date as of April 30, 2023

Transactions	APR-23 MTD	Stantec MTD Projected	# Variance	% Variance	APR-22 MTD	Yr-to-Yr % Variance
SOV	2,066,898				1,859,185	11.2%
HOV3+	251,880				225,010	11.9%
Total Gross Transactions	2,318,778	3,272,286	(953,508)	(29.1%)	2,084,195	11.3%
<b>Revenue</b>						
SOV	\$3,122,787				\$2,172,137	43.8%
HOV3+	\$0				\$0	
Total Gross Revenue	\$3,122,787	\$3,115,571	\$7,215	0.2%	\$2,172,137	43.8%
<b>Average Revenue per Transaction</b>						
Average SOV	\$1.51				\$1.17	29.1%
Average HOV3+	\$0.00				\$0.00	
Average Gross Revenue	\$1.35	\$0.95	\$0.40	42.1%	\$1.04	29.8%

Direction	SOV	HOV3+	Transactions	% Total Transactions	Expected Revenue	% Expected Revenue
Northbound	1,009,768	115,161	1,124,929	48.5%	\$756,056	24.2%
Southbound	1,057,130	136,719	1,193,849	51.5%	\$2,366,731	75.8%
Totals	2,066,898	251,880	2,318,778	100.0%	\$3,122,787	100.0%

SOV: Single Occupancy Vehicle  
HOV3+: High Occupancy Vehicle

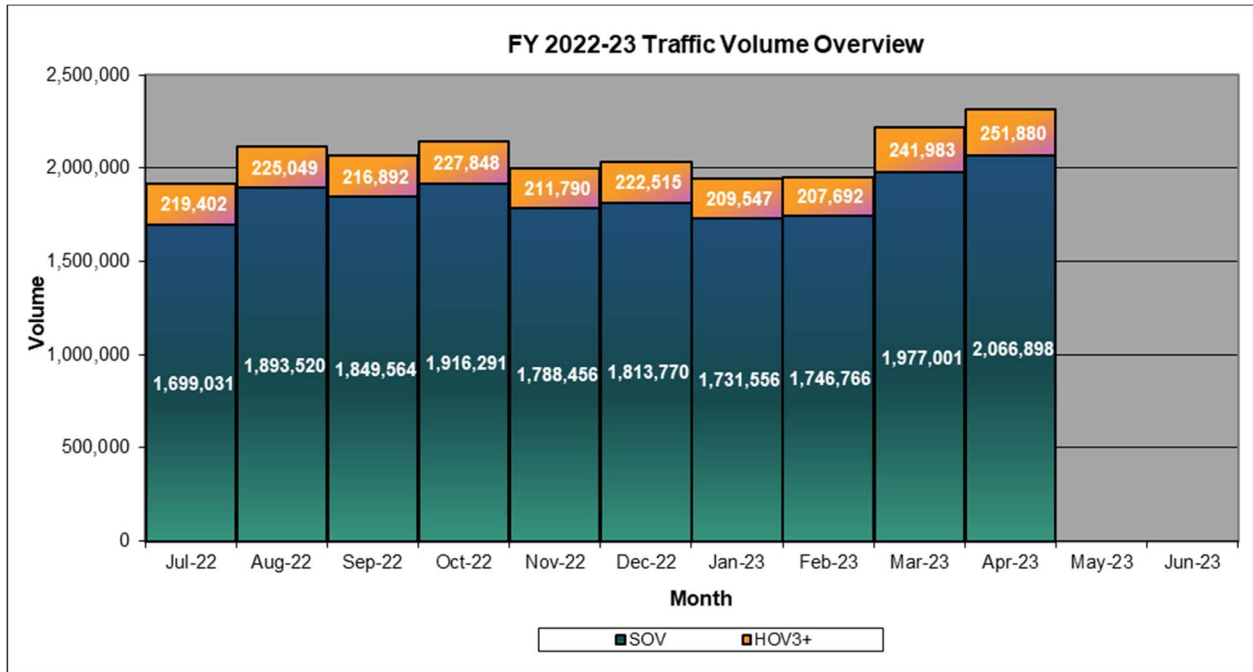
Fiscal year-to-date traffic and revenue data are summarized in the table below. The following transaction and revenue statistics represent all transactions on the 15 Express Lanes and associated potential revenue for the months of July 2022 through April 2023. Year-to-date average revenue per-transaction is \$1.16.

#### FY 2022-23 Year-to-Date as of April 30, 2023

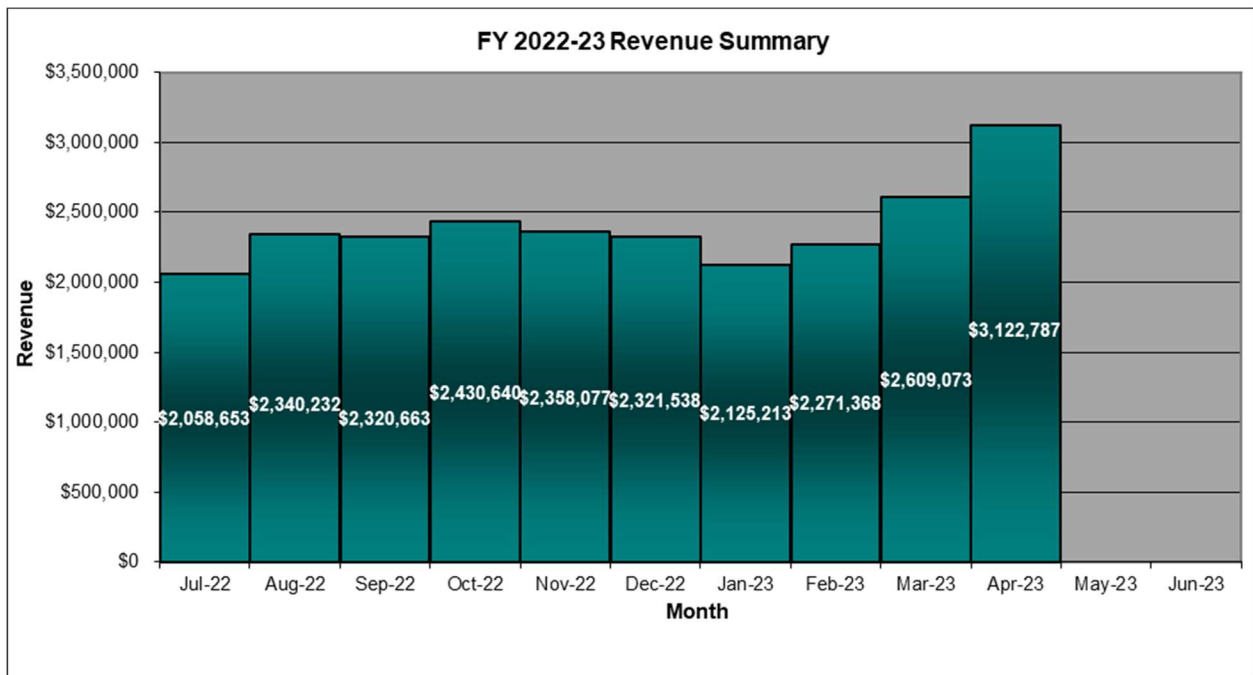
Transactions	FY 2022-23 YTD Actual	Stantec YTD Projected	# Variance	% Variance	FY 2021-22 YTD Actual	Yr-toYr % Variance
SOV	18,482,853				17,387,258	6.3%
HOV3+	2,234,598				1,997,596	11.9%
Total Gross Transactions	20,717,451	26,298,028	(5,580,577)	(21.2%)	19,384,854	6.9%
<b>Revenue</b>						
SOV	\$23,958,244				\$24,780,337	(3.3%)
HOV3+	\$0				\$0	
Total Gross Revenue	\$23,958,244	\$24,323,643	(\$365,399)	(1.5%)	\$24,780,337	(3.3%)
<b>Average Revenue per Transaction</b>						
Average SOV	\$1.30				\$1.43	(9.1%)
Average HOV3+	\$0.00				\$0.00	
Average Gross Revenue	\$1.16	\$0.92	\$0.24	26.1%	\$1.28	(9.4%)

## TRAFFIC AND REVENUE SUMMARY

The chart below reflects the total transactions breakdown between SOV and HOV3+ for FY 2022-23 on a monthly basis.



The chart below reflects the gross potential revenue for FY 2022-23 on a monthly basis.



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## PEAK-HOUR VOLUMES

The 15 Express Lanes features dynamic pricing, which adjusts toll rates based on traffic volumes and to maintain a free-flowing trip. The dynamic pricing engine has been live since March 2022 and staff is carefully monitoring pricing.

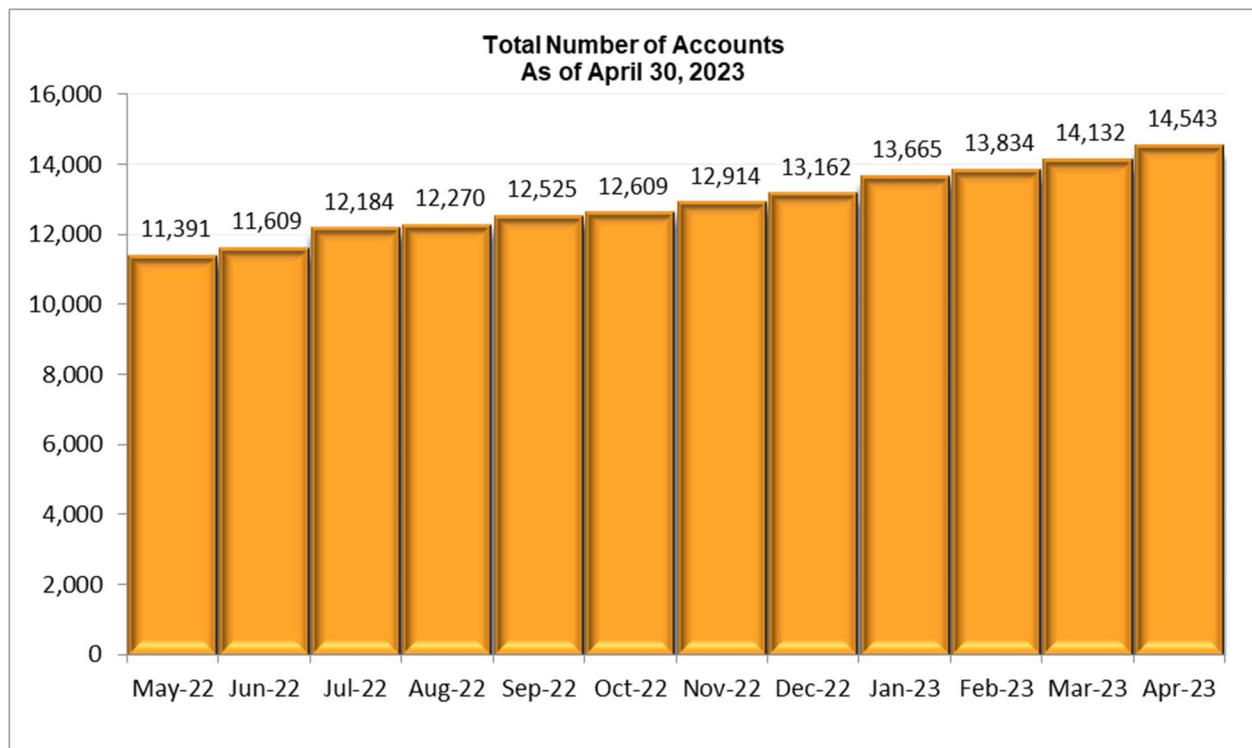
	Morning Peak Northbound 4:00 - 10:00 AM	Afternoon Peak Southbound 2:00 - 8:00 PM
HOV3+	10.1%	11.8%
Highest Toll	\$2.65	\$14.00
Highest Traffic Hour	7AM, 15N Sixth/SR60 1,274 Transactions	4PM, 15S SR60/Sixth 1,466 Transactions

## CUSTOMER SERVICE

### PERFORMANCE MEASURES

REPORTING REQUIREMENT	PERFORMANCE STANDARD	APRIL 2023 PERFORMANCE
<b>CUSTOMER ACCOUNTS</b>		
Transponder Fulfillment	100% within 2 business days	100% within 2 business days
Payment Posting	100% within 1 business day	100% within 1 business day
<b>CUSTOMER CALLS</b>		
Average Wait Time	Less than 150 seconds avg per week	5 seconds highest avg wait time
Abandon Rate	Less than 2%	0.2% abandon rate
Customer Satisfaction	90% minimum satisfaction rate	98.2% satisfaction rate
<b>CORRESPONDENCE</b>		
Email Response	100% within 2 business days	100% within 1 business day
Mail Response	100% within 3 business days	100% within 1 business day

At the end of April 2023, Riverside Express had 14,543 customer accounts and 37,294 transponders classified as assigned.



### CUSTOMER CONTACT ACTIVITY

During April, RiversideExpress.com was visited by 20,456 users and the Customer Service Center processed 917 pieces of correspondence.

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## OPERATIONAL HIGHLIGHTS

### **ON-ROAD OPERATIONS**

Freeway Service Patrol responded to 132 calls during the month of April. Of those calls, 97 were to assist disabled vehicles, 21 call to remove debris, and 14 was in response to an accident that affected the Express Lanes.

### **OPERATIONAL ACTIVITY**

The Customer Service Center (CSC) and Walk-In Center (WIC) located in Corona are open and assisting 15 Express Lanes customers. Calls received by the CSC during the month of April mostly consisted of violations inquiries. 48 customers visited the WIC during the month of April, most were violations customers. Operational activities on the roadway and in the CSC continue to function, including aiding stranded motorists, providing incident management services, dispatching emergency vehicles through the traffic operations center, and responding to customer service and violation calls.



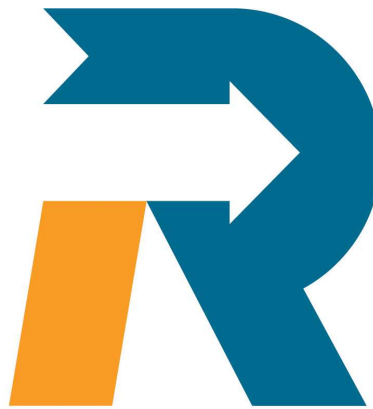
## FINANCIAL HIGHLIGHTS

### RCTC 15 Express Lanes Operating Statement

Description	YTD as of : <b>4/30/2023</b>		YTD Variance	
	Actual <sup>1</sup>	Budget	Dollar \$	Percent (%)
<b>Operating revenues:</b>				
Toll Revenue	\$ 23,470,233.58	\$ 24,529,166.67	\$ (1,058,933.09)	(4.3)
Fee Revenue	5,142,886.65	3,576,666.67	1,566,219.98	43.8
<b>Total operating revenues</b>	<b>28,613,120.23</b>	<b>28,105,833.33</b>	<b>507,286.90</b>	<b>1.8</b>
<b>Operating expenses:</b>				
Salaries and Benefits	425,703.66	613,916.67	188,213.01	30.7
Legal Services	19,820.70	125,000.00	105,179.30	84.1
Advisory Services	25,432.51	50,000.00	24,567.49	49.1
Audit and Accounting Fees	23,752.00	27,500.00	3,748.00	13.6
Service Fees	12,867.17	16,666.67	3,799.50	22.8
Other Professional Services	281,667.06	724,583.33	442,916.27	61.1
Lease Expense	1,871.48	1,833.33	(38.15)	(2.1)
Operations	1,555,648.76	2,659,583.33	1,103,934.57	41.5
Utilities	129,871.37	155,583.33	25,711.96	16.5
Supplies and Materials	4,666.47	10,500.00	5,833.53	55.6
Membership and Subscription Fees	11,339.92	16,083.33	4,743.41	29.5
Office Equipment & Furniture (Non-Capital)	-	25,000.00	25,000.00	100.0
Maintenance/Repairs	259,799.88	505,500.00	245,700.12	48.6
Training Seminars and Conferences	611.26	5,916.67	5,305.41	89.7
Transportation Expenses	429.73	2,416.67	1,986.94	82.2
Lodging	1,784.94	2,083.33	298.39	14.3
Meals	232.50	416.67	184.17	44.2
Other Staff Expenses	75.13	416.67	341.54	82.0
Advertising	-	83,333.33	83,333.33	100.0
Program Management	41,110.71	43,666.67	2,555.96	5.9
Program Operations	4,536,383.07	7,618,083.33	3,081,700.26	40.5
Litigation Settlement	-	-	-	N/A
Furniture & Equipment	4,160.23	7,500.00	3,339.77	44.5
Improvements	-	833.33	833.33	100.0
Bad Debt Expense	550.63	-	(550.63)	N/A
<b>Total operating expenses</b>	<b>7,337,779.18</b>	<b>12,696,416.67</b>	<b>5,358,637.49</b>	<b>42.2</b>
<b>Operating income (loss)</b>	<b>21,275,341.05</b>	<b>15,409,416.67</b>	<b>5,865,924.38</b>	<b>38.1</b>
<b>Nonoperating revenues (expenses):</b>				
Interest Revenue	1,198,207.21	49,333.33	1,148,873.88	(2,328.8)
Other Miscellaneous Revenue	114,037.68	83,333.33	30,704.35	(36.8)
Interest Expense	(3,251,058.00)	-	(3,251,058.00)	N/A
<b>Total nonoperating revenues (expenses)</b>	<b>(1,938,813.11)</b>	<b>132,666.67</b>	<b>(2,071,479.78)</b>	<b>1,561.4</b>
Transfers In	177,116.78	-	177,116.78	N/A
Transfers Out	(259,642.90)	(371,083.33)	111,440.43	(30.0)
<b>Net income (loss)</b>	<b>\$ 19,254,001.82</b>	<b>\$ 15,171,000.00</b>	<b>\$ 4,083,001.82</b>	<b>26.9</b>

<sup>1</sup> Unaudited





*RiversideExpress*  
***15 ExpressLanes***

Status Report  
May 31, 2023

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## TRAFFIC AND REVENUE

Total toll transactions on the 15 Express Lanes for May 2023 was 2,487,408. This represents a daily average of 80,239 transactions. Potential toll revenue for May was \$3,288,145. Carpool percentage for May was 10.7%.

Month-to-date traffic and revenue data is summarized in the table below. The following transactions and revenue statistics tables represent all transactions on the 15 Express Lanes and associated potential revenue for the month of May 2023.

### Current Month-to-Date as of May 31, 2023

Transactions	MAY-23 MTD	Stantec MTD Projected	# Variance	% Variance	MAY-22 MTD	Yr-to-Yr % Variance
SOV	2,220,421				1,863,207	19.2%
HOV3+	266,987				229,809	16.2%
Total Gross Transactions	2,487,408	2,425,286	62,122	2.6%	2,093,016	18.8%
<b>Revenue</b>						
SOV	\$3,288,145				\$2,539,144	29.5%
HOV3+	\$0				\$0	
Total Gross Revenue	\$3,288,145	\$2,321,957	\$966,188	41.6%	\$2,539,144	29.5%
<b>Average Revenue per Transaction</b>						
Average SOV	\$1.48				\$1.36	8.8%
Average HOV3+	\$0.00				\$0.00	
Average Gross Revenue	\$1.32	\$0.96	\$0.36	37.5%	\$1.21	9.1%

Direction	SOV	HOV3+	Transactions	% Total Transactions	Expected Revenue	% Expected Revenue
Northbound	1,071,725	120,381	1,192,106	47.9%	\$832,891	25.3%
Southbound	1,148,696	146,606	1,295,302	52.1%	\$2,455,254	74.7%
Totals	2,220,421	266,987	2,487,408	100.0%	\$3,288,145	100.0%

SOV: Single Occupancy Vehicle  
HOV3+: High Occupancy Vehicle

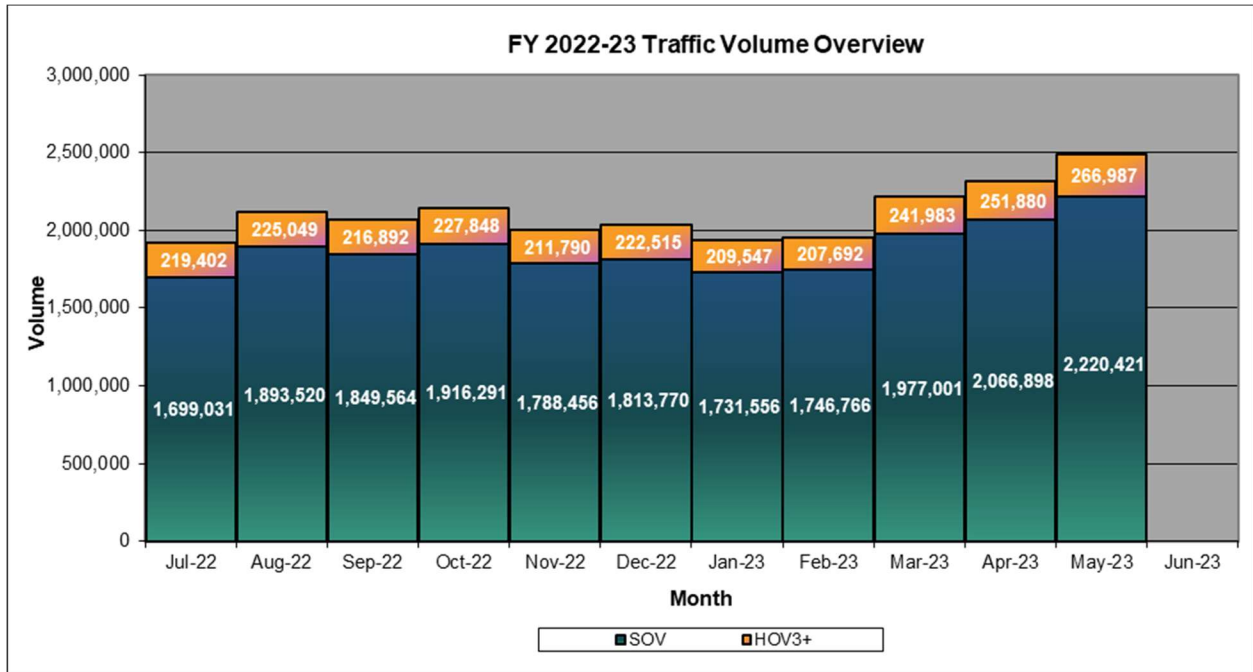
Fiscal year-to-date traffic and revenue data are summarized in the table below. The following transaction and revenue statistics represent all transactions on the 15 Express Lanes and associated potential revenue for the months of July 2022 through May 2023. Year-to-date average revenue per-transaction is \$1.17.

#### FY 2022-23 Year-to-Date as of May 31, 2023

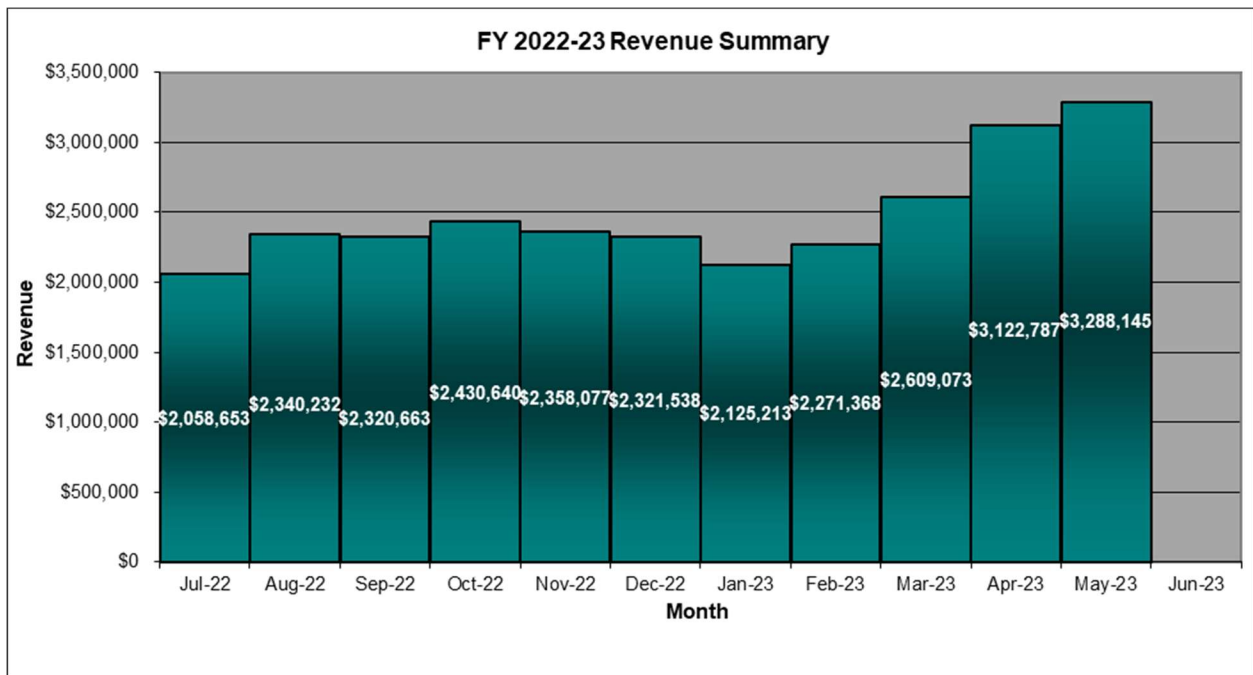
Transactions	FY 2022-23 YTD Actual	Stantec YTD Projected	# Variance	% Variance	FY 2021-22 YTD Actual	Yr-toYr % Variance
SOV	20,703,274				19,250,465	7.5%
HOV3+	2,501,585				2,227,405	12.3%
Total Gross Transactions	23,204,859	28,723,314	(5,518,455)	(19.2%)	21,477,870	8.0%
<b>Revenue</b>						
SOV	\$27,246,389				\$27,319,481	(0.3%)
HOV3+	\$0				\$0	
Total Gross Revenue	\$27,246,389	\$26,645,600	\$600,789	2.3%	\$27,319,481	(0.3%)
<b>Average Revenue per Transaction</b>						
Average SOV	\$1.32				\$1.42	(7.0%)
Average HOV3+	\$0.00				\$0.00	
Average Gross Revenue	\$1.17	\$0.93	\$0.24	25.8%	\$1.27	(7.9%)

## TRAFFIC AND REVENUE SUMMARY

The chart below reflects the total transactions breakdown between SOV and HOV3+ for FY 2022-23 on a monthly basis.



The chart below reflects the gross potential revenue for FY 2022-23 on a monthly basis.



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## PEAK-HOUR VOLUMES

The 15 Express Lanes features dynamic pricing, which adjusts toll rates based on traffic volumes and to maintain a free-flowing trip. The dynamic pricing engine has been live since March 2022 and staff is carefully monitoring pricing.

	Morning Peak Northbound 4:00 - 10:00 AM	Afternoon Peak Southbound 2:00 - 8:00 PM
HOV3+	9.9%	11.8%
Highest Toll	\$3.05	\$14.00
Highest Traffic Hour	7AM, 15N Sixth/SR60 1,456 Transactions	2PM, 15S Magnolia/Cajalco 1,429 Transactions

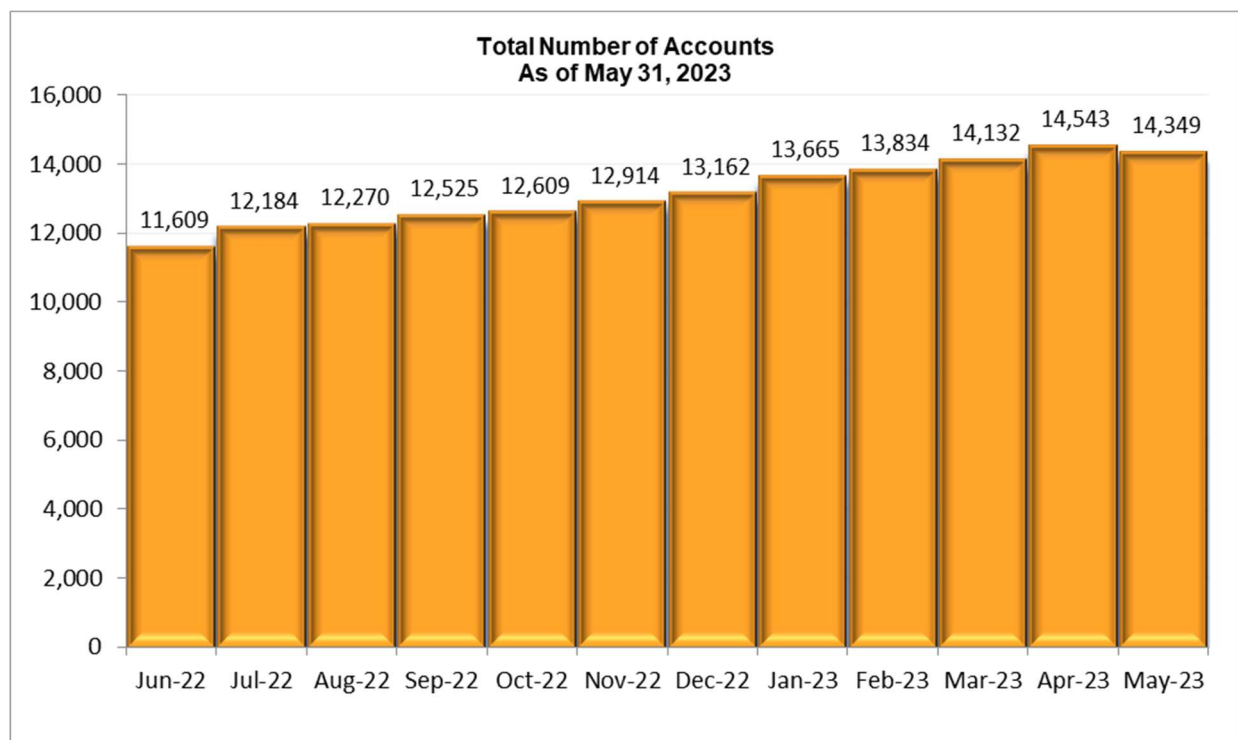


## CUSTOMER SERVICE

### PERFORMANCE MEASURES

REPORTING REQUIREMENT	PERFORMANCE STANDARD	MAY 2023 PERFORMANCE
<b>CUSTOMER ACCOUNTS</b>		
Transponder Fulfillment	100% within 2 business days	100% within 2 business days
Payment Posting	100% within 1 business day	100% within 1 business day
<b>CUSTOMER CALLS</b>		
Average Wait Time	Less than 150 seconds avg per week	6 seconds highest avg wait time
Abandon Rate	Less than 2%	0.2% abandon rate
Customer Satisfaction	90% minimum satisfaction rate	98.3% satisfaction rate
<b>CORRESPONDENCE</b>		
Email Response	100% within 2 business days	100% within 1 business day
Mail Response	100% within 3 business days	100% within 1 business day

At the end of May 2023, Riverside Express had 14,349 customer accounts and 38,584 transponders classified as assigned.



### CUSTOMER CONTACT ACTIVITY

During May, RiversideExpress.com was visited by 25,741 users and the Customer Service Center processed 1,258 pieces of correspondence.

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## OPERATIONAL HIGHLIGHTS

### **ON-ROAD OPERATIONS**

Freeway Service Patrol responded to 112 calls during the month of May. Of those calls, 67 were to assist disabled vehicles, 23 call to remove debris, and 22 was in response to an accident that affected the Express Lanes.

### **OPERATIONAL ACTIVITY**

The Customer Service Center (CSC) and Walk-In Center (WIC) located in Corona are open and assisting 15 Express Lanes customers. Calls received by the CSC during the month of May mostly consisted of violations inquiries. 62 customers visited the WIC during the month of May, most were violations customers. Operational activities on the roadway and in the CSC continue to function, including aiding stranded motorists, providing incident management services, dispatching emergency vehicles through the traffic operations center, and responding to customer service and violation calls.

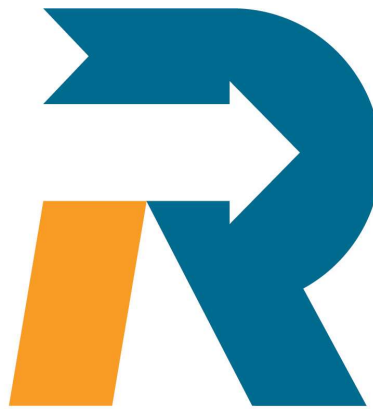
## FINANCIAL HIGHLIGHTS

### RCTC 15 Express Lanes Operating Statement

Description	YTD as of : <b>5/31/2023</b>		YTD Variance	
	Actual <sup>1</sup>	Budget	Dollar \$	Percent (%)
<b>Operating revenues:</b>				
Toll Revenue	\$ 26,615,717.26	\$ 26,982,083.33	\$ (366,366.07)	(1.4)
Fee Revenue	5,787,855.65	3,934,333.33	1,853,522.32	47.1
<b>Total operating revenues</b>	<b>32,403,572.91</b>	<b>30,916,416.67</b>	<b>1,487,156.24</b>	<b>4.8</b>
<b>Operating expenses:</b>				
Salaries and Benefits	483,508.19	675,308.33	191,800.14	28.4
Legal Services	20,514.45	137,500.00	116,985.55	85.1
Advisory Services	32,087.97	55,000.00	22,912.03	41.7
Audit and Accounting Fees	23,752.00	30,250.00	6,498.00	21.5
Service Fees	12,867.17	18,333.33	5,466.16	29.8
Other Professional Services	314,569.57	797,041.67	482,472.10	60.5
Lease Expense	1,871.48	2,016.67	145.19	7.2
Operations	1,636,380.37	2,925,541.67	1,289,161.30	44.1
Utilities	143,999.17	171,141.67	27,142.50	15.9
Supplies and Materials	4,763.54	11,550.00	6,786.46	58.8
Membership and Subscription Fees	11,339.92	17,691.67	6,351.75	35.9
Office Equipment & Furniture (Non-Capital)	-	27,500.00	27,500.00	100.0
Maintenance/Repairs	273,879.62	556,050.00	282,170.38	50.7
Training Seminars and Conferences	2,818.76	6,508.33	3,689.57	56.7
Transportation Expenses	1,033.90	2,658.33	1,624.43	61.1
Lodging	2,659.47	2,291.67	(367.80)	(16.0)
Meals	370.00	458.33	88.33	19.3
Other Staff Expenses	323.47	458.33	134.86	29.4
Advertising	-	91,666.67	91,666.67	100.0
Program Management	41,110.71	48,033.33	6,922.62	14.4
Program Operations	5,226,248.78	8,379,891.67	3,153,642.89	37.6
Litigation Settlement	-	-	-	N/A
Furniture & Equipment	4,160.23	8,250.00	4,089.77	49.6
Improvements	-	916.67	916.67	100.0
Bad Debt Expense	675.13	-	(675.13)	N/A
<b>Total operating expenses</b>	<b>8,238,933.90</b>	<b>13,966,058.33</b>	<b>5,727,124.43</b>	<b>41.0</b>
<b>Operating income (loss)</b>	<b>24,164,639.01</b>	<b>16,950,358.33</b>	<b>7,214,280.68</b>	<b>42.6</b>
<b>Nonoperating revenues (expenses):</b>				
Interest Revenue	1,363,496.83	54,266.67	1,309,230.16	(2,412.6)
Other Miscellaneous Revenue	114,037.68	91,666.67	22,371.01	(24.4)
Interest Expense	(3,251,058.00)	-	(3,251,058.00)	N/A
<b>Total nonoperating revenues (expenses)</b>	<b>(1,773,523.49)</b>	<b>145,933.33</b>	<b>(1,919,456.82)</b>	<b>1,315.3</b>
Transfers In	177,116.78	-	177,116.78	N/A
Transfers Out	(259,642.90)	(408,191.67)	148,548.77	(36.4)
<b>Net income (loss)</b>	<b>\$ 22,308,589.40</b>	<b>\$ 16,688,100.00</b>	<b>\$ 5,620,489.40</b>	<b>33.7</b>

<sup>1</sup> Unaudited





*RiversideExpress*  
***15 ExpressLanes***

Status Report  
June 30, 2023

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## TRAFFIC AND REVENUE

Total toll transactions on the 15 Express Lanes for June 2023 was 2,372,582. This represents a daily average of 79,086 transactions. Potential toll revenue for June was \$3,102,161. Carpool percentage for June was 11%.

Month-to-date traffic and revenue data is summarized in the table below. The following transactions and revenue statistics tables represent all transactions on the 15 Express Lanes and associated potential revenue for the month of June 2023.

### Current Month-to-Date as of June 30, 2023

Transactions	JUN-23 MTD	Stantec MTD Projected	# Variance	% Variance	JUN-22 MTD	Yr-to-Yr % Variance
SOV	2,111,602				1,772,220	19.2%
HOV3+	260,980				215,856	20.9%
Total Gross Transactions	2,372,582	2,685,400	(312,818)	(11.6%)	1,988,076	19.3%
<b>Revenue</b>						
SOV	\$3,102,161				\$2,531,137	22.6%
HOV3+	\$0				\$0	
Total Gross Revenue	\$3,102,161	\$2,637,657	\$464,504	17.6%	\$2,531,137	22.6%
<b>Average Revenue per Transaction</b>						
Average SOV	\$1.47				\$1.43	2.8%
Average HOV3+	\$0.00				\$0.00	
Average Gross Revenue	\$1.31	\$0.98	\$0.33	33.7%	\$1.27	3.1%

Direction	SOV	HOV3+	Transactions	% Total Transactions	Expected Revenue	% Expected Revenue
Northbound	1,051,592	120,003	1,171,595	49.4%	\$737,585	23.8%
Southbound	1,060,010	140,977	1,200,987	50.6%	\$2,364,576	76.2%
Totals	2,111,602	260,980	2,372,582	100.0%	\$3,102,161	100.0%

SOV: Single Occupancy Vehicle  
HOV3+: High Occupancy Vehicle

Fiscal year-to-date traffic and revenue data are summarized in the table below. The following transaction and revenue statistics represent all transactions on the 15 Express Lanes and associated potential revenue for the months of July 2022 through June 2023. Year-to-date average revenue per-transaction is \$1.19.

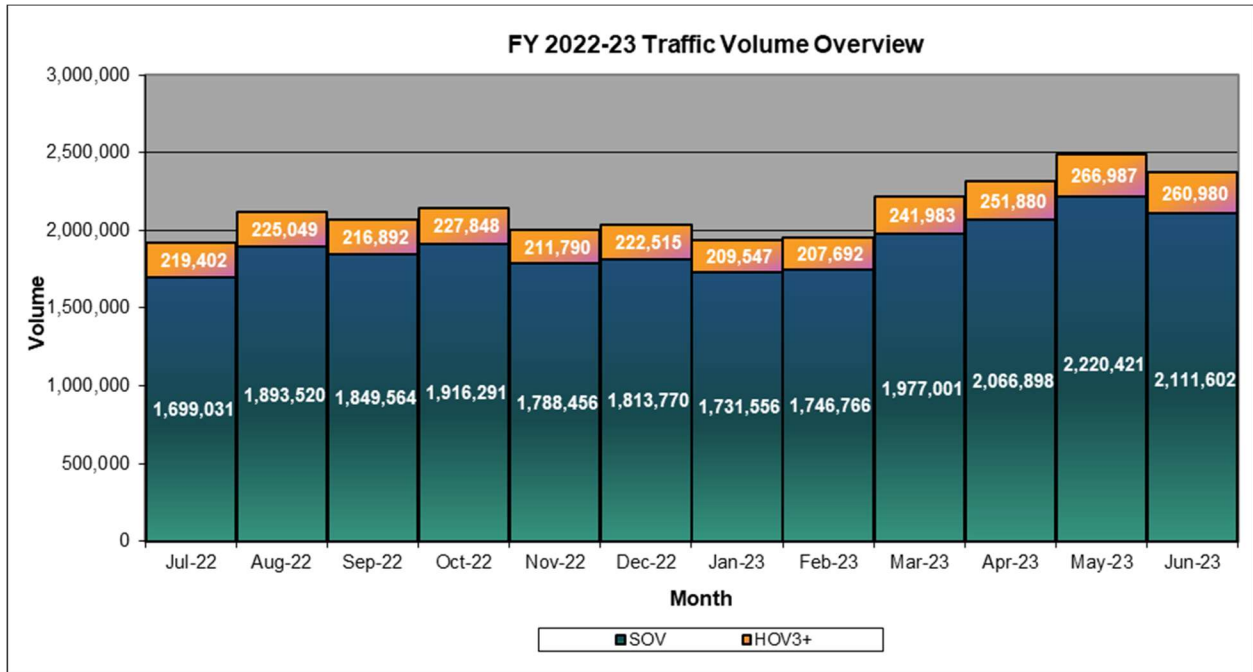
**FY 2022-23 Year-to-Date as of June 30, 2023**

Transactions	FY 2022-23 YTD Actual	Stantec YTD Projected	# Variance	% Variance	FY 2021-22 YTD Actual	Yr-toYr % Variance
SOV	22,814,876				21,022,685	8.5%
HOV3+	2,762,565				2,443,261	13.1%
Total Gross Transactions	25,577,441	31,408,714	(5,831,273)	(18.6%)	23,465,946	9.0%
<b>Revenue</b>						
SOV	\$30,348,550				\$29,850,618	1.7%
HOV3+	\$0				\$0	
Total Gross Revenue	\$30,348,550	\$29,283,258	\$1,065,292	3.6%	\$29,850,618	1.7%
<b>Average Revenue per Transaction</b>						
Average SOV	\$1.33				\$1.42	(6.3%)
Average HOV3+	\$0.00				\$0.00	
Average Gross Revenue	\$1.19	\$0.93	\$0.26	28.0%	\$1.27	(6.3%)

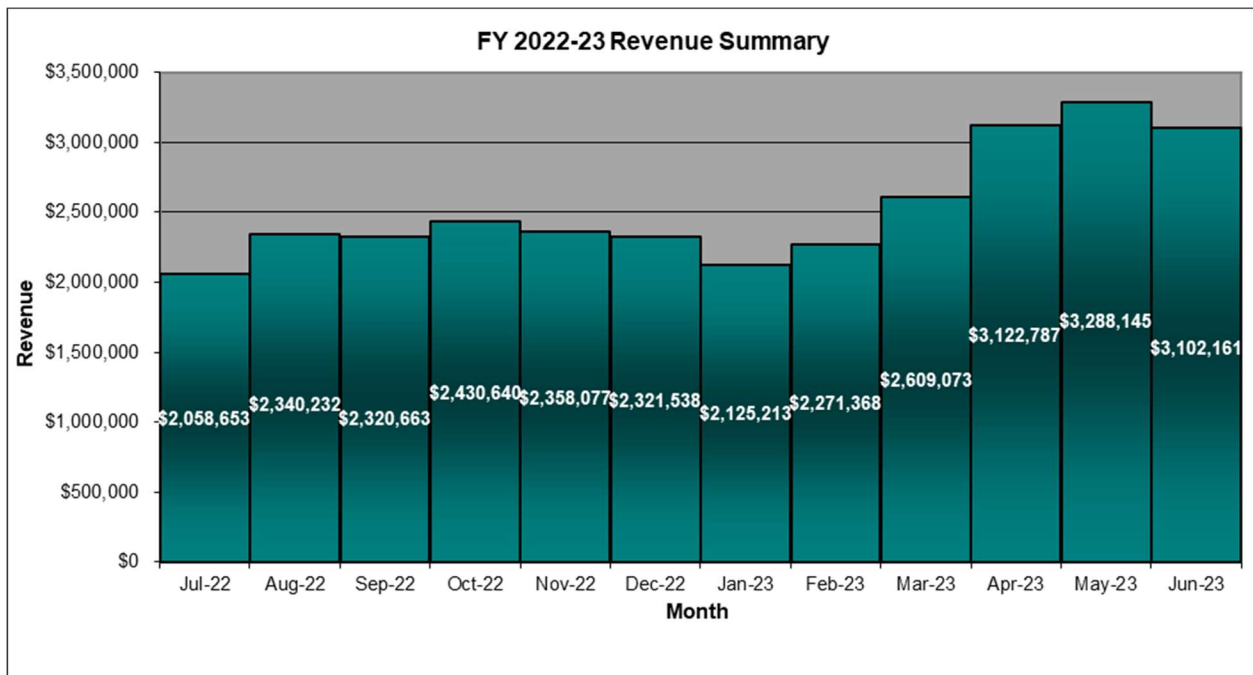


## TRAFFIC AND REVENUE SUMMARY

The chart below reflects the total transactions breakdown between SOV and HOV3+ for FY 2022-23 on a monthly basis.



The chart below reflects the gross potential revenue for FY 2022-23 on a monthly basis.



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## PEAK-HOUR VOLUMES

The 15 Express Lanes features dynamic pricing, which adjusts toll rates based on traffic volumes and to maintain a free-flowing trip. The dynamic pricing engine has been live since March 2022 and staff is carefully monitoring pricing.

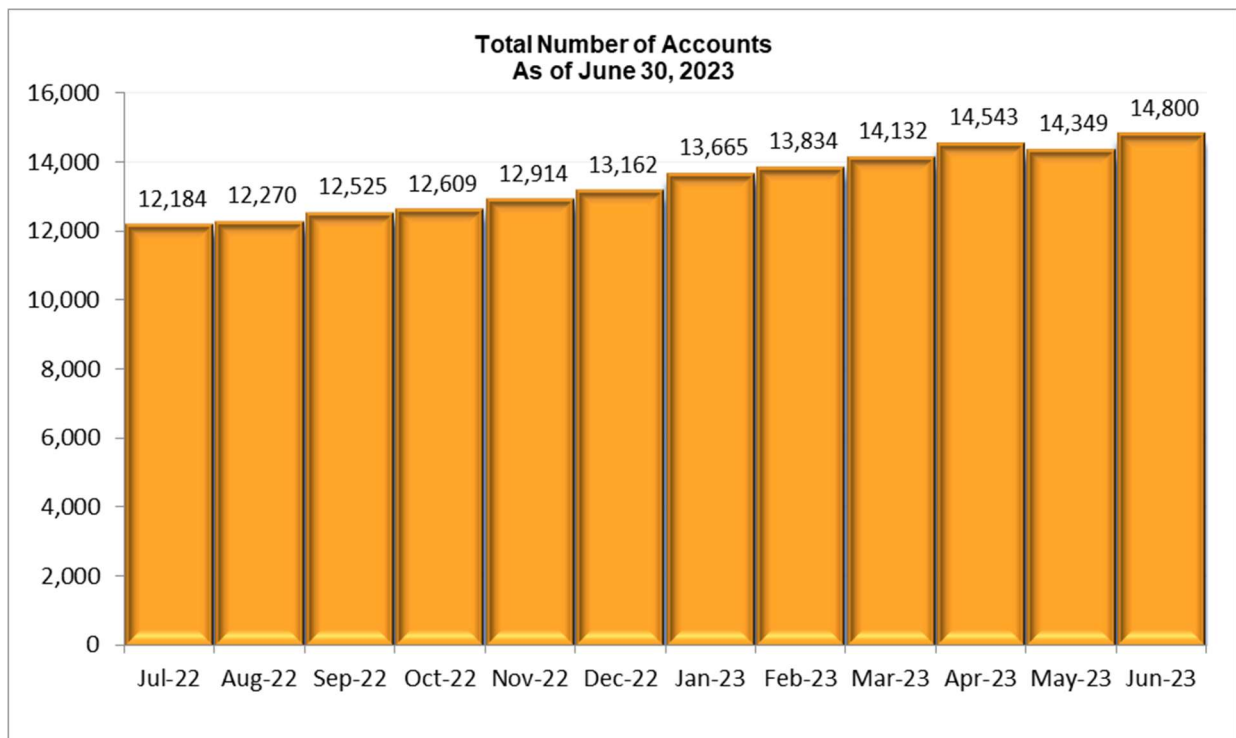
	Morning Peak Northbound 4:00 - 10:00 AM	Afternoon Peak Southbound 2:00 - 8:00 PM
HOV3+	10.2%	11.9%
Highest Toll	\$1.85	\$14.00
Highest Traffic Hour	6AM, 15N Cajalco/Magnolia 1,232 Transactions	4PM, 15S Magnolia/Cajalco 1,394 Transactions

## CUSTOMER SERVICE

### PERFORMANCE MEASURES

REPORTING REQUIREMENT	PERFORMANCE STANDARD	JUNE 2023 PERFORMANCE
<b>CUSTOMER ACCOUNTS</b>		
Transponder Fulfillment	100% within 2 business days	100% within 2 business days
Payment Posting	100% within 1 business day	100% within 1 business day
<b>CUSTOMER CALLS</b>		
Average Wait Time	Less than 150 seconds avg per week	7 seconds highest avg wait time
Abandon Rate	Less than 2%	0.2% abandon rate
Customer Satisfaction	90% minimum satisfaction rate	97.8% satisfaction rate
<b>CORRESPONDENCE</b>		
Email Response	100% within 2 business days	100% within 1 business day
Mail Response	100% within 3 business days	100% within 2 business day

At the end of June 2023, Riverside Express had 14,800 customer accounts and 39,656 transponders classified as assigned.



### CUSTOMER CONTACT ACTIVITY

During June, RiversideExpress.com was visited by 28,504 users and the Customer Service Center processed 1,645 pieces of correspondence.

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## OPERATIONAL HIGHLIGHTS

### **ON-ROAD OPERATIONS**

Freeway Service Patrol responded to 148 calls during the month of June. Of those calls, 96 were to assist disabled vehicles, 29 call to remove debris, and 23 was in response to an accident that affected the Express Lanes.

### **OPERATIONAL ACTIVITY**

The Customer Service Center (CSC) and Walk-In Center (WIC) located in Corona are open and assisting 15 Express Lanes customers. Calls received by the CSC during the month of June mostly consisted of violations inquiries. 51 customers visited the WIC during the month of June, most were violations customers. Operational activities on the roadway and in the CSC continue to function, including aiding stranded motorists, providing incident management services, dispatching emergency vehicles through the traffic operations center, and responding to customer service and violation calls.

## FINANCIAL HIGHLIGHTS

### RCTC 15 Express Lanes Operating Statement

Description	YTD as of : <b>6/30/2023</b>		YTD Variance	
	Actual <sup>1</sup>	Budget	Dollar \$	Percent (%)
<b>Operating revenues:</b>				
Toll Revenue	\$ 29,597,260.42	\$ 29,435,000.00	\$ 162,260.42	0.6
Fee Revenue	6,515,543.55	4,292,000.00	2,223,543.55	51.8
<b>Total operating revenues</b>	<b>36,112,803.97</b>	<b>33,727,000.00</b>	<b>2,385,803.97</b>	<b>7.1</b>
<b>Operating expenses:</b>				
Salaries and Benefits	551,935.11	736,700.00	184,764.89	25.1
Legal Services	23,745.45	150,000.00	126,254.55	84.2
Advisory Services	38,487.97	60,000.00	21,512.03	35.9
Audit and Accounting Fees	23,752.00	33,000.00	9,248.00	28.0
Service Fees	19,211.63	20,000.00	788.37	3.9
Other Professional Services	361,066.43	869,500.00	508,433.57	58.5
Lease Expense	1,901.48	2,200.00	298.52	13.6
Operations	1,923,981.14	3,191,500.00	1,267,518.86	39.7
Utilities	162,420.67	186,700.00	24,279.33	13.0
Supplies and Materials	4,763.54	12,600.00	7,836.46	62.2
Membership and Subscription Fees	11,339.92	19,300.00	7,960.08	41.2
Office Equipment & Furniture (Non-Capital)	-	30,000.00	30,000.00	100.0
Maintenance/Repairs	308,424.62	606,600.00	298,175.38	49.2
Training Seminars and Conferences	2,818.76	7,100.00	4,281.24	60.3
Transportation Expenses	1,100.97	2,900.00	1,799.03	62.0
Lodging	2,659.47	2,500.00	(159.47)	(6.4)
Meals	464.03	500.00	35.97	7.2
Other Staff Expenses	323.47	500.00	176.53	35.3
Advertising	-	100,000.00	100,000.00	100.0
Program Management	57,911.36	52,400.00	(5,511.36)	(10.5)
Program Operations	7,439,540.41	9,141,700.00	1,702,159.59	18.6
Litigation Settlement	-	-	-	N/A
Furniture & Equipment	6,463.56	9,000.00	2,536.44	28.2
Improvements	-	1,000.00	1,000.00	100.0
Bad Debt Expense	817.58	-	(817.58)	N/A
<b>Total operating expenses</b>	<b>10,943,129.57</b>	<b>15,235,700.00</b>	<b>4,292,570.43</b>	<b>28.2</b>
<b>Operating income (loss)</b>	<b>25,169,674.40</b>	<b>18,491,300.00</b>	<b>6,678,374.40</b>	<b>36.1</b>
<b>Nonoperating revenues (expenses):</b>				
Interest Revenue	1,617,339.40	59,200.00	1,558,139.40	(2,632.0)
Other Miscellaneous Revenue	3,249,125.70	100,000.00	3,149,125.70	(3,149.1)
Interest Expense	(5,055,596.00)	-	(5,055,596.00)	N/A
<b>Total nonoperating revenues (expenses)</b>	<b>(189,130.90)</b>	<b>159,200.00</b>	<b>(348,330.90)</b>	<b>218.8</b>
Transfers In	177,116.78	-	177,116.78	N/A
Transfers Out	(337,842.90)	(445,300.00)	107,457.10	(24.1)
<b>Net income (loss)</b>	<b>\$ 24,819,817.38</b>	<b>\$ 18,205,200.00</b>	<b>\$ 6,614,617.38</b>	<b>36.3</b>

<sup>1</sup> Unaudited



# **AGENDA ITEM 6G**





<b><i>RIVERSIDE COUNTY TRANSPORTATION COMMISSION</i></b>	
<b>DATE:</b>	November 8, 2023
<b>TO:</b>	Riverside County Transportation Commission
<b>FROM:</b>	Toll Policy and Operations Committee Anthony Parada, Senior Management Analyst Jennifer Crosson, Toll Operations Director
<b>THROUGH:</b>	Anne Mayer, Executive Director
<b>SUBJECT:</b>	91 Express Lanes Monthly Status Reports

**TOLL POLICY AND OPERATIONS COMMITTEE AND STAFF RECOMMENDATION:**

This item is for the Commission to:

- 1) Receive and file the 91 Express Lanes Monthly Reports for the six months from January to June 2023.

**BACKGROUND INFORMATION:**

The monthly 91 Express Lanes reports for the six months from January to June 2023 are attached. The monthly reports provide information about 91 Express Lanes performance and activity. The monthly reports include information for both segments of the 91 Express Lanes in Orange and Riverside Counties.

**FISCAL IMPACT:**

This item is for informational purposes only. There is no fiscal impact.

Attachments:

- 1) 91 Express Lanes Monthly Status Report for January 2023
- 2) 91 Express Lanes Monthly Status Report for February 2023
- 3) 91 Express Lanes Monthly Status Report for March 2023
- 4) 91 Express Lanes Monthly Status Report for April 2023
- 5) 91 Express Lanes Monthly Status Report for May 2023
- 6) 91 Express Lanes Monthly Status Report for June 2023





**Orange County Transportation Authority  
Riverside County Transportation Commission**



Status Report  
January 2023

As of January 31, 2023

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# OPERATIONS OVERVIEW OCTA

## TRAFFIC AND REVENUE STATISTICS FOR OCTA

Total traffic volume on the 91 Express Lanes (91 EL) for January 2023 was 1,485,596. This represents a daily average of 47,922 vehicles. This is a 10.3 percent increase in total traffic volume from the same period last year, which totaled 1,347,435. Potential toll revenue for January was \$4,773,187, which represents an increase of 12.5 percent from the prior year's total of \$4,242,437. The increase in traffic, as compared to the prior year, is attributable to several overnight closures in January 2022 for the Corridor Operations Project, the Toll Entrance Gantries Infrastructure Project, and a pavement rehabilitation project on the general purpose lanes. Carpool percentage for January was 23.8 percent as compared to the previous year's rate of 23.4 percent.

Month-to-date (MTD) traffic and revenue data is summarized in the table below. The following trip and revenue statistics tables represent all trips taken on the Orange County Transportation Authority (OCTA) 91 EL and associated potential revenue for the month of January 2023.

### Current MTD as of January 31, 2023

Trips	JAN-23 MTD Actual	JAN-22 MTD Actual	Yr-to-Yr % Variance
Full Toll Lanes	1,132,390	1,032,864	9.6%
3+ Lanes	353,206	314,571	12.3%
Total Gross Trips	1,485,596	1,347,435	10.3%
<b>Revenue</b>			
Full Toll Lanes	\$4,714,450	\$4,188,067	12.6%
3+ Lanes	\$58,737	\$54,371	8.0%
Total Gross Revenue	\$4,773,187	\$4,242,437	12.5%
<b>Average Revenue per Trip</b>			
Average Full Toll Lanes	\$4.16	\$4.05	2.7%
Average 3+ Lanes	\$0.17	\$0.17	0.0%
Average Gross Revenue	\$3.21	\$3.15	1.9%

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The 2023 fiscal year-to-date (YTD) traffic volume decreased by 2.4 percent, and potential toll revenue increased by 0.3 percent when compared with the same period the prior year. YTD average revenue per trip is \$3.17.

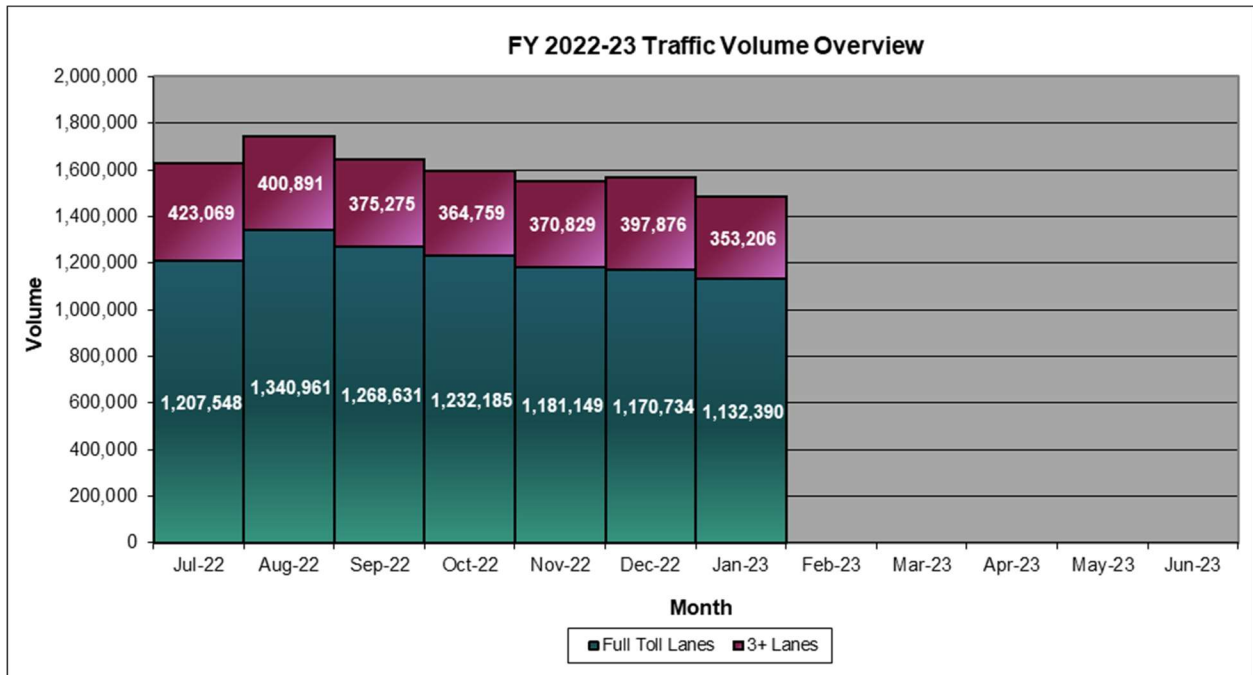
Fiscal YTD traffic and revenue data are summarized in the table below. The following trip and revenue statistics tables represent all trips taken on the OCTA 91 EL and associated potential revenue for the months of July 2022 through January 2023.

**Fiscal Year (FY) 2022-23 YTD as of January 31, 2023**

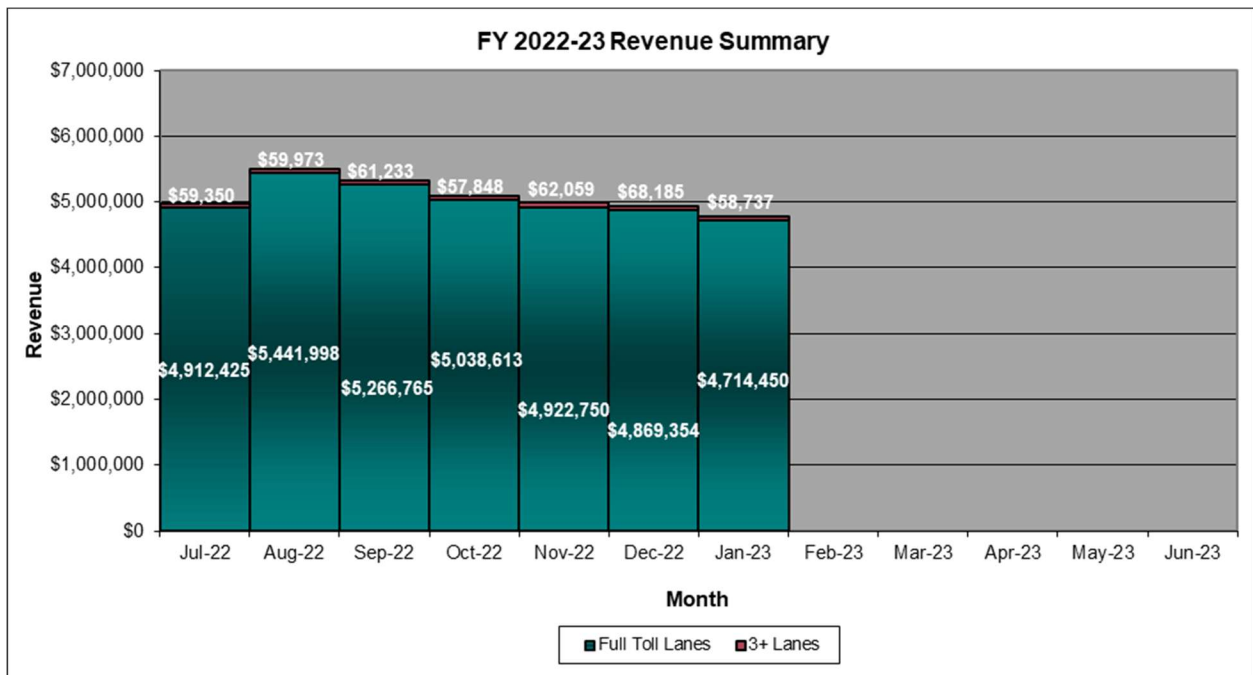
<b>Trips</b>	<b>FY 2022-23 YTD Actual</b>	<b>FY 2021-22 YTD Actual</b>	<b>Yr-to-Yr % Variance</b>
Full Toll Lanes	8,533,598	8,854,808	(3.6%)
3+ Lanes	2,685,905	2,643,089	1.6%
Total Gross Trips	11,219,503	11,497,897	(2.4%)
<b>Revenue</b>			
Full Toll Lanes	\$35,166,355	\$35,146,324	0.1%
3+ Lanes	\$427,384	\$355,615	20.2%
Total Gross Revenue	\$35,593,738	\$35,501,939	0.3%
<b>Average Revenue per Trip</b>			
Average Full Toll Lanes	\$4.12	\$3.97	3.8%
Average 3+ Lanes	\$0.16	\$0.13	23.1%
Average Gross Revenue	\$3.17	\$3.09	2.6%

## OCTA Traffic and Revenue Summary

The chart below reflects the total trips breakdown between full toll trips and high-occupancy vehicle (HOV3+) trips for FY 2022-23 on a monthly basis.



The chart below reflects the gross potential revenue breakdown between full toll trips and HOV3+ trips for FY 2022-23 on a monthly basis.



## OCTA PEAK-HOUR VOLUMES

Peak-hour traffic in the eastbound and westbound directions reached or exceeded 90 percent of defined capacity five times during the month of January 2023. As demonstrated on the next chart, westbound peak-hour traffic volumes top out at 94 percent of defined capacity.

## OCTA EASTBOUND PEAK-HOUR VOLUMES

EASTBOUND WEEKDAY PEAK VOLUME

PM Time	Monday 01/02/23				Tuesday 01/03/23				Wednesday 01/04/23				Thursday 01/05/23				Friday 01/06/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500	\$5.25	392	1,137	33%	\$5.30	430	2,454	72%	\$5.30	416	2,621	77%	\$7.70	354	2,150	63%	\$8.60	521	2,962	87%
1500 - 1600	\$5.25	367	1,128	33%	\$5.75	441	2,637	78%	\$7.45	437	2,805	83%	\$7.45	397	2,480	73%	\$8.15	504	2,893	85%
1600 - 1700	\$5.25	351	1,017	30%	\$5.25	403	2,474	73%	\$6.50	459	2,676	79%	\$7.00	378	2,213	65%	\$6.95	452	2,714	80%
1700 - 1800	\$5.25	372	1,034	30%	\$4.90	477	2,567	76%	\$5.40	525	2,812	83%	\$6.70	365	2,014	59%	\$6.95	520	2,725	80%
1800 - 1900	\$5.25	379	986	29%	\$4.05	616	2,585	76%	\$4.05	477	2,063	61%	\$4.50	489	1,914	56%	\$6.95	420	1,569	46%
1900 - 2000	\$5.25	379	874	26%	\$3.95	472	1,742	51%	\$3.95	416	1,404	41%	\$5.75	328	1,165	34%	\$6.45	809	2,775	82%

PM Time	Monday 01/09/23				Tuesday 01/10/23				Wednesday 01/11/23				Thursday 01/12/23				Friday 01/13/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500	\$5.30	371	2,504	74%	\$5.30	353	2,418	71%	\$5.30	410	2,877	85%	\$7.70	425	2,944	87%	\$8.60	542	2,958	87%
1500 - 1600	\$5.65	534	3,022	89%	\$5.75	436	2,745	81%	\$7.45	467	2,978	88%	\$7.45	454	2,950	87%	\$8.15	502	2,856	84%
1600 - 1700	\$5.10	508	2,903	85%	\$5.25	388	2,540	75%	\$6.50	448	2,989	88%	\$7.00	416	2,919	86%	\$6.95	523	2,805	83%
1700 - 1800	\$4.95	541	2,886	84%	\$4.90	414	2,335	69%	\$5.40	459	2,848	84%	\$6.70	380	2,188	64%	\$6.95	528	2,754	81%
1800 - 1900	\$5.65	613	2,429	71%	\$4.05	464	1,860	55%	\$4.05	626	2,766	81%	\$4.50	628	2,695	79%	\$6.95	638	2,696	79%
1900 - 2000	\$3.95	423	1,386	41%	\$3.95	305	1,106	33%	\$3.95	577	2,465	73%	\$5.75	666	2,758	81%	\$6.45	723	2,509	74%

PM Time	Monday 01/16/23				Tuesday 01/17/23				Wednesday 01/18/23				Thursday 01/19/23				Friday 01/20/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500	\$5.30	415	2,085	61%	\$5.30	374	2,765	81%	\$5.30	403	2,850	84%	\$7.70	439	2,983	88%	\$8.60	494	2,870	84%
1500 - 1600	\$5.65	452	2,337	69%	\$5.75	432	2,942	87%	\$7.45	496	2,953	87%	\$7.45	474	3,117	92%	\$8.15	519	2,882	85%
1600 - 1700	\$5.10	440	2,354	69%	\$5.25	420	2,911	86%	\$6.50	414	2,840	84%	\$7.00	448	2,936	86%	\$6.95	491	2,746	81%
1700 - 1800	\$4.95	443	2,002	59%	\$4.90	442	2,828	83%	\$5.40	452	2,820	83%	\$6.70	423	2,582	76%	\$6.95	534	2,796	82%
1800 - 1900	\$5.65	483	1,439	42%	\$4.05	583	2,767	81%	\$4.05	583	2,779	82%	\$4.50	560	2,558	75%	\$6.95	699	2,900	85%
1900 - 2000	\$3.95	406	1,040	31%	\$3.95	665	2,719	80%	\$3.95	467	1,865	55%	\$5.75	607	2,567	76%	\$6.45	769	2,657	78%

PM Time	Monday 01/23/23				Tuesday 01/24/23				Wednesday 01/25/23				Thursday 01/26/23				Friday 01/27/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500	\$5.30	395	2,735	80%	\$5.30	405	2,907	86%	\$5.30	417	2,746	81%	\$7.70	447	2,979	88%	\$8.60	477	3,020	89%
1500 - 1600	\$5.65	449	2,758	81%	\$5.75	468	3,004	88%	\$7.45	445	2,920	86%	\$7.45	465	2,864	84%	\$8.15	520	3,007	88%
1600 - 1700	\$5.10	445	2,874	85%	\$5.25	413	2,851	84%	\$6.50	430	2,815	83%	\$7.00	435	2,768	81%	\$6.95	465	2,789	82%
1700 - 1800	\$4.95	447	2,829	83%	\$4.90	428	2,802	82%	\$5.40	455	2,798	82%	\$6.70	463	2,799	82%	\$6.95	518	2,753	81%
1800 - 1900	\$5.65	650	2,895	85%	\$4.05	589	2,750	81%	\$4.05	583	2,735	80%	\$4.50	581	2,804	82%	\$6.95	661	2,774	82%
1900 - 2000	\$3.95	513	1,894	56%	\$3.95	662	2,768	81%	\$3.95	688	2,795	82%	\$5.75	683	2,773	82%	\$6.45	675	2,414	71%

PM Time	Monday 01/30/23				Tuesday 01/31/23				Wednesday 02/01/23				Thursday 02/02/23				Friday 02/03/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500	\$5.30	397	2,613	77%	\$5.30	392	2,805	83%												
1500 - 1600	\$5.65	435	2,946	87%	\$5.75	461	3,001	88%												
1600 - 1700	\$5.10	414	2,756	81%	\$5.25	413	2,985	88%												
1700 - 1800	\$4.95	469	2,722	80%	\$4.90	420	2,808	83%												
1800 - 1900	\$5.65	512	2,123	62%	\$4.05	626	2,959	87%												
1900 - 2000	\$3.95	349	1,226	36%	\$3.95	602	2,602	77%												



## OCTA WESTBOUND PEAK-HOUR VOLUMES

### WESTBOUND WEEKDAY PEAK VOLUME:

AM Time	Monday 01/02/23				Tuesday 01/03/23				Wednesday 01/04/23				Thursday 01/05/23				Friday 01/06/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500	\$1.80	69	184	5%	\$3.15	375	1,040	31%	\$3.15	371	1,074	32%	\$3.15	342	861	25%	\$3.25	337	931	27%
0500 - 0600	\$1.80	125	383	11%	\$5.10	630	2,224	65%	\$5.10	602	2,022	59%	\$5.10	552	1,747	51%	\$5.00	344	1,072	32%
0600 - 0700	\$2.70	95	395	12%	\$5.30	513	2,334	69%	\$5.30	469	2,146	63%	\$5.30	493	1,902	56%	\$5.25	305	1,484	44%
0700 - 0800	\$3.25	107	433	13%	\$5.80	345	2,105	62%	\$5.80	326	1,850	54%	\$5.80	343	1,665	49%	\$5.80	324	1,767	52%
0800 - 0900	\$3.25	171	597	18%	\$5.30	344	2,021	59%	\$5.30	261	1,861	55%	\$5.30	242	1,614	47%	\$5.25	276	1,771	52%
0900 - 1000	\$4.05	299	960	28%	\$4.20	319	1,895	56%	\$4.20	239	1,670	49%	\$4.20	255	1,705	50%	\$4.35	362	1,950	57%

AM Time	Monday 01/09/23				Tuesday 01/10/23				Wednesday 01/11/23				Thursday 01/12/23				Friday 01/13/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500	\$3.15	405	1,079	32%	\$3.15	383	998	29%	\$3.15	403	1,083	32%	\$3.15	451	1,198	35%	\$3.25	354	958	28%
0500 - 0600	\$5.10	692	2,466	73%	\$5.10	633	2,150	63%	\$5.10	711	2,406	71%	\$5.10	749	2,574	76%	\$5.00	598	2,183	64%
0600 - 0700	\$5.30	657	2,793	82%	\$5.30	636	2,541	75%	\$5.30	626	2,793	82%	\$5.30	676	2,977	88%	\$5.25	578	2,509	74%
0700 - 0800	\$5.80	596	2,616	77%	\$5.80	545	2,476	73%	\$5.80	600	2,557	75%	\$5.80	613	2,795	82%	\$5.80	546	2,482	73%
0800 - 0900	\$5.30	321	2,153	63%	\$5.30	305	2,293	67%	\$5.30	280	2,162	64%	\$5.30	307	2,311	68%	\$5.25	261	1,982	58%
0900 - 1000	\$4.20	364	2,177	64%	\$4.20	249	2,105	62%	\$4.20	282	2,125	63%	\$4.20	310	2,427	71%	\$4.35	250	1,907	56%

AM Time	Monday 01/16/23				Tuesday 01/17/23				Wednesday 01/18/23				Thursday 01/19/23				Friday 01/20/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500	\$3.15	271	710	21%	\$3.15	432	1,117	33%	\$3.15	399	1,052	31%	\$3.15	420	1,099	32%	\$3.25	343	992	29%
0500 - 0600	\$5.10	393	1,402	41%	\$5.10	605	2,102	62%	\$5.10	750	2,534	75%	\$5.10	685	2,621	77%	\$5.00	650	2,305	68%
0600 - 0700	\$5.30	331	1,465	43%	\$5.30	495	2,209	65%	<b>\$5.30</b>	<b>714</b>	<b>3,062</b>	<b>90%</b>	\$5.30	630	2,935	86%	\$5.25	661	2,764	81%
0700 - 0800	\$5.80	313	1,330	39%	<b>\$5.80</b>	<b>695</b>	<b>3,202</b>	<b>94%</b>	\$5.80	580	2,664	78%	\$5.80	614	2,883	85%	\$5.80	557	2,552	75%
0800 - 0900	\$5.30	227	1,332	39%	\$5.30	374	2,991	88%	\$5.30	301	2,449	72%	\$5.30	343	2,596	76%	\$5.25	280	2,153	63%
0900 - 1000	\$4.20	321	1,430	42%	\$4.20	323	2,834	83%	\$4.20	295	2,269	67%	\$4.20	293	2,247	66%	\$4.35	264	2,060	61%

AM Time	Monday 01/23/23				Tuesday 01/24/23				Wednesday 01/25/23				Thursday 01/26/23				Friday 01/27/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500	\$3.15	405	1,109	33%	\$3.15	429	1,156	34%	\$3.15	416	1,130	33%	\$3.15	401	1,081	32%	\$3.25	370	993	29%
0500 - 0600	\$5.10	703	2,580	76%	\$5.10	722	2,543	75%	\$5.10	762	2,557	75%	\$5.10	752	2,563	75%	\$5.00	613	2,264	67%
0600 - 0700	\$5.30	674	2,921	86%	\$5.30	596	2,894	85%	\$5.30	658	2,999	88%	<b>\$5.30</b>	<b>692</b>	<b>3,082</b>	<b>91%</b>	\$5.25	614	2,568	76%
0700 - 0800	\$5.80	589	2,893	85%	\$5.80	605	2,997	88%	\$5.80	631	2,908	86%	\$5.80	628	3,015	89%	\$5.80	559	2,469	73%
0800 - 0900	\$5.30	305	2,543	75%	\$5.30	309	2,686	79%	\$5.30	259	2,562	75%	\$5.30	340	2,655	78%	\$5.25	309	2,129	63%
0900 - 1000	\$4.20	302	2,206	65%	\$4.20	318	2,450	72%	\$4.20	291	2,337	69%	\$4.20	330	2,370	70%	\$4.35	322	2,089	61%

AM Time	Monday 01/30/23				Tuesday 01/31/23				Wednesday 02/01/23				Thursday 02/02/23				Friday 02/03/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500	\$3.15	371	1,032	30%	\$3.15	414	1,105	33%												
0500 - 0600	\$5.10	638	2,361	69%	\$5.10	737	2,592	76%												
0600 - 0700	\$5.30	604	2,712	80%	<b>\$5.30</b>	<b>659</b>	<b>3,055</b>	<b>90%</b>												
0700 - 0800	\$5.80	572	2,650	78%	\$5.80	594	2,742	81%												
0800 - 0900	\$5.30	243	2,079	61%	\$5.30	334	2,871	84%												
0900 - 1000	\$4.20	243	1,914	56%	\$4.20	280	2,665	78%												

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## OCTA OPERATIONAL HIGHLIGHTS

### **Back Office System (BOS) Project Update**

During the month of January 2023, OCTA and RCTC each received restitution in the amount of approximately \$1 million related to liquidated and actual damages that were assessed against Cofiroute USA, LLC (CUSA) due to the delay of the new BOS implementation for the 91 Express Lanes for both Orange and Riverside counties and various issues that arose since system deployment. Some of these issues have impacted the accounting process (i.e., the timeliness of account reconciliations and certain activities not posted to OCTA and RCTC's general ledger). In conjunction with RCTC staff, OCTA staff continues to monitor the back-office system's progression.

### **On-Road Operations**

OCTA Freeway Service Patrol responded to 86 calls during the month of January. Of those calls, 37 were to assist disabled vehicles, 3 were to remove debris, 21 were to tow vehicles, and 25 were to aid motorists in the 91 Express Lanes.

# FINANCIAL HIGHLIGHTS OCTA

## 91 Express Lanes Operating Statement

Description	YTD as of : <b>1/31/2023</b>		YTD Variance	
	Actual <sup>(1)</sup>	Budget <sup>(1)</sup>	Dollar \$	Percent (%)
<b>Operating revenues:</b>				
Toll Revenue	\$ 32,330,596.25	\$ 29,597,162.00	\$ 2,733,434.25	9.2
Fee Revenue	3,058,252.93	2,254,588.00	803,664.93	35.6
<b>Total operating revenues</b>	<b>35,388,849.18</b>	<b>31,851,750.00</b>	<b>3,537,099.18</b>	<b>11.1</b>
<b>Operating expenses:</b>				
Contracted Services	3,167,262.63	4,418,903.00	1,251,640.37	28.3
Administrative Fee	1,727,154.00	2,095,037.00	367,883.00	17.6
Other Professional Services	828,371.11	2,744,801.00	1,916,429.89	69.8
Credit Card Processing Fees	933,093.57	772,919.00	(160,174.57)	(20.7)
Toll Road Account Servicing	70,345.97	483,331.00	412,985.03	85.4
Other Insurance Expense	285,393.43	145,831.00	(139,562.43)	(95.7)
Toll Road Maintenance Supply Repairs	355,853.96	236,250.00	(119,603.96)	(50.6)
Patrol Services	568,807.74	641,669.00	72,861.26	11.4
Building Equipment Repairs and Maint	320,049.40	509,537.00	189,487.60	37.2
6C Transponders	-	43,750.00	43,750.00	100.0
Other Services	-	456,750.00	456,750.00	100.0
Utilities	41,529.55	26,250.00	(15,279.55)	(58.2)
Office Expense	(88,381.20)	455,294.00	543,675.20	119.4
Bad Debt Expense	595.43	-	(595.43)	N/A
Miscellaneous <sup>(2)</sup>	38,121.23	89,341.00	51,219.77	57.3
Leases	238,139.64	312,081.00	73,941.36	23.7
<b>Total operating expenses</b>	<b>8,486,336.46</b>	<b>13,431,744.00</b>	<b>4,945,407.54</b>	<b>36.8</b>
Depreciation and Amortization <sup>(3)</sup>	1,846,620.86	-	(1,846,620.86)	N/A
<b>Operating income (loss)</b>	<b>25,055,891.86</b>	<b>18,420,006.00</b>	<b>6,635,885.86</b>	<b>36.0</b>
<b>Nonoperating revenues (expenses):</b>				
Reimbursement from Other Agencies	20,491.53	150,000.00	(129,508.47)	(86.3)
Interest Income	1,734,233.45	1,097,691.00	636,542.45	58.0
Interest Expense	(2,142,824.81)	(2,158,156.00)	15,331.19	0.7
Other	997,540.00	-	997,540.00	N/A
<b>Total nonoperating revenues (expenses)</b>	<b>609,440.17</b>	<b>(910,465.00)</b>	<b>1,519,905.17</b>	<b>166.9</b>
Transfers In	-	-	-	N/A
Transfers Out <sup>(4)</sup>	(3,816,805.71)	-	(3,816,805.71)	N/A
<b>Net income (loss)</b>	<b>\$ 21,848,526.32</b>	<b>\$ 17,509,541.00</b>	<b>\$ 4,338,985.32</b>	<b>24.8</b>

<sup>1</sup>Actual amounts are accounted for on the accrual basis of accounting in an enterprise fund. Budget amounts are accounted for on a modified accrual basis of accounting.

<sup>2</sup>Miscellaneous expenses include: Bond Insurance Costs, Bank Service Charge, Transponder Materials.

<sup>3</sup>Depreciation and amortization are not budgeted items.

<sup>4</sup>Transfers Out: For M2 Project I and Project J expense reimbursements.

## Capital Asset Activity

During the seven months ending January 31, 2023, capital asset activities included payments of \$523,251 attributed to the Electronic Toll and Traffic Management system project and \$297,339 attributed to the BOS implementation project.

# OPERATIONS OVERVIEW RCTC

## TRAFFIC AND REVENUE STATISTICS FOR RCTC

Total traffic volume on the 91 EL for January 2023 was 1,217,553. This represents a daily average of 39,276 vehicles. This is a 7.4 percent increase in total traffic volume from the same period last year, which totaled 1,134,138. Potential toll revenue for January was \$5,069,760, which represents an increase of 12.8 percent from the prior year's total of \$4,493,129. Carpool percentage for January was 22.9 percent as compared to the previous year's rate of 22 percent.

MTD traffic and revenue data is summarized in the table below. The following trip and revenue statistics tables represent all trips taken on the RCTC 91 EL and associated potential revenue for the month of January 2023.

### Current MTD as of January 31, 2023

Trips	JAN-23 MTD Actual	Stantec MTD Projected	# Variance	% Variance	JAN-22 MTD Actual	Yr-to-Yr % Variance
Full Toll Lanes	938,470	835,286	103,184	12.4%	885,043	6.0%
3+ Lanes	279,083	305,571	(26,488)	(8.7%)	249,095	12.0%
Total Gross Trips	1,217,553	1,140,857	76,696	6.7%	1,134,138	7.4%
<b>Revenue</b>						
Full Toll Lanes	\$5,026,823	\$3,990,000	\$1,036,823	26.0%	\$4,452,479	12.9%
3+ Lanes	\$42,937	\$0	\$42,937		\$40,650	5.6%
Total Gross Revenue	\$5,069,760	\$3,990,000	\$1,079,760	27.1%	\$4,493,129	12.8%
<b>Average Revenue per Trip</b>						
Average Full Toll Lanes	\$5.36	\$4.78	\$0.58	12.1%	\$5.03	6.6%
Average 3+ Lanes	\$0.15	\$0.00	\$0.15		\$0.16	(6.3%)
Average Gross Revenue	\$4.16	\$3.50	\$0.66	18.9%	\$3.96	5.1%

The 2023 fiscal YTD traffic volume decreased by 3.6%, and potential toll revenue increased by 3.8 percent, when compared with the same period the prior year. YTD average revenue per trip is \$4.00.

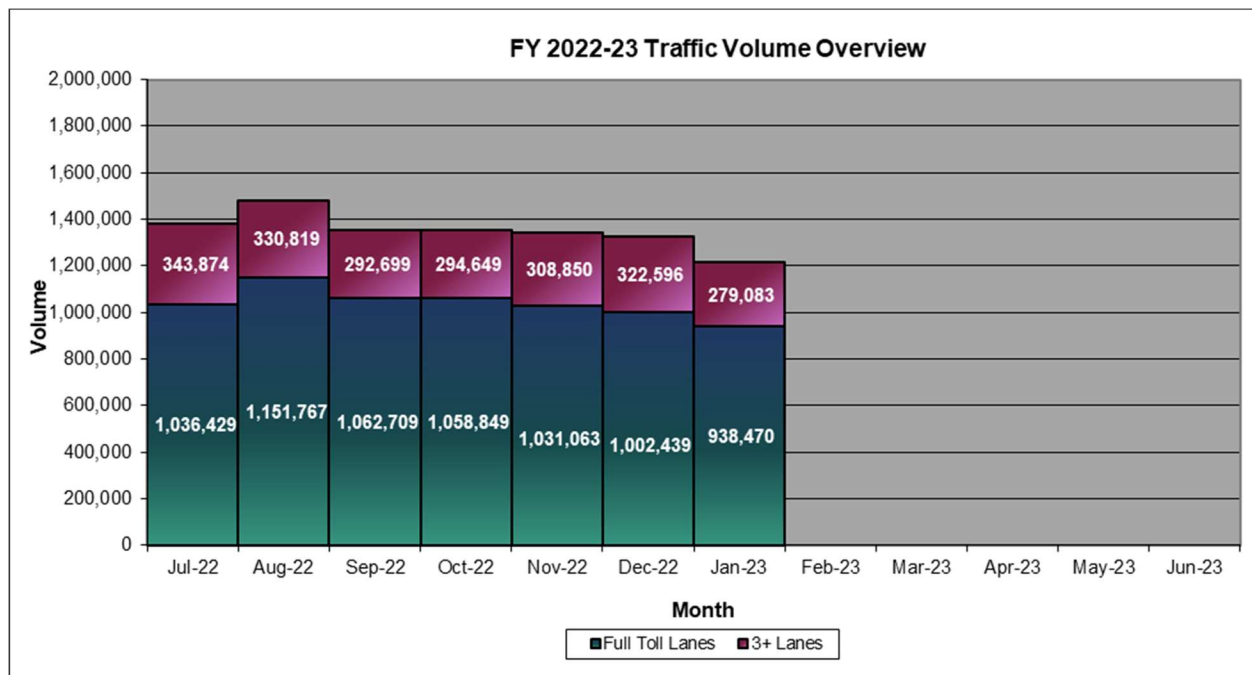
Fiscal YTD traffic and revenue data are summarized in the table below. The following trip and revenue statistics tables represent all trips taken on the RCTC 91 EL and associated potential revenue for the months of July 2022 through January 2023.

**FY 2022-23 YTD as of January 31, 2023**

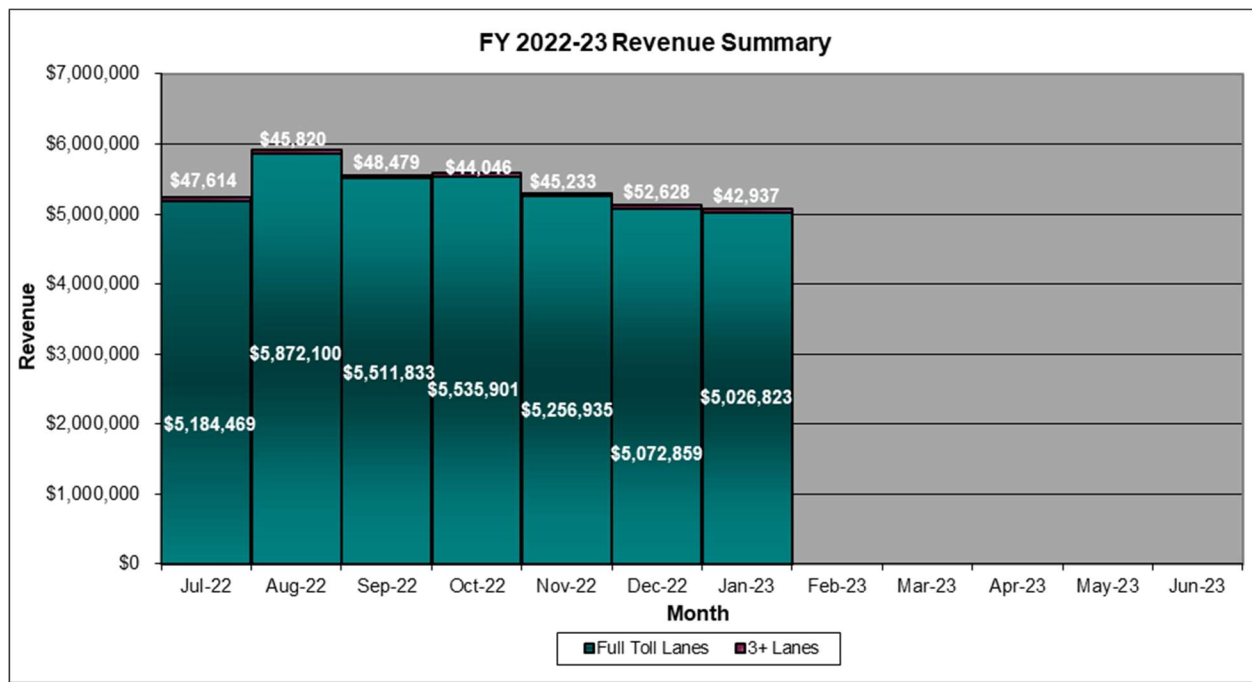
<b>Trips</b>	<b>FY 2022-23 YTD Actual</b>	<b>Stantec YTD Projected</b>	<b># Variance</b>	<b>% Variance</b>	<b>FY 2021-22 YTD Actual</b>	<b>Yr-to-Yr % Variance</b>
Full Toll Lanes	7,281,726	6,380,600	901,126	14.1%	7,702,083	(5.5%)
3+ Lanes	2,172,570	2,311,571	(139,001)	(6.0%)	2,105,449	3.2%
Total Gross Trips	9,454,296	8,692,171	762,125	8.8%	9,807,532	(3.6%)
<b>Revenue</b>						
Full Toll Lanes	\$37,460,919	\$30,453,657	\$7,007,261	23.0%	\$36,118,377	3.7%
3+ Lanes	\$326,758	\$0	\$326,758		\$284,403	14.9%
Total Gross Revenue	\$37,787,676	\$30,453,657	\$7,334,019	24.1%	\$36,402,780	3.8%
<b>Average Revenue per Trip</b>						
Average Full Toll Lanes	\$5.14	\$4.77	\$0.37	7.8%	\$4.69	9.6%
Average 3+ Lanes	\$0.15	\$0.00	\$0.15		\$0.14	7.1%
Average Gross Revenue	\$4.00	\$3.50	\$0.50	14.3%	\$3.71	7.8%

## RCTC Traffic and Revenue Summary

The chart below reflects the total trips broken down between full toll lanes and HOV3+ lanes for FY 2022-23 on a monthly basis.



The chart below reflects the gross potential revenue breakdown between full toll lanes and HOV3+ lanes for FY 2022-23 on a monthly basis.



## RCTC PEAK-HOUR VOLUMES

In January, several toll rates were adjusted. RCTC evaluates traffic volumes for peak-period hours and adjusts rates according to the toll rate policy.

## RCTC EASTBOUND PEAK-HOUR VOLUMES

Eastbound PM Peak - County Line to McKinley

PM Time	Monday 01/02/23					Tuesday 01/03/23					Wednesday 01/04/23					Thursday 01/05/23					Friday 01/06/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$2.40	164	406	570	B	\$7.35	188	805	993	C	\$10.65	201	982	1,183	D	\$13.85	167	698	865	C	\$27.90	265	890	1,155	D
1500 - 1600	\$2.40	159	371	530	B	\$10.20	207	818	1,025	D	\$13.40	219	817	1,036	D	\$17.30	188	736	924	C	\$27.60	248	854	1,102	D
1600 - 1700	\$2.40	145	295	440	B	\$5.65	177	715	892	C	\$5.65	202	806	1,008	D	\$8.05	154	626	780	B	\$16.25	223	886	1,109	D
1700 - 1800	\$2.40	151	278	429	B	\$5.65	173	718	891	C	\$5.65	238	764	1,002	D	\$5.65	153	547	700	B	\$7.35	230	858	1,088	D
1800 - 1900	\$2.40	179	270	449	B	\$5.65	272	676	948	C	\$5.65	200	626	826	C	\$5.65	192	503	695	B	\$5.65	134	441	575	B
1900 - 2000	\$1.65	166	230	396	A	\$4.45	217	541	758	B	\$4.45	164	412	576	B	\$5.65	141	344	485	B	\$4.45	346	925	1,271	E

PM Time	Monday 01/09/23					Tuesday 01/10/23					Wednesday 01/11/23					Thursday 01/12/23					Friday 01/13/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$7.35	176	842	1,018	D	\$7.35	160	806	966	C	\$10.65	209	1,013	1,222	E	\$13.85	193	1,007	1,200	D	\$27.90	343	1,010	1,353	F
1500 - 1600	\$8.05	251	893	1,144	D	\$10.20	215	747	962	C	\$13.40	226	910	1,136	D	\$17.30	244	898	1,142	D	\$27.60	302	951	1,253	E
1600 - 1700	\$5.65	200	841	1,041	D	\$5.65	164	738	902	C	\$5.65	194	960	1,154	D	\$8.05	187	921	1,108	D	\$16.25	305	921	1,226	E
1700 - 1800	\$5.65	205	775	980	C	\$5.65	171	577	748	B	\$5.65	195	818	1,013	D	\$5.65	166	748	914	C	\$7.35	272	948	1,220	E
1800 - 1900	\$5.65	248	670	918	C	\$5.65	189	450	639	B	\$5.65	292	760	1,052	D	\$5.65	310	888	1,198	D	\$5.65	319	841	1,160	D
1900 - 2000	\$2.40	164	418	582	B	\$4.45	108	288	396	A	\$4.45	257	843	1,100	D	\$5.65	296	877	1,173	D	\$4.45	351	863	1,214	E

PM Time	Monday 01/16/23					Tuesday 01/17/23					Wednesday 01/18/23					Thursday 01/19/23					Friday 01/20/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$7.35	198	625	823	C	\$7.35	160	994	1,154	D	\$10.65	194	972	1,166	D	\$13.85	221	1,045	1,266	E	\$27.90	272	1,044	1,316	F
1500 - 1600	\$8.05	222	744	966	C	\$10.20	229	953	1,182	D	\$13.40	254	955	1,209	E	\$17.30	272	981	1,253	E	\$27.60	323	959	1,282	E
1600 - 1700	\$5.65	210	722	932	C	\$5.65	214	886	1,100	D	\$5.65	204	940	1,144	D	\$8.05	214	909	1,123	D	\$16.25	249	889	1,138	D
1700 - 1800	\$5.65	202	565	767	B	\$5.65	186	772	958	C	\$5.65	215	846	1,061	D	\$5.65	209	857	1,066	D	\$7.35	256	853	1,109	D
1800 - 1900	\$5.65	223	355	578	B	\$5.65	244	726	970	C	\$5.65	251	818	1,069	D	\$5.65	243	755	998	C	\$5.65	291	834	1,125	D
1900 - 2000	\$2.40	173	281	454	B	\$4.45	302	764	1,066	D	\$4.45	188	558	746	B	\$5.65	259	795	1,054	D	\$4.45	372	938	1,310	F

PM Time	Monday 01/23/23					Tuesday 01/24/23					Wednesday 01/25/23					Thursday 01/26/23					Friday 01/27/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$7.35	188	1,017	1,205	E	\$7.35	188	1,040	1,228	E	\$10.65	214	982	1,196	D	\$13.85	205	1,063	1,268	E	\$27.90	269	987	1,256	E
1500 - 1600	\$8.05	218	982	1,200	D	\$10.20	240	938	1,178	D	\$13.40	235	982	1,217	E	\$17.30	255	948	1,203	E	\$27.60	351	968	1,319	F
1600 - 1700	\$5.65	213	941	1,154	D	\$5.65	201	907	1,108	D	\$5.65	185	944	1,129	D	\$8.05	219	898	1,117	D	\$16.25	259	929	1,188	D
1700 - 1800	\$5.65	184	831	1,015	D	\$5.65	188	881	1,069	D	\$5.65	153	939	1,092	D	\$5.65	202	937	1,139	D	\$7.35	236	929	1,165	D
1800 - 1900	\$5.65	284	796	1,080	D	\$5.65	264	780	1,044	D	\$5.65	275	794	1,069	D	\$5.65	241	876	1,117	D	\$5.65	316	838	1,154	D
1900 - 2000	\$2.40	230	592	822	C	\$4.45	290	840	1,130	D	\$4.45	298	862	1,160	D	\$5.65	310	863	1,173	D	\$4.45	325	825	1,150	D

PM Time	Monday 01/30/23					Tuesday 01/31/23					Wednesday 02/01/23					Thursday 02/02/23					Friday 02/03/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$7.35	192	812	1,004	D	\$7.35	188	995	1,183	D															
1500 - 1600	\$8.05	214	874	1,088	D	\$10.20	247	973	1,220	E															
1600 - 1700	\$5.65	175	794	969	C	\$5.65	197	1,025	1,222	E															
1700 - 1800	\$5.65	192	727	919	C	\$5.65	206	871	1,077	D															
1800 - 1900	\$5.65	245	545	790	B	\$5.65	255	838	1,093	D															
1900 - 2000	\$2.40	149	374	523	B	\$4.45	295	785	1,080	D															



**Eastbound PM Peak - County Line to 15 SB Ontario**

PM Time	Monday 01/02/23					Tuesday 01/03/23					Wednesday 01/04/23					Thursday 01/05/23					Friday 01/06/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$3.15	122	237	359	A	\$5.65	126	586	712	B	\$5.65	124	692	816	C	\$5.65	103	577	680	B	\$5.65	154	728	882	C
1500 - 1600	\$3.15	110	271	381	A	\$5.65	173	609	782	B	\$5.65	152	679	831	C	\$5.65	118	574	692	B	\$5.65	149	696	845	C
1600 - 1700	\$3.15	105	233	338	A	\$5.65	126	550	676	B	\$5.65	119	595	714	B	\$5.65	112	483	595	B	\$3.15	131	584	715	B
1700 - 1800	\$2.10	107	196	303	A	\$3.15	137	513	650	B	\$3.15	127	577	704	B	\$3.15	107	427	534	B	\$3.15	145	502	647	B
1800 - 1900	\$2.10	109	192	301	A	\$3.15	188	523	711	B	\$3.15	127	442	569	B	\$3.15	125	403	528	B	\$3.15	60	282	342	A
1900 - 2000	\$2.10	119	185	304	A	\$3.15	171	424	595	B	\$3.15	122	316	438	B	\$3.15	95	269	364	A	\$3.15	226	654	880	C

PM Time	Monday 01/09/23					Tuesday 01/10/23					Wednesday 01/11/23					Thursday 01/12/23					Friday 01/13/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$5.65	104	619	723	B	\$5.65	103	604	707	B	\$5.65	114	746	860	C	\$5.65	135	803	938	C	\$5.65	128	732	860	C
1500 - 1600	\$5.65	162	696	858	C	\$5.65	132	619	751	B	\$5.65	129	760	889	C	\$5.65	142	740	882	C	\$5.65	130	686	816	C
1600 - 1700	\$3.15	146	660	806	C	\$5.65	116	555	671	B	\$5.65	131	717	848	C	\$5.65	135	683	818	C	\$3.15	113	615	728	B
1700 - 1800	\$3.15	174	583	757	B	\$3.15	126	512	638	B	\$3.15	133	611	744	B	\$3.15	96	494	590	B	\$3.15	129	605	734	B
1800 - 1900	\$3.15	177	495	672	B	\$3.15	118	395	513	B	\$3.15	175	536	711	B	\$3.15	181	614	795	B	\$3.15	170	577	747	B
1900 - 2000	\$3.15	147	293	440	B	\$3.15	100	252	352	A	\$3.15	206	675	881	C	\$3.15	201	726	927	C	\$3.15	209	585	794	B

PM Time	Monday 01/16/23					Tuesday 01/17/23					Wednesday 01/18/23					Thursday 01/19/23					Friday 01/20/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$5.65	129	534	663	B	\$5.65	94	758	852	C	\$5.65	97	788	885	C	\$5.65	111	768	879	C	\$5.65	112	657	769	B
1500 - 1600	\$5.65	123	553	676	B	\$5.65	124	730	854	C	\$5.65	128	709	837	C	\$5.65	115	712	827	C	\$5.65	130	652	782	B
1600 - 1700	\$3.15	128	581	709	B	\$5.65	110	660	770	B	\$5.65	114	634	748	B	\$5.65	121	579	700	B	\$3.15	140	643	783	B
1700 - 1800	\$3.15	134	488	622	B	\$3.15	126	576	702	B	\$3.15	126	623	749	B	\$3.15	127	526	653	B	\$3.15	150	562	712	B
1800 - 1900	\$3.15	129	291	420	B	\$3.15	153	609	762	B	\$3.15	148	535	683	B	\$3.15	134	475	609	B	\$3.15	195	562	757	B
1900 - 2000	\$3.15	131	202	333	A	\$3.15	181	630	811	C	\$3.15	139	414	553	B	\$3.15	163	570	733	B	\$3.15	204	589	793	B

PM Time	Monday 01/23/23					Tuesday 01/24/23					Wednesday 01/25/23					Thursday 01/26/23					Friday 01/27/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$5.65	81	677	758	B	\$5.65	104	710	814	C	\$5.65	105	688	793	B	\$5.65	126	797	923	C	\$5.65	147	808	955	C
1500 - 1600	\$5.65	109	673	782	B	\$5.65	126	703	829	C	\$5.65	134	701	835	C	\$5.65	136	634	770	B	\$5.65	133	725	858	C
1600 - 1700	\$3.15	97	608	705	B	\$5.65	113	600	713	B	\$5.65	115	593	708	B	\$5.65	109	579	688	B	\$3.15	131	660	791	B
1700 - 1800	\$3.15	101	572	673	B	\$3.15	95	566	661	B	\$3.15	88	574	662	B	\$3.15	119	582	701	B	\$3.15	145	552	697	B
1800 - 1900	\$3.15	179	576	755	B	\$3.15	167	562	729	B	\$3.15	156	547	703	B	\$3.15	135	602	737	B	\$3.15	176	579	755	B
1900 - 2000	\$3.15	160	439	599	B	\$3.15	176	614	790	B	\$3.15	170	638	808	C	\$3.15	182	613	795	B	\$3.15	195	563	758	B

PM Time	Monday 01/30/23					Tuesday 01/31/23					Wednesday 02/01/23					Thursday 02/02/23					Friday 02/03/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$5.65	108	638	746	B	\$5.65	116	775	891	C															
1500 - 1600	\$5.65	132	686	818	C	\$5.65	117	702	819	C															
1600 - 1700	\$3.15	120	591	711	B	\$5.65	121	657	778	B															
1700 - 1800	\$3.15	127	570	697	B	\$3.15	103	598	701	B															
1800 - 1900	\$3.15	140	444	584	B	\$3.15	169	614	783	B															
1900 - 2000	\$3.15	89	272	361	A	\$3.15	179	675	854	C															



## RCTC WESTBOUND PEAK-HOUR VOLUMES

### Westbound AM Peak - McKinley to County Line

AM Time	Monday 01/02/23					Tuesday 01/03/23					Wednesday 01/04/23					Thursday 01/05/23					Friday 01/06/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$1.65	25	39	64	A	\$2.40	208	323	531	B	\$2.40	182	398	580	B	\$2.40	179	282	461	B	\$2.40	207	406	613	B
0500 - 0600	\$1.65	57	86	143	A	\$11.65	313	787	1,100	D	\$11.65	320	638	958	C	\$9.85	277	612	889	C	\$5.65	303	735	1,038	D
0600 - 0700	\$1.65	59	156	215	A	\$19.05	283	880	1,163	D	\$19.05	300	789	1,089	D	\$18.00	294	709	1,003	D	\$10.90	248	820	1,068	D
0700 - 0800	\$1.65	57	201	258	A	\$16.35	204	763	967	C	\$16.35	212	717	929	C	\$15.30	204	673	877	C	\$8.35	203	728	931	C
0800 - 0900	\$1.65	98	259	357	A	\$10.10	186	749	935	C	\$10.10	144	747	891	C	\$9.05	153	690	843	C	\$5.65	155	732	887	C
0900 - 1000	\$2.40	176	392	568	B	\$5.65	138	665	803	C	\$5.65	127	643	770	B	\$5.65	131	683	814	C	\$4.45	162	705	867	C

	Monday01/09/23					Tuesday01/10/23					Wednesday01/11/23					Thursday01/12/23					Friday01/13/23				
AM Time	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$2.40	210	362	572	B	\$2.40	176	346	522	B	\$2.40	196	323	519	B	\$2.40	207	340	547	B	\$2.40	172	295	467	B
0500 - 0600	\$11.65	345	904	1,249	E	\$11.65	325	683	1,008	D	\$11.65	364	827	1,191	D	\$9.85	378	906	1,284	E	\$5.65	334	798	1,132	D
0600 - 0700	\$19.45	394	1,013	1,407	F	\$19.05	333	881	1,214	E	\$19.05	396	1,075	1,471	F	\$18.00	422	1,146	1,568	F	\$10.90	357	986	1,343	E
0700 - 0800	\$15.60	333	1,124	1,457	F	\$16.35	345	1,035	1,380	F	\$16.35	358	953	1,311	E	\$15.30	376	1,199	1,575	F	\$8.35	326	946	1,272	E
0800 - 0900	\$8.35	187	1,173	1,360	F	\$10.10	176	984	1,160	D	\$10.10	138	929	1,067	D	\$9.05	224	1,077	1,301	E	\$5.65	155	795	950	C
0900 - 1000	\$5.65	173	857	1,030	D	\$5.65	127	853	980	C	\$5.65	136	918	1,054	D	\$5.65	180	1,243	1,423	F	\$4.45	163	718	881	C

	Monday 01/16/23					Tuesday 01/17/23					Wednesday 01/18/23					Thursday 01/19/23					Friday 01/20/23				
AM Time	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$2.40	119	219	338	A	\$2.40	211	321	532	B	\$2.40	196	323	519	B	\$2.40	195	334	529	B	\$2.40	182	349	531	B
0500 - 0600	\$11.65	205	481	686	B	\$11.65	367	951	1,318	E	\$11.65	364	827	1,191	D	\$9.85	318	1,081	1,399	F	\$5.65	375	921	1,296	E
0600 - 0700	\$19.45	182	525	707	B	\$19.05	381	987	1,368	F	\$19.05	396	1,075	1,471	F	\$18.00	407	1,296	1,703	F	\$10.90	412	1,125	1,537	F
0700 - 0800	\$15.60	197	513	710	B	\$16.35	442	1,334	1,776	F	\$16.35	358	953	1,311	E	\$15.30	372	1,237	1,609	F	\$8.35	317	1,078	1,395	F
0800 - 0900	\$8.35	135	500	635	B	\$10.10	204	1,591	1,795	F	\$10.10	138	929	1,067	D	\$9.05	218	1,179	1,397	F	\$5.65	181	1,120	1,301	E
0900 - 1000	\$5.65	165	531	696	B	\$5.65	169	1,396	1,565	F	\$5.65	136	918	1,054	D	\$5.65	194	1,321	1,515	F	\$4.45	162	1,097	1,259	E

AM Time	Monday 01/23/23					Tuesday 01/24/23					Wednesday 01/25/23					Thursday 01/26/23					Friday 01/27/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$2.40	220	362	582	B	\$2.40	219	382	601	B	\$2.40	220	384	604	B	\$2.40	212	326	538	B	\$2.40	192	325	517	B
0500 - 0600	\$11.65	363	950	1,313	E	\$11.65	390	931	1,321	E	\$11.65	408	1,000	1,408	F	\$9.85	374	953	1,327	E	\$5.65	359	856	1,215	E
0600 - 0700	\$19.45	415	1,279	1,694	F	\$19.05	385	1,189	1,574	F	\$19.05	396	1,257	1,653	F	\$18.00	437	1,252	1,689	F	\$10.90	360	1,057	1,417	F
0700 - 0800	\$15.60	380	1,248	1,628	F	\$16.35	397	1,372	1,769	F	\$16.35	372	1,232	1,604	F	\$15.30	375	1,173	1,548	F	\$8.35	319	905	1,224	E
0800 - 0900	\$8.35	203	1,178	1,381	F	\$10.10	232	1,295	1,527	F	\$10.10	172	1,201	1,373	F	\$9.05	203	1,145	1,348	E	\$5.65	170	819	989	C
0900 - 1000	\$5.65	171	970	1,141	D	\$5.65	167	1,082	1,249	E	\$5.65	167	994	1,161	D	\$5.65	196	979	1,175	D	\$4.45	165	796	961	C

AM Time	Monday 01/30/23					Tuesday 01/31/23					Wednesday 02/01/23					Thursday 02/02/23					Friday 02/03/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$2.40	175	310	485	B	\$2.40	199	363	562	B															
0500 - 0600	\$11.65	319	796	1,115	D	\$11.65	410	964	1,374	F															
0600 - 0700	\$19.45	360	975	1,335	E	\$19.05	402	1,283	1,685	F															
0700 - 0800	\$15.60	330	963	1,293	E	\$16.35	383	1,325	1,708	F															
0800 - 0900	\$8.35	166	887	1,053	D	\$10.10	219	1,328	1,547	F															
0900 - 1000	\$5.65	129	729	858	C	<b>\$5.65 158 1,201 1,359 F</b>																			

**Westbound AM Peak - I-15 North to County Line**

AM Time	Monday 01/02/23					Tuesday 01/03/23					Wednesday 01/04/23					Thursday 01/05/23					Friday 01/06/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$2.10	37	85	122	A	\$3.15	144	414	558	B	\$3.15	151	365	516	B	\$3.15	136	317	453	B	\$3.15	132	338	470	B
0500 - 0600	\$2.10	50	152	202	A	\$9.40	234	789	1,023	D	\$9.40	229	760	989	C	\$9.40	197	651	848	C	\$7.30	198	679	877	C
0600 - 0700	\$2.10	45	175	220	A	\$10.85	216	931	1,147	D	\$10.85	196	867	1,063	D	\$10.85	179	764	943	C	\$7.30	169	777	946	C
0700 - 0800	\$2.10	43	143	186	A	\$9.40	164	934	1,098	D	\$10.50	142	764	906	C	\$9.40	151	714	865	C	\$7.30	128	670	798	B
0800 - 0900	\$2.10	56	204	260	A	\$7.30	150	801	951	C	\$7.30	112	768	880	C	\$7.30	108	636	744	B	\$5.65	130	694	824	C
0900 - 1000	\$2.10	102	284	386	A	\$5.65	110	616	726	B	\$5.65	109	611	720	B	\$5.65	102	538	640	B	\$5.65	165	610	775	B

AM Time	Monday 01/09/23					Tuesday 01/10/23					Wednesday 01/11/23					Thursday 01/12/23					Friday 01/13/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$3.15	173	449	622	B	\$3.15	155	355	510	B	\$3.15	176	429	605	B	\$3.15	184	430	614	B	\$3.15	138	368	506	B
0500 - 0600	\$9.40	238	853	1,091	D	\$9.40	225	754	979	C	\$9.40	243	862	1,105	D	\$9.40	250	929	1,179	D	\$7.30	203	756	959	C
0600 - 0700	\$10.50	261	1,067	1,328	E	\$10.85	259	930	1,189	D	\$10.85	273	1,053	1,326	E	\$10.85	272	1,073	1,345	E	\$7.30	230	866	1,096	D
0700 - 0800	\$9.40	200	1,025	1,225	E	\$9.40	197	934	1,131	D	\$10.50	201	975	1,176	D	\$9.40	212	1,089	1,301	E	\$7.30	199	916	1,115	D
0800 - 0900	\$7.30	169	1,000	1,169	D	\$7.30	140	920	1,060	D	\$7.30	89	1,076	1,165	D	\$7.30	128	1,077	1,205	E	\$5.65	124	851	975	C
0900 - 1000	\$5.65	162	696	858	C	\$5.65	86	656	742	B	\$5.65	110	966	1,076	D	\$5.65	126	936	1,062	D	\$5.65	114	756	870	C

AM Time	Monday 01/16/23					Tuesday 01/17/23					Wednesday 01/18/23					Thursday 01/19/23					Friday 01/20/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$3.15	111	280	391	A	\$3.15	182	433	615	B	\$3.15	160	433	593	B	\$3.15	170	419	589	B	\$3.15	112	378	490	B
0500 - 0600	\$9.40	147	573	720	B	\$9.40	268	956	1,224	E	\$9.40	283	916	1,199	D	\$9.40	199	1,001	1,200	D	\$7.30	240	820	1,060	D
0600 - 0700	\$10.50	133	612	745	B	\$10.85	273	1,082	1,355	E	\$10.85	291	1,121	1,412	F	\$10.85	251	1,110	1,361	E	\$7.30	247	954	1,201	E
0700 - 0800	\$9.40	140	537	677	B	\$9.40	236	1,107	1,343	E	\$10.50	218	1,031	1,249	E	\$9.40	208	1,104	1,312	E	\$7.30	196	850	1,046	D
0800 - 0900	\$7.30	83	506	589	B	\$7.30	112	1,255	1,367	E	\$7.30	128	1,084	1,212	E	\$7.30	134	1,047	1,181	D	\$5.65	123	857	980	C
0900 - 1000	\$5.65	103	465	568	B	<b>\$5.65 124 1,078 1,202 E</b>					\$5.65	123	893	1,016	D	\$5.65	127	945	1,072	D	\$5.65	130	805	935	C

AM Time	Monday 01/23/23					Tuesday 01/24/23					Wednesday 01/25/23					Thursday 01/26/23					Friday 01/27/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$3.15	156	437	593	B	\$3.15	156	424	580	B	\$3.15	151	435	586	B	\$3.15	161	434	595	B	\$3.15	142	358	500	B
0500 - 0600	\$9.40	251	910	1,161	D	\$9.40	250	910	1,160	D	\$9.40	243	894	1,137	D	\$9.40	281	928	1,209	E	\$7.30	193	729	922	C
0600 - 0700	\$10.50	290	1,030	1,320	E	\$10.85	277	1,175	1,452	F	\$10.85	281	1,157	1,438	F	\$10.85	291	1,155	1,446	F	\$7.30	217	840	1,057	D
0700 - 0800	\$9.40	181	998	1,179	D	\$9.40	207	1,124	1,331	E	\$10.50	202	1,082	1,284	E	\$9.40	209	1,094	1,303	E	\$7.30	203	917	1,120	D
0800 - 0900	\$7.30	145	1,022	1,167	D	\$7.30	114	1,095	1,209	E	\$7.30	99	1,098	1,197	D	\$7.30	135	1,077	1,212	E	\$5.65	160	983	1,143	D
0900 - 1000	\$5.65	129	869	998	C	\$5.65	119	934	1,053	D	\$5.65	137	850	987	C	\$5.65	119	826	945	C	\$5.65	134	831	965	C

AM Time	Monday 01/30/23					Tuesday 01/31/23					Wednesday 02/01/23					Thursday 02/02/23					Friday 02/03/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$3.15	156	422	578	B	\$3.15	171	454	625	B															
0500 - 0600	\$9.40	264	852	1,116	D	\$9.40	255	917	1,172	D															
0600 - 0700	\$10.50	247	943	1,190	D	\$10.85	303	1,144	1,447	F															
0700 - 0800	\$9.40	189	985	1,174	D	\$9.40	205	1,171	1,376	E															
0800 - 0900	\$7.30	100	885	985	C	\$7.30	131	1,136	1,267	E															
0900 - 1000	\$5.65	119	771	890	C	\$5.65	101	1,007	1,108	D															

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## RCTC OPERATIONAL HIGHLIGHTS

### **On-Road Operations**

RCTC Freeway Service Patrol responded to 30 calls during the month of January. Of those calls, 26 were to assist disabled vehicles, 1 call to remove debris, and 3 were in response to accidents that affected the 91 EL.

# FINANCIAL HIGHLIGHTS RCTC

## RCTC 91 Express Lanes Operating Statement

Description	YTD as of : <b>1/31/2023</b>		YTD Variance	
	Actual <sup>1</sup>	Budget	Dollar \$	Percent (%)
<b>Operating revenues:</b>				
Toll Revenue	\$ 34,812,456.63	\$ 33,580,166.67	\$ 1,232,289.96	3.7
Fee Revenue	3,129,399.94	3,779,300.00	(649,900.06)	(17.2)
<b>Total operating revenues</b>	<b>37,941,856.57</b>	<b>37,359,466.67</b>	<b>582,389.90</b>	<b>1.6</b>
<b>Operating expenses:</b>				
Salaries and Benefits	431,404.48	469,875.00	38,470.52	8.2
Legal Services	22,570.80	204,166.67	181,595.87	88.9
Advisory Services	31,696.38	44,333.33	12,636.95	28.5
Audit and Accounting Fees	31,096.00	21,875.00	(9,221.00)	(42.2)
Service Fees	4,735.12	7,583.33	2,848.21	37.6
Other Professional Services	284,972.93	726,250.00	441,277.07	60.8
Lease Expense	145,242.55	194,658.33	49,415.78	25.4
Operations	1,442,069.27	2,713,666.67	1,271,597.40	46.9
Utilities	26,384.12	42,350.00	15,965.88	37.7
Supplies and Materials	651.53	6,183.33	5,531.80	89.5
Membership and Subscription Fees	29,076.29	16,508.33	(12,567.96)	(76.1)
Office Equipment & Furniture (Non-Capital)	-	46,666.67	46,666.67	100.0
Maintenance/Repairs	158,963.64	256,666.67	97,703.03	38.1
Training Seminars and Conferences	611.25	4,666.67	4,055.42	86.9
Transportation Expenses	414.23	1,691.67	1,277.44	75.5
Lodging	1,784.93	1,458.33	(326.60)	(22.4)
Meals	209.05	1,750.00	1,540.95	88.1
Other Staff Expenses	75.13	291.67	216.54	74.2
Advertising	-	87,500.00	87,500.00	100.0
Program Management	35,665.13	30,566.67	(5,098.46)	(16.7)
Program Operations	860,364.93	4,864,241.67	4,003,876.74	82.3
Litigation Settlement	-	-	-	N/A
Furniture & Equipment	3,965.57	43,750.00	39,784.43	90.9
Improvements	-	23,333.33	23,333.33	100.0
Bad Debt Expense	595.41	-	(595.41)	N/A
<b>Total operating expenses</b>	<b>3,512,548.74</b>	<b>9,810,033.33</b>	<b>6,297,484.59</b>	<b>64.2</b>
<b>Operating income (loss)</b>	<b>34,429,307.83</b>	<b>27,549,433.33</b>	<b>6,879,874.50</b>	<b>25.0</b>
<b>Nonoperating revenues (expenses):</b>				
Interest Revenue	1,302,597.70	65,450.00	1,237,147.70	(1,890.2)
Other Miscellaneous Revenue	42,556.75	-	42,556.75	N/A
Loss on Refunding	-	-	-	N/A
Principal Expense	-	-	-	N/A
Interest Expense	(12,357,470.72)	(12,950,583.33)	593,112.61	(4.6)
<b>Total nonoperating revenues (expenses)</b>	<b>(11,012,316.27)</b>	<b>(12,885,133.33)</b>	<b>1,872,817.06</b>	<b>14.5</b>
Transfers In	42.90	-	42.90	N/A
Transfers Out	(598,700.00)	(726,075.00)	127,375.00	(17.5)
<b>Net income (loss)</b>	<b>\$ 22,818,334.46</b>	<b>\$ 13,938,225.00</b>	<b>\$ 8,880,109.46</b>	<b>63.7</b>

<sup>1</sup> Unaudited

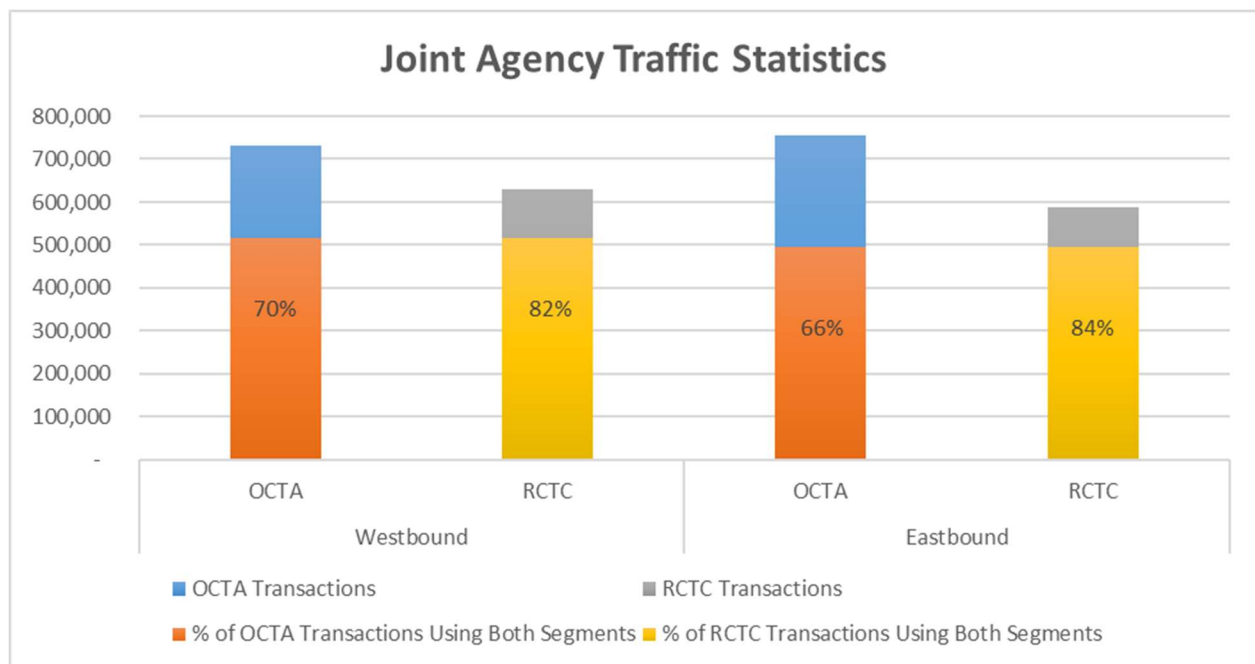
## JOINT AGENCY TRIP AND REVENUE STATISTICS

### MULTI AGENCY TRIP AND REVENUE STATISTICS

MONTH ENDING January 31, 2023

MTD	Transactions by Agency	Transactions Using Both Segments	% Using Both Segments	Revenue
<b>Westbound</b>				
OCTA	731,847	515,633	70%	\$2,107,731
RCTC	628,342	515,633	82%	\$2,873,878
<b>Eastbound</b>				
OCTA	753,749	495,637	66%	\$2,665,455
RCTC	589,211	495,637	84%	\$2,195,882

## JOINT AGENCY TRAFFIC STATISTICS



## JOINT AGENCY PERFORMANCE MEASURES

REPORTING REQUIREMENT	REPORTING PERIOD	PERFORMANCE STANDARD	January 2023 PERFORMANCE
<b>Customer Service</b>			
Service Level /Speed of Answer	Monthly	80% answered within 60 seconds	62% answered within 60 seconds
Abandon Percentage	Monthly	4 % <	6%
Customer Satisfaction Score	Monthly	4.5 =>	4.99
First Contact Resolution	Monthly	85% of calls resolved on the first contact	96%
<b>Timeliness of Case Resolution</b>	Monthly	90% of cases resolved in one (1) business day	99%
	Monthly	98% of cases resolved within five (5) business days	100%
<b>Mail Performance</b>			
Processing Returned Mail	Monthly	Per business day in which 90% of returned mail is processed within three (3) business days	100%
	Monthly	Per business day in which 100% of returned mail is not processed within ten (10) business days	100%
Research and resolve unidentified Payments	Monthly	100% of all unidentified payments are completely and accurately resolved within five (5) business days	100%
Payment Processing	Monthly	Per business day in which 100% of payments are processed within two (2) business days	100%
<b>Accounting</b>			
Customer Refunds Processed	Monthly	Per business day in which 100% of all refunds are not completely and accurately issued within five (5) business days	100%

Key Performance Indicator for service level was not achieved due to staffing shrinkage due to illnesses. Cofiroute is mitigating this effort by recruiting additional staff members, reducing lunch hours, and utilizing supervisory staff to assist with answering customer calls.

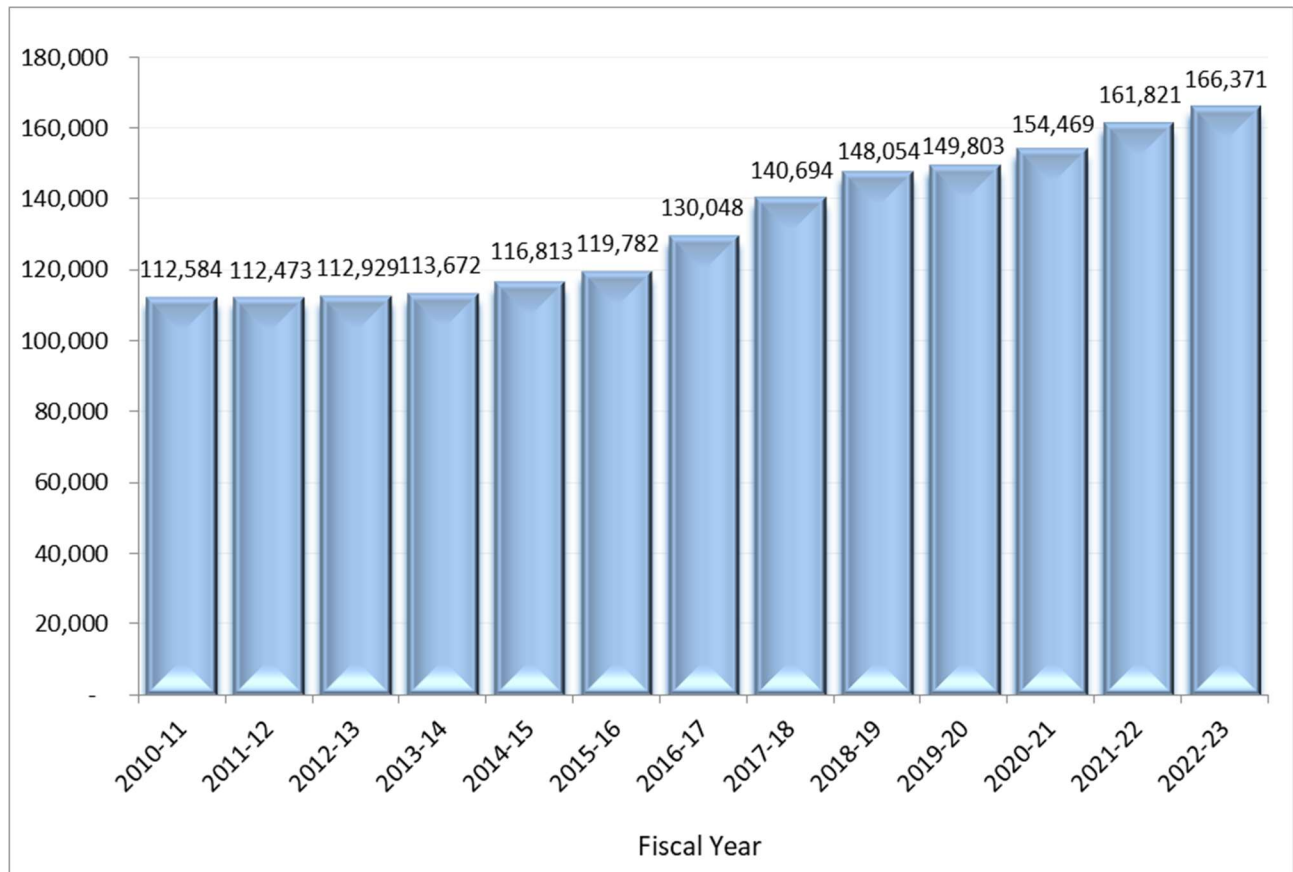
## JOINT AGENCY TRANSPONDER DISTRIBUTION

6C TRANSPONDER DISTRIBUTION	January-23		December-22		FY 2022-23	
	Tags	% of Total	Tags	% of Total	Average To-Date	
<b>Issued</b>						
To New Accounts	1,307	19.6%	1,283	19.3%	363	11.0%
Additional Tags to Existing Accounts	5,348	80.4%	5,348	80.7%	2,930	88.9%
Replacement Transponders	0	0.0%	0	0.0%	3	0.1%
Total Issued	6,655		6,631		3,296	
<b>Returned</b>						
Account Closures						
Accounts Downsizing						
Defective Transponders						
Total Returned						

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At the end of January 2023, the 91 EL had 166,371 active customer accounts and 665,204 transponders classified as assigned.

**Number of Accounts by FY**  
**As of January 31, 2023**









**Orange County Transportation Authority  
Riverside County Transportation Commission**



Status Report  
February 2023

As of February 28, 2023

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# OPERATIONS OVERVIEW OCTA

## TRAFFIC AND REVENUE STATISTICS FOR OCTA

Total traffic volume on the 91 Express Lanes (91 EL) for February 2023 was 1,498,268. This represents a daily average of 53,510 vehicles. This is a 2.3 percent decrease in total traffic volume from the same period last year, which totaled 1,534,225. Potential toll revenue for February was \$4,782,204, which represents an increase of 0.8 percent from the prior year's total of \$4,743,360. Higher gas prices and the higher level of inflation led to lower usage of the 91 Express Lanes. The carpool percentage for February was 23.2 percent as compared to the previous year's rate of 23 percent.

Month-to-date (MTD) traffic and revenue data is summarized in the table below. The following trip and revenue statistics tables represent all trips taken on the Orange County Transportation Authority (OCTA) 91 EL and associated potential revenue for the month of February 2023.

### Current MTD as of February 28, 2023

Trips	FEB-23 MTD Actual	FEB-22 MTD Actual	Yr-to-Yr % Variance
Full Toll Lanes	1,150,676	1,181,151	(2.6%)
3+ Lanes	347,592	353,074	(1.6%)
Total Gross Trips	1,498,268	1,534,225	(2.3%)
<b>Revenue</b>			
Full Toll Lanes	\$4,725,359	\$4,693,158	0.7%
3+ Lanes	\$56,845	\$50,202	13.2%
Total Gross Revenue	\$4,782,204	\$4,743,360	0.8%
<b>Average Revenue per Trip</b>			
Average Full Toll Lanes	\$4.11	\$3.97	3.5%
Average 3+ Lanes	\$0.16	\$0.14	14.3%
Average Gross Revenue	\$3.19	\$3.09	3.2%

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The 2023 fiscal year-to-date (YTD) traffic volume decreased by 2.4 percent, and potential toll revenue increased by 0.3 percent when compared with the same period the prior year. YTD average revenue per trip is \$3.17.

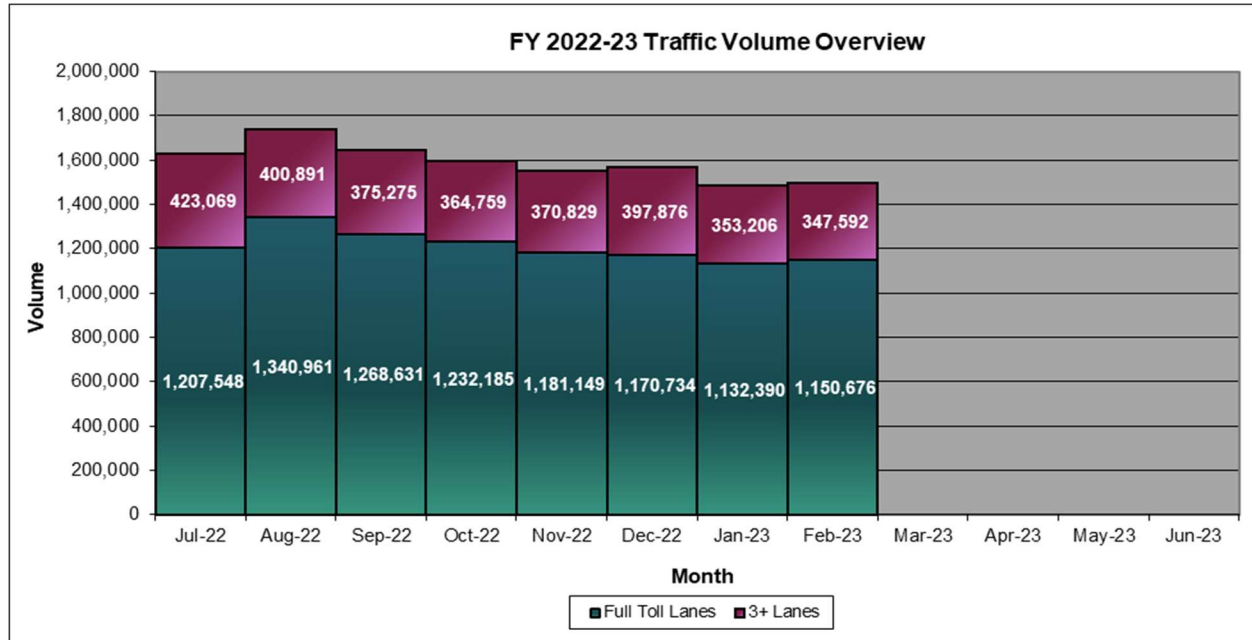
Fiscal YTD traffic and revenue data are summarized in the table below. The following trip and revenue statistics tables represent all trips taken on the OCTA 91 EL and associated potential revenue for the months of July 2022 through February 2023.

**Fiscal Year (FY) 2022-23 YTD as of February 28, 2023**

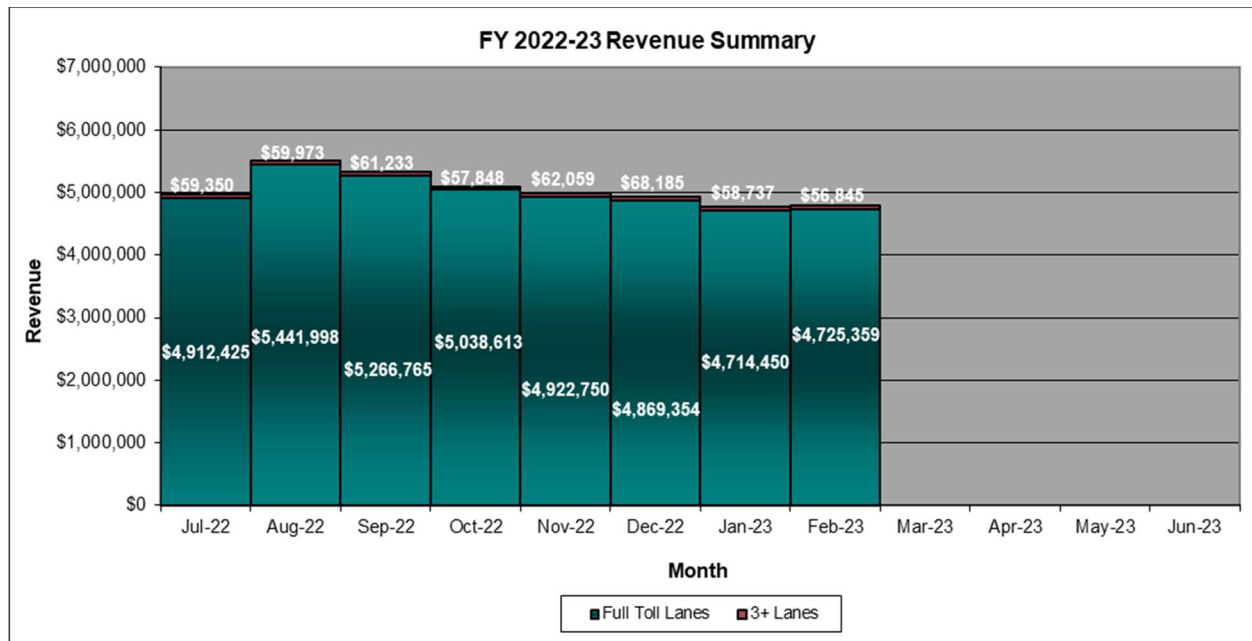
<b>Trips</b>	<b>FY 2022-23 YTD Actual</b>	<b>FY 2021-22 YTD Actual</b>	<b>Yr-to-Yr % Variance</b>
Full Toll Lanes	9,684,274	10,035,959	(3.5%)
3+ Lanes	3,033,497	2,996,163	1.2%
Total Gross Trips	12,717,771	13,032,122	(2.4%)
<b>Revenue</b>			
Full Toll Lanes	\$39,891,714	\$39,839,482	0.1%
3+ Lanes	\$484,229	\$405,817	19.3%
Total Gross Revenue	\$40,375,943	\$40,245,299	0.3%
<b>Average Revenue per Trip</b>			
Average Full Toll Lanes	\$4.12	\$3.97	3.8%
Average 3+ Lanes	\$0.16	\$0.14	14.3%
Average Gross Revenue	\$3.17	\$3.09	2.6%

## OCTA Traffic and Revenue Summary

The chart below reflects the total trips breakdown between full toll trips and high-occupancy vehicle (HOV3+) trips for FY 2022-23 on a monthly basis.



The chart below reflects the gross potential revenue breakdown between full toll trips and HOV3+ trips for FY 2022-23 on a monthly basis.



## OCTA PEAK-HOUR VOLUMES

Peak-hour traffic in the eastbound and westbound directions reached or exceeded 90 percent of defined capacity 11 times during the month of February 2023. As demonstrated on the next chart, westbound peak-hour traffic volumes top out at 95 percent of defined capacity.

## OCTA EASTBOUND PEAK-HOUR VOLUMES

EASTBOUND WEEKDAY PEAK VOLUME:

PM Time	Monday 01/30/23				Tuesday 01/31/23				Wednesday 02/01/23				Thursday 02/02/23				Friday 02/03/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500									\$5.30	409	2,904	85%	\$7.70	318	2,125	63%	\$8.60	448	2,771	82%
1500 - 1600									\$7.45	441	2,985	88%	\$7.45	469	3,004	88%	\$8.15	500	2,858	84%
1600 - 1700									\$6.50	384	2,694	79%	\$7.00	467	3,076	90%	\$6.95	461	2,593	76%
1700 - 1800									\$5.40	455	2,825	83%	\$6.70	478	2,884	85%	\$6.95	533	2,878	85%
1800 - 1900									\$4.05	570	2,776	82%	\$4.50	665	3,016	89%	\$6.95	675	2,730	80%
1900 - 2000									\$3.95	704	2,827	83%	\$5.75	606	2,540	75%	\$6.45	649	2,274	67%

PM Time	Monday 02/06/23				Tuesday 02/07/23				Wednesday 02/08/23				Thursday 02/09/23				Friday 02/10/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500	\$5.25	440	2,793	82%	\$5.30	401	2,882	85%	\$5.30	408	2,910	86%	\$7.70	446	2,958	87%	\$8.60	535	3,057	90%
1500 - 1600	\$5.25	450	2,881	85%	\$5.75	426	2,876	85%	\$7.45	468	3,018	89%	\$7.45	441	2,832	83%	\$8.15	519	2,941	87%
1600 - 1700	\$5.25	409	2,807	83%	\$5.25	403	2,604	77%	\$6.50	457	2,851	84%	\$7.00	436	2,876	85%	\$6.95	524	2,985	88%
1700 - 1800	\$5.25	416	2,737	81%	\$4.90	430	2,681	79%	\$5.40	446	2,837	83%	\$6.70	453	2,846	84%	\$6.95	527	2,829	83%
1800 - 1900	\$5.25	640	2,912	86%	\$4.05	632	3,036	89%	\$4.05	598	2,813	83%	\$4.50	583	2,887	85%	\$6.95	653	2,732	80%
1900 - 2000	\$5.25	562	2,206	65%	\$3.95	584	2,571	76%	\$3.95	693	2,762	81%	\$5.75	660	2,791	82%	\$6.45	629	2,198	65%

PM Time	Monday 02/13/23				Tuesday 02/14/23				Wednesday 02/15/23				Thursday 02/16/23				Friday 02/17/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500	\$5.30	463	2,814	83%	\$5.30	384	3,035	89%	\$5.30	428	3,002	88%	\$7.70	464	3,053	90%	\$8.60	495	2,655	78%
1500 - 1600	\$5.65	490	2,902	85%	\$5.75	404	2,995	88%	\$7.45	454	2,945	87%	\$7.45	493	2,898	85%	\$8.15	585	2,971	87%
1600 - 1700	\$5.10	477	2,901	85%	\$5.25	448	2,940	86%	\$6.50	428	2,835	83%	\$7.00	462	2,840	84%	\$6.95	539	2,927	86%
1700 - 1800	\$4.95	492	2,890	85%	\$4.90	539	2,944	87%	\$5.40	432	2,818	83%	\$6.70	454	2,886	85%	\$6.95	543	2,809	83%
1800 - 1900	\$5.65	664	2,750	81%	\$4.05	602	2,837	83%	\$4.05	597	2,815	83%	\$4.50	553	2,760	81%	\$6.95	607	2,386	70%
1900 - 2000	\$3.95	491	1,737	51%	\$3.95	649	2,540	75%	\$3.95	695	2,802	82%	\$5.75	713	2,855	84%	\$6.45	763	2,522	74%

PM Time	Monday 02/20/23				Tuesday 02/21/23				Wednesday 02/22/23				Thursday 02/23/23				Friday 02/24/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500	\$5.30	567	2,484	73%	\$5.30	450	2,898	85%	\$5.30	478	3,045	90%	\$7.70	426	2,783	82%	\$8.60	474	2,737	81%
1500 - 1600	\$5.65	600	2,771	82%	\$5.75	456	2,967	87%	\$7.45	464	2,936	86%	\$7.45	457	2,943	87%	\$8.15	481	2,687	79%
1600 - 1700	\$5.10	545	2,455	72%	\$5.25	418	2,914	86%	\$6.50	435	3,077	91%	\$7.00	449	2,823	83%	\$6.95	498	2,531	74%
1700 - 1800	\$4.95	555	2,293	67%	\$4.90	477	2,799	82%	\$5.40	493	3,014	89%	\$6.70	468	2,800	82%	\$6.95	497	2,407	71%
1800 - 1900	\$5.65	555	1,742	51%	\$4.05	556	2,626	77%	\$4.05	662	3,073	90%	\$4.50	486	2,238	66%	\$6.95	571	2,168	64%
1900 - 2000	\$3.95	544	1,394	41%	\$3.95	657	2,616	77%	\$3.95	550	2,309	68%	\$5.75	357	1,536	45%	\$6.45	439	1,421	42%

PM Time	Monday 02/27/23				Tuesday 02/28/23				Wednesday 03/01/23				Thursday 03/02/23				Friday 03/03/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500	\$5.30	416	2,650	78%	\$5.30	388	2,842	84%												
1500 - 1600	\$5.65	414	2,643	78%	\$5.75	457	3,251	96%												
1600 - 1700	\$5.10	466	2,678	79%	\$5.25	423	3,003	88%												
1700 - 1800	\$4.95	465	2,694	79%	\$4.90	465	2,980	88%												
1800 - 1900	\$5.65	576	2,609	77%	\$4.05	655	2,750	81%												
1900 - 2000	\$3.95	501	1,949	57%	\$3.95	423	1,546	45%												



## OCTA WESTBOUND PEAK-HOUR VOLUMES

### WESTBOUND WEEKDAY PEAK VOLUME:

AM Time	Monday 01/30/23				Tuesday 01/31/23				Wednesday 02/01/23				Thursday 02/02/23				Friday 02/03/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500									\$3.15	411	1,121	33%	\$3.15	399	1,153	34%	\$3.25	359	1,045	31%
0500 - 0600									\$5.10	759	2,735	80%	\$5.10	772	2,647	78%	\$5.00	654	2,308	68%
0600 - 0700									\$5.30	644	3,015	89%	\$5.30	629	3,027	89%	\$5.25	559	2,660	78%
0700 - 0800									\$5.80	555	2,761	81%	\$5.80	572	2,867	84%	\$5.80	540	2,586	76%
0800 - 0900									\$5.30	293	2,464	72%	\$5.30	325	2,517	74%	\$5.25	305	2,168	64%
0900 - 1000									\$4.20	294	2,406	71%	\$4.20	310	2,282	67%	\$4.35	272	1,901	56%

AM Time	Monday 02/06/23				Tuesday 02/07/23				Wednesday 02/08/23				Thursday 02/09/23				Friday 02/10/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500	\$1.80	404	1,160	34%	\$3.15	393	1,171	34%	\$3.15	405	1,082	32%	\$3.15	407	1,136	33%	\$3.25	352	975	29%
0500 - 0600	\$1.80	725	2,609	77%	\$5.10	763	2,691	79%	\$5.10	765	2,648	78%	\$5.10	753	2,590	76%	\$5.00	656	2,295	68%
0600 - 0700	\$2.70	637	2,985	88%	\$5.30	654	3,127	92%	\$5.30	616	2,962	87%	\$5.30	685	3,035	89%	\$5.25	590	2,610	77%
0700 - 0800	\$3.25	635	2,858	84%	\$5.80	646	3,032	89%	\$5.80	615	3,000	88%	\$5.80	565	2,728	80%	\$5.80	568	2,467	73%
0800 - 0900	\$3.25	279	2,503	74%	\$5.30	326	2,693	79%	\$5.30	349	2,615	77%	\$5.30	303	2,521	74%	\$5.25	296	2,001	59%
0900 - 1000	\$4.05	317	2,225	65%	\$4.20	309	2,498	73%	\$4.20	308	2,465	73%	\$4.20	325	2,465	73%	\$4.35	350	2,139	63%

AM Time	Monday 02/13/23				Tuesday 02/14/23				Wednesday 02/15/23				Thursday 02/16/23				Friday 02/17/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500	\$3.15	366	1,067	31%	\$3.15	402	1,180	35%	\$3.15	400	1,128	33%	\$3.15	417	1,185	35%	\$3.25	334	982	29%
0500 - 0600	\$5.10	637	2,492	73%	\$5.10	703	2,620	77%	\$5.10	753	2,763	81%	\$5.10	770	2,666	78%	\$5.00	647	2,244	66%
0600 - 0700	\$5.30	567	2,697	79%	\$5.30	659	3,011	89%	\$5.30	682	3,090	91%	\$5.30	617	2,896	85%	\$5.25	601	2,652	78%
0700 - 0800	\$5.80	479	2,530	74%	\$5.80	638	2,967	87%	\$5.80	614	2,859	84%	\$5.80	669	2,977	88%	\$5.80	489	2,311	68%
0800 - 0900	\$5.30	347	2,254	66%	\$5.30	290	2,572	76%	\$5.30	323	2,591	76%	\$5.30	334	2,555	75%	\$5.25	346	2,127	63%
0900 - 1000	\$4.20	394	2,065	61%	\$4.20	294	2,509	74%	\$4.20	323	2,375	70%	\$4.20	302	2,452	72%	\$4.35	368	1,885	55%

AM Time	Monday 02/20/23				Tuesday 02/21/23				Wednesday 02/22/23				Thursday 02/23/23				Friday 02/24/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500	\$3.15	243	662	19%	\$3.15	408	1,176	35%	\$3.15	423	1,143	34%	\$3.15	396	1,040	31%	\$3.25	290	800	24%
0500 - 0600	\$5.10	407	1,532	45%	\$5.10	775	2,754	81%	\$5.10	756	2,741	81%	\$5.10	773	2,342	69%	\$5.00	491	1,733	51%
0600 - 0700	\$5.30	284	1,358	40%	\$5.30	649	3,218	95%	\$5.30	639	3,077	91%	\$5.30	641	2,922	86%	\$5.25	486	2,003	59%
0700 - 0800	\$5.80	322	1,387	41%	\$5.80	643	3,005	88%	\$5.80	587	2,872	84%	\$5.80	499	2,431	72%	\$5.80	429	1,960	58%
0800 - 0900	\$5.30	380	1,515	45%	\$5.30	396	2,849	84%	\$5.30	310	2,593	76%	\$5.30	249	2,087	61%	\$5.25	245	1,753	52%
0900 - 1000	\$4.20	453	1,699	50%	\$4.20	367	2,653	78%	\$4.20	316	2,415	71%	\$4.20	360	2,081	61%	\$4.35	235	1,515	45%

AM Time	Monday 02/27/23				Tuesday 02/28/23				Wednesday 03/01/23				Thursday 03/02/23				Friday 03/03/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500	\$3.15	395	1,060	31%	\$3.15	407	1,115	33%												
0500 - 0600	\$5.10	660	2,341	69%	\$5.10	746	2,542	75%												
0600 - 0700	\$5.30	575	2,717	80%	\$5.30	659	2,921	86%												
0700 - 0800	\$5.80	532	2,536	75%	\$5.80	544	2,647	78%												
0800 - 0900	\$5.30	236	2,099	62%	\$5.30	289	2,568	76%												
0900 - 1000	\$4.20	268	1,856	55%	\$4.20	245	2,297	68%												

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## OCTA OPERATIONAL HIGHLIGHTS

### **On-Road Operations**

OCTA Freeway Service Patrol responded to 98 calls during the month of February. Of those calls, 29 were to assist disabled vehicles, three were to remove debris, 31 were to tow vehicles, and 35 were to aid motorists in the 91 Express Lanes.



# FINANCIAL HIGHLIGHTS OCTA

## 91 Express Lanes Operating Statement

Description	YTD as of : <b>2/28/2023</b>		YTD Variance	
	Actual <sup>(1)</sup>	Budget <sup>(1)</sup>	Dollar \$	Percent (%)
<b>Operating revenues:</b>				
Toll Revenue	\$ 37,101,973.00	\$ 33,825,328.00	\$ 3,276,645.00	9.7
Fee Revenue	4,225,125.31	2,576,672.00	1,648,453.31	64.0
<b>Total operating revenues</b>	<b>41,327,098.31</b>	<b>36,402,000.00</b>	<b>4,925,098.31</b>	<b>13.5</b>
<b>Operating expenses:</b>				
Contracted Services	3,633,807.48	5,058,808.00	1,425,000.52	28.2
Administrative Fee	1,977,374.00	2,394,328.00	416,954.00	17.4
Other Professional Services	944,019.84	3,039,654.00	2,095,634.16	68.9
Credit Card Processing Fees	1,092,528.80	883,336.00	(209,192.80)	(23.7)
Toll Road Account Servicing	78,617.16	566,664.00	488,046.84	86.1
Other Insurance Expense	326,163.93	166,664.00	(159,499.93)	(95.7)
Toll Road Maintenance Supply Repairs	386,060.21	270,000.00	(116,060.21)	(43.0)
Patrol Services	641,896.18	733,336.00	91,439.82	12.5
Building Equipment Repairs and Maint	392,723.22	582,328.00	189,604.78	32.6
6C Transponders	-	50,000.00	50,000.00	100.0
Other Services	-	522,000.00	522,000.00	100.0
Utilities	51,573.47	30,000.00	(21,573.47)	(71.9)
Office Expense	(88,381.20)	520,336.00	608,717.20	117.0
Bad Debt Expense	596.43	-	(596.43)	N/A
Miscellaneous <sup>(2)</sup>	44,460.86	102,104.00	57,643.14	56.5
Leases	277,543.21	356,664.00	79,120.79	22.2
<b>Total operating expenses</b>	<b>9,758,983.59</b>	<b>15,276,222.00</b>	<b>5,517,238.41</b>	<b>36.1</b>
Depreciation and Amortization <sup>(3)</sup>	2,109,065.53	-	(2,109,065.53)	N/A
<b>Operating income (loss)</b>	<b>29,459,049.19</b>	<b>21,125,778.00</b>	<b>8,333,271.19</b>	<b>39.4</b>
<b>Nonoperating revenues (expenses):</b>				
Reimbursement from Other Agencies	38,114.58	175,000.00	(136,885.42)	(78.2)
Interest Income	1,920,119.61	1,254,504.00	665,615.61	53.1
Interest Expense	(2,409,643.55)	(2,466,464.00)	56,820.45	2.3
Other	-	-	-	N/A
<b>Total nonoperating revenues (expenses)</b>	<b>(451,409.36)</b>	<b>(1,036,960.00)</b>	<b>585,550.64</b>	<b>56.5</b>
Transfers In	-	-	-	N/A
Transfers Out <sup>(4)</sup>	(4,676,437.99)	-	(4,676,437.99)	N/A
<b>Net income (loss)</b>	<b>\$ 24,331,201.84</b>	<b>\$ 20,088,818.00</b>	<b>\$ 4,242,383.84</b>	<b>21.1</b>

<sup>1</sup>Actual amounts are accounted for on the accrual basis of accounting in an enterprise fund. Budget amounts are accounted for on a modified accrual basis of accounting.

<sup>2</sup>Miscellaneous expenses include: Bond Insurance Costs, Bank Service Charge, Transponder Materials.

<sup>3</sup>Depreciation and amortization are not budgeted items.

<sup>4</sup>Transfers Out: For M2 Project I and Project J expense reimbursements.

## Capital Asset Activity

During the eight months ending February 28, 2023, capital asset activities included payments of \$523,251 attributed to the Electronic Toll and Traffic Management system project and \$297,339 attributed to the back-office system implementation project.



# OPERATIONS OVERVIEW

## RIVERSIDE COUNTY

### TRANSPORTATION COMMITTEE

#### (RCTC)

#### TRAFFIC AND REVENUE STATISTICS FOR RCTC

Total traffic volume on the 91 EL for February 2023 was 1,247,474. This represents a daily average of 44,553 vehicles. This is a 3.6 percent decrease in total traffic volume from the same period last year which totaled 1,293,585. Potential toll revenue for February was \$5,230,712 which represents an increase of 4.3 percent from the prior year's total of \$5,015,454. Carpool percentage for February was 22.6 percent as compared to the previous year's rate of 21.7 percent.

MTD traffic and revenue data is summarized in the table below. The following trip and revenue statistics tables represent all trips taken on the RCTC 91 EL and associated potential revenue for the month of February 2023.

#### Current MTD as of February 28, 2023

Trips	FEB-23 MTD Actual	Stantec MTD Projected	# Variance	% Variance	FEB-22 MTD Actual	Yr-to-Yr % Variance
Full Toll Lanes	965,755	824,000	141,755	17.2%	1,013,448	(4.7%)
3+ Lanes	281,719	304,000	(22,281)	(7.3%)	280,137	0.6%
Total Gross Trips	1,247,474	1,128,000	119,474	10.6%	1,293,585	(3.6%)
<b>Revenue</b>						
Full Toll Lanes	\$5,187,206	\$3,949,429	\$1,237,777	31.3%	\$4,976,891	4.2%
3+ Lanes	\$43,506	\$0	\$43,506		\$38,563	12.8%
Total Gross Revenue	\$5,230,712	\$3,949,429	\$1,281,283	32.4%	\$5,015,454	4.3%
<b>Average Revenue per Trip</b>						
Average Full Toll Lanes	\$5.37	\$4.79	\$0.58	12.1%	\$4.91	9.4%
Average 3+ Lanes	\$0.15	\$0.00	\$0.15		\$0.14	7.1%
Average Gross Revenue	\$4.19	\$3.50	\$0.69	19.7%	\$3.88	8.0%

The 2023 fiscal YTD traffic volume decreased by 3.6 percent and potential toll revenue increased by 3.9 percent when compared with the same period the prior year. YTD average revenue per trip is \$4.02.

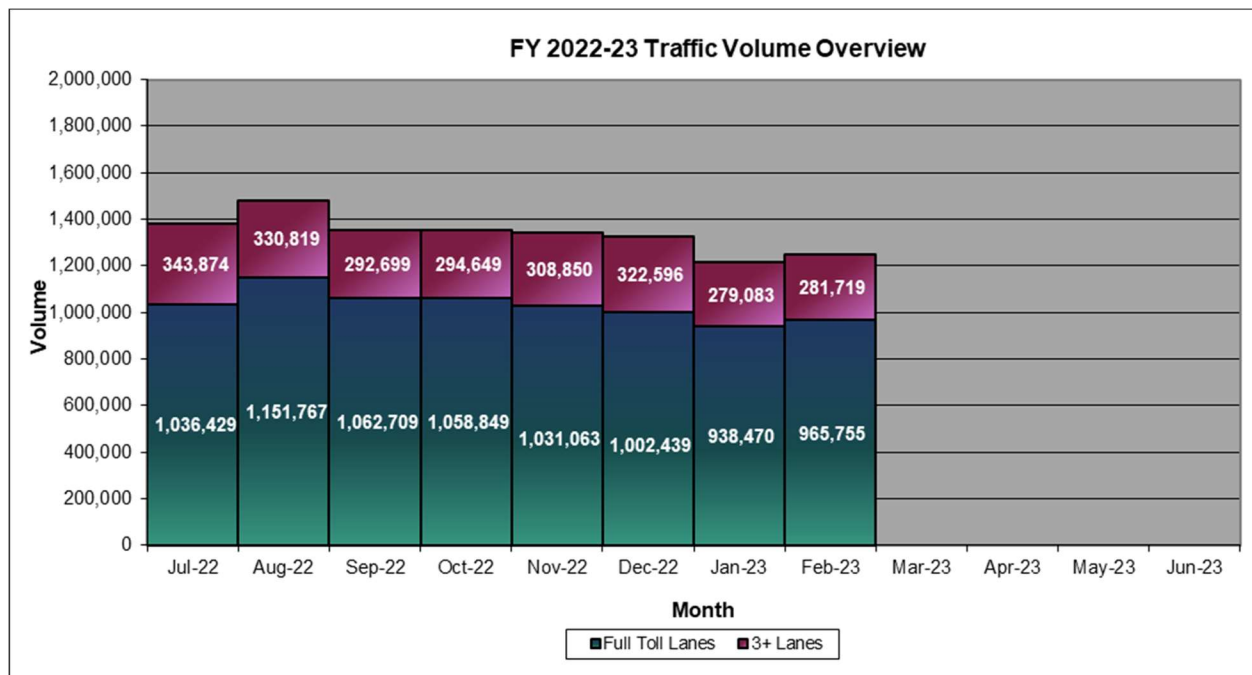
Fiscal YTD traffic and revenue data are summarized in the table below. The following trip and revenue statistics tables represent all trips taken on the RCTC 91 EL and associated potential revenue for the months of July 2022 through February 2023.

#### FY 2022-23 YTD as of February 28, 2023

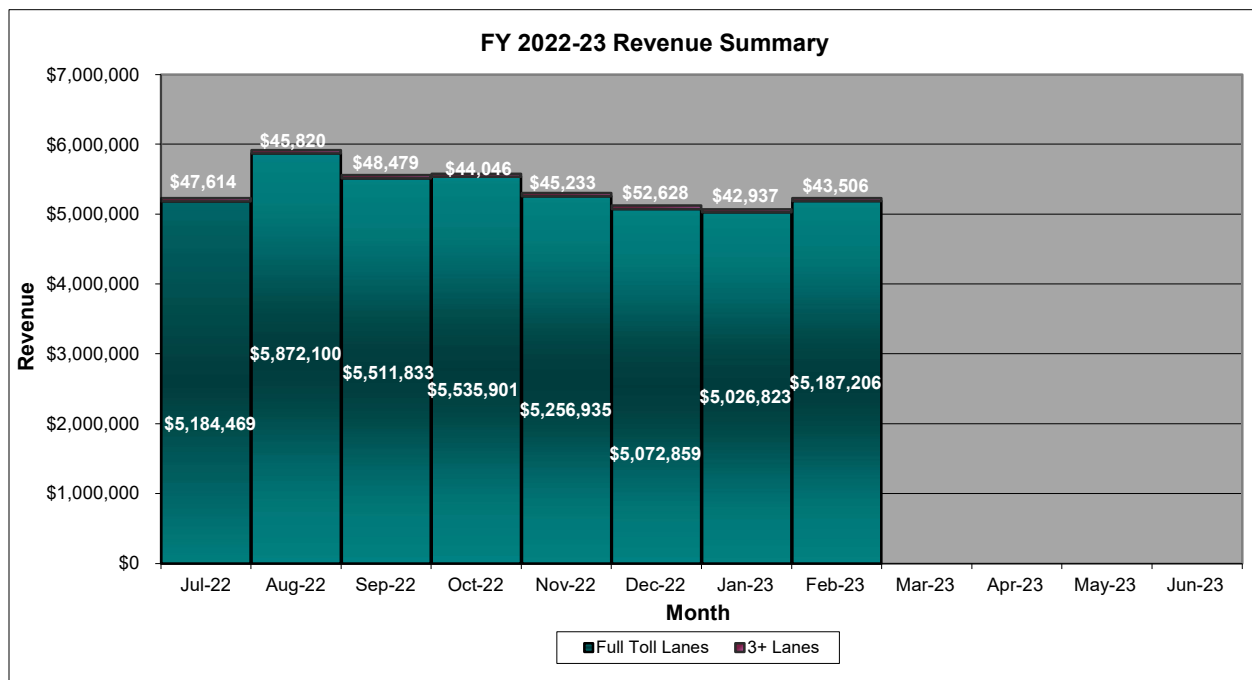
Trips	FY 2022-23 YTD Actual	Stantec YTD Projected	# Variance	% Variance	FY 2021-22 YTD Actual	Yr-to-Yr % Variance
Full Toll Lanes	8,247,481	7,204,600	1,042,881	14.5%	8,715,531	(5.4%)
3+ Lanes	2,454,289	2,615,571	(161,282)	(6.2%)	2,385,586	2.9%
Total Gross Trips	10,701,770	9,820,171	881,599	9.0%	11,101,117	(3.6%)
<b>Revenue</b>						
Full Toll Lanes	\$42,648,125	\$34,403,086	\$8,245,039	24.0%	\$41,095,268	3.8%
3+ Lanes	\$370,264	\$0	\$370,264		\$322,966	14.6%
Total Gross Revenue	\$43,018,389	\$34,403,086	\$8,615,303	25.0%	\$41,418,234	3.9%
<b>Average Revenue per Trip</b>						
Average Full Toll Lanes	\$5.17	\$4.78	\$0.39	8.2%	\$4.72	9.5%
Average 3+ Lanes	\$0.15	\$0.00	\$0.15		\$0.14	7.1%
Average Gross Revenue	\$4.02	\$3.50	\$0.52	14.9%	\$3.73	7.8%

## RCTC Traffic and Revenue Summary

The chart below reflects the total trips broken down between full toll lanes and HOV3+ lanes for FY 2022-23 on a monthly basis.



The chart below reflects the gross potential revenue breakdown between full toll lanes and HOV3+ lanes for FY 2022-23 on a monthly basis.



## RCTC PEAK-HOUR VOLUMES

In February no toll rates were adjusted. RCTC evaluates traffic volumes for peak-period hours and adjusts rates according to the toll rate policy.

## RCTC EASTBOUND PEAK-HOUR VOLUMES

Eastbound PM Peak - County Line to McKinley

PM Time	Monday 01/30/23					Tuesday 01/31/23					Wednesday 02/01/23					Thursday 02/02/23					Friday 02/03/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500											\$10.65	204	1124	1,328	F	\$13.85	161	798	959	C	\$27.90	253	973	1,226	E
1500 - 1600											\$13.40	253	938	1,191	D	\$17.30	297	1,062	1,359	F	\$27.60	197	713	910	C
1600 - 1700											\$5.65	215	964	1,179	D	\$8.05	219	969	1,188	D	\$16.25	187	662	849	C
1700 - 1800											\$5.65	216	928	1,144	D	\$5.65	194	941	1,135	D	\$7.35	258	877	1,135	D
1800 - 1900											\$5.65	258	824	1,082	D	\$5.65	289	829	1,118	D	\$5.65	308	755	1,063	D
1900 - 2000											\$4.45	310	817	1,127	D	\$5.65	292	821	1,113	D	\$4.45	299	840	1,139	D

PM Time	Monday 02/06/23					Tuesday 02/07/23					Wednesday 02/08/23					Thursday 02/09/23					Friday 02/10/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$7.35	218	960	1,178	D	\$7.35	199	1,123	1,322	F	\$10.65	207	1,040	1,247	E	\$13.85	219	1,128	1,347	F	\$27.90	306	1,076	1,382	F
1500 - 1600	\$8.05	236	967	1,203	E	\$10.20	233	992	1,225	E	\$13.40	238	1,015	1,253	E	\$17.30	271	1,005	1,276	E	\$27.60	326	1,072	1,398	F
1600 - 1700	\$5.65	196	923	1,119	D	\$5.65	202	866	1,068	D	\$5.65	219	957	1,176	D	\$8.05	222	1,032	1,254	E	\$16.25	300	1,000	1,300	E
1700 - 1800	\$5.65	143	877	1,020	D	\$5.65	166	872	1,038	D	\$5.65	215	949	1,164	D	\$5.65	221	964	1,185	D	\$7.35	275	980	1,255	E
1800 - 1900	\$5.65	267	837	1,104	D	\$5.65	267	874	1,141	D	\$5.65	260	826	1,086	D	\$5.65	255	897	1,152	D	\$5.65	308	927	1,235	E
1900 - 2000	\$2.40	277	723	1,000	C	\$4.45	280	793	1,073	D	\$4.45	314	846	1,160	D	\$5.65	286	904	1,190	D	\$4.45	315	772	1,087	D

PM Time	Monday 02/13/23					Tuesday 02/14/23					Wednesday 02/15/23					Thursday 02/16/23					Friday 02/17/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$7.35	200	988	1,188	D	\$7.35	206	1,114	1,320	F	\$10.65	215	1,020	1,235	E	\$13.85	254	1,152	1,406	F	\$27.90	301	995	1,296	E
1500 - 1600	\$8.05	258	932	1,190	D	\$10.20	221	995	1,216	E	\$13.40	247	1,028	1,275	E	\$17.30	308	939	1,247	E	\$27.60	393	1,017	1,410	F
1600 - 1700	\$5.65	201	1,012	1,213	E	\$5.65	226	1,027	1,253	E	\$5.65	223	975	1,198	D	\$8.05	221	748	969	C	\$16.25	327	1,047	1,374	F
1700 - 1800	\$5.65	228	878	1,106	D	\$5.65	239	919	1,158	D	\$5.65	194	961	1,155	D	\$5.65	256	1,104	1,360	F	\$7.35	319	1,003	1,322	F
1800 - 1900	\$5.65	277	805	1,082	D	\$5.65	281	829	1,110	D	\$5.65	274	782	1,056	D	\$5.65	255	796	1,051	D	\$5.65	324	845	1,169	D
1900 - 2000	\$2.40	220	544	764	B	\$4.45	320	832	1,152	D	\$4.45	330	867	1,197	D	\$5.65	322	816	1,138	D	\$4.45	417	896	1,313	F

PM Time	Monday 02/20/23					Tuesday 02/21/23					Wednesday 02/22/23					Thursday 02/23/23					Friday 02/24/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$7.35	284	920	1,204	E	\$7.35	215	1,004	1,219	E	\$10.65	231	1,040	1,271	E	\$13.85	235	967	1,202	E	\$27.90	253	815	1,068	D
1500 - 1600	\$8.05	315	940	1,255	E	\$10.20	230	989	1,219	E	\$13.40	245	949	1,194	D	\$17.30	217	952	1,169	D	\$27.60	228	689	917	C
1600 - 1700	\$5.65	280	812	1,092	D	\$5.65	178	971	1,149	D	\$5.65	214	1,009	1,223	E	\$8.05	193	867	1,060	D	\$16.25	205	705	910	C
1700 - 1800	\$5.65	266	709	975	C	\$5.65	230	897	1,127	D	\$5.65	229	957	1,186	D	\$5.65	233	808	1,041	D	\$7.35	237	764	1,001	D
1800 - 1900	\$5.65	239	521	760	B	\$5.65	248	715	963	C	\$5.65	285	863	1,148	D	\$5.65	214	673	887	C	\$5.65	254	694	948	C
1900 - 2000	\$2.40	264	381	645	B	\$4.45	296	788	1,084	D	\$4.45	272	758	1,030	D	\$5.65	146	440	586	B	\$4.45	192	441	633	B

PM Time	Monday 02/27/23					Tuesday 02/28/23					Wednesday 03/01/23					Thursday 03/02/23					Friday 03/03/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$7.35	220	836	1,056	D	\$7.35	183	980	1,163	D															
1500 - 1600	\$8.05	221	846	1,067	D	\$10.20	249	945	1,194	D															
1600 - 1700	\$5.65	189	826	1,015	D	\$5.65	181	918	1,099	D															
1700 - 1800	\$5.65	191	827	1,018	D	\$5.65	205	910	1,115	D															
1800 - 1900	\$5.65	231	739	970	C	\$5.65	274	786	1,060	D															
1900 - 2000	\$2.40	229	563	792	B	\$4.45	175	424	599	B															

**Eastbound PM Peak - County Line to 15 SB Ontario**

PM Time	Monday 01/30/23					Tuesday 01/31/23					Wednesday 02/01/23					Thursday 02/02/23					Friday 02/03/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500											\$5.65	127	776	903	C	\$5.65	95	647	742	B	\$5.65	131	719	850	C
1500 - 1600											\$5.65	129	696	825	C	\$5.65	137	738	875	C	\$5.65	94	595	689	B
1600 - 1700											\$5.65	105	600	705	B	\$5.65	126	668	794	B	\$3.15	101	534	635	B
1700 - 1800											\$3.15	105	565	670	B	\$3.15	105	630	735	B	\$3.15	123	606	729	B
1800 - 1900											\$3.15	139	614	753	B	\$3.15	163	573	736	B	\$3.15	180	541	721	B
1900 - 2000											\$3.15	203	650	853	C	\$3.15	182	631	813	C	\$3.15	183	554	737	B

PM Time	Monday 02/06/23					Tuesday 02/07/23					Wednesday 02/08/23					Thursday 02/09/23					Friday 02/10/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$5.65	126	763	889	C	\$5.65	133	761	894	C	\$5.65	115	751	866	C	\$5.65	125	762	887	C	\$5.65	159	805	964	C
1500 - 1600	\$5.65	113	657	770	B	\$5.65	103	699	802	C	\$5.65	130	735	865	C	\$5.65	116	660	776	B	\$5.65	153	684	837	C
1600 - 1700	\$3.15	114	578	692	B	\$5.65	127	596	723	B	\$5.65	119	637	756	B	\$5.65	114	578	692	B	\$3.15	146	674	820	C
1700 - 1800	\$3.15	93	604	697	B	\$3.15	107	650	757	B	\$3.15	105	606	711	B	\$3.15	127	634	761	B	\$3.15	135	622	757	B
1800 - 1900	\$3.15	135	572	707	B	\$3.15	155	649	804	C	\$3.15	159	611	770	B	\$3.15	138	593	731	B	\$3.15	163	546	709	B
1900 - 2000	\$3.15	154	517	671	B	\$3.15	166	653	819	C	\$3.15	204	710	914	C	\$3.15	181	672	853	C	\$3.15	193	519	712	B

PM Time	Monday 02/13/23					Tuesday 02/14/23					Wednesday 02/15/23					Thursday 02/16/23					Friday 02/17/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$5.65	108	718	826	C	\$5.65	105	782	887	C	\$5.65	127	802	929	C	\$5.65	126	803	929	C	\$5.65	136	634	770	B
1500 - 1600	\$5.65	147	727	874	C	\$5.65	124	695	819	C	\$5.65	133	698	831	C	\$5.65	120	729	849	C	\$5.65	141	622	763	B
1600 - 1700	\$3.15	153	600	753	B	\$5.65	100	617	717	B	\$5.65	122	615	737	B	\$5.65	111	494	605	B	\$3.15	155	554	709	B
1700 - 1800	\$3.15	130	632	762	B	\$3.15	126	563	689	B	\$3.15	117	590	707	B	\$3.15	155	662	817	C	\$3.15	142	552	694	B
1800 - 1900	\$3.15	181	593	774	B	\$3.15	169	586	755	B	\$3.15	146	594	740	B	\$3.15	127	568	695	B	\$3.15	142	461	603	B
1900 - 2000	\$3.15	133	414	547	B	\$3.15	197	605	802	C	\$3.15	190	638	828	C	\$3.15	177	571	748	B	\$3.15	233	603	836	C

PM Time	Monday 02/20/23					Tuesday 02/21/23					Wednesday 02/22/23					Thursday 02/23/23					Friday 02/24/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$5.65	150	589	739	B	\$5.65	125	735	860	C	\$5.65	149	759	908	C	\$5.65	120	717	837	C	\$5.65	142	605	747	B
1500 - 1600	\$5.65	191	610	801	C	\$5.65	149	672	821	C	\$5.65	134	679	813	C	\$5.65	97	674	771	B	\$5.65	136	560	696	B
1600 - 1700	\$3.15	142	527	669	B	\$5.65	132	696	828	C	\$5.65	125	611	736	B	\$5.65	114	528	642	B	\$3.15	118	517	635	B
1700 - 1800	\$3.15	150	483	633	B	\$3.15	127	648	775	B	\$3.15	142	579	721	B	\$3.15	127	539	666	B	\$3.15	149	452	601	B
1800 - 1900	\$3.15	173	367	540	B	\$3.15	168	623	791	B	\$3.15	170	608	778	B	\$3.15	120	465	585	B	\$3.15	157	476	633	B
1900 - 2000	\$3.15	156	263	419	B	\$3.15	193	727	920	C	\$3.15	175	576	751	B	\$3.15	108	373	481	B	\$3.15	134	328	462	B

PM Time	Monday 02/27/23					Tuesday 02/28/23					Wednesday 03/01/23					Thursday 03/02/23					Friday 03/03/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$5.65	110	664	774	B	\$5.65	120	734	854	C															
1500 - 1600	\$5.65	142	611	753	B	\$5.65	122	736	858	C															
1600 - 1700	\$3.15	109	601	710	B	\$5.65	118	691	809	C															
1700 - 1800	\$3.15	129	564	693	B	\$3.15	115	631	746	B															
1800 - 1900	\$3.15	155	561	716	B	\$3.15	158	577	735	B															
1900 - 2000	\$3.15	167	454	621	B	\$3.15	97	380	477	B															

## RCTC WESTBOUND PEAK-HOUR VOLUMES

### Westbound AM Peak - McKinley to County Line

	Monday 01/30/23					Tuesday 01/31/23					Wednesday 02/01/23					Thursday 02/02/23					Friday 02/03/23				
AM Time	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500											\$2.40	217	365	582	B	\$2.40	210	360	570	B	\$2.40	177	336	513	B
0500 - 0600											\$11.65	401	987	1,388	F	\$9.85	410	1,017	1,427	F	\$5.65	300	732	1,032	D
0600 - 0700											\$19.05	423	1258	1,681	F	\$18.00	435	1,212	1,647	F	\$10.90	292	977	1,269	E
0700 - 0800											\$16.35	354	1178	1,532	F	\$15.30	377	1,197	1,574	F	\$8.35	241	812	1,053	D
0800 - 0900											\$10.10	190	1168	1,358	F	\$9.05	190	1,081	1,271	E	\$5.65	128	791	919	C
0900 - 1000											\$5.65	164	1032	1,196	D	\$5.65	159	938	1,097	D	\$4.45	122	644	766	B

AM Time	Monday 02/06/23					Tuesday 02/07/23					Wednesday 02/08/23					Thursday 02/09/23					Friday 02/10/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$2.40	194	352	546	B	\$2.40	177	405	582	B	\$2.40	207	343	550	B	\$2.40	205	363	568	B	\$2.40	201	330	531	B
0500 - 0600	\$11.65	380	1,003	1,383	F	\$11.65	390	940	1,330	E	\$11.65	420	974	1,394	F	\$9.85	425	975	1,400	F	\$5.65	365	909	1,274	E
0600 - 0700	\$19.45	402	1,274	1,676	F	\$19.05	410	1,260	1,670	F	\$19.05	383	1,230	1,613	F	\$18.00	442	1,260	1,702	F	\$10.90	366	1,105	1,471	F
0700 - 0800	\$15.60	392	1,226	1,618	F	\$16.35	385	1,196	1,581	F	\$16.35	420	1,223	1,643	F	\$15.30	349	1,083	1,432	F	\$8.35	296	1,011	1,307	E
0800 - 0900	\$8.35	174	1,085	1,259	E	\$10.10	218	1,192	1,410	F	\$10.10	227	1,164	1,391	F	\$9.05	174	1,138	1,312	E	\$5.65	147	805	952	C
0900 - 1000	\$5.65	165	1,014	1,179	D	\$5.65	188	1,191	1,379	F	\$5.65	150	1,032	1,182	D	\$5.65	176	1,127	1,303	E	\$4.45	178	819	997	C

AM Time	Monday 02/13/23					Tuesday 02/14/23					Wednesday 02/15/23					Thursday 02/16/23					Friday 02/17/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$2.40	191	340	531	B	\$2.40	200	384	584	B	\$2.40	196	364	560	B	\$2.40	209	375	584	B	\$2.40	170	305	475	B
0500 - 0600	\$11.65	340	941	1,281	E	\$11.65	393	1,009	1,402	F	\$11.65	413	962	1,375	F	\$9.85	422	948	1,370	F	\$5.65	357	859	1,216	E
0600 - 0700	\$19.45	326	1,134	1,460	F	\$19.05	410	1,276	1,686	F	\$19.05	427	1,251	1,678	F	\$18.00	406	1,315	1,721	F	\$10.90	305	1,028	1,333	E
0700 - 0800	\$15.60	306	1,058	1,364	F	\$16.35	408	1,266	1,674	F	\$16.35	398	1,179	1,577	F	\$15.30	379	1,272	1,651	F	\$8.35	287	816	1,103	D
0800 - 0900	\$8.35	184	942	1,126	D	\$10.10	160	1,240	1,400	F	\$10.10	200	1,195	1,395	F	\$9.05	221	1,137	1,358	F	\$5.65	191	779	970	C
0900 - 1000	\$5.65	180	860	1,040	D	\$5.65	169	1,067	1,236	E	\$5.65	182	972	1,154	D	\$5.65	171	1,013	1,184	D	\$4.45	195	653	848	C

AM Time	Monday 02/20/23					Tuesday 02/21/23					Wednesday 02/22/23					Thursday 02/23/23					Friday 02/24/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$2.40	113	217	330	A	\$2.40	207	383	590	B	\$2.40	215	367	582	B	\$2.40	196	319	515	B	\$2.40	156	265	421	B
0500 - 0600	\$11.65	186	589	775	B	\$11.65	418	1,022	1,440	F	\$11.65	379	1,078	1,457	F	\$9.85	381	779	1,160	D	\$5.65	257	620	877	C
0600 - 0700	\$19.45	141	630	771	B	\$19.05	417	1,312	1,729	F	\$19.05	334	1,304	1,638	F	\$18.00	320	1,091	1,411	F	\$10.90	258	722	980	C
0700 - 0800	\$15.60	161	608	769	B	\$16.35	388	1,303	1,691	F	\$16.35	318	1,259	1,577	F	\$15.30	267	977	1,244	E	\$8.35	267	722	989	C
0800 - 0900	\$8.35	213	594	807	C	\$10.10	221	1,348	1,569	F	\$10.10	183	1,203	1,386	F	\$9.05	122	893	1,015	D	\$5.65	139	728	867	C
0900 - 1000	\$5.65	247	687	934	C	\$5.65	225	1,388	1,613	F	\$5.65	149	993	1,142	D	\$5.65	140	751	891	C	\$4.45	122	536	658	B

AM Time	Monday 02/27/23					Tuesday 02/28/23					Wednesday 03/01/23					Thursday 03/02/23					Friday 03/03/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$2.40	183	308	491	B	\$2.40	178	355	533	B															
0500 - 0600	\$11.65	353	803	1,156	D	\$11.65	399	914	1,313	E															
0600 - 0700	\$19.45	324	946	1,270	E	\$19.05	396	1,137	1,533	F															
0700 - 0800	\$15.60	325	973	1,298	E	\$16.35	352	1,161	1,513	F															
0800 - 0900	\$8.35	141	875	1,016	D	\$10.10	186	1,281	1,467	F															
0900 - 1000	\$5.65	149	718	867	C	\$5.65	111	936	1,047	D															



**Westbound AM Peak - I-15 North to County Line**

AM Time	Monday 01/30/23					Tuesday 01/31/23					Wednesday 02/01/23					Thursday 02/02/23					Friday 02/03/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500											\$3.15	156	427	583	B	\$3.15	151	407	558	B	\$3.15	119	357	476	B
0500 - 0600											\$9.40	264	982	1,246	E	\$9.40	283	965	1,248	E	\$7.30	212	796	1,008	D
0600 - 0700											\$10.85	246	1133	1,379	E	\$10.85	269	1,148	1,417	F	\$7.30	212	954	1,166	D
0700 - 0800											\$10.50	225	1101	1,326	E	\$9.40	189	1,076	1,265	E	\$7.30	140	830	970	C
0800 - 0900											\$7.30	144	1047	1,191	D	\$7.30	142	1,042	1,184	D	\$5.65	115	852	967	C
0900 - 1000											\$5.65	113	952	1,065	D	\$5.65	120	984	1,104	D	\$5.65	104	650	754	B

AM Time	Monday 02/06/23					Tuesday 02/07/23					Wednesday 02/08/23					Thursday 02/09/23					Friday 02/10/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$3.15	166	448	614	B	\$3.15	164	442	606	B	\$3.15	173	450	623	B	\$3.15	175	415	590	B	\$3.15	126	374	500	B
0500 - 0600	\$9.40	268	939	1,207	E	\$9.40	286	967	1,253	E	\$9.40	261	968	1,229	E	\$9.40	267	966	1,233	E	\$7.30	228	826	1,054	D
0600 - 0700	\$10.50	276	1,088	1,364	E	\$10.85	285	1,220	1,505	F	\$10.85	289	1,168	1,457	F	\$10.85	286	1,129	1,415	F	\$7.30	247	908	1,155	D
0700 - 0800	\$9.40	202	1,081	1,283	E	\$9.40	215	1,220	1,435	F	\$10.50	233	1,152	1,385	E	\$9.40	200	1,144	1,344	E	\$7.30	147	933	1,080	D
0800 - 0900	\$7.30	128	1,047	1,175	D	\$7.30	155	1,110	1,265	E	\$7.30	136	1,133	1,269	E	\$7.30	120	1,091	1,211	E	\$5.65	130	843	973	C
0900 - 1000	\$5.65	100	945	1,045	D	\$5.65	106	1,031	1,137	D	\$5.65	146	977	1,123	D	\$5.65	116	898	1,014	D	\$5.65	145	734	879	C

AM Time	Monday 02/13/23					Tuesday 02/14/23					Wednesday 02/15/23					Thursday 02/16/23					Friday 02/17/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$3.15	155	447	602	B	\$3.15	162	438	600	B	\$3.15	160	452	612	B	\$3.15	169	464	633	B	\$3.15	116	363	479	B
0500 - 0600	\$9.40	254	885	1,139	D	\$9.40	271	1,008	1,279	E	\$9.40	274	978	1,252	E	\$9.40	281	984	1,265	E	\$7.30	259	796	1,055	D
0600 - 0700	\$10.50	224	1,049	1,273	E	\$10.85	285	1,205	1,490	F	\$10.85	288	1,142	1,430	F	\$10.85	289	1,141	1,430	F	\$7.30	212	925	1,137	D
0700 - 0800	\$9.40	169	1,073	1,242	E	\$9.40	201	1,163	1,364	E	\$10.50	221	1,148	1,369	E	\$9.40	221	1,112	1,333	E	\$7.30	172	805	977	C
0800 - 0900	\$7.30	113	849	962	C	\$7.30	97	1,140	1,237	E	\$7.30	162	1,078	1,240	E	\$7.30	137	1,059	1,196	D	\$5.65	132	764	896	C
0900 - 1000	\$5.65	141	769	910	C	\$5.65	125	876	1,001	D	\$5.65	126	1,007	1,133	D	\$5.65	115	1,017	1,132	D	\$5.65	150	699	849	C

AM Time	Monday 02/20/23					Tuesday 02/21/23					Wednesday 02/22/23					Thursday 02/23/23					Friday 02/24/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$3.15	103	226	329	A	\$3.15	179	463	642	B	\$3.15	170	425	595	B	\$3.15	162	366	528	B	\$3.15	115	279	394	A
0500 - 0600	\$9.40	123	610	733	B	\$9.40	298	1,026	1,324	E	\$9.40	220	1,038	1,258	E	\$9.40	276	849	1,125	D	\$7.30	179	634	813	C
0600 - 0700	\$10.50	85	610	695	B	\$10.85	288	1,214	1,502	F	\$10.85	223	1,235	1,458	F	\$10.85	220	1,113	1,333	E	\$7.30	190	744	934	C
0700 - 0800	\$9.40	98	556	654	B	\$9.40	218	1,209	1,427	F	\$10.50	157	1,194	1,351	E	\$9.40	156	1,041	1,197	D	\$7.30	131	750	881	C
0800 - 0900	\$7.30	122	544	666	B	\$7.30	163	1,103	1,266	E	\$7.30	145	1,106	1,251	E	\$7.30	96	968	1,064	D	\$5.65	91	597	688	B
0900 - 1000	\$5.65	161	516	677	B	\$5.65	179	1,042	1,221	E	\$5.65	123	900	1,023	D	\$5.65	103	765	868	C	\$5.65	92	536	628	B

AM Time	Monday 02/27/23					Tuesday 02/28/23					Wednesday 03/01/23					Thursday 03/02/23					Friday 03/03/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$3.15	178	402	580	B	\$3.15	182	376	558	B															
0500 - 0600	\$9.40	269	887	1,156	D	\$9.40	251	847	1,098	D															
0600 - 0700	\$10.50	269	1,061	1,330	E	\$10.85	293	1,151	1,444	F															
0700 - 0800	\$9.40	196	974	1,170	D	\$9.40	225	1,137	1,362	E															
0800 - 0900	\$7.30	115	1,019	1,134	D	\$7.30	116	1,121	1,237	E															
0900 - 1000	\$5.65	113	675	788	B	\$5.65	97	895	992	C															



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## RCTC OPERATIONAL HIGHLIGHTS

### **On-Road Operations**

RCTC Freeway Service Patrol responded to 69 calls during the month of February. Of those calls, 64 were to assist disabled vehicles, three calls to remove debris, and two were in response to accidents that affected the 91 EL.

# FINANCIAL HIGHLIGHTS RCTC

## RCTC 91 Express Lanes Operating Statement

Description	YTD as of : <b>2/28/2023</b>		YTD Variance	
	Actual <sup>1</sup>	Budget	Dollar \$	Percent (%)
<b>Operating revenues:</b>				
Toll Revenue	\$ 39,714,788.20	\$ 38,377,333.33	\$ 1,337,454.87	3.5
Fee Revenue	3,637,794.93	4,319,200.00	(681,405.07)	(15.8)
<b>Total operating revenues</b>	<b>43,352,583.13</b>	<b>42,696,533.33</b>	<b>656,049.80</b>	<b>1.5</b>
<b>Operating expenses:</b>				
Salaries and Benefits	494,915.13	537,000.00	42,084.87	7.8
Legal Services	25,627.05	233,333.33	207,706.28	89.0
Advisory Services	31,696.38	50,666.67	18,970.29	37.4
Audit and Accounting Fees	31,096.00	25,000.00	(6,096.00)	(24.4)
Service Fees	4,735.12	8,666.67	3,931.55	45.4
Other Professional Services	286,417.92	830,000.00	543,582.08	65.5
Lease Expense	162,865.60	222,466.67	59,601.07	26.8
Operations	1,563,209.16	3,101,333.33	1,538,124.17	49.6
Utilities	29,957.40	48,400.00	18,442.60	38.1
Supplies and Materials	4,830.97	7,066.67	2,235.70	31.6
Membership and Subscription Fees	29,076.29	18,866.67	(10,209.62)	(54.1)
Office Equipment & Furniture (Non-Capital)	-	53,333.33	53,333.33	100.0
Maintenance/Repairs	159,773.64	293,333.33	133,559.69	45.5
Training Seminars and Conferences	611.25	5,333.33	4,722.08	88.5
Transportation Expenses	414.23	1,933.33	1,519.10	78.6
Lodging	1,784.93	1,666.67	(118.26)	(7.1)
Meals	232.48	2,000.00	1,767.52	88.4
Other Staff Expenses	75.13	333.33	258.20	77.5
Advertising	-	100,000.00	100,000.00	100.0
Program Management	41,250.82	34,933.33	(6,317.49)	(18.1)
Program Operations	1,072,925.77	5,559,133.33	4,486,207.56	80.7
Litigation Settlement	-	-	-	N/A
Furniture & Equipment	4,160.23	50,000.00	45,839.77	91.7
Improvements	-	26,666.67	26,666.67	100.0
Bad Debt Expense	596.41	-	(596.41)	N/A
<b>Total operating expenses</b>	<b>3,946,251.91</b>	<b>11,211,466.67</b>	<b>7,265,214.76</b>	<b>64.8</b>
<b>Operating income (loss)</b>	<b>39,406,331.22</b>	<b>31,485,066.67</b>	<b>7,921,264.55</b>	<b>25.2</b>
<b>Nonoperating revenues (expenses):</b>				
Interest Revenue	1,396,795.37	74,800.00	1,321,995.37	(1,767.4)
Other Miscellaneous Revenue	42,562.81	-	42,562.81	N/A
Loss on Refunding	-	-	-	N/A
Principal Expense	-	-	-	N/A
Interest Expense	(12,357,470.72)	(14,800,666.67)	2,443,195.95	(16.5)
<b>Total nonoperating revenues (expenses)</b>	<b>(10,918,112.54)</b>	<b>(14,725,866.67)</b>	<b>3,807,754.13</b>	<b>25.9</b>
Transfers In	42.90	-	42.90	N/A
Transfers Out	(598,700.00)	(829,800.00)	231,100.00	(27.9)
<b>Net income (loss)</b>	<b>\$ 27,889,561.58</b>	<b>\$ 15,929,400.00</b>	<b>\$ 11,960,161.58</b>	<b>75.1</b>

<sup>1</sup> Unaudited



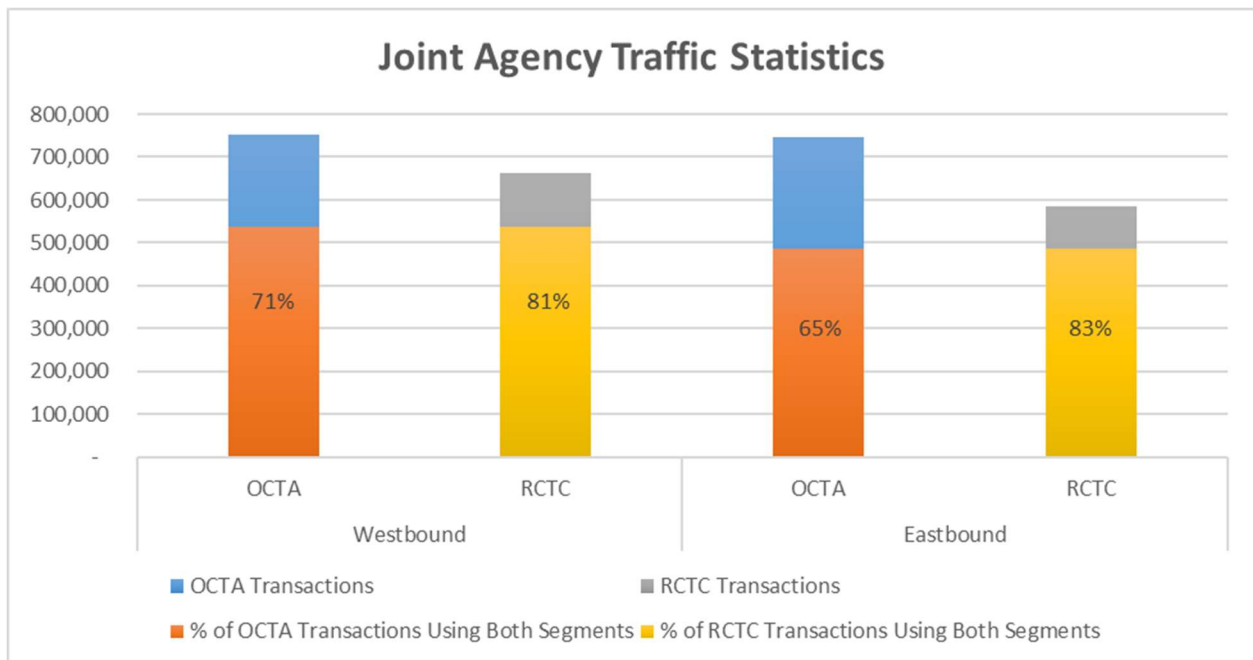
## JOINT AGENCY TRIP AND REVENUE STATISTICS

### MULTI AGENCY TRIP AND REVENUE STATISTICS

MONTH ENDING February 28, 2023

MTD	Transactions by Agency	Transactions Using Both Segments	% Using Both Segments	Revenue
<b>Westbound</b>				
OCTA	751,826	537,408	71%	\$2,151,379
RCTC	663,400	537,408	81%	\$3,015,365
<b>Eastbound</b>				
OCTA	746,442	485,902	65%	\$2,630,825
RCTC	584,074	485,902	83%	\$2,215,347

## JOINT AGENCY TRAFFIC STATISTICS



## JOINT AGENCY PERFORMANCE MEASURES

REPORTING REQUIREMENT	REPORTING PERIOD	PERFORMANCE STANDARD	February 2023 PERFORMANCE
<b>Customer Service</b>			
Service Level /Speed of Answer	Monthly	80% answered within 60 seconds	84% answered within 60 seconds
Abandon Percentage	Monthly	4 % <	1%
Customer Satisfaction Score	Monthly	4.5 =>	4.89
First Contact Resolution	Monthly	85% of calls resolved on the first contact	96%
<b>Timeliness of Case Resolution</b>			
	Monthly	90% of cases resolved in one (1) business day	99%
	Monthly	98% of cases resolved within five (5) business days	100%
<b>Mail Performance</b>			
Processing Returned Mail	Monthly	Per business day in which 90% of returned mail is processed within three (3) business days	100%
	Monthly	Per Business Day in which 100% of returned mail is processed within five (5) Business Days	100%
Research and resolve unidentified Payments	Monthly	100% of all unidentified payments are completely and accurately resolved within five (5) business days	100%
Payment Processing	Monthly	Per business day in which 100% of payments are processed within two (2) business days	100%
<b>Accounting</b>			
Customer Refunds Processed	Monthly	Per Business Day in which 100% of all refunds are completely and accurately issued within five (5) Business Days	100%

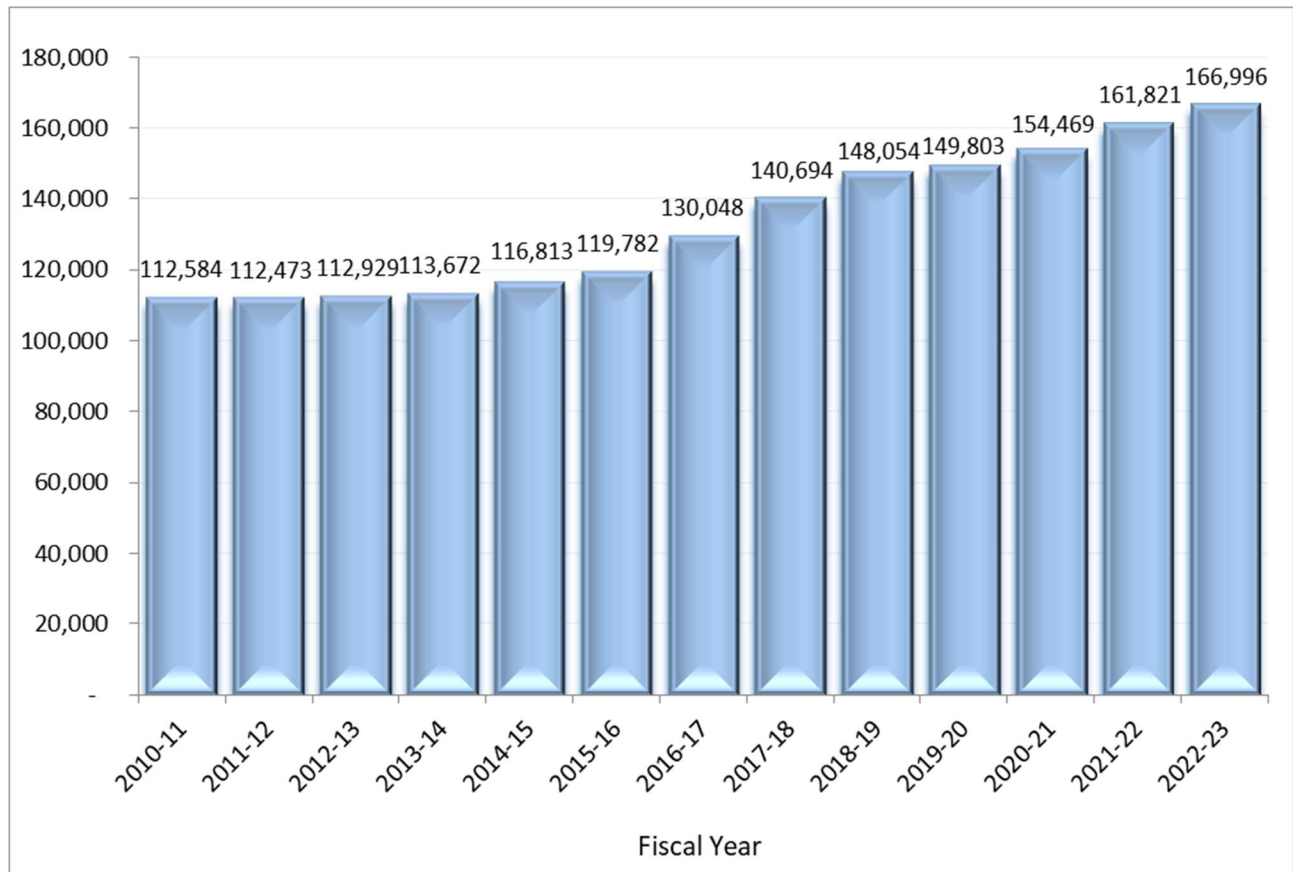
## JOINT AGENCY TRANSPONDER DISTRIBUTION

6C TRANSPONDER DISTRIBUTION	February-23		January-23		FY 2022-23	
	Tags	% of Total	Tags	% of Total	Average To-Date	
Issued						
To New Accounts	1,099	6.7%	1,283	19.3%	363	11.0%
Additional Tags to Existing Accounts	15,311	93.3%	5,348	80.7%	2,930	88.9%
Replacement Transponders	2	0.0%	0	0.0%	3	0.1%
Total Issued	16,412		6,631		3,296	
Returned						
Account Closures						
Accounts Downsizing						
Defective Transponders						
Total Returned						
Total Returned						

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At the end of February 2023, the 91 EL had 166,996 active customer accounts and 654,207 transponders classified as assigned.

**Number of Accounts by FY**  
**As of February 28, 2023**







**Orange County Transportation Authority  
Riverside County Transportation Commission**



Status Report  
March 2023

As of March 31, 2023

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# OPERATIONS OVERVIEW OCTA

## TRAFFIC AND REVENUE STATISTICS FOR OCTA

Total traffic volume on the 91 Express Lanes (91 EL) for March 2023 was 1,703,261. This represents a daily average of 54,944 vehicles. This is a 0.7 percent increase in total traffic volume from the same period last year, which totaled 1,690,829. Potential toll revenue for March was \$5,486,531, which represents an increase of 3.9 percent from the prior year's total of \$5,281,955. Carpool percentage for March was 22.7 percent as compared to the previous year's rate of 22.4 percent.

Month-to-date (MTD) traffic and revenue data is summarized in the table below. The following trip and revenue statistics tables represent all trips taken on the Orange County Transportation Authority (OCTA) 91 EL and associated potential revenue for the month of March 2023.

### Current MTD as of March 31, 2023

	MAR-23 MTD Actual	MAR-22 MTD Actual	Yr-to-Yr % Variance
<b>Trips</b>			
Full Toll Lanes	1,316,675	1,312,379	0.3%
3+ Lanes	386,586	378,450	2.1%
Total Gross Trips	1,703,261	1,690,829	0.7%
<b>Revenue</b>			
Full Toll Lanes	\$5,421,934	\$5,218,400	3.9%
3+ Lanes	\$64,597	\$63,555	1.6%
Total Gross Revenue	\$5,486,531	\$5,281,955	3.9%
<b>Average Revenue per Trip</b>			
Average Full Toll Lanes	\$4.12	\$3.98	3.5%
Average 3+ Lanes	\$0.17	\$0.17	0.0%
Average Gross Revenue	\$3.22	\$3.12	3.2%

The 2023 fiscal year-to-date (YTD) traffic volume decreased by 2.1 percent, and potential toll revenue increased by 0.7 percent when compared with the same period the prior year. YTD average revenue per trip is \$3.18.

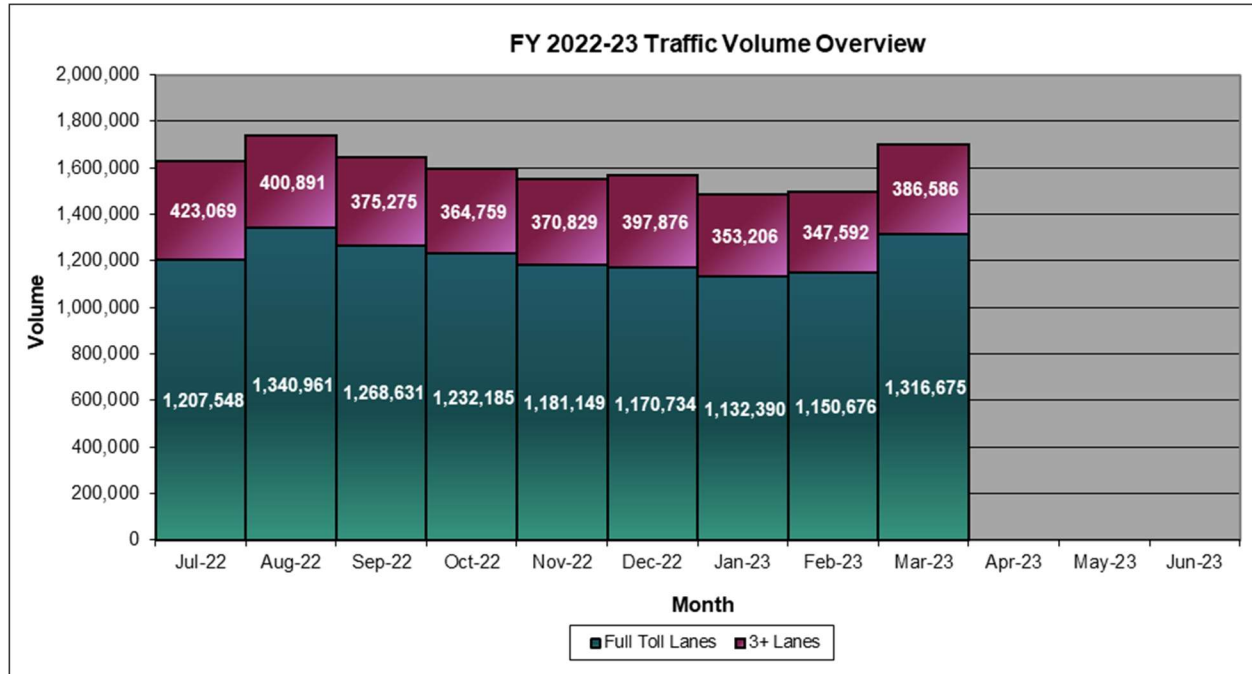
Fiscal YTD traffic and revenue data are summarized in the table below. The following trip and revenue statistics tables represent all trips taken on the OCTA 91 EL and associated potential revenue for the months of July 2022 through March 2023.

**Fiscal Year (FY) 2022-23 YTD as of March 31, 2023**

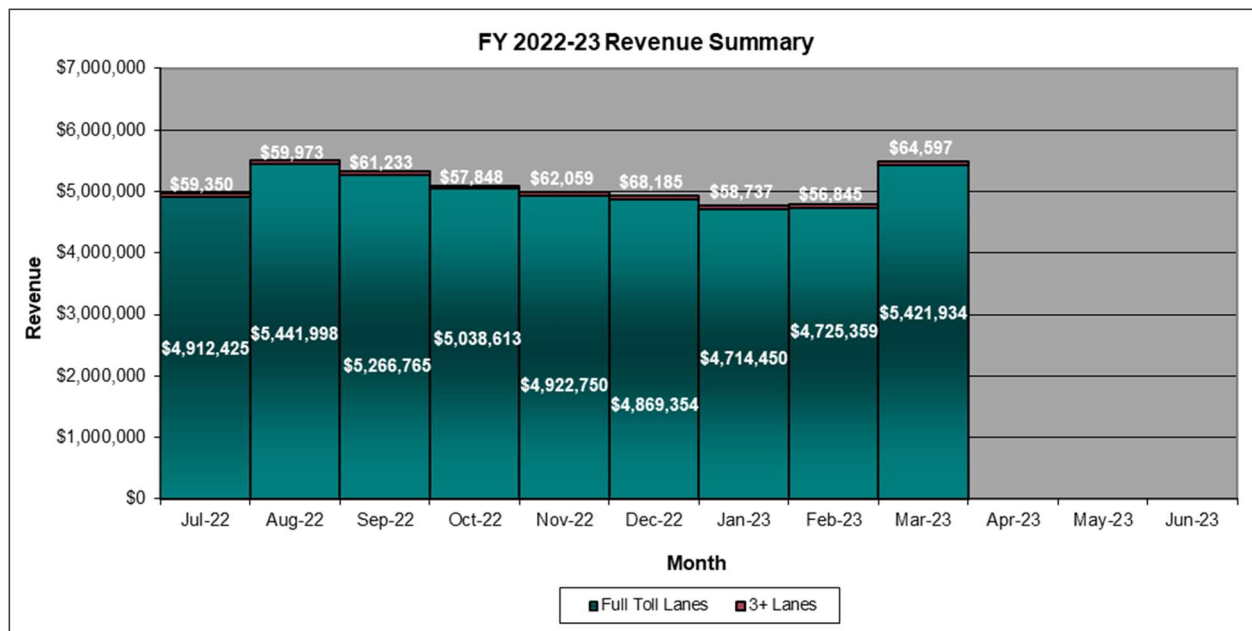
<b>Trips</b>	<b>FY 2022-23 YTD Actual (7/2022-3/2023)</b>	<b>FY 2021-22 YTD Actual (7/2021-3/2022)</b>	<b>Yr-to-Yr % Variance</b>
Full Toll Lanes	11,000,949	11,348,338	(3.1%)
3+ Lanes	3,420,083	3,374,613	1.3%
Total Gross Trips	14,421,032	14,722,951	(2.1%)
<b>Revenue</b>			
Full Toll Lanes	\$45,313,648	\$45,057,881	0.6%
3+ Lanes	\$548,826	\$469,372	16.9%
Total Gross Revenue	\$45,862,474	\$45,527,254	0.7%
<b>Average Revenue per Trip</b>			
Average Full Toll Lanes	\$4.12	\$3.97	3.8%
Average 3+ Lanes	\$0.16	\$0.14	14.3%
Average Gross Revenue	\$3.18	\$3.09	2.9%

## OCTA Traffic and Revenue Summary

The chart below reflects the total trips breakdown between full toll trips and high-occupancy vehicle (HOV3+) trips for FY 2022-23 on a monthly basis.



The chart below reflects the gross potential revenue breakdown between full toll trips and HOV3+ trips for FY 2022-23 on a monthly basis.



## OCTA PEAK-HOUR VOLUMES

Peak-hour traffic in the eastbound and westbound directions reached or exceeded 90 percent of defined capacity 13 times during the month of March 2023. As demonstrated on the next chart, westbound peak-hour traffic volumes top out at 92 percent of defined capacity.

## OCTA EASTBOUND PEAK-HOUR VOLUMES

EASTBOUND WEEKDAY PEAK VOLUME:

PM Time	Monday 02/27/23				Tuesday 02/28/23				Wednesday 03/01/23				Thursday 03/02/23				Friday 03/03/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500									\$5.30	414	2,979	88%	\$7.70	434	2,920	86%	\$8.60	445	2,687	79%
1500 - 1600									\$7.45	381	2,342	69%	\$7.45	471	2,900	85%	\$8.15	444	2,654	78%
1600 - 1700									\$6.50	438	2,941	87%	\$7.00	423	2,885	85%	\$6.95	392	2,227	66%
1700 - 1800									\$5.40	475	2,967	87%	\$6.70	389	2,504	74%	\$6.95	381	1,995	59%
1800 - 1900									\$4.05	455	2,061	61%	\$4.50	505	2,581	76%	\$6.95	535	2,382	70%
1900 - 2000									\$3.95	445	1,745	51%	\$5.75	613	2,606	77%	\$6.45	681	2,613	77%

PM Time	Monday 03/06/23				Tuesday 03/07/23				Wednesday 03/08/23				Thursday 03/09/23				Friday 03/10/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500	\$5.30	459	2,873	85%	\$5.30	441	2,962	87%	\$5.30	442	2,855	84%	\$7.70	480	2,997	88%	\$8.60	468	2,513	74%
1500 - 1600	\$5.65	478	3,087	91%	\$5.75	425	2,401	71%	\$7.45	492	2,885	85%	\$7.45	476	2,942	87%	\$8.15	527	2,702	79%
1600 - 1700	\$5.10	444	2,892	85%	\$5.25	405	2,828	83%	\$6.50	382	2,478	73%	\$7.00	457	2,891	85%	\$6.95	531	2,602	77%
1700 - 1800	\$4.95	480	3,038	89%	\$4.90	336	1,655	49%	\$5.40	182	990	29%	\$6.70	437	2,940	86%	\$6.95	517	2,539	75%
1800 - 1900	\$5.65	594	2,664	78%	\$4.05	574	2,798	82%	\$4.05	561	2,901	85%	\$4.50	603	2,822	83%	\$6.95	607	2,489	73%
1900 - 2000	\$3.95	408	1,543	45%	\$3.95	671	2,855	84%	\$3.95	698	2,769	81%	\$5.75	687	2,831	83%	\$6.45	546	1,918	56%

PM Time	Monday 03/13/23				Tuesday 03/14/23				Wednesday 03/15/23				Thursday 03/16/23				Friday 03/17/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500	\$5.30	374	2,625	77%	\$5.30	377	2,607	77%	\$5.30	387	2,749	81%	\$7.70	471	2,832	83%	\$8.60	462	2,891	85%
1500 - 1600	\$5.65	470	2,885	85%	\$5.75	435	2,683	79%	\$7.45	448	2,732	80%	\$7.45	503	3,041	89%	\$8.15	498	2,933	86%
1600 - 1700	\$5.10	445	3,031	89%	\$5.25	430	2,609	77%	\$6.50	422	2,896	85%	\$7.00	487	2,987	88%	\$6.95	538	2,877	85%
1700 - 1800	\$4.95	465	2,900	85%	\$4.90	467	2,736	80%	\$5.40	488	2,858	84%	\$6.70	479	2,940	86%	\$6.95	535	2,972	87%
1800 - 1900	\$5.65	562	2,842	84%	\$4.05	520	2,529	74%	\$4.05	470	2,340	69%	\$4.50	553	2,923	86%	\$6.95	631	2,709	80%
1900 - 2000	\$3.95	436	1,681	49%	\$3.95	537	2,184	64%	\$3.95	367	1,459	43%	\$5.75	578	2,545	75%	\$6.45	533	1,975	58%

PM Time	Monday 03/20/23				Tuesday 03/21/23				Wednesday 03/22/23				Thursday 03/23/23				Friday 03/24/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500	\$5.30	385	2,401	71%	\$5.30	377	2,378	70%	\$5.30	452	2,736	80%	\$7.70	511	2,978	88%	\$8.60	545	2,982	88%
1500 - 1600	\$5.65	517	3,230	95%	\$5.75	441	2,582	76%	\$7.45	434	2,934	86%	\$7.45	471	2,881	85%	\$8.15	575	3,067	90%
1600 - 1700	\$5.10	442	3,003	88%	\$5.25	416	2,582	76%	\$6.50	450	2,868	84%	\$7.00	426	2,732	80%	\$6.95	523	2,823	83%
1700 - 1800	\$4.95	557	3,050	90%	\$4.90	454	2,422	71%	\$5.40	490	2,874	85%	\$6.70	474	2,821	83%	\$6.95	528	2,932	86%
1800 - 1900	\$5.65	433	1,924	57%	\$4.05	554	2,383	70%	\$4.05	566	2,756	81%	\$4.50	585	2,894	85%	\$6.95	444	1,980	58%
1900 - 2000	\$3.95	405	1,385	41%	\$3.95	349	1,333	39%	\$3.95	390	1,613	47%	\$5.75	654	2,775	82%	\$6.45	40	114	3%

PM Time	Monday 03/27/23				Tuesday 03/28/23				Wednesday 03/29/23				Thursday 03/30/23				Friday 03/31/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500	\$5.30	465	2,684	79%	\$5.30	466	2,816	83%	\$5.30	411	2,461	72%	\$7.70	459	2,916	86%	\$8.60	514	2,808	83%
1500 - 1600	\$5.65	470	2,887	85%	\$5.75	238	1,254	37%	\$7.45	448	2,987	88%	\$7.45	487	3,011	89%	\$8.15	514	2,914	86%
1600 - 1700	\$5.10	468	2,919	86%	\$5.25	445	2,931	86%	\$6.50	442	2,811	83%	\$7.00	504	2,978	88%	\$6.95	500	2,926	86%
1700 - 1800	\$4.95	447	2,892	85%	\$4.90	464	2,765	81%	\$5.40	456	2,817	83%	\$6.70	413	2,722	80%	\$6.95	506	2,832	83%
1800 - 1900	\$5.65	589	2,724	80%	\$4.05	481	2,481	73%	\$4.05	444	2,145	63%	\$4.50	543	2,685	79%	\$6.95	666	2,777	82%
1900 - 2000	\$3.95	430	1,638	48%	\$3.95	533	2,240	66%	\$3.95	405	1,528	45%	\$5.75	440	1,690	50%	\$6.45	589	2,046	60%

## OCTA WESTBOUND PEAK-HOUR VOLUMES

### WESTBOUND WEEKDAY PEAK VOLUME:

AM Time	Monday 02/27/23				Tuesday 02/28/23				Wednesday 03/01/23				Thurs y 03/02/23				Frid: y 03/03/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500									\$3.15	394	1,138	33%	\$3.15	421	1,136	33%	\$3.25	384	1,043	31%
0500 - 0600									\$5.10	714	2,314	68%	\$5.10	741	2,590	76%	\$5.00	580	2,112	62%
0600 - 0700									\$5.30	646	3,021	89%	\$5.30	653	2,993	88%	\$5.25	599	2,667	78%
0700 - 0800									\$5.80	570	2,777	82%	\$5.80	653	2,940	86%	\$5.80	561	2,473	73%
0800 - 0900									\$5.30	288	2,233	66%	\$5.30	277	2,380	70%	\$5.25	259	2,028	60%
0900 - 1000									\$4.20	217	1,922	57%	\$4.20	343	2,745	81%	\$4.35	325	2,102	62%

AM Time	Monc ay 03/06/23				Tues day 03/07/23				Wednesday 03/08/23				Thursc y 03/09/23				Frid: y 03/10/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500	\$3.15	431	1,225	36%	\$3.15	427	1,164	34%	\$3.15	430	1,193	35%	\$3.15	448	1,246	37%	\$3.25	329	967	28%
0500 - 0600	\$5.10	685	2,558	75%	\$5.10	787	2,748	81%	\$5.10	772	2,757	81%	\$5.10	786	2,729	80%	\$5.00	554	1,956	58%
0600 - 0700	<b>\$5.30</b>	<b>623</b>	<b>3,059</b>	<b>90%</b>	<b>\$5.30</b>	<b>674</b>	<b>3,083</b>	<b>91%</b>	<b>\$5.30</b>	<b>667</b>	<b>3,097</b>	<b>91%</b>	<b>\$5.30</b>	<b>690</b>	<b>3,125</b>	<b>92%</b>	\$5.25	506	2,305	68%
0700 - 0800	\$5.80	542	2,714	80%	\$5.80	629	2,971	87%	<b>\$5.80</b>	<b>647</b>	<b>3,091</b>	<b>91%</b>	\$5.80	634	3,003	88%	\$5.80	515	2,441	72%
0800 - 0900	\$5.30	348	2,454	72%	\$5.30	350	2,827	83%	\$5.30	361	2,702	79%	\$5.30	345	2,589	76%	\$5.25	311	2,092	62%
0900 - 1000	\$4.20	304	2,548	75%	\$4.20	306	2,595	76%	\$4.20	337	2,499	74%	\$4.20	323	2,442	72%	\$4.35	340	2,021	59%

AM Time	Monc ay 03/13/23				Tues day 03/14/23				Wednesday 03/15/23				Thursc y 03/16/23				Frid: y 03/17/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500	\$3.15	393	1,149	34%	\$3.15	389	1,084	32%	\$3.15	364	1,016	30%	\$3.15	434	1,238	36%	\$3.25	351	980	29%
0500 - 0600	\$5.10	735	2,597	76%	\$5.10	755	2,454	72%	\$5.10	691	2,241	66%	\$5.10	770	2,813	83%	\$5.00	635	2,292	67%
0600 - 0700	\$5.30	688	2,883	85%	\$5.30	651	2,773	82%	\$5.30	684	2,823	83%	<b>\$5.30</b>	<b>716</b>	<b>3,087</b>	<b>91%</b>	\$5.25	629	2,644	78%
0700 - 0800	\$5.80	608	2,805	83%	\$5.80	507	2,580	76%	\$5.80	601	2,806	83%	<b>\$5.80</b>	<b>671</b>	<b>3,085</b>	<b>91%</b>	\$5.80	585	2,558	75%
0800 - 0900	\$5.30	321	2,484	73%	\$5.30	297	2,199	65%	\$5.30	281	2,466	73%	\$5.30	374	2,713	80%	\$5.25	290	2,135	63%
0900 - 1000	\$4.20	302	2,214	65%	\$4.20	243	1,988	58%	\$4.20	289	2,202	65%	\$4.20	329	2,424	71%	\$4.35	348	2,471	73%

AM Time	Monc ay 03/20/23				Tues day 03/21/23				Wednesday 03/22/23				Thursc y 03/23/23				Frid: y 03/24/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500	\$3.15	445	1,206	35%	\$3.15	533	2,036	60%	\$3.15	436	1,196	35%	\$3.15	440	1,203	35%	\$3.25	356	988	29%
0500 - 0600	\$5.10	776	2,616	77%	\$5.10	656	2,348	69%	\$5.10	734	2,558	75%	\$5.10	801	2,745	81%	\$5.00	635	2,253	66%
0600 - 0700	\$5.30	657	2,876	85%	\$5.30	529	2,300	68%	\$5.30	688	2,828	83%	<b>\$5.30</b>	<b>695</b>	<b>3,127</b>	<b>92%</b>	\$5.25	638	2,634	77%
0700 - 0800	\$5.80	687	2,981	88%	\$5.80	508	2,021	59%	\$5.80	557	2,691	79%	\$5.80	648	3,003	88%	\$5.80	570	2,524	74%
0800 - 0900	\$5.30	372	2,624	77%	\$5.30	413	2,595	76%	\$5.30	336	2,463	72%	\$5.30	441	2,978	88%	\$5.25	338	2,069	61%
0900 - 1000	\$4.20	365	2,414	71%	\$4.20	376	2,676	79%	\$4.20	309	2,161	64%	\$4.20	441	2,698	79%	\$4.35	395	2,095	62%

AM Time	Monc ay 03/27/23				Tues day 03/28/23				Wednesday 03/29/23				Thursc y 03/30/23				Frid: y 03/31/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500	\$3.15	388	1,133	33%	\$3.15	444	1,225	36%	\$3.15	394	1,092	32%	\$3.15	433	1,186	35%	\$3.25	327	937	28%
0500 - 0600	\$5.10	697	2,579	76%	\$5.10	801	2,752	81%	\$5.10	745	2,482	73%	\$5.10	716	2,372	70%	\$5.00	607	2,081	61%
0600 - 0700	\$5.30	676	2,964	87%	<b>\$5.30</b>	<b>686</b>	<b>3,106</b>	<b>91%</b>	\$5.30	628	2,719	80%	\$5.30	675	2,872	84%	\$5.25	580	2,568	76%
0700 - 0800	\$5.80	606	2,797	82%	\$5.80	625	2,887	85%	\$5.80	513	2,408	71%	\$5.80	585	2,647	78%	\$5.80	491	2,282	67%
0800 - 0900	\$5.30	371	2,410	71%	\$5.30	434	2,523	74%	\$5.30	392	2,379	70%	\$5.30	356	2,323	68%	\$5.25	329	2,003	59%
0900 - 1000	\$4.20	378	2,175	64%	\$4.20	463	2,758	81%	\$4.20	356	2,339	69%	\$4.20	331	2,279	67%	\$4.35	406	2,090	61%

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## OCTA OPERATIONAL HIGHLIGHTS

### **On-Road Operations**

OCTA Freeway Service Patrol responded to 80 calls during the month of March. Of those calls, 33 were to assist disabled vehicles, two were to remove debris, 20 were to tow vehicles, and 25 were to aid motorists in the 91 EL.

# FINANCIAL HIGHLIGHTS OCTA

## 91 Express Lanes Operating Statement

Description	YTD as of : <b>3/31/2023</b>		YTD Variance	
	Actual <sup>(1)</sup>	Budget <sup>(1)</sup>	Dollar \$	Percent (%)
<b>Operating revenues:</b>				
Toll Revenue	\$ 41,904,325.88	\$ 38,053,494.00	\$ 3,850,831.88	10.1
Fee Revenue	4,965,881.98	2,898,756.00	2,067,125.98	71.3
<b>Total operating revenues</b>	<b>46,870,207.86</b>	<b>40,952,250.00</b>	<b>5,917,957.86</b>	<b>14.5</b>
<b>Operating expenses:</b>				
Contracted Services	4,064,328.27	5,708,784.00	1,644,455.73	28.8
Administrative Fee	2,227,594.00	2,693,619.00	466,025.00	17.3
Other Professional Services	1,066,374.03	3,336,412.00	2,270,037.97	68.0
Credit Card Processing Fees	1,167,196.25	993,753.00	(173,443.25)	(17.5)
Toll Road Account Servicing	94,086.58	649,997.00	555,910.42	85.5
Other Insurance Expense	428,776.62	762,497.00	333,720.38	43.8
Toll Road Maintenance Supply Repairs	515,314.50	303,750.00	(211,564.50)	(69.7)
Patrol Services	739,212.48	825,003.00	85,790.52	10.4
Building Equipment Repairs and Maint	452,610.72	655,119.00	202,508.28	30.9
6C Transponders	-	56,250.00	56,250.00	100.0
Other Service	-	587,250.00	587,250.00	100.0
Utilities	60,185.93	33,750.00	(26,435.93)	(78.3)
Office Expense	(88,381.20)	585,378.00	673,759.20	115.1
Bad Debt Expense	601.68	-	(601.68)	N/A
Miscellaneous <sup>(2)</sup>	46,070.96	114,867.00	68,796.04	59.9
Leases	363,444.72	401,247.00	37,802.28	9.4
<b>Total operating expenses</b>	<b>11,137,415.54</b>	<b>17,707,676.00</b>	<b>6,570,260.46</b>	<b>37.1</b>
Depreciation and Amortization <sup>(3)</sup>	3,394,461.60	-	(3,394,461.60)	N/A
<b>Operating income (loss)</b>	<b>32,338,330.72</b>	<b>23,244,574.00</b>	<b>9,093,756.72</b>	<b>39.1</b>
<b>Nonoperating revenues (expenses):</b>				
Reimbursement from Other Agencies	77,339.30	200,000.00	(122,660.70)	(61.3)
Interest Income	2,157,991.70	1,411,317.00	746,674.70	52.9
Interest Expense	(2,705,306.02)	(2,774,772.00)	69,465.98	2.5
Other	-	-	-	N/A
<b>Total nonoperating revenues (expenses)</b>	<b>(469,975.02)</b>	<b>(1,163,455.00)</b>	<b>693,479.98</b>	<b>59.6</b>
Transfers In	-	-	-	N/A
Transfers Out <sup>(4)</sup>	(5,331,676.15)	-	(5,331,676.15)	N/A
<b>Net income (loss)</b>	<b>\$ 26,536,679.55</b>	<b>\$ 22,081,119.00</b>	<b>\$ 4,455,560.55</b>	<b>20.2</b>

<sup>1</sup>Actual amounts are accounted for on the accrual basis of accounting in an enterprise fund. Budget amounts are accounted for on a modified accrual basis of accounting.

<sup>2</sup>Miscellaneous expenses include: Bond Insurance Costs, Bank Service Charge, Transponder Materials.

<sup>3</sup>Depreciation and amortization are not budgeted items.

<sup>4</sup>Transfers Out: For M2 Project I and Project J expense reimbursements.

## Capital Asset Activity

During the nine months ending March 31, 2023, capital asset activities included payments of \$835,718 attributed to the Electronic Toll and Traffic Management system project and \$297,339 attributed to the back-office system implementation project.



# OPERATIONS OVERVIEW

## RIVERSIDE COUNTY

### TRANSPORTATION COMMITTEE

#### (RCTC)

#### TRAFFIC AND REVENUE STATISTICS FOR RCTC

Total traffic volume on the 91 EL for March 2023 was 1,448,513. This represents a daily average of 46,726 vehicles. This is a one percent increase in total traffic volume from the same period last year which totaled 1,434,558. Potential toll revenue for March was \$6,102,946 which represents an increase of 9.5 percent from the prior year's total of \$5,574,910. Carpool percentage for March was 22.3 percent as compared to the previous year's rate of 21.2 percent.

MTD traffic and revenue data is summarized in the table below. The following trip and revenue statistics tables represent all trips taken on the RCTC 91 EL and associated potential revenue for the month of March 2023.

#### Current MTD as of March 31, 2023

Trips	MAR-23 MTD Actual	Stantec MTD Projected	# Variance	% Variance	MAR-22 MTD Actual	Yr-to-Yr % Variance
Full Toll Lanes	1,126,110	958,000	168,110	17.5%	1,130,326	(0.4%)
3+ Lanes	322,403	353,714	(31,311)	(8.9%)	304,232	6.0%
Total Gross Trips	1,448,513	1,311,714	136,799	10.4%	1,434,558	1.0%
<b>Revenue</b>						
Full Toll Lanes	\$6,049,623	\$4,594,429	\$1,455,195	31.7%	\$5,529,578	9.4%
3+ Lanes	\$53,322	\$0	\$53,322		\$45,331	17.6%
Total Gross Revenue	\$6,102,946	\$4,594,429	\$1,508,517	32.8%	\$5,574,910	9.5%
<b>Average Revenue per Trip</b>						
Average Full Toll Lanes	\$5.37	\$4.80	\$0.57	11.9%	\$4.89	9.8%
Average 3+ Lanes	\$0.17	\$0.00	\$0.17		\$0.15	13.3%
Average Gross Revenue	\$4.21	\$3.50	\$0.71	20.3%	\$3.89	8.2%



The 2023 fiscal YTD traffic volume decreased by 3.1 percent, and potential toll revenue increased by 4.5 percent when compared with the same period the prior year. YTD average revenue per trip is \$4.04.

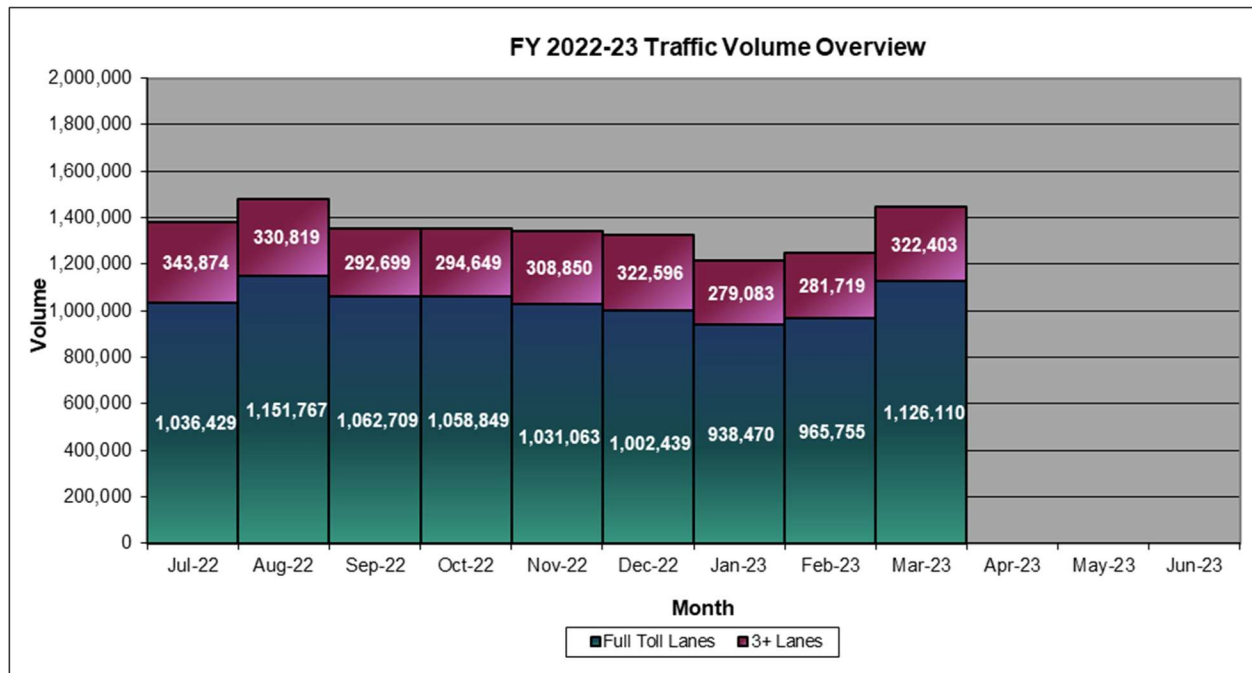
Fiscal YTD traffic and revenue data are summarized in the table below. The following trip and revenue statistics tables represent all trips taken on the RCTC 91 EL and associated potential revenue for the months of July 2022 through March 2023.

#### FY 2022-23 YTD as of March 31, 2023

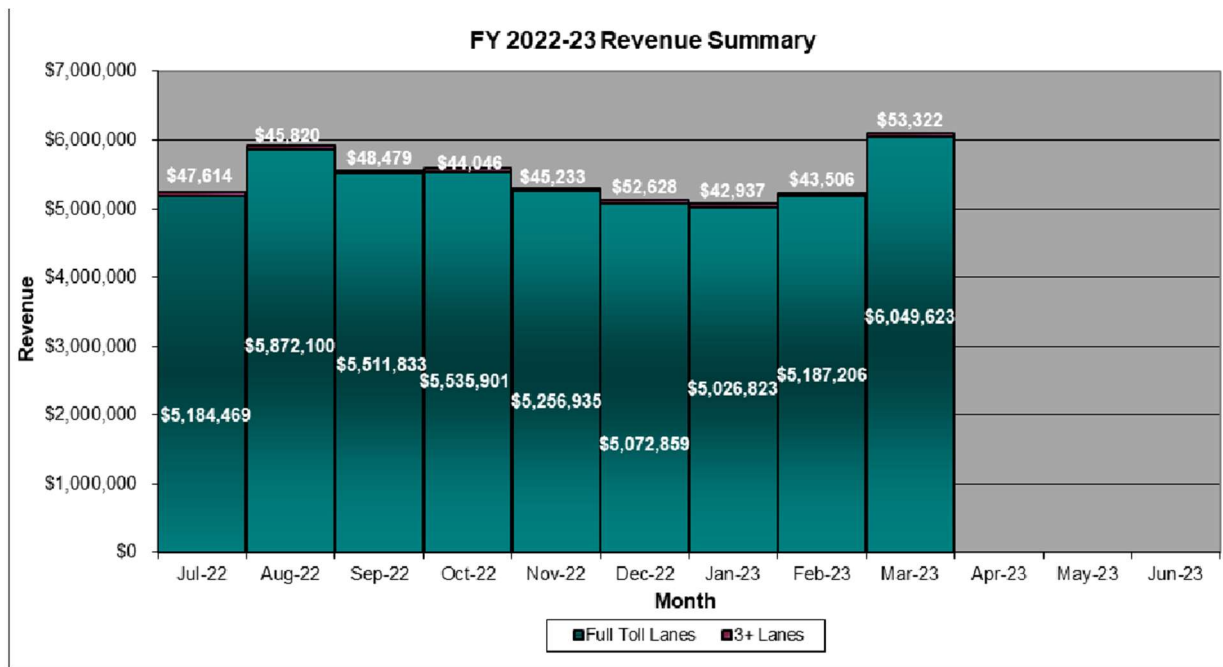
<b>Trips</b>	<b>FY 2022-23 YTD Actual (7/2022-3/2023)</b>	<b>Stantec YTD Projected</b>	<b># Variance</b>	<b>% Variance</b>	<b>FY 2021-22 YTD Actual (7/2021-3/2022)</b>	<b>Yr-to-Yr % Variance</b>
Full Toll Lanes	9,373,591	8,162,600	1,210,991	14.8%	9,845,857	(4.8%)
3+ Lanes	2,776,692	2,969,286	(192,594)	(6.5%)	2,689,818	3.2%
Total Gross Trips	12,150,283	11,131,886	1,018,397	9.1%	12,535,675	(3.1%)
<b>Revenue</b>						
Full Toll Lanes	\$48,697,748	\$38,997,514	\$9,700,234	24.9%	\$46,624,847	4.4%
3+ Lanes	\$423,587	\$0	\$423,587		\$368,297	15.0%
Total Gross Revenue	\$49,121,335	\$38,997,514	\$10,123,821	26.0%	\$46,993,144	4.5%
<b>Average Revenue per Trip</b>						
Average Full Toll Lanes	\$5.20	\$4.78	\$0.42	8.8%	\$4.74	9.7%
Average 3+ Lanes	\$0.15	\$0.00	\$0.15		\$0.14	7.1%
Average Gross Revenue	\$4.04	\$3.50	\$0.54	15.4%	\$3.75	7.7%

## RCTC Traffic and Revenue Summary

The chart below reflects the total trips broken down between full toll lanes and HOV3+ lanes for FY 2022-23 on a monthly basis.



The chart below reflects the gross potential revenue breakdown between full toll lanes and HOV3+ lanes for FY 2022-23 on a monthly basis.



## RCTC PEAK-HOUR VOLUMES

In March no toll rates were adjusted. RCTC evaluates traffic volumes for peak-period hours and adjusts rates according to the toll rate policy.

## RCTC EASTBOUND PEAK-HOUR VOLUMES

Eastbound PM Peak - County Line to McKinley

PM Time	Monday 02/27/23					Tuesday 02/28/23					Wednesday 03/01/23					Thursday 03/02/23					Friday 03/03/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500											\$10.65	224	1066	1,290	E	\$13.85	210	1,044	1,254	E	\$27.90	281	1,046	1,327	F
1500 - 1600											\$13.40	209	751	960	C	\$17.30	262	946	1,208	E	\$27.60	267	962	1,229	E
1600 - 1700											\$5.65	204	929	1,133	D	\$8.05	211	1,064	1,275	E	\$16.25	225	855	1,080	D
1700 - 1800											\$5.65	217	891	1,108	D	\$5.65	219	944	1,163	D	\$7.35	206	592	798	B
1800 - 1900											\$5.65	212	654	866	C	\$5.65	226	870	1,096	D	\$5.65	218	639	857	C
1900 - 2000											\$4.45	184	496	680	B	\$5.65	272	900	1,172	D	\$4.45	327	870	1,197	D

PM Time	Monday 03/06/23					Tuesday 03/07/23					Wednesday 03/08/23					Thursday 03/09/23					Friday 03/10/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$7.35	205	952	1,157	D	\$7.35	197	1,037	1,234	E	\$10.65	229	1,005	1,234	E	\$13.85	227	1,173	1,400	F	\$27.90	231	906	1,137	D
1500 - 1600	\$8.05	240	983	1,223	E	\$10.20	231	902	1,133	D	\$13.40	264	954	1,218	E	\$17.30	272	942	1,214	E	\$27.60	308	813	1,121	D
1600 - 1700	\$5.65	220	994	1,214	E	\$5.65	203	1,061	1,264	E	\$5.65	219	978	1,197	D	\$8.05	215	1,116	1,331	F	\$16.25	263	841	1,104	D
1700 - 1800	\$5.65	204	943	1,147	D	\$5.65	172	730	902	C	\$5.65	101	566	667	B	\$5.65	246	1,041	1,287	E	\$7.35	271	838	1,109	D
1800 - 1900	\$5.65	274	834	1,108	D	\$5.65	246	876	1,122	D	\$5.65	335	1,064	1,399	F	\$5.65	291	950	1,241	E	\$5.65	288	906	1,194	D
1900 - 2000	\$2.40	199	481	680	B	\$4.45	316	823	1,139	D	\$4.45	284	807	1,091	D	\$5.65	308	928	1,236	E	\$4.45	249	685	934	C

PM Time	Monday 03/13/23					Tuesday 03/14/23					Wednesday 03/15/23					Thursday 03/16/23					Friday 03/17/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$7.35	202	1,056	1,258	E	\$7.35	206	929	1,135	D	\$10.65	173	914	1,087	D	\$13.85	246	1,091	1,337	F	\$27.90	265	1,042	1,307	F
1500 - 1600	\$8.05	253	968	1,221	E	\$10.20	228	818	1,046	D	\$13.40	184	840	1,024	D	\$17.30	267	1,027	1,294	E	\$27.60	321	1,015	1,336	F
1600 - 1700	\$5.65	195	1,021	1,216	E	\$5.65	216	864	1,080	D	\$5.65	217	899	1,116	D	\$8.05	287	1,096	1,383	F	\$16.25	304	1,012	1,316	F
1700 - 1800	\$5.65	220	940	1,160	D	\$5.65	225	851	1,076	D	\$5.65	211	807	1,018	D	\$5.65	247	1,037	1,284	E	\$7.35	268	1,039	1,307	F
1800 - 1900	\$5.65	278	924	1,202	E	\$5.65	243	839	1,082	D	\$5.65	198	695	893	C	\$5.65	287	984	1,271	E	\$5.65	290	982	1,272	E
1900 - 2000	\$2.40	174	529	703	B	\$4.45	249	684	933	C	\$4.45	154	370	524	B	\$5.65	262	753	1,015	D	\$4.45	247	683	930	C

PM Time	Monday 03/20/23					Tuesday 03/21/23					Wednesday 03/22/23					Thursday 03/23/23					Friday 03/24/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$7.35	194	790	984	C	\$7.35	190	714	904	C	\$10.65	220	880	1,100	D	\$13.85	248	1,077	1,325	F	\$27.90	359	1,186	1,545	F
1500 - 1600	\$8.05	282	987	1,269	E	\$10.20	233	705	938	C	\$13.40	253	878	1,131	D	\$17.30	289	975	1,264	E	\$27.60	347	1,120	1,467	F
1600 - 1700	\$5.65	231	1,003	1,234	E	\$5.65	203	788	991	C	\$5.65	215	957	1,172	D	\$8.05	279	1,053	1,332	F	\$16.25	398	959	1,357	F
1700 - 1800	\$5.65	254	847	1,101	D	\$5.65	184	697	881	C	\$5.65	232	843	1,075	D	\$5.65	231	1,052	1,283	E	\$7.35	359	1,032	1,391	F
1800 - 1900	\$5.65	214	548	762	B	\$5.65	254	732	986	C	\$5.65	263	832	1,095	D	\$5.65	322	965	1,287	E	\$5.65	378	1,009	1,387	F
1900 - 2000	\$2.40	179	372	551	B	\$4.45	158	452	610	B	\$4.45	184	491	675	B	\$5.65	336	898	1,234	E	\$4.45	139	503	642	B

PM Time	Monday 03/27/23					Tuesday 03/28/23					Wednesday 03/29/23					Thursday 03/30/23					Friday 03/31/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$7.35	207	891	1,098	D	\$7.35	254	1,008	1,262	E	\$10.65	196	769	965	C	\$13.85	253	1,103	1,356	F	\$27.90	286	1,102	1,388	F
1500 - 1600	\$8.05	243	977	1,220	E	\$10.20	173	594	767	B	\$13.40	229	906	1,135	D	\$17.30	280	890	1,170	D	\$27.60	334	1,093	1,427	F
1600 - 1700	\$5.65	239	997	1,236	E	\$5.65	284	1,204	1,488	F	\$5.65	201	875	1,076	D	\$8.05	237	989	1,226	E	\$16.25	271	1,067	1,338	F
1700 - 1800	\$5.65	245	985	1,230	E	\$5.65	239	1,000	1,239	E	\$5.65	214	831	1,045	D	\$5.65	212	871	1,083	D	\$7.35	300	1,015	1,315	F
1800 - 1900	\$5.65	265	803	1,068	D	\$5.65	234	834	1,068	D	\$5.65	191	599	790	B	\$5.65	257	847	1,104	D	\$5.65	347	1,014	1,361	F
1900 - 2000	\$2.40	209	510	719	B	\$4.45	252	754	1,006	D	\$4.45	175	416	591	B	\$5.65	199	471	670	B	\$4.45	309	700	1,009	D

**Eastbound PM Peak - County Line to 15 SB Ontario**

PM Time	Monday 02/27/23					Tuesday 02/28/23					Wednesday 03/01/23					Thursday 03/02/23					Friday 03/03/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500											\$5.65	128	777	905	C	\$5.65	118	827	945	C	\$5.65	103	700	803	C
1500 - 1600											\$5.65	117	600	717	B	\$5.65	130	716	846	C	\$5.65	112	618	730	B
1600 - 1700											\$5.65	114	653	767	B	\$5.65	115	671	786	B	\$3.15	132	513	645	B
1700 - 1800											\$3.15	135	660	795	B	\$3.15	118	600	718	B	\$3.15	107	419	526	B
1800 - 1900											\$3.15	140	478	618	B	\$3.15	156	567	723	B	\$3.15	115	395	510	B
1900 - 2000											\$3.15	125	395	520	B	\$3.15	164	617	781	B	\$3.15	165	539	704	B

PM Time	Monday 03/06/23					Tuesday 03/07/23					Wednesday 03/08/23					Thursday 03/09/23					Friday 03/10/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$5.65	116	730	846	C	\$5.65	124	753	877	C	\$5.65	114	723	837	C	\$5.65	127	772	899	C	\$5.65	124	588	712	B
1500 - 1600	\$5.65	162	685	847	C	\$5.65	142	623	765	B	\$5.65	150	681	831	C	\$5.65	131	635	766	B	\$5.65	145	518	663	B
1600 - 1700	\$3.15	115	608	723	B	\$5.65	97	653	750	B	\$5.65	121	619	740	B	\$5.65	126	601	727	B	\$3.15	128	492	620	B
1700 - 1800	\$3.15	132	608	740	B	\$3.15	94	445	539	B	\$3.15	64	332	396	A	\$3.15	127	623	750	B	\$3.15	148	466	614	B
1800 - 1900	\$3.15	165	547	712	B	\$3.15	157	651	808	C	\$3.15	189	789	978	C	\$3.15	154	570	724	B	\$3.15	164	558	722	B
1900 - 2000	\$3.15	110	352	462	B	\$3.15	195	702	897	C	\$3.15	207	671	878	C	\$3.15	191	694	885	C	\$3.15	162	442	604	B

PM Time	Monday 03/13/23					Tuesday 03/14/23					Wednesday 03/15/23					Thursday 03/16/23					Friday 03/17/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$5.65	111	686	797	B	\$5.65	140	710	850	C	\$5.65	99	669	768	B	\$5.65	115	681	796	B	\$5.65	119	682	801	C
1500 - 1600	\$5.65	121	692	813	C	\$5.65	132	638	770	B	\$5.65	92	685	777	B	\$5.65	139	638	777	B	\$5.65	121	657	778	B
1600 - 1700	\$3.15	126	570	696	B	\$5.65	125	581	706	B	\$5.65	113	635	748	B	\$5.65	134	630	764	B	\$3.15	126	636	762	B
1700 - 1800	\$3.15	123	596	719	B	\$3.15	127	532	659	B	\$3.15	118	626	744	B	\$3.15	143	583	726	B	\$3.15	116	586	702	B
1800 - 1900	\$3.15	146	573	719	B	\$3.15	155	536	691	B	\$3.15	128	535	663	B	\$3.15	130	574	704	B	\$3.15	152	610	762	B
1900 - 2000	\$3.15	126	396	522	B	\$3.15	158	505	663	B	\$3.15	116	324	440	B	\$3.15	180	650	830	C	\$3.15	161	493	654	B

PM Time	Monday 03/20/23					Tuesday 03/21/23					Wednesday 03/22/23					Thursday 03/23/23					Friday 03/24/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$5.65	112	625	737	B	\$5.65	90	577	667	B	\$5.65	109	650	759	B	\$5.65	124	769	893	C	\$5.65	138	711	849	C
1500 - 1600	\$5.65	135	732	867	C	\$5.65	126	566	692	B	\$5.65	131	714	845	C	\$5.65	123	704	827	C	\$5.65	145	710	855	C
1600 - 1700	\$3.15	138	656	794	B	\$5.65	114	558	672	B	\$5.65	137	620	757	B	\$5.65	145	608	753	B	\$3.15	153	577	730	B
1700 - 1800	\$3.15	147	625	772	B	\$3.15	127	507	634	B	\$3.15	138	586	724	B	\$3.15	107	604	711	B	\$3.15	147	610	757	B
1800 - 1900	\$3.15	123	374	497	B	\$3.15	155	532	687	B	\$3.15	141	633	774	B	\$3.15	149	615	764	B	\$3.15	183	557	740	B
1900 - 2000	\$3.15	103	332	435	B	\$3.15	78	329	407	B	\$3.15	100	379	479	B	\$3.15	181	602	783	B	\$3.15	62	276	338	A

PM Time	Monday 03/27/23					Tuesday 03/28/23					Wednesday 03/29/23					Thursday 03/30/23					Friday 03/31/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$5.65	140	709	849	C	\$5.65	119	718	837	C	\$5.65	118	618	736	B	\$5.65	143	747	890	C	\$5.65	154	654	808	C
1500 - 1600	\$5.65	139	684	823	C	\$5.65	92	419	511	B	\$5.65	133	716	849	C	\$5.65	140	676	816	C	\$5.65	140	685	825	C
1600 - 1700	\$3.15	135	588	723	B	\$5.65	157	779	936	C	\$5.65	109	623	732	B	\$5.65	139	589	728	B	\$3.15	131	620	751	B
1700 - 1800	\$3.15	112	609	721	B	\$3.15	131	579	710	B	\$3.15	121	597	718	B	\$3.15	108	552	660	B	\$3.15	157	602	759	B
1800 - 1900	\$3.15	147	589	736	B	\$3.15	137	560	697	B	\$3.15	125	496	621	B	\$3.15	153	558	711	B	\$3.15	167	579	746	B
1900 - 2000	\$3.15	120	380	500	B	\$3.15	139	636	775	B	\$3.15	120	359	479	B	\$3.15	122	387	509	B	\$3.15	164	443	607	B

## RCTC WESTBOUND PEAK-HOUR VOLUMES

Westbound AM Peak - McKinley to County Line

AM Time	Monday 02/27/23					Tuesday 02/28/23					Wednesday 03/01/23					Thursday 03/02/23					Friday 03/03/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500											\$2.40	177	351	528	B	\$2.40	220	378	598	B	\$2.40	198	328	526	B
0500 - 0600											\$11.65	412	840	1,252	E	\$9.85	404	932	1,336	E	\$5.65	304	786	1,090	D
0600 - 0700											\$19.05	390	1,171	1,561	F	\$18.00	418	1,208	1,626	F	\$10.90	377	1,147	1,524	F
0700 - 0800											\$16.35	350	1,129	1,479	F	\$15.30	371	1,233	1,604	F	\$8.35	346	975	1,321	E
0800 - 0900											\$10.10	188	954	1,142	D	\$9.05	189	1,023	1,212	E	\$5.65	140	813	953	C
0900 - 1000											\$5.65	129	804	933	C	\$5.65	191	1,134	1,325	E	\$4.45	197	847	1,044	D

AM Time	Monday 03/06/23					Tuesday 03/07/23					Wednesday 03/08/23					Thursday 03/09/23					Friday 03/10/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$2.40	196	382	578	B	\$2.40	210	385	595	B	\$2.40	215	371	586	B	\$2.40	230	428	658	B	\$2.40	175	320	495	B
0500 - 0600	\$11.65	374	934	1,308	E	\$11.65	431	1,000	1,431	F	\$11.65	436	1,004	1,440	F	\$9.85	439	1,031	1,470	F	\$5.65	317	716	1,033	D
0600 - 0700	\$19.45	408	1,219	1,627	F	\$19.05	439	1,264	1,703	F	\$19.05	420	1,257	1,677	F	\$18.00	422	1,290	1,712	F	\$10.90	304	842	1,146	D
0700 - 0800	\$15.60	303	835	1,138	D	\$16.35	414	1,278	1,692	F	\$16.35	422	1,339	1,761	F	\$15.30	389	1,255	1,644	F	\$8.35	307	888	1,195	D
0800 - 0900	\$8.35	270	1,328	1,598	F	\$10.10	232	1,378	1,610	F	\$10.10	198	1,295	1,493	F	\$9.05	214	1,181	1,395	F	\$5.65	196	861	1,057	D
0900 - 1000	\$5.65	230	1,368	1,598	F	\$5.65	164	1,176	1,340	E	\$5.65	178	1,065	1,243	E	\$5.65	173	1,133	1,306	E	\$4.45	157	813	970	C

AM Time	Monday 03/13/23					Tuesday 03/14/23					Wednesday 03/15/23					Thursday 03/16/23					Friday 03/17/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$2.40	207	407	614	B	\$2.40	190	346	536	B	\$2.40	183	348	531	B	\$2.40	232	400	632	B	\$2.40	182	304	486	B
0500 - 0600	\$11.65	413	1,035	1,448	F	\$11.65	418	843	1,261	E	\$11.65	345	715	1,060	D	\$9.85	448	1,018	1,466	F	\$5.65	368	867	1,235	E
0600 - 0700	\$19.45	434	1,107	1,541	F	\$19.05	382	1,018	1,400	F	\$19.05	371	1,032	1,403	F	\$18.00	431	1,201	1,632	F	\$10.90	391	983	1,374	F
0700 - 0800	\$15.60	385	1,265	1,650	F	\$16.35	317	1,080	1,397	F	\$16.35	373	1,092	1,465	F	\$15.30	394	1,303	1,697	F	\$8.35	360	973	1,333	E
0800 - 0900	\$8.35	199	1,163	1,362	F	\$10.10	171	802	973	C	\$10.10	196	1,146	1,342	E	\$9.05	255	1,367	1,622	F	\$5.65	151	867	1,018	D
0900 - 1000	\$5.65	149	841	990	C	\$5.65	126	830	956	C	\$5.65	166	949	1,115	D	\$5.65	197	1,171	1,368	F	\$4.45	172	835	1,007	D

AM Time	Monday 03/20/23					Tuesday 03/21/23					Wednesday 03/22/23					Thursday 03/23/23					Friday 03/24/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$2.40	220	376	596	B	\$2.40	205	439	644	B	\$2.40	208	375	583	B	\$2.40	230	382	612	B	\$2.40	178	325	503	B
0500 - 0600	\$11.65	425	1,020	1,445	F	\$11.65	385	908	1,293	E	\$11.65	383	834	1,217	E	\$9.85	404	1,027	1,431	F	\$5.65	358	799	1,157	D
0600 - 0700	\$19.45	434	1,077	1,511	F	\$19.05	367	939	1,306	E	\$19.05	380	980	1,360	F	\$18.00	426	1,192	1,618	F	\$10.90	358	974	1,332	E
0700 - 0800	\$15.60	451	1,152	1,603	F	\$16.35	376	983	1,359	F	\$16.35	343	1,082	1,425	F	\$15.30	402	1,204	1,606	F	\$8.35	308	953	1,261	E
0800 - 0900	\$8.35	227	1,218	1,445	F	\$10.10	273	1,250	1,523	F	\$10.10	204	1,020	1,224	E	\$9.05	311	1,358	1,669	F	\$5.65	201	904	1,105	D
0900 - 1000	\$5.65	214	912	1,126	D	\$5.65	264	1,251	1,515	F	\$5.65	174	782	956	C	\$5.65	245	1,218	1,463	F	\$4.45	232	785	1,017	D

AM Time	Monday 03/27/23					Tuesday 03/28/23					Wednesday 03/29/23					Thursday 03/30/23					Friday 03/31/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$2.40	204	402	606	B	\$2.40	225	411	636	B	\$2.40	199	376	575	B	\$2.40	216	396	612	B	\$2.40	178	342	520	B
0500 - 0600	\$11.65	389	988	1,377	F	\$11.65	434	1,014	1,448	F	\$11.65	381	843	1,224	E	\$9.85	406	842	1,248	E	\$5.65	333	789	1,122	D
0600 - 0700	\$19.45	439	1,211	1,650	F	\$19.05	422	1,238	1,660	F	\$19.05	358	957	1,315	E	\$18.00	378	1,014	1,392	F	\$10.90	328	989	1,317	E
0700 - 0800	\$15.60	378	1,154	1,532	F	\$16.35	408	1,324	1,732	F	\$16.35	336	902	1,238	E	\$15.30	369	1,110	1,479	F	\$8.35	312	938	1,250	E
0800 - 0900	\$8.35	228	955	1,183	D	\$10.10	257	1,229	1,486	F	\$10.10	236	1,042	1,278	E	\$9.05	241	1,038	1,279	E	\$5.65	197	815	1,012	D
0900 - 1000	\$5.65	188	835	1,023	D	\$5.65	225	1,138	1,363	F	\$5.65	202	1,014	1,216	E	\$5.65	192	952	1,144	D	\$4.45	211	736	947	C

**Westbound AM Peak - I-15 North to County Line**

AM Time	Monday 02/27/23					Tuesday 02/28/23					Wednesday 03/01/23					Thursday 03/02/23					Friday 03/03/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500											\$3.15	176	434	610	B	\$3.15	183	430	613	B	\$3.15	141	363	504	B
0500 - 0600											\$9.40	268	837	1,105	D	\$9.40	265	920	1,185	D	\$7.30	233	837	1,070	D
0600 - 0700											\$10.85	267	1,064	1,331	E	\$10.85	275	1,224	1,499	F	\$7.30	234	961	1,195	D
0700 - 0800											\$10.50	206	1,117	1,323	E	\$9.40	245	1,264	1,509	F	\$7.30	183	883	1,066	D
0800 - 0900											\$7.30	104	971	1,075	D	\$7.30	134	1,167	1,301	E	\$5.65	121	853	974	C
0900 - 1000											\$5.65	90	766	856	C	\$5.65	125	1,115	1,240	E	\$5.65	126	753	879	C

AM Time	Monday 03/06/23					Tuesday 03/07/23					Wednesday 03/08/23					Thursday 03/09/23					Friday 03/10/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$3.15	175	467	642	B	\$3.15	189	443	632	B	\$3.15	187	457	644	B	\$3.15	160	440	600	B	\$3.15	142	406	548	B
0500 - 0600	\$9.40	263	921	1,184	D	\$9.40	290	970	1,260	E	\$9.40	270	1,003	1,273	E	\$9.40	269	1,007	1,276	E	\$7.30	195	695	890	C
0600 - 0700	\$10.50	281	1,173	1,454	F	\$10.85	304	1,237	1,541	F	\$10.85	301	1,201	1,502	F	\$10.85	286	1,151	1,437	F	\$7.30	217	864	1,081	D
0700 - 0800	\$9.40	211	1,152	1,363	E	\$9.40	248	1,192	1,440	F	\$10.50	248	1,210	1,458	F	\$9.40	235	1,121	1,356	E	\$7.30	151	840	991	C
0800 - 0900	\$7.30	161	1,116	1,277	E	\$7.30	181	1,100	1,281	E	\$7.30	136	1,118	1,254	E	\$7.30	145	1,104	1,249	E	\$5.65	145	800	945	C
0900 - 1000	\$5.65	134	937	1,071	D	\$5.65	101	996	1,097	D	\$5.65	136	911	1,047	D	\$5.65	151	1,023	1,174	D	\$5.65	131	712	843	C

AM Time	Monday 03/13/23					Tuesday 03/14/23					Wednesday 03/15/23					Thursday 03/16/23					Friday 03/17/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$3.15	168	437	605	B	\$3.15	182	417	599	B	\$3.15	188	364	552	B	\$3.15	173	419	592	B	\$3.15	132	376	508	B
0500 - 0600	\$9.40	260	898	1,158	D	\$9.40	263	915	1,178	D	\$9.40	260	830	1,090	D	\$9.40	278	930	1,208	E	\$7.30	215	785	1,000	C
0600 - 0700	\$10.50	303	1,019	1,322	E	\$10.85	311	1,062	1,373	E	\$10.85	269	1,004	1,273	E	\$10.85	304	1,117	1,421	F	\$7.30	252	900	1,152	D
0700 - 0800	\$9.40	197	1,018	1,215	E	\$9.40	206	1,055	1,261	E	\$10.50	227	1,054	1,281	E	\$9.40	235	1,187	1,422	F	\$7.30	171	893	1,064	D
0800 - 0900	\$7.30	118	1,022	1,140	D	\$7.30	146	1,108	1,254	E	\$7.30	153	1,036	1,189	D	\$7.30	153	1,124	1,277	E	\$5.65	114	840	954	C
0900 - 1000	\$5.65	113	740	853	C	\$5.65	97	770	867	C	\$5.65	128	869	997	C	\$5.65	119	924	1,043	D	\$5.65	130	703	833	C

AM Time	Monday 03/20/23					Tuesday 03/21/23					Wednesday 03/22/23					Thursday 03/23/23					Friday 03/24/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$3.15	175	440	615	B	\$3.15	177	424	601	B	\$3.15	190	437	627	B	\$3.15	190	419	609	B	\$3.15	138	356	494	B
0500 - 0600	\$9.40	274	922	1,196	D	\$9.40	276	919	1,195	D	\$9.40	250	853	1,103	D	\$9.40	298	966	1,264	E	\$7.30	218	809	1,027	D
0600 - 0700	\$10.50	288	1,083	1,371	E	\$10.85	263	903	1,166	D	\$10.85	228	1,063	1,291	E	\$10.85	294	1,148	1,442	F	\$7.30	238	903	1,141	D
0700 - 0800	\$9.40	229	1,054	1,283	E	\$9.40	205	788	993	C	\$10.50	222	985	1,207	E	\$9.40	241	1,202	1,443	F	\$7.30	158	888	1,046	D
0800 - 0900	\$7.30	118	1,044	1,162	D	\$7.30	150	1,016	1,166	D	\$7.30	149	1,013	1,162	D	\$7.30	173	1,232	1,405	F	\$5.65	108	839	947	C
0900 - 1000	\$5.65	97	734	831	C	\$5.65	113	855	968	C	\$5.65	97	802	899	C	\$5.65	141	924	1,065	D	\$5.65	138	765	903	C

AM Time	Monday 03/27/23					Tuesday 03/28/23					Wednesday 03/29/23					Thursday 03/30/23					Friday 03/31/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$3.15	174	436	610	B	\$3.15	188	447	635	B	\$3.15	189	431	620	B	\$3.15	185	445	630	B	\$3.15	132	353	485	B
0500 - 0600	\$9.40	251	959	1,210	E	\$9.40	285	1,014	1,299	E	\$9.40	268	875	1,143	D	\$9.40	262	808	1,070	D	\$7.30	209	746	955	C
0600 - 0700	\$10.50	287	1,078	1,365	E	\$10.85	294	1,242	1,536	F	\$10.85	274	992	1,266	E	\$10.85	302	1,117	1,419	F	\$7.30	256	886	1,142	D
0700 - 0800	\$9.40	203	1,033	1,236	E	\$9.40	217	1,122	1,339	E	\$10.50	201	953	1,154	D	\$9.40	225	1,007	1,232	E	\$7.30	164	789	953	C
0800 - 0900	\$7.30	144	967	1,111	D	\$7.30	141	1,100	1,241	E	\$7.30	177	942	1,119	D	\$7.30	149	991	1,140	D	\$5.65	134	801	935	C
0900 - 1000	\$5.65	138	878	1,016	D	\$5.65	158	966	1,124	D	\$5.65	130	811	941	C	\$5.65	127	838	965	C	\$5.65	135	712	847	C

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## RCTC OPERATIONAL HIGHLIGHTS

### **On-Road Operations**

RCTC Freeway Service Patrol responded to 69 calls during the month of March. Of those calls, 58 were to assist disabled vehicles, five calls to remove debris, and six were in response to accidents that affected the 91 EL.

# FINANCIAL HIGHLIGHTS RCTC

## RCTC 91 Express Lanes Operating Statement

Description	YTD as of : <b>3/31/2023</b>		YTD Variance	
	Actual <sup>1</sup>	Budget	Dollar \$	Percent (%)
<b>Operating revenues:</b>				
Toll Revenue	\$ 45,504,827.42	\$ 43,174,500.00	\$ 2,330,327.42	5.4
Fee Revenue	4,240,523.79	4,859,100.00	(618,576.21)	(12.7)
<b>Total operating revenues</b>	<b>49,745,351.21</b>	<b>48,033,600.00</b>	<b>1,711,751.21</b>	<b>3.6</b>
<b>Operating expenses:</b>				
Salaries and Benefits	558,553.94	604,125.00	45,571.06	7.5
Legal Services	28,795.80	94,950.00	66,154.20	69.7
Advisory Services	32,885.88	57,000.00	24,114.12	42.3
Audit and Accounting Fees	31,096.00	28,125.00	(2,971.00)	(10.6)
Service Fees	4,735.12	9,750.00	5,014.88	51.4
Other Professional Services	402,445.87	933,750.00	531,304.13	56.9
Lease Expense	193,240.41	250,275.00	57,034.59	22.8
Operations	1,849,430.51	3,489,000.00	1,639,569.49	47.0
Utilities	34,507.83	54,450.00	19,942.17	36.6
Supplies and Materials	4,911.08	7,950.00	3,038.92	38.2
Membership and Subscription Fees	29,076.29	21,225.00	(7,851.29)	(37.0)
Office Equipment & Furniture (Non-Capital)	-	60,000.00	60,000.00	100.0
Maintenance/Repairs	184,509.46	330,000.00	145,490.54	44.1
Training Seminars and Conferences	611.25	6,000.00	5,388.75	89.8
Transportation Expenses	469.97	2,175.00	1,705.03	78.4
Lodging	1,784.93	1,875.00	90.07	4.8
Meals	232.48	2,250.00	2,017.52	89.7
Other Staff Expenses	75.13	375.00	299.87	80.0
Advertising	-	112,500.00	112,500.00	100.0
Program Management	49,217.12	39,300.00	(9,917.12)	(25.2)
Program Operations	1,380,965.39	6,254,025.00	4,873,059.61	77.9
Litigation Settlement	-	-	-	N/A
Furniture & Equipment	4,160.23	56,250.00	52,089.77	92.6
Improvements	-	30,000.00	30,000.00	100.0
Bad Debt Expense	601.65	-	(601.65)	N/A
<b>Total operating expenses</b>	<b>4,792,306.34</b>	<b>12,445,350.00</b>	<b>7,653,043.66</b>	<b>61.5</b>
<b>Operating income (loss)</b>	<b>44,953,044.87</b>	<b>35,588,250.00</b>	<b>9,364,794.87</b>	<b>26.3</b>
<b>Nonoperating revenues (expenses):</b>				
Interest Revenue	2,292,105.60	84,150.00	2,207,955.60	(2,623.8)
Other Miscellaneous Revenue	42,543.79	-	42,543.79	N/A
Loss on Refunding	-	-	-	N/A
Principal Expense	-	-	-	N/A
Interest Expense	(18,451,244.48)	(16,650,750.00)	(1,800,494.48)	10.8
<b>Total nonoperating revenues (expenses)</b>	<b>(16,116,595.09)</b>	<b>(16,566,600.00)</b>	<b>450,004.91</b>	<b>2.7</b>
Transfers In	42.90	-	42.90	N/A
Transfers Out	(598,700.00)	(933,525.00)	334,825.00	(35.9)
<b>Net income (loss)</b>	<b>\$ 28,237,792.68</b>	<b>\$ 18,088,125.00</b>	<b>\$ 10,149,667.68</b>	<b>56.1</b>

<sup>1</sup> Unaudited



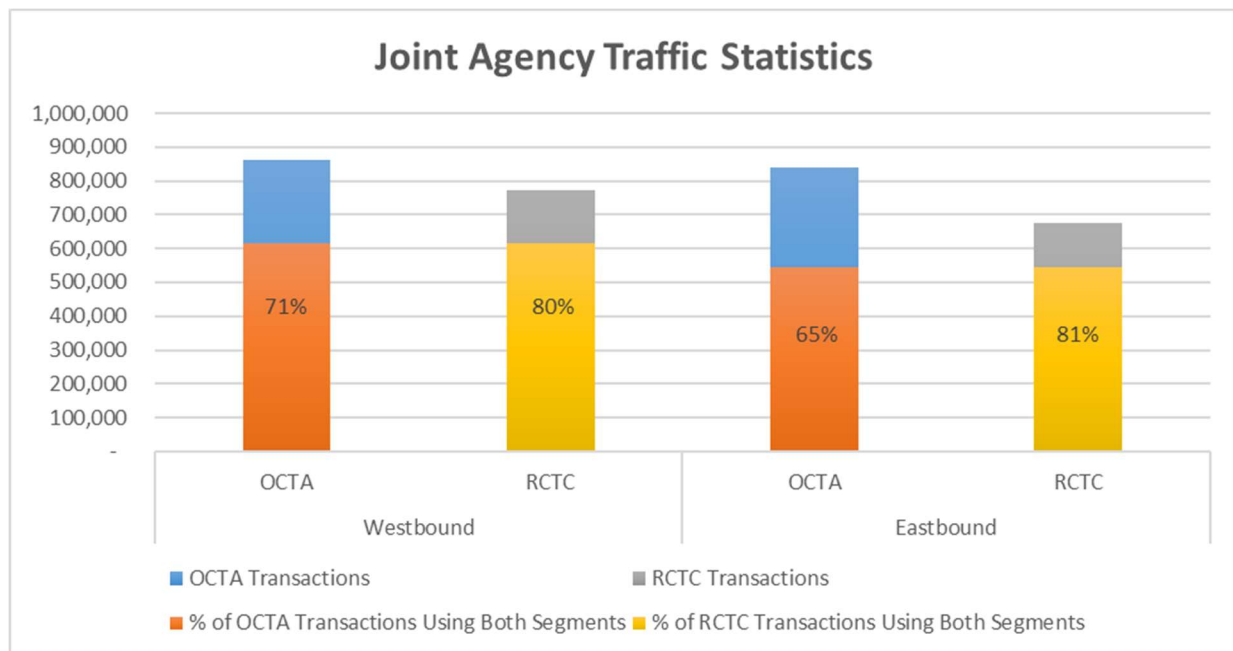
## JOINT AGENCY TRIP AND REVENUE STATISTICS

### MULTI AGENCY TRIP AND REVENUE STATISTICS

MONTH ENDING March 31, 2023

MTD	Transactions by Agency	Transactions Using Both Segments	% Using Both Segments	Revenue
<b>Westbound</b>				
OCTA	863,544	617,210	71%	\$2,489,503.00
RCTC	772,958	617,210	80%	\$3,475,372.80
<b>Eastbound</b>				
OCTA	839,717	546,134	65%	\$2,997,028.15
RCTC	675,555	546,134	81%	\$2,627,573.05

## JOINT AGENCY TRAFFIC STATISTICS



## JOINT AGENCY PERFORMANCE MEASURES

REPORTING REQUIREMENT	REPORTING PERIOD	PERFORMANCE STANDARD	MARCH 2023 PERFORMANCE
<b>Customer Service</b>			
Service Level /Speed of Answer	Monthly	80% answered within 60 seconds	86.66% answered within 60 seconds
Abandon Percentage	Monthly	4 % <	1%
Customer Satisfaction Score	Monthly	4.5 =>	4.92
First Contact Resolution	Monthly	85% of calls resolved on the first contact	95%
<b>Timeliness of Case Resolution</b>	Monthly	90% of cases resolved in one (1) business day	99%
	Monthly	98% of cases resolved within five (5) business days	100%
<b>Mail Performance</b>			
Processing Returned Mail	Monthly	Per business day in which 90% of returned mail is processed within three (3) business days	100%
	Monthly	Per Business Day in which 100% of returned mail is processed within five (5) Business Days	100%
Research and resolve unidentified Payments	Monthly	100% of all unidentified payments are completely and accurately resolved within five (5) business days	100%
Payment Processing	Monthly	Per business day in which 100% of payments are processed within two (2) business days	100%
<b>Accounting</b>			
Customer Refunds Processed	Monthly	Per Business Day in which 100% of all refunds are completely and accurately issued within five (5) Business Days	100%

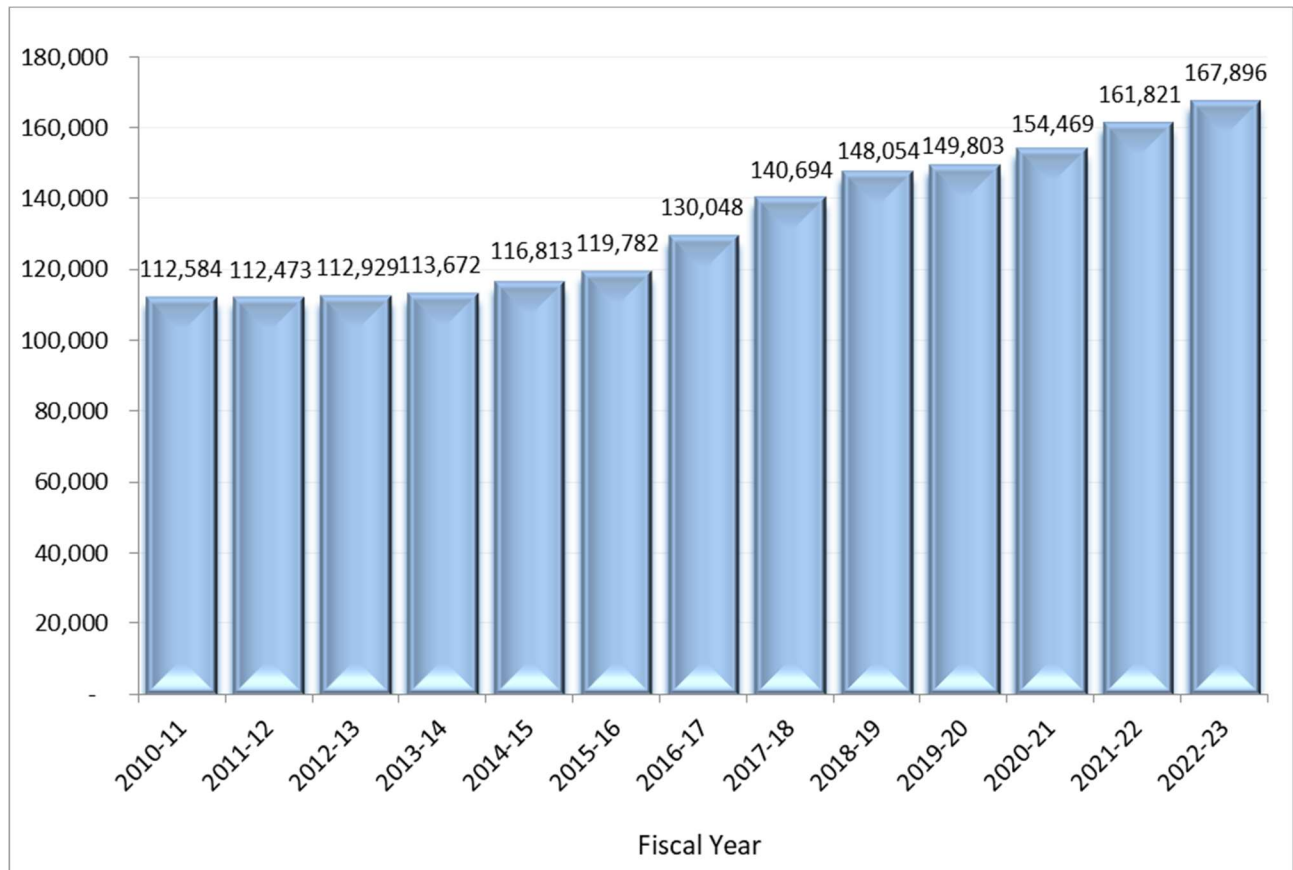
## JOINT AGENCY TRANSPONDER DISTRIBUTION

6C TRANSPONDER DISTRIBUTION	March-23		February-23		FY 2022-23	
	Tags	% of Total	Tags	% of Total	Average To-Date	
Issued						
To New Accounts	1,761	21.2%	1,516	20.9%	363	11.0%
Additional Tags to Existing Accounts	6,558	78.8%	5,734	79.1%	2,930	88.9%
Replacement Transponders	1	0.0%	0	0.0%	3	0.1%
Total Issued	8,320		7,250		3,296	

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At the end of March 2023, the 91 EL had 167,896 active customer accounts and 658,173 transponders classified as assigned.

**Number of Accounts by FY**  
**As of March 31, 2023**







**Orange County Transportation Authority  
Riverside County Transportation Commission**



Status Report  
April 2023

As of April 30, 2023

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# OPERATIONS OVERVIEW OCTA

## TRAFFIC AND REVENUE STATISTICS FOR OCTA

Total traffic volume on the 91 Express Lanes (91 EL) for April 2023 was 1,754,336. This represents a daily average of 58,478 vehicles. This is a 2.9 percent increase in total traffic volume from the same period last year, which totaled 1,704,360. Potential toll revenue for April was \$5,409,331, which represents an increase of 3.4 percent from the prior year's total of \$5,229,916. Carpool percentage for April was 24.5 percent as compared to the previous year's rate of 23.5 percent.

Month-to-date (MTD) traffic and revenue data is summarized in the table below. The following trip and revenue statistics tables represent all trips taken on the Orange County Transportation Authority (OCTA) 91 EL and associated potential revenue for the month of April 2023.

### Current MTD as of April 30, 2023

	APR-23 MTD Actual	APR-22 MTD Actual	Yr-to-Yr % Variance
<b>Trips</b>			
Full Toll Lanes	1,324,562	1,304,675	1.5%
3+ Lanes	429,774	399,685	7.5%
Total Gross Trips	1,754,336	1,704,360	2.9%
<b>Revenue</b>			
Full Toll Lanes	\$5,352,241	\$5,173,225	3.5%
3+ Lanes	\$57,090	\$56,691	0.7%
Total Gross Revenue	\$5,409,331	\$5,229,916	3.4%
<b>Average Revenue per Trip</b>			
Average Full Toll Lanes	\$4.04	\$3.97	1.8%
Average 3+ Lanes	\$0.13	\$0.14	(7.1%)
Average Gross Revenue	\$3.08	\$3.07	0.3%

The 2023 fiscal year-to-date (YTD) traffic volume decreased by 1.5 percent, and potential toll revenue increased by one percent when compared with the same period the prior year. YTD average revenue per trip is \$3.17.

Fiscal YTD traffic and revenue data are summarized in the table below. The following trip and revenue statistics tables represent all trips taken on the OCTA 91 EL and associated potential revenue for the months of July 2022 through April 2023.

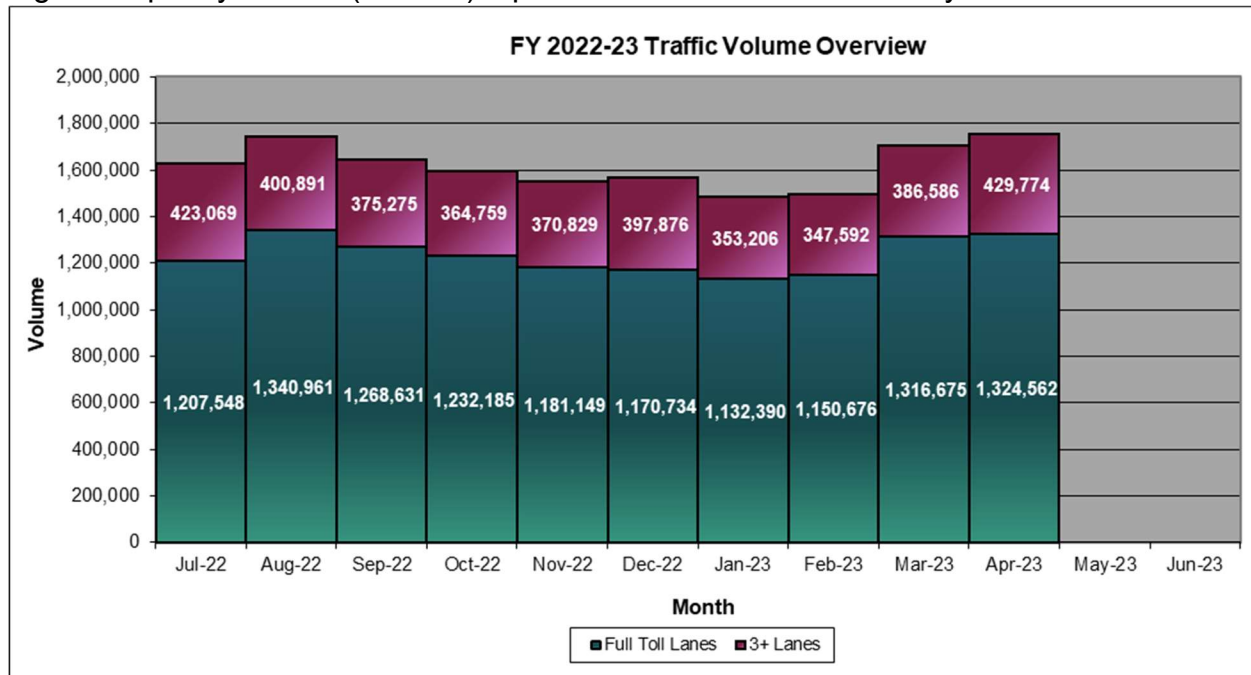
**Fiscal Year (FY) 2022-23 YTD as of April 30, 2023**

<b>Trips</b>	<b>FY 2022-23 YTD Actual (7/2022-4/2023)</b>	<b>FY 2021-22 YTD Actual (7/2021-4/2022)</b>	<b>Yr-to-Yr % Variance</b>
Full Toll Lanes	12,325,511	12,653,013	(2.6%)
3+ Lanes	3,849,857	3,774,298	2.0%
Total Gross Trips	16,175,368	16,427,311	(1.5%)
<b>Revenue</b>			
Full Toll Lanes	\$50,665,889	\$50,231,106	0.9%
3+ Lanes	\$605,916	\$526,063	15.2%
Total Gross Revenue	\$51,271,805	\$50,757,170	1.0%
<b>Average Revenue per Trip</b>			
Average Full Toll Lanes	\$4.11	\$3.97	3.5%
Average 3+ Lanes	\$0.16	\$0.14	14.3%
Average Gross Revenue	\$3.17	\$3.09	2.6%

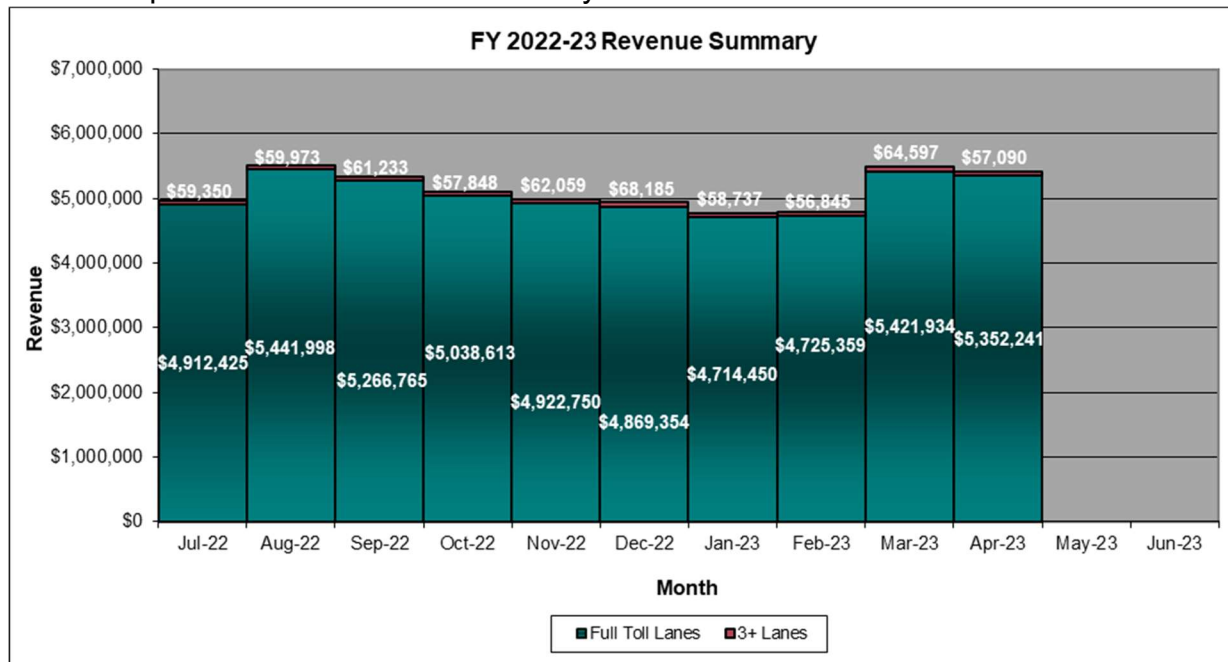


## OCTA Traffic and Revenue Summary

The chart below reflects the total trips breakdown between full toll trips and high-occupancy vehicle (HOV3+) trips for FY 2022-23 on a monthly basis.



The chart below reflects the gross potential revenue breakdown between full toll trips and HOV3+ trips for FY 2022-23 on a monthly basis.



## OCTA PEAK-HOUR VOLUMES

Peak-hour traffic in the eastbound and westbound directions reached or exceeded 90 percent of defined capacity 24 times during the month of April 2023. As demonstrated on the next chart, westbound peak-hour traffic volumes top out at 94 percent of defined capacity.

## OCTA EASTBOUND PEAK-HOUR VOLUMES

### EASTBOUND WEEKDAY PEAK VOLUME:

PM Time	Monday 04/03/23				Tuesday 04/04/23				Wednesday 04/05/23				Thursday 04/06/23				Friday 04/07/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500	\$5.30	452	2,784	82%	\$5.30	450	2,844	84%	\$5.30	471	2,968	87%	\$7.70	445	2,844	84%	\$8.60	548	2,879	85%
1500 - 1600	\$5.65	520	2,966	87%	\$5.75	513	2,873	85%	\$7.45	460	2,592	76%	\$7.45	513	2,911	86%	\$8.15	613	3,026	89%
1600 - 1700	<b>\$5.10</b>	<b>502</b>	<b>3,086</b>	<b>91%</b>	\$5.25	475	2,838	83%	<b>\$6.50</b>	<b>482</b>	<b>3,116</b>	<b>92%</b>	\$7.00	517	2,880	85%	\$6.95	538	2,722	80%
1700 - 1800	<b>\$4.95</b>	<b>517</b>	<b>3,052</b>	<b>90%</b>	\$4.90	455	2,802	82%	\$5.40	507	2,970	87%	\$6.70	524	2,879	85%	\$6.95	565	2,734	80%
1800 - 1900	\$5.65	513	2,457	72%	\$4.05	555	2,828	83%	\$4.05	560	2,838	83%	\$4.50	472	2,488	73%	\$6.95	515	1,888	56%
1900 - 2000	\$3.95	395	1,464	43%	\$3.95	622	2,384	70%	\$3.95	631	2,624	77%	\$5.75	711	2,914	86%	\$6.45	565	1,691	50%

PM Time	Monday 04/10/23				Tuesday 04/11/23				Wednesday 04/12/23				Thursday 04/13/23				Friday 04/14/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500	\$5.30	429	2,309	68%	\$5.30	484	2,955	87%	<b>\$5.30</b>	<b>488</b>	<b>3,090</b>	<b>91%</b>	\$7.70	463	2,947	87%	\$8.60	491	2,923	86%
1500 - 1600	\$5.65	451	2,790	82%	\$5.75	483	2,858	84%	\$7.45	480	2,906	85%	\$7.45	499	2,990	88%	\$8.15	530	2,953	87%
1600 - 1700	\$5.10	452	2,800	82%	\$5.25	416	2,824	83%	\$6.50	455	2,877	85%	<b>\$7.00</b>	<b>481</b>	<b>3,052</b>	<b>90%</b>	\$6.95	495	2,748	81%
1700 - 1800	\$4.95	452	2,830	83%	\$4.90	429	2,922	86%	\$5.40	457	2,839	84%	\$6.70	454	2,971	87%	\$6.95	502	2,853	84%
1800 - 1900	\$5.65	579	2,729	80%	<b>\$4.05</b>	<b>594</b>	<b>3,110</b>	<b>91%</b>	\$4.05	528	2,728	80%	\$4.50	524	2,778	82%	\$6.95	626	2,693	79%
1900 - 2000	\$3.95	501	1,970	58%	\$3.95	570	2,456	72%	\$3.95	644	2,717	80%	\$5.75	611	2,625	77%	\$6.45	553	1,986	58%

PM Time	Monday 04/17/23				Tuesday 04/18/23				Wednesday 04/19/23				Thursday 04/20/23				Friday 04/21/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500	\$5.30	463	2,908	86%	<b>\$5.30</b>	<b>483</b>	<b>3,081</b>	<b>91%</b>	\$5.30	447	2,937	86%	\$7.70	446	2,981	88%	\$8.60	480	2,911	86%
1500 - 1600	\$5.65	490	3,004	88%	\$5.75	480	3,035	89%	<b>\$7.45</b>	<b>493</b>	<b>3,170</b>	<b>93%</b>	\$7.45	489	2,855	84%	\$8.15	547	2,884	85%
1600 - 1700	\$5.10	471	2,939	86%	<b>\$5.25</b>	<b>439</b>	<b>3,091</b>	<b>91%</b>	<b>\$6.50</b>	<b>480</b>	<b>3,047</b>	<b>90%</b>	\$7.00	393	2,444	72%	\$6.95	531	2,831	83%
1700 - 1800	\$4.95	501	2,977	88%	\$4.90	488	2,891	85%	\$5.40	452	2,940	86%	\$6.70	526	3,004	88%	\$6.95	507	2,846	84%
1800 - 1900	\$5.65	579	2,857	84%	\$4.05	580	2,924	86%	\$4.05	540	2,951	87%	\$4.50	526	2,924	86%	\$6.95	671	2,844	84%
1900 - 2000	\$3.95	466	1,602	47%	\$3.95	519	2,171	64%	\$3.95	646	2,718	80%	\$5.75	618	2,720	80%	\$6.45	585	2,043	60%

PM Time	Monday 04/24/23				Tuesday 04/25/23				Wednesday 04/26/23				Thursday 04/27/23				Friday 04/28/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500	\$5.30	417	2,733	80%	\$5.30	414	2,906	85%	<b>\$5.30</b>	<b>481</b>	<b>3,067</b>	<b>90%</b>	<b>\$7.70</b>	<b>472</b>	<b>3,062</b>	<b>90%</b>	\$8.60	495	2,822	83%
1500 - 1600	\$5.65	507	3,026	89%	\$5.75	500	2,882	85%	\$7.45	479	2,861	84%	<b>\$7.45</b>	<b>486</b>	<b>3,061</b>	<b>90%</b>	\$8.15	541	2,929	86%
1600 - 1700	\$5.10	432	2,826	83%	\$5.25	438	2,922	86%	\$6.50	419	2,794	82%	\$7.00	454	2,921	86%	\$6.95	508	2,907	86%
1700 - 1800	\$4.95	489	2,937	86%	\$4.90	461	2,971	87%	\$5.40	455	2,945	87%	\$6.70	501	2,850	84%	\$6.95	512	2,902	85%
1800 - 1900	\$5.65	575	2,858	84%	<b>\$4.05</b>	<b>602</b>	<b>3,084</b>	<b>91%</b>	\$4.05	527	2,847	84%	\$4.50	571	2,931	86%	\$6.95	636	2,680	79%
1900 - 2000	\$3.95	362	1,516	45%	\$3.95	524	2,251	66%	\$3.95	594	2,549	75%	\$5.75	663	2,793	82%	\$6.45	551	1,941	57%

## OCTA WESTBOUND PEAK-HOUR VOLUMES

### WESTBOUND WEEKDAY PEAK VOLUME:

AM Time	Monday 04/03/23				Tuesday 04/04/23				Wednesday 04/05/23				Thursday 04/06/23				Friday 04/07/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500	\$3.15	409	1,128	33%	\$3.15	411	1,134	33%	\$3.15	421	1,147	34%	\$3.15	415	1,112	33%	\$3.25	299	808	24%
0500 - 0600	\$5.10	707	2,574	76%	\$5.10	804	2,594	76%	\$5.10	782	2,576	76%	\$5.10	767	2,605	77%	\$5.00	602	2,095	62%
0600 - 0700	\$5.30	594	2,815	83%	\$5.30	610	3,107	91%	\$5.30	653	3,097	91%	\$5.30	640	2,976	88%	\$5.25	521	2,329	69%
0700 - 0800	\$5.80	606	2,873	85%	\$5.80	572	2,918	86%	\$5.80	567	2,973	87%	\$5.80	563	2,831	83%	\$5.80	448	1,986	58%
0800 - 0900	\$5.30	348	2,475	73%	\$5.30	372	2,635	78%	\$5.30	331	2,498	73%	\$5.30	370	2,347	69%	\$5.25	341	1,784	52%
0900 - 1000	\$4.20	371	2,213	65%	\$4.20	364	2,309	68%	\$4.20	421	2,373	70%	\$4.20	434	2,287	67%	\$4.35	400	1,955	58%

AM Time	Monday 04/10/23				Tuesday 04/11/23				Wednesday 04/12/23				Thursday 04/13/23				Friday 04/14/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500	\$3.15	410	1,139	34%	\$3.15	430	1,192	35%	\$3.15	445	1,204	35%	\$3.15	427	1,193	35%	\$3.25	338	969	29%
0500 - 0600	\$5.10	698	2,566	75%	\$5.10	797	2,825	83%	\$5.10	814	2,697	79%	\$5.10	781	2,612	77%	\$5.00	723	2,450	72%
0600 - 0700	\$5.30	595	2,895	85%	\$5.30	695	3,123	92%	\$5.30	640	3,007	88%	\$5.30	586	2,907	86%	\$5.25	641	2,729	80%
0700 - 0800	\$5.80	579	2,779	82%	\$5.80	534	2,862	84%	\$5.80	590	2,903	85%	\$5.80	575	2,845	84%	\$5.80	491	2,326	68%
0800 - 0900	\$5.30	401	2,546	75%	\$5.30	350	2,864	84%	\$5.30	345	2,634	77%	\$5.30	381	2,796	82%	\$5.25	331	2,113	62%
0900 - 1000	\$4.20	423	2,470	73%	\$4.20	376	2,535	75%	\$4.20	366	2,443	72%	\$4.20	406	2,719	80%	\$4.35	365	1,990	59%

AM Time	Monday 04/17/23				Tuesday 04/18/23				Wednesday 04/19/23				Thursday 04/20/23				Friday 04/21/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500	\$3.15	417	1,213	36%	\$3.15	430	1,214	36%	\$3.15	455	1,203	35%	\$3.15	390	1,020	30%	\$3.25	376	1,015	30%
0500 - 0600	\$5.10	801	2,859	84%	\$5.10	811	2,791	82%	\$5.10	820	2,759	81%	\$5.10	857	2,888	85%	\$5.00	702	2,461	72%
0600 - 0700	\$5.30	680	3,065	90%	\$5.30	629	3,100	91%	\$5.30	679	3,115	92%	\$5.30	645	3,136	92%	\$5.25	628	2,722	80%
0700 - 0800	\$5.80	698	2,920	86%	\$5.80	644	3,090	91%	\$5.80	668	2,997	88%	\$5.80	721	3,003	88%	\$5.80	573	2,418	71%
0800 - 0900	\$5.30	410	2,910	86%	\$5.30	372	2,908	86%	\$5.30	367	2,817	83%	\$5.30	392	2,768	81%	\$5.25	341	2,156	63%
0900 - 1000	\$4.20	399	2,750	81%	\$4.20	336	2,631	77%	\$4.20	392	2,575	76%	\$4.20	351	2,608	77%	\$4.35	354	2,084	61%

AM Time	Monday 04/24/23				Tuesday 04/25/23				Wednesday 04/26/23				Thursday 04/27/23				Friday 04/28/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500	\$3.15	445	1,255	37%	\$3.15	428	1,229	36%	\$3.15	458	1,218	36%	\$3.15	439	1,183	35%	\$3.25	373	1,036	30%
0500 - 0600	\$5.10	741	2,746	81%	\$5.10	849	2,813	83%	\$5.10	775	2,463	72%	\$5.10	821	2,750	81%	\$5.00	704	2,436	72%
0600 - 0700	\$5.30	676	3,185	94%	\$5.30	681	3,062	90%	\$5.30	620	2,805	83%	\$5.30	658	3,012	89%	\$5.25	625	2,777	82%
0700 - 0800	\$5.80	653	2,771	82%	\$5.80	615	2,442	72%	\$5.80	681	2,839	84%	\$5.80	636	2,960	87%	\$5.80	503	2,546	75%
0800 - 0900	\$5.30	391	2,916	86%	\$5.30	421	2,805	83%	\$5.30	447	2,925	86%	\$5.30	378	2,593	76%	\$5.25	295	2,169	64%
0900 - 1000	\$4.20	399	2,689	79%	\$4.20	401	2,909	86%	\$4.20	386	2,752	81%	\$4.20	334	2,616	77%	\$4.35	328	2,195	65%

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## OCTA OPERATIONAL HIGHLIGHTS

### **On-Road Operations**

OCTA Freeway Service Patrol responded to 59 calls during the month of April. Of those calls, 18 were to assist disabled vehicles, two were to remove debris, 22 were to tow vehicles, and 17 were to aid motorists in the 91 EL.

# FINANCIAL HIGHLIGHTS OCTA

## 91 Express Lanes Operating Statement

Description	YTD as of : <b>4/30/2023</b>		YTD Variance	
	Actual <sup>(1)</sup>	Budget <sup>(1)</sup>	Dollar \$	Percent (%)
<b>Operating revenues:</b>				
Toll Revenue	\$ 46,886,772	\$ 42,281,660	\$ 4,605,112	10.9
Fee Revenue	\$ 5,719,432	\$ 3,220,840	\$ 2,498,592	77.6
<b>Total operating revenues</b>	<b>\$ 52,606,204</b>	<b>\$ 45,502,500</b>	<b>\$ 7,103,704</b>	<b>15.6</b>
<b>Operating expenses:</b>				
Contracted Services	\$ 3,652,151	\$ 6,348,689	\$ 2,696,538	42.5
Administrative Fee	\$ 2,477,814	\$ 2,992,910	\$ 515,096	17.2
Other Professional Services	\$ 1,231,529	\$ 3,631,265	\$ 2,399,736	66.1
Credit Card Processing Fees	\$ 1,247,002	\$ 1,104,170	\$ (142,832)	(12.9)
Toll Road Account Servicing	\$ 117,095	\$ 733,330	\$ 616,235	84.0
Other Insurance Expense	\$ 466,830	\$ 783,330	\$ 316,500	40.4
Toll Road Maintenance Supply Repairs	\$ 564,021	\$ 337,500	\$ (226,521)	(67.1)
Patrol Services	\$ 821,223	\$ 916,670	\$ 95,447	10.4
Building Equipment Repairs and Maint	\$ 541,256	\$ 727,910	\$ 186,654	25.6
6C Transponders	\$ -	\$ 62,500	\$ 62,500	100.0
Other Services	\$ -	\$ 652,500	\$ 652,500	100.0
Utilities	\$ 79,460	\$ 37,500	\$ (41,960)	(111.9)
Office Expense	\$ (88,381)	\$ 650,420	\$ 738,801	113.6
Bad Debt Expense	\$ 631	\$ -	\$ (631)	N/A
Miscellaneous <sup>(2)</sup>	\$ 49,270	\$ 127,630	\$ 78,360	61.4
Leases	\$ 402,898	\$ 445,830	\$ 42,932	9.6
<b>Total operating expenses</b>	<b>\$ 11,563,415</b>	<b>\$ 19,552,154</b>	<b>\$ 7,988,739</b>	<b>40.9</b>
Depreciation and Amortization <sup>(3)</sup>	\$ 3,735,595	\$ -	\$ (3,735,595)	N/A
<b>Operating income (loss)</b>	<b>\$ 37,307,195</b>	<b>\$ 25,950,346</b>	<b>\$ 11,356,849</b>	<b>43.8</b>
<b>Nonoperating revenues (expenses):</b>				
Reimbursement from Other Agencies	\$ 94,962	\$ 225,000	\$ (130,038)	(57.8)
Interest Income	\$ 2,471,141	\$ 1,568,130	\$ 903,011	57.6
Interest Expense	\$ (3,000,968)	\$ (3,083,080)	\$ 82,112	2.7
Other	\$ 1,000	\$ -	\$ 1,000	N/A
<b>Total nonoperating revenues (expenses)</b>	<b>\$ (433,865)</b>	<b>\$ (1,289,950)</b>	<b>\$ 856,085</b>	<b>66.4</b>
Transfers In	\$ -	\$ -	\$ -	N/A
Transfers Out <sup>(4)</sup>	\$ (6,380,351)	\$ -	\$ (6,380,351)	N/A
<b>Net income (loss)</b>	<b>\$ 30,492,979</b>	<b>\$ 24,660,396</b>	<b>\$ 5,832,583</b>	<b>23.7</b>

<sup>1</sup>Actual amounts are accounted for on the accrual basis of accounting in an enterprise fund. Budget amounts are accounted for on a modified accrual basis of accounting.

<sup>2</sup>Miscellaneous expenses include: Bond Insurance Costs, Bank Service Charge, Transponder Materials.

<sup>3</sup>Depreciation and amortization are not budgeted items.

<sup>4</sup>Transfers Out: For M2 Project I and Project J expense reimbursements.

## Capital Asset Activity

During the ten months ending April 30, 2023, capital asset activities included payments of \$835,718 attributed to the Electronic Toll and Traffic Management system project and \$297,339 attributed to the back-office system implementation project.



# OPERATIONS OVERVIEW RCTC

## TRAFFIC AND REVENUE STATISTICS FOR RCTC

Total traffic volume on the 91 EL for April 2023 was 1,518,081. This represents a daily average of 50,603 vehicles. This is a 6.2 percent increase in total traffic volume from the same period last year which totaled 1,428,830. Potential toll revenue for April was \$6,168,435 which represents an increase of 13.2 percent from the prior year's total of \$5,448,783. Carpool percentage for April was 23.6 percent as compared to the previous year's rate of 22.3 percent.

MTD traffic and revenue data is summarized in the table below. The following trip and revenue statistics tables represent all trips taken on the Riverside County Transportation Commission (RCTC) 91 EL and associated potential revenue for the month of April 2023.

### Current MTD as of April 30, 2023

Trips	APR-23 MTD Actual	Stantec MTD Projected	# Variance	% Variance	APR-22 MTD Actual	Yr-to-Yr % Variance
Full Toll Lanes	1,159,308	955,571	203,737	21.3%	1,110,498	4.4%
3+ Lanes	358,773	351,429	7,344	2.1%	318,332	12.7%
Total Gross Trips	1,518,081	1,307,000	211,081	16.2%	1,428,830	6.2%
<b>Revenue</b>						
Full Toll Lanes	\$6,122,221	\$4,568,571	\$1,553,650	34.0%	\$5,408,117	13.2%
3+ Lanes	\$46,214	\$0	\$46,214		\$40,666	13.6%
Total Gross Revenue	\$6,168,435	\$4,568,571	\$1,599,864	35.0%	\$5,448,783	13.2%
<b>Average Revenue per Trip</b>						
Average Full Toll Lanes	\$5.28	\$4.78	\$0.50	10.5%	\$4.87	8.4%
Average 3+ Lanes	\$0.13	\$0.00	\$0.13		\$0.13	0.0%
Average Gross Revenue	\$4.06	\$3.50	\$0.56	16.0%	\$3.81	6.6%

The 2023 fiscal YTD traffic volume decreased by 2.1 percent, and potential toll revenue increased by 5.4 percent when compared with the same period the prior year. YTD average revenue per trip is \$4.05.

Fiscal YTD traffic and revenue data are summarized in the table below. The following trip and revenue statistics tables represent all trips taken on the RCTC 91 EL and associated potential revenue for the months of July 2022 through April 2023.

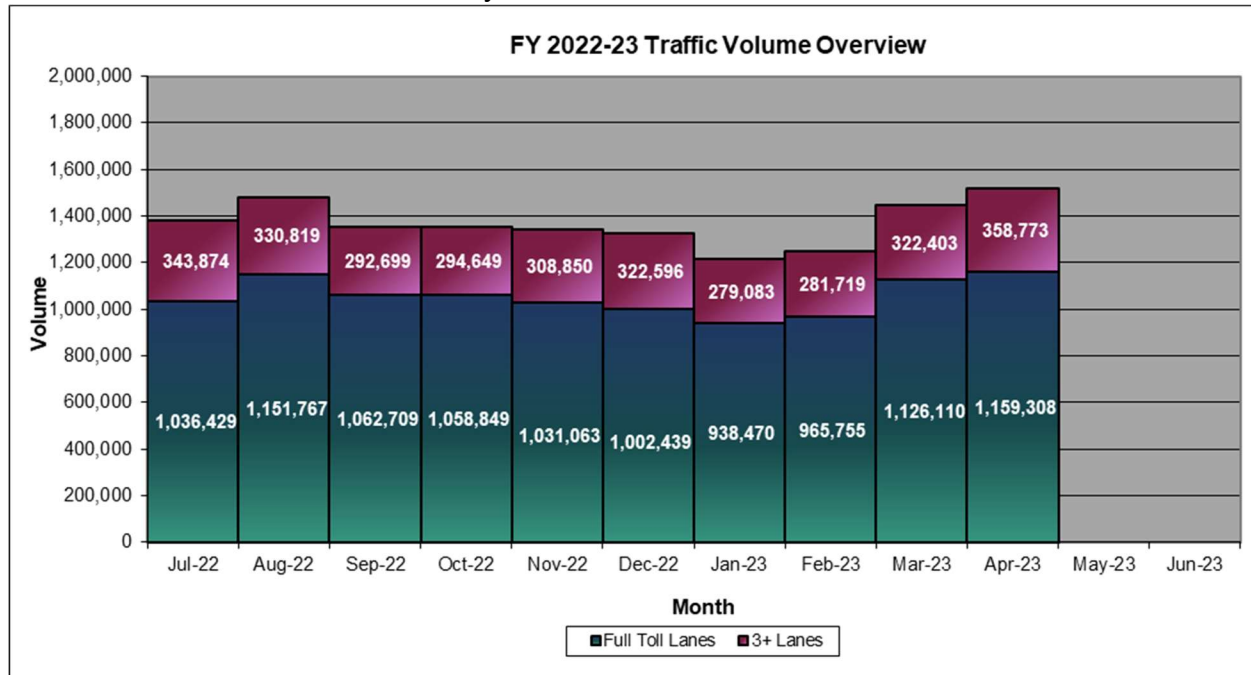
#### FY 2022-23 YTD as of April 30, 2023

Trips	FY 2022-23 YTD Actual (7/2022-4/2023)	Stantec YTD Projected	# Variance	% Variance	FY 2021-22 YTD Actual (7/2021-4/2022)	Yr-to-Yr % Variance
Full Toll Lanes	10,532,899	9,118,171	1,414,728	15.5%	10,956,355	(3.9%)
3+ Lanes	3,135,465	3,320,714	(185,249)	(5.6%)	3,008,150	4.2%
Total Gross Trips	13,668,364	12,438,885	1,229,479	9.9%	13,964,505	(2.1%)
<b>Revenue</b>						
Full Toll Lanes	\$54,819,969	\$43,566,086	\$11,253,884	25.8%	\$52,032,964	5.4%
3+ Lanes	\$469,800	\$0	\$469,800		\$408,963	14.9%
Total Gross Revenue	\$55,289,770	\$43,566,086	\$11,723,684	26.9%	\$52,441,927	5.4%
<b>Average Revenue per Trip</b>						
Average Full Toll Lanes	\$5.20	\$4.78	\$0.42	8.8%	\$4.75	9.5%
Average 3+ Lanes	\$0.15	\$0.00	\$0.15		\$0.14	7.1%
Average Gross Revenue	\$4.05	\$3.50	\$0.55	15.7%	\$3.76	7.7%

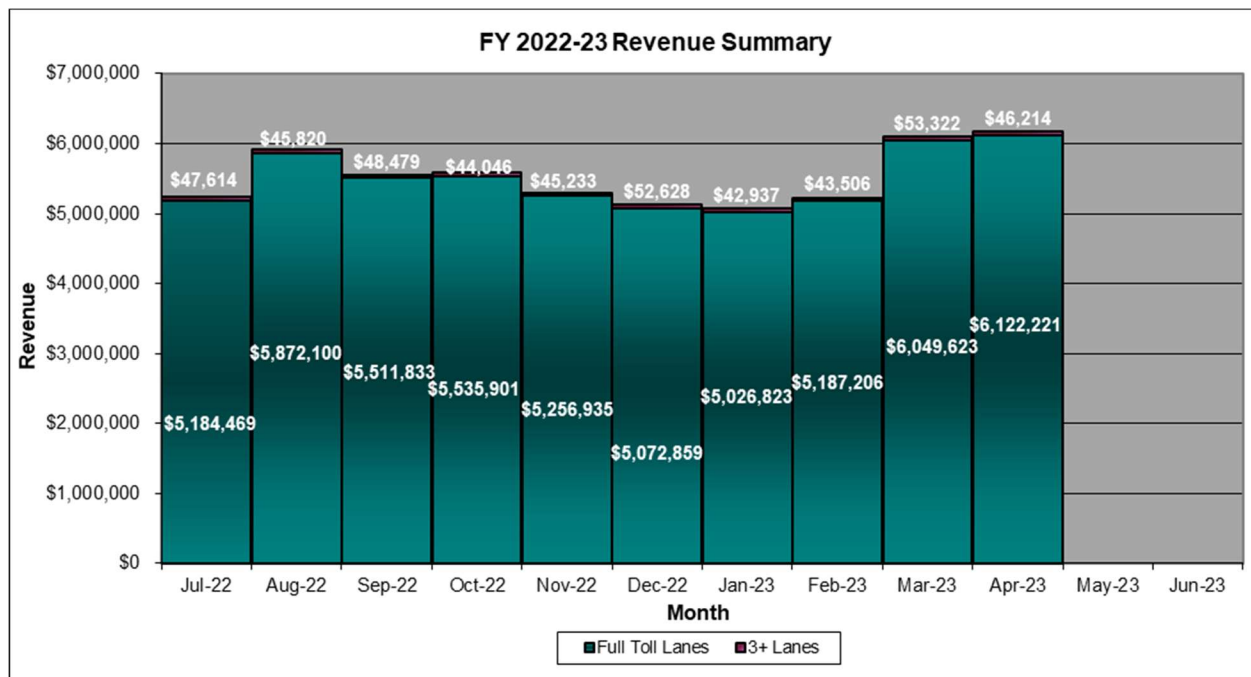


## RCTC Traffic and Revenue Summary

The chart below reflects the total trips broken down between full toll lanes and HOV3+ lanes for FY 2022-23 on a monthly basis.



The chart below reflects the gross potential revenue breakdown between full toll lanes and HOV3+ lanes for FY 2022-23 on a monthly basis.





## RCTC PEAK-HOUR VOLUMES

In April, several toll rates were adjusted. RCTC evaluates traffic volumes for peak-period hours and adjusts rates according to the toll rate policy.

## RCTC EASTBOUND PEAK-HOUR VOLUMES

Eastbound PM Peak - County Line to McKinley

PM Time	Monday 04/03/23					Tuesday 04/04/23					Wednesday 04/05/23					Thursday 04/06/23					Friday 04/07/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$7.35	211	971	1,182	D	\$7.35	204	1069	1,273	E	\$10.65	254	1080	1,334	F	\$13.85	254	1,189	1,443	F	\$27.90	304	1,002	1,306	F
1500 - 1600	\$8.05	253	1044	1,297	E	\$10.20	270	927	1,197	D	\$13.40	239	966	1,205	E	\$17.30	315	1,082	1,397	F	\$27.60	355	1,048	1,403	F
1600 - 1700	\$5.65	224	1018	1,242	E	\$5.65	233	983	1,216	E	\$5.65	278	1071	1,349	F	\$8.05	278	1,089	1,367	F	\$16.25	250	950	1,200	D
1700 - 1800	\$5.65	224	910	1,134	D	\$5.65	201	916	1,117	D	\$5.65	242	994	1,236	E	\$5.65	279	996	1,275	E	\$7.35	265	942	1,207	E
1800 - 1900	\$5.65	221	798	1,019	D	\$5.65	267	916	1,183	D	\$5.65	254	926	1,180	D	\$5.65	219	883	1,102	D	\$5.65	216	576	792	B
1900 - 2000	\$2.40	156	431	587	B	\$4.45	274	784	1,058	D	\$4.45	293	894	1,187	D	\$5.65	324	996	1,320	F	\$4.45	255	532	787	B

PM Time	Monday 04/10/23					Tuesday 04/11/23					Wednesday 04/12/23					Thursday 04/13/23					Friday 04/14/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$7.35	235	941	1,176	D	\$7.35	227	1,144	1,371	F	\$10.65	249	1,117	1,366	F	\$13.85	259	1,103	1,362	F	\$27.90	286	1,112	1,398	F
1500 - 1600	\$8.05	278	1,088	1,366	F	\$10.20	265	983	1,248	E	\$13.40	291	1,029	1,320	F	\$17.30	277	989	1,266	E	\$27.60	284	1,031	1,315	F
1600 - 1700	\$5.65	242	1,019	1,261	E	\$5.65	230	1,086	1,316	F	\$5.65	240	1,056	1,296	E	\$8.05	278	1,193	1,471	F	\$16.25	255	976	1,231	E
1700 - 1800	\$5.65	236	996	1,232	E	\$5.65	199	1,012	1,211	E	\$5.65	218	1,042	1,260	E	\$5.65	232	1,097	1,329	F	\$7.35	247	1,076	1,323	F
1800 - 1900	\$5.65	283	881	1,164	D	\$5.65	288	975	1,263	E	\$5.65	255	823	1,078	D	\$5.65	266	1,055	1,321	F	\$5.65	301	949	1,250	E
1900 - 2000	\$2.40	283	730	1,013	D	\$4.45	273	817	1,090	D	\$4.45	310	911	1,221	E	\$5.65	299	1,042	1,341	F	\$4.45	253	791	1,044	D

PM Time	Monday 04/17/23					Tuesday 04/18/23					Wednesday 04/19/23					Thursday 04/20/23					Friday 04/21/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$7.35	196	996	1,192	D	\$7.35	234	1,102	1,336	F	\$10.65	226	1,068	1,294	E	\$13.85	241	1,166	1,407	F	\$27.90	300	1,097	1,397	F
1500 - 1600	\$8.05	249	1,008	1,257	E	\$10.20	259	1,059	1,318	F	\$13.40	278	1,004	1,282	E	\$17.30	283	1,011	1,294	E	\$27.60	313	977	1,290	E
1600 - 1700	\$5.65	234	948	1,182	D	\$5.65	240	1,004	1,244	E	\$5.65	250	1,048	1,298	E	\$8.05	239	1,116	1,355	F	\$16.25	290	967	1,257	E
1700 - 1800	\$5.65	226	955	1,181	D	\$5.65	223	947	1,170	D	\$5.65	214	1,017	1,231	E	\$5.65	259	1,139	1,398	F	\$7.35	236	1,067	1,303	F
1800 - 1900	\$5.65	246	849	1,095	D	\$5.65	285	884	1,169	D	\$5.65	255	960	1,215	E	\$5.65	285	1,029	1,314	F	\$5.65	340	1,003	1,343	F
1900 - 2000	\$2.40	198	491	689	B	\$4.45	249	691	940	C	\$4.45	265	820	1,085	D	\$5.65	282	964	1,246	E	\$4.45	286	797	1,083	D

PM Time	Monday 04/24/23					Tuesday 04/25/23					Wednesday 04/26/23					Thursday 04/27/23					Friday 04/28/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$7.35	224	1,065	1,289	E	\$7.35	226	1,142	1,368	F	\$10.65	243	1,104	1,347	F	\$13.85	246	1,222	1,468	F	\$27.90	300	1,210	1,510	F
1500 - 1600	\$8.05	268	958	1,226	E	\$10.20	278	1,045	1,323	F	\$13.40	258	986	1,244	E	\$17.30	259	1,032	1,291	E	\$27.60	317	1,041	1,358	F
1600 - 1700	\$5.65	207	923	1,130	D	\$5.65	245	1,016	1,261	E	\$5.65	242	1,003	1,245	E	\$8.05	235	1,150	1,385	F	\$16.25	266	1,078	1,344	F
1700 - 1800	\$5.65	224	979	1,203	E	\$5.65	243	1,032	1,275	E	\$5.65	239	1,011	1,250	E	\$5.65	241	1,109	1,350	F	\$7.35	300	1,116	1,416	F
1800 - 1900	\$5.65	299	966	1,265	E	\$5.65	287	958	1,245	E	\$5.65	288	901	1,189	D	\$5.65	296	1,034	1,330	F	\$5.65	268	780	1,048	D
1900 - 2000	\$2.40	160	487	647	B	\$4.45	231	721	952	C	\$4.45	272	826	1,098	D	\$5.65	321	1,014	1,335	F	\$4.45	355	948	1,303	F

**Eastbound PM Peak - County Line to 15 SB Ontario**

PM Time	Monday 04/03/23					Tuesday 04/04/23					Wednesday 04/05/23					Thursday 04/06/23					Friday 04/07/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$5.65	132	702	834	C	\$5.65	127	682	809	C	\$5.65	140	763	903	C	\$5.65	165	759	924	C	\$5.65	167	639	806	C
1500 - 1600	\$5.65	166	656	822	C	\$5.65	161	668	829	C	\$5.65	155	622	777	B	\$5.65	155	685	840	C	\$5.65	171	660	831	C
1600 - 1700	\$3.15	127	674	801	C	\$5.65	147	639	786	B	\$5.65	136	677	813	C	\$5.65	152	683	835	C	\$3.15	166	541	707	B
1700 - 1800	\$3.15	157	638	795	B	\$3.15	164	651	815	C	\$3.15	158	708	866	C	\$3.15	163	649	812	C	\$3.15	167	552	719	B
1800 - 1900	\$3.15	147	530	677	B	\$3.15	178	623	801	C	\$3.15	182	614	796	B	\$3.15	152	570	722	B	\$3.15	162	352	514	B
1900 - 2000	\$3.15	107	377	484	B	\$3.15	199	588	787	B	\$3.15	204	590	794	B	\$3.15	214	678	892	C	\$3.15	172	341	513	B

PM Time	Monday 04/10/23					Tuesday 04/11/23					Wednesday 04/12/23					Thursday 04/13/23					Friday 04/14/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$5.65	132	579	711	B	\$5.65	169	790	959	C	\$5.65	141	755	896	C	\$5.65	140	700	840	C	\$5.65	141	664	805	C
1500 - 1600	\$5.65	141	716	857	C	\$5.65	146	680	826	C	\$5.65	147	713	860	C	\$5.65	137	640	777	B	\$5.65	171	649	820	C
1600 - 1700	\$3.15	151	626	777	B	\$5.65	132	624	756	B	\$5.65	151	649	800	B	\$5.65	135	649	784	B	\$3.15	143	596	739	B
1700 - 1800	\$3.15	143	625	768	B	\$3.15	105	647	752	B	\$3.15	134	603	737	B	\$3.15	150	593	743	B	\$3.15	122	611	733	B
1800 - 1900	\$3.15	154	569	723	B	\$3.15	170	692	862	C	\$3.15	166	561	727	B	\$3.15	145	636	781	B	\$3.15	175	570	745	B
1900 - 2000	\$3.15	151	450	601	B	\$3.15	156	630	786	B	\$3.15	215	680	895	C	\$3.15	176	664	840	C	\$3.15	157	445	602	B

PM Time	Monday 04/17/23					Tuesday 04/18/23					Wednesday 04/19/23					Thursday 04/20/23					Friday 04/21/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$5.65	126	705	831	C	\$5.65	127	832	959	C	\$5.65	126	761	887	C	\$5.65	129	769	898	C	\$5.65	124	713	837	C
1500 - 1600	\$5.65	163	694	857	C	\$5.65	143	717	860	C	\$5.65	138	764	902	C	\$5.65	122	609	731	B	\$5.65	154	607	761	B
1600 - 1700	\$3.15	139	591	730	B	\$5.65	132	645	777	B	\$5.65	132	606	738	B	\$5.65	117	603	720	B	\$3.15	147	590	737	B
1700 - 1800	\$3.15	146	625	771	B	\$3.15	130	619	749	B	\$3.15	128	617	745	B	\$3.15	139	714	853	C	\$3.15	138	573	711	B
1800 - 1900	\$3.15	150	658	808	C	\$3.15	149	649	798	B	\$3.15	144	627	771	B	\$3.15	149	700	849	C	\$3.15	177	577	754	B
1900 - 2000	\$3.15	124	380	504	B	\$3.15	152	513	665	B	\$3.15	180	669	849	C	\$3.15	178	642	820	C	\$3.15	157	443	600	B

PM Time	Monday 04/24/23					Tuesday 04/25/23					Wednesday 04/26/23					Thursday 04/27/23					Friday 04/28/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$5.65	123	718	841	C	\$5.65	147	746	893	C	\$5.65	136	763	899	C	\$5.65	129	789	918	C	\$5.65	124	650	774	B
1500 - 1600	\$5.65	161	727	888	C	\$5.65	133	700	833	C	\$5.65	130	674	804	C	\$5.65	151	680	831	C	\$5.65	144	559	703	B
1600 - 1700	\$3.15	105	628	733	B	\$5.65	118	617	735	B	\$5.65	118	612	730	B	\$5.65	127	659	786	B	\$3.15	158	577	735	B
1700 - 1800	\$3.15	124	637	761	B	\$3.15	141	604	745	B	\$3.15	141	631	772	B	\$3.15	147	633	780	B	\$3.15	140	585	725	B
1800 - 1900	\$3.15	152	636	788	B	\$3.15	154	654	808	C	\$3.15	160	641	801	C	\$3.15	154	692	846	C	\$3.15	133	401	534	B
1900 - 2000	\$3.15	111	349	460	B	\$3.15	150	512	662	B	\$3.15	154	594	748	B	\$3.15	182	653	835	C	\$3.15	173	518	691	B

## RCTC WESTBOUND PEAK-HOUR VOLUMES

### Westbound AM Peak - McKinley to County Line

AM Time	Monday 04/03/23					Tuesday 04/04/23					Wednesday 04/05/23					Thursday 04/06/23					Friday 04/07/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$2.40	196	369	565	B	\$2.40	214	373	587	B	\$2.40	214	363	577	B	\$2.40	194	401	595	B	\$2.40	162	271	433	B
0500 - 0600	\$11.65	383	986	1,369	F	\$11.65	442	988	1,430	F	\$11.65	428	960	1,388	F	\$9.85	442	945	1,387	F	\$5.65	314	806	1,120	D
0600 - 0700	\$19.45	405	1293	1,698	F	\$19.05	407	1269	1,676	F	\$19.05	415	1286	1,701	F	\$18.00	409	1,207	1,616	F	\$10.90	300	880	1,180	D
0700 - 0800	\$15.60	366	1310	1,676	F	\$16.35	387	1285	1,672	F	\$16.35	395	1295	1,690	F	\$15.30	361	1,188	1,549	F	\$8.35	256	769	1,025	D
0800 - 0900	\$8.35	202	1144	1,346	E	\$10.10	204	1192	1,396	F	\$10.10	207	1121	1,328	E	\$9.05	201	1,010	1,211	E	\$5.65	179	734	913	C
0900 - 1000	\$5.65	144	813	957	C	\$5.65	163	989	1,152	D	\$5.65	196	987	1,183	D	\$5.65	179	893	1,072	D	\$4.45	170	730	900	C

AM Time	Monday 04/10/23					Tuesday 04/11/23					Wednesday 04/12/23					Thursday 04/13/23					Friday 04/14/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$2.40	218	354	572	B	\$2.40	208	391	599	B	\$2.40	206	410	616	B	\$2.40	223	413	636	B	\$2.40	189	344	533	B
0500 - 0600	\$11.65	360	975	1,335	E	\$11.65	434	1,018	1,452	F	\$11.65	445	1,062	1,507	F	\$9.85	454	1,006	1,460	F	\$5.65	397	950	1,347	E
0600 - 0700	\$19.45	386	1,245	1,631	F	\$19.05	422	1,261	1,683	F	\$19.05	414	1,287	1,701	F	\$18.00	354	1,266	1,620	F	\$10.90	359	1,111	1,470	F
0700 - 0800	\$15.60	393	1,226	1,619	F	\$16.35	372	1,265	1,637	F	\$16.35	379	1,263	1,642	F	\$15.30	304	1,338	1,642	F	\$8.35	306	957	1,263	E
0800 - 0900	\$8.35	218	1,213	1,431	F	\$10.10	244	1,468	1,712	F	\$10.10	242	1,282	1,524	F	\$9.05	222	1,180	1,402	F	\$5.65	176	882	1,058	D
0900 - 1000	\$5.65	208	1,023	1,231	E	\$5.65	173	1,158	1,331	E	\$5.65	205	994	1,199	D	<b>\$5.65</b>	<b>188</b>	<b>1,249</b>	<b>1,437</b>	<b>F</b>	\$4.45	187	846	1,033	D

AM Time	Monday 04/17/23					Tuesday 04/18/23					Wednesday 04/19/23					Thursday 04/20/23					Friday 04/21/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$2.40	214	444	658	B	\$2.40	225	388	613	B	\$2.40	233	377	610	B	\$2.40	136	234	370	A	\$2.40	186	336	522	B
0500 - 0600	\$11.65	475	1,156	1,631	F	\$11.65	458	1,024	1,482	F	\$11.65	471	1,036	1,507	F	\$9.85	508	1,141	1,649	F	<b>\$5.65</b>	<b>406</b>	<b>956</b>	<b>1,362</b>	<b>F</b>
0600 - 0700	\$19.45	420	1,218	1,638	F	\$19.05	401	1,265	1,666	F	\$19.05	429	1,252	1,681	F	\$18.00	434	1,266	1,700	F	\$10.90	388	1,070	1,458	F
0700 - 0800	\$15.60	403	1,216	1,619	F	\$16.35	447	1,355	1,802	F	\$16.35	437	1,350	1,787	F	\$15.30	433	1,319	1,752	F	\$8.35	367	972	1,339	E
0800 - 0900	\$8.35	211	1,403	1,614	F	\$10.10	264	1,414	1,678	F	\$10.10	223	1,315	1,538	F	\$9.05	213	1,312	1,525	F	\$5.65	196	962	1,158	D
0900 - 1000	<b>\$5.65</b>	<b>227</b>	<b>1,290</b>	<b>1,517</b>	<b>F</b>	\$5.65	171	1,147	1,318	E	\$5.65	215	1,120	1,335	E	\$5.65	189	1,143	1,332	E	<b>\$4.45</b>	<b>211</b>	<b>1,049</b>	<b>1,260</b>	<b>E</b>

AM Time	Monday 04/24/23					Tuesday 04/25/23					Wednesday 04/26/23					Thursday 04/27/23					Friday 04/28/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$2.40	245	432	677	B	\$2.40	231	401	632	B	\$2.40	237	395	632	B	\$2.40	220	353	573	B	\$2.40	219	361	580	B
0500 - 0600	\$11.65	433	1,091	1,524	F	\$11.65	489	1,090	1,579	F	\$11.65	442	965	1,407	F	\$9.85	454	1,080	1,534	F	<b>\$5.65</b>	<b>407</b>	<b>983</b>	<b>1,390</b>	<b>F</b>
0600 - 0700	\$19.45	440	1,300	1,740	F	\$19.05	408	1,242	1,650	F	\$19.05	423	1,327	1,750	F	\$18.00	440	1,250	1,690	F	\$10.90	385	1,152	1,537	F
0700 - 0800	\$15.60	416	1,256	1,672	F	\$16.35	441	1,316	1,757	F	\$16.35	469	1,247	1,716	F	\$15.30	408	1,304	1,712	F	\$8.35	305	1,102	1,407	F
0800 - 0900	\$8.35	251	1,351	1,602	F	\$10.10	265	1,314	1,579	F	\$10.10	279	1,451	1,730	F	\$9.05	229	1,170	1,399	F	\$5.65	140	1,045	1,185	D
0900 - 1000	<b>\$5.65</b>	<b>206</b>	<b>1,229</b>	<b>1,435</b>	<b>F</b>	<b>\$5.65</b>	<b>205</b>	<b>1,301</b>	<b>1,506</b>	<b>F</b>	<b>\$5.65</b>	<b>217</b>	<b>1,268</b>	<b>1,485</b>	<b>F</b>	\$5.65	167	1,133	1,300	E	\$4.45	147	906	1,053	D

**Westbound AM Peak - I-15 North to County Line**

AM Time	Monday 04/03/23					Tuesday 04/04/23					Wednesday 04/05/23					Thursday 04/06/23					Friday 04/07/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$3.15	184	446	630	B	\$3.15	175	424	599	B	\$3.15	171	415	586	B	\$3.15	162	394	556	B	\$3.15	125	285	410	B
0500 - 0600	\$9.40	261	889	1,150	D	\$9.40	270	938	1,208	E	\$9.40	263	931	1,194	D	\$9.40	276	952	1,228	E	\$7.30	194	711	905	C
0600 - 0700	\$10.50	263	1067	1,330	E	\$10.85	293	1156	1,449	F	\$10.85	307	1136	1,443	F	\$10.85	276	1,109	1,385	E	\$7.30	224	826	1,050	D
0700 - 0800	\$9.40	240	1095	1,335	E	\$9.40	237	1153	1,390	E	\$10.50	221	1126	1,347	E	\$9.40	224	1,050	1,274	E	\$7.30	160	713	873	C
0800 - 0900	\$7.30	142	939	1,081	D	\$7.30	176	1040	1,216	E	\$7.30	166	1048	1,214	E	\$7.30	174	980	1,154	D	\$5.65	128	668	796	B
0900 - 1000	\$5.65	141	719	860	C	\$5.65	163	823	986	C	\$5.65	157	856	1,013	D	\$5.65	165	722	887	C	\$5.65	180	638	818	C

AM Time	Monday 04/10/23					Tuesday 04/11/23					Wednesday 04/12/23					Thursday 04/13/23					Friday 04/14/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$3.15	179	418	597	B	\$3.15	184	431	615	B	\$3.15	178	416	594	B	\$3.15	194	429	623	B	\$3.15	128	386	514	B
0500 - 0600	\$9.40	283	962	1,245	E	\$9.40	273	1,060	1,333	E	\$9.40	301	941	1,242	E	\$9.40	264	950	1,214	E	\$7.30	258	862	1,120	D
0600 - 0700	\$10.50	296	1,046	1,342	E	\$10.85	294	1,201	1,495	F	\$10.85	292	1,141	1,433	F	\$10.85	228	1,177	1,405	F	\$7.30	245	893	1,138	D
0700 - 0800	\$9.40	176	1,062	1,238	E	\$9.40	206	1,139	1,345	E	\$10.50	240	1,110	1,350	E	\$9.40	188	1,209	1,397	E	\$7.30	173	833	1,006	D
0800 - 0900	\$7.30	122	1,031	1,153	D	\$7.30	129	1,054	1,183	D	\$7.30	134	1,103	1,237	E	\$7.30	142	1,111	1,253	E	\$5.65	158	789	947	C
0900 - 1000	\$5.65	130	844	974	C	\$5.65	125	851	976	C	\$5.65	142	918	1,060	D	\$5.65	132	936	1,068	D	\$5.65	160	766	926	C

AM Time	Monday 04/17/23					Tuesday 04/18/23					Wednesday 04/19/23					Thursday 04/20/23					Friday 04/21/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$3.15	193	449	642	B	\$3.15	178	448	626	B	\$3.15	199	467	666	B	\$3.15	173	417	590	B	\$3.15	139	393	532	B
0500 - 0600	\$9.40	284	972	1,256	E	\$9.40	282	1,020	1,302	E	\$9.40	296	987	1,283	E	\$9.40	330	1,025	1,355	E	\$7.30	253	839	1,092	D
0600 - 0700	\$10.50	304	1,188	1,492	F	\$10.85	300	1,272	1,572	F	\$10.85	331	1,192	1,523	F	\$10.85	302	1,238	1,540	F	\$7.30	279	967	1,246	E
0700 - 0800	\$9.40	202	1,122	1,324	E	\$9.40	227	1,222	1,449	F	\$10.50	239	1,123	1,362	E	\$9.40	248	1,159	1,407	F	\$7.30	198	877	1,075	D
0800 - 0900	\$7.30	141	1,158	1,299	E	<b>\$7.30</b>	<b>165</b>	<b>1,239</b>	<b>1,404</b>	<b>F</b>	\$7.30	142	1,114	1,256	E	\$7.30	167	1,006	1,173	D	\$5.65	143	884	1,027	D
0900 - 1000	\$5.65	125	920	1,045	D	\$5.65	143	938	1,081	D	\$5.65	150	919	1,069	D	\$5.65	136	992	1,128	D	\$5.65	135	776	911	C

AM Time	Monday 04/24/23					Tuesday 04/25/23					Wednesday 04/26/23					Thursday 04/27/23					Friday 04/28/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$3.15	167	467	634	B	\$3.15	175	460	635	B	\$3.15	179	461	640	B	\$3.15	157	411	568	B	\$3.15	140	389	529	B
0500 - 0600	\$9.40	290	1,002	1,292	E	\$9.40	302	1,007	1,309	E	\$9.40	289	993	1,282	E	\$9.40	297	1,004	1,301	E	\$7.30	253	836	1,089	D
0600 - 0700	\$10.50	287	1,169	1,456	F	\$10.85	299	1,200	1,499	F	\$10.85	339	1,238	1,577	F	\$10.85	291	1,201	1,492	F	\$7.30	252	996	1,248	E
0700 - 0800	\$9.40	257	1,174	1,431	F	\$9.40	256	1,225	1,481	F	\$10.50	273	1,179	1,452	F	\$9.40	221	1,155	1,376	E	\$7.30	148	866	1,014	D
0800 - 0900	\$7.30	155	1,128	1,283	E	<b>\$7.30</b>	<b>151</b>	<b>1,259</b>	<b>1,410</b>	<b>F</b>	\$7.30	173	1,113	1,286	E	\$7.30	147	1,054	1,201	E	\$5.65	83	766	849	C
0900 - 1000	\$5.65	134	917	1,051	D	\$5.65	131	998	1,129	D	\$5.65	124	972	1,096	D	\$5.65	140	960	1,100	D	\$5.65	101	703	804	C

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## RCTC OPERATIONAL HIGHLIGHTS

### **On-Road Operations**

RCTC Freeway Service Patrol responded to 70 calls during the month of April. Of those calls, 59 were to assist disabled vehicles, six calls to remove debris, and five were in response to accidents that affected the 91 EL.

# FINANCIAL HIGHLIGHTS RCTC

## RCTC 91 Express Lanes Operating Statement

Description	YTD as of : <b>4/30/2023</b>		YTD Variance	
	Actual <sup>1</sup>	Budget	Dollar \$	Percent (%)
<b>Operating revenues:</b>				
Toll Revenue	\$ 51,404,477.64	\$ 47,971,666.67	\$ 3,432,810.97	7.2
Fee Revenue	4,767,391.16	5,399,000.00	(631,608.84)	(11.7)
<b>Total operating revenues</b>	<b>56,171,868.80</b>	<b>53,370,666.67</b>	<b>2,801,202.13</b>	<b>5.2</b>
<b>Operating expenses:</b>				
Salaries and Benefits	622,535.11	671,250.00	48,714.89	7.3
Legal Services	33,895.80	105,500.00	71,604.20	67.9
Advisory Services	38,262.18	63,333.33	25,071.15	39.6
Audit and Accounting Fees	31,096.00	35,416.67	4,320.67	12.2
Service Fees	4,735.12	10,833.33	6,098.21	56.3
Other Professional Services	525,783.69	1,037,500.00	511,716.31	49.3
Lease Expense	216,373.56	278,083.33	61,709.77	22.2
Operations	1,934,389.90	3,876,666.67	1,942,276.77	50.1
Utilities	37,423.61	60,500.00	23,076.39	38.1
Supplies and Materials	4,996.00	8,833.33	3,837.33	43.4
Membership and Subscription Fees	29,076.29	36,083.33	7,007.04	19.4
Office Equipment & Furniture (Non-Capital)	-	66,666.67	66,666.67	100.0
Maintenance/Repairs	224,043.11	366,666.67	142,623.56	38.9
Training Seminars and Conferences	611.25	5,916.67	5,305.42	89.7
Transportation Expenses	469.97	2,416.67	1,946.70	80.6
Lodging	1,784.93	2,083.33	298.40	14.3
Meals	232.48	2,500.00	2,267.52	90.7
Other Staff Expenses	75.13	416.67	341.54	82.0
Advertising	-	125,000.00	125,000.00	100.0
Program Management	58,457.77	43,666.67	(14,791.10)	(33.9)
Program Operations	1,515,007.57	6,948,916.67	5,433,909.10	78.2
Litigation Settlement	-	-	-	N/A
Furniture & Equipment	4,160.23	62,500.00	58,339.77	93.3
Improvements	-	16,666.67	16,666.67	100.0
Bad Debt Expense	601.65	-	(601.65)	N/A
<b>Total operating expenses</b>	<b>5,284,011.35</b>	<b>13,827,416.67</b>	<b>8,543,405.32</b>	<b>61.8</b>
<b>Operating income (loss)</b>	<b>50,887,857.45</b>	<b>39,543,250.00</b>	<b>11,344,607.45</b>	<b>28.7</b>
<b>Nonoperating revenues (expenses):</b>				
Interest Revenue	2,720,879.18	93,500.00	2,627,379.18	(2,810.0)
Other Miscellaneous Revenue	42,553.99	-	42,553.99	N/A
Loss on Refunding	-	-	-	N/A
Principal Expense	-	-	-	N/A
Interest Expense	(18,451,244.48)	(18,500,833.33)	49,588.85	(0.3)
<b>Total nonoperating revenues (expenses)</b>	<b>(15,687,811.31)</b>	<b>(18,407,333.33)</b>	<b>2,719,522.02</b>	<b>14.8</b>
Transfers In	42.90	-	42.90	N/A
Transfers Out	(868,000.00)	(1,037,250.00)	169,250.00	(16.3)
<b>Net income (loss)</b>	<b>\$ 34,332,089.04</b>	<b>\$ 20,098,666.67</b>	<b>\$ 14,233,422.37</b>	<b>70.8</b>

<sup>1</sup> Unaudited

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## JOINT AGENCY TRIP AND REVENUE STATISTICS

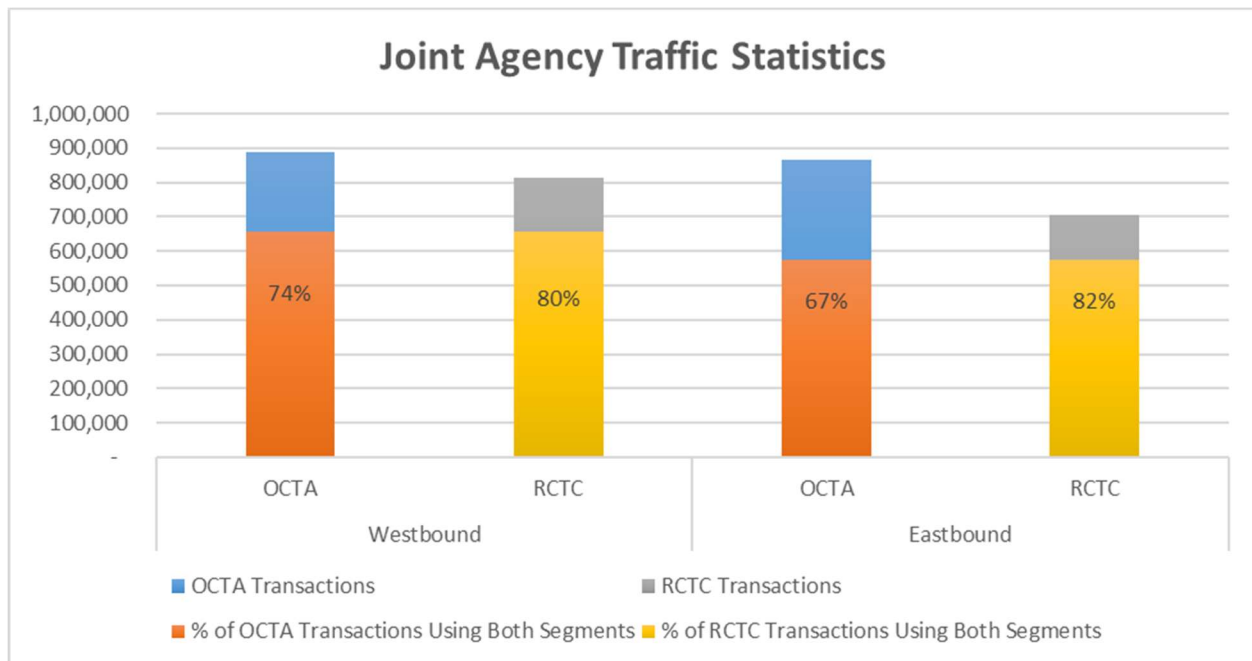
### MULTI AGENCY TRIP AND REVENUE STATISTICS

MONTH ENDING

April 30, 2023

MTD	Transactions by Agency	Transactions Using Both Segments	% Using Both Segments	Revenue
<b>Westbound</b>				
OCTA	888,938	654,757	74%	\$2,498,627.45
RCTC	814,809	654,757	80%	\$3,578,265.20
<b>Eastbound</b>				
OCTA	865,398	576,015	67%	\$2,910,703.64
RCTC	703,272	576,015	82%	\$2,590,169.73

## JOINT AGENCY TRAFFIC STATISTICS



## JOINT AGENCY PERFORMANCE MEASURES

REPORTING REQUIREMENT	REPORTING PERIOD	PERFORMANCE STANDARD	APRIL 2023 PERFORMANCE
<b>Customer Service</b>			
Service Level /Speed of Answer	Monthly	80% answered within 60 seconds	86% answered within 60 seconds
Abandon Percentage	Monthly	4 % <	1%
Customer Satisfaction Score	Monthly	4.5 =>	4.87
First Contact Resolution	Monthly	85% of calls resolved on the first contact	95%
<b>Timeliness of Case Resolution</b>	Monthly	90% of cases resolved in one (1) business day	99%
	Monthly	98% of cases resolved within five (5) business days	100%
<b>Mail Performance</b>			
Processing Returned Mail	Monthly	Per business day in which 90% of returned mail is processed within three (3) business days	100%
	Monthly	Per Business Day in which 100% of returned mail is processed within five (5) Business Days	100%
Research and resolve unidentified Payments	Monthly	100% of all unidentified payments are completely and accurately resolved within five (5) business days	100%
Payment Processing	Monthly	Per business day in which 100% of payments are processed within two (2) business days	100%
<b>Accounting</b>			
Customer Refunds Processed	Monthly	Per business day in which 100% of all refunds are completely and accurately issued within five (5) business days	100%

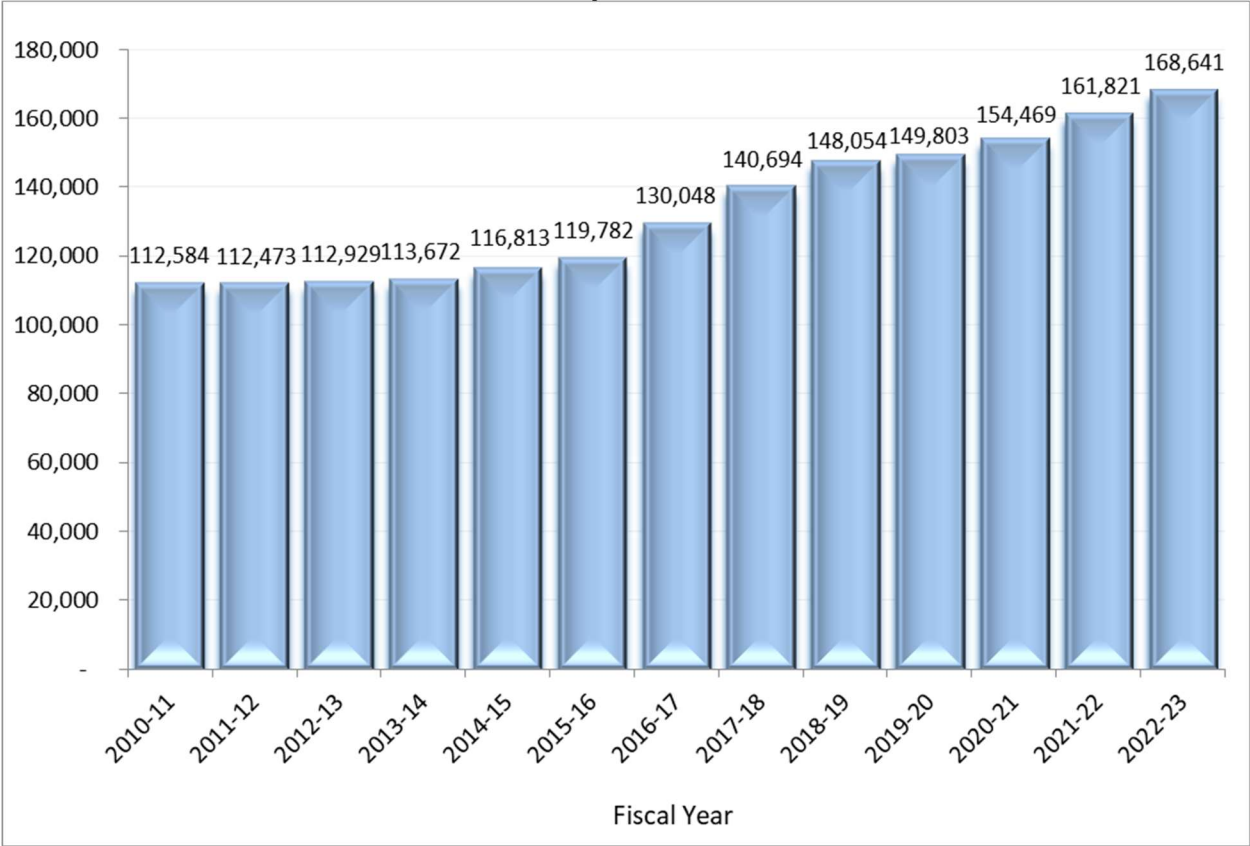
## JOINT AGENCY TRANSPONDER DISTRIBUTION

6C TRANSPONDER DISTRIBUTION	April -23		March -23		FY 2022-23	
	Tags	% of Total	Tags	% of Total	Average To-Date	
Issued						
To New Accounts	2,090	24.7%	1,761	21.2%	363	11.0%
Additional Tags to Existing Accounts	6,369	75.3%	6,558	78.8%	2,930	88.9%
Replacement Transponders	1		1	0.0%	3	0.1%
Total Issued	8,460		8,320		3,296	



At the end of April 2023, the 91 EL had 168,641 active customer accounts and 663,055 transponders classified as assigned.

**Number of Accounts by FY**  
**As of April 30, 2023**







**Orange County Transportation Authority  
Riverside County Transportation Commission**



Status Report

May 2023

As of May 31, 2023

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# OPERATIONS OVERVIEW OCTA

## TRAFFIC AND REVENUE STATISTICS FOR OCTA

Total traffic volume on the 91 Express Lanes (91 EL) for May 2023 was 1,789,360. This represents a daily average of 57,721 vehicles. This is a 3.4 percent increase in total traffic volume from the same period last year, which totaled 1,730,431. Potential toll revenue for May was \$5,625,918, which represents an increase of 6.2 percent from the prior year's total of \$5,296,455. Carpool percentage for May was 24.1 percent as compared to the previous year's rate of 23.7 percent.

Month-to-date (MTD) traffic and revenue data is summarized in the table below. The following trip and revenue statistics tables represent all trips taken on the Orange County Transportation Authority (OCTA) 91 EL and associated potential revenue for the month of May 2023.

### Current MTD as of May 31, 2023

	MAY-23 MTD Actual	MAY-22 MTD Actual	Yr-to-Yr % Variance
<b>Trips</b>			
Full Toll Lanes	1,358,447	1,320,049	2.9%
3+ Lanes	430,913	410,382	5.0%
Total Gross Trips	1,789,360	1,730,431	3.4%
<b>Revenue</b>			
Full Toll Lanes	\$5,559,792	\$5,238,710	6.1%
3+ Lanes	\$66,126	\$57,745	14.5%
Total Gross Revenue	\$5,625,918	\$5,296,455	6.2%
<b>Average Revenue per Trip</b>			
Average Full Toll Lanes	\$4.09	\$3.97	3.0%
Average 3+ Lanes	\$0.15	\$0.14	7.1%
Average Gross Revenue	\$3.14	\$3.06	2.6%

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The 2023 fiscal year-to-date (YTD) traffic volume decreased by 1.1 percent, and potential toll revenue increased by 1.5 percent when compared with the same period the prior year. YTD average revenue per trip is \$3.17.

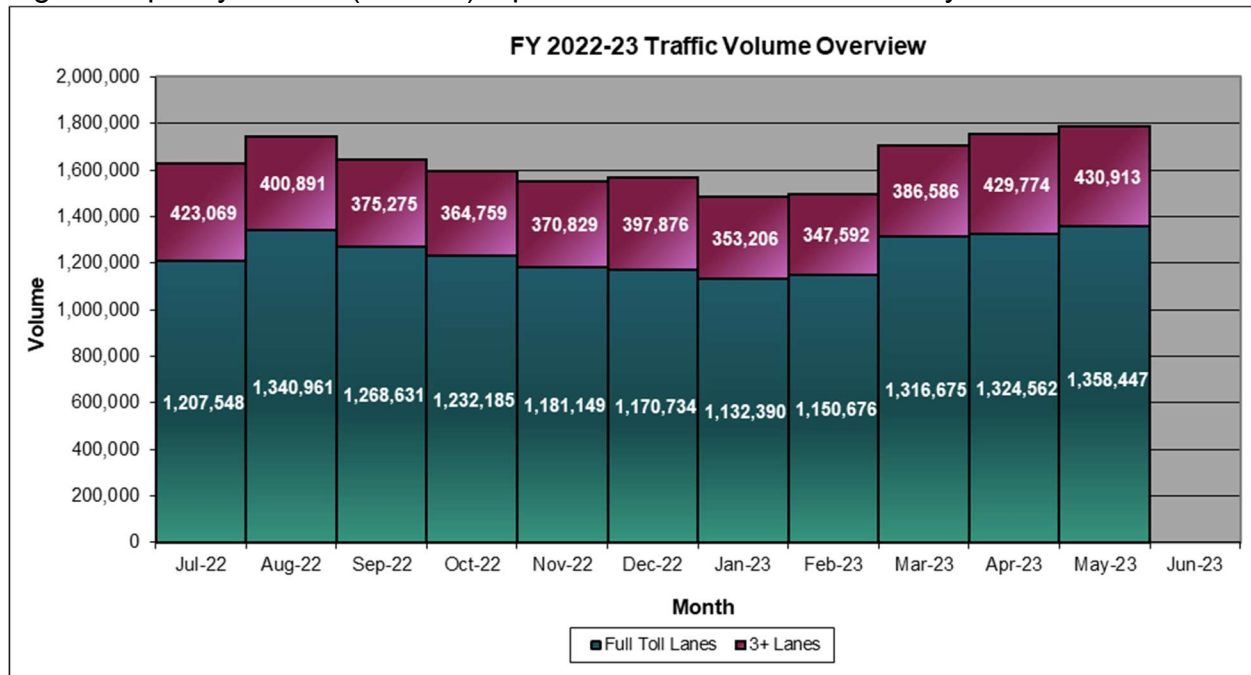
Fiscal YTD traffic and revenue data are summarized in the table below. The following trip and revenue statistics tables represent all trips taken on the OCTA 91 EL and associated potential revenue for the months of July 2022 through May 2023.

**Fiscal Year (FY) 2022-23 YTD as of May 31, 2023**

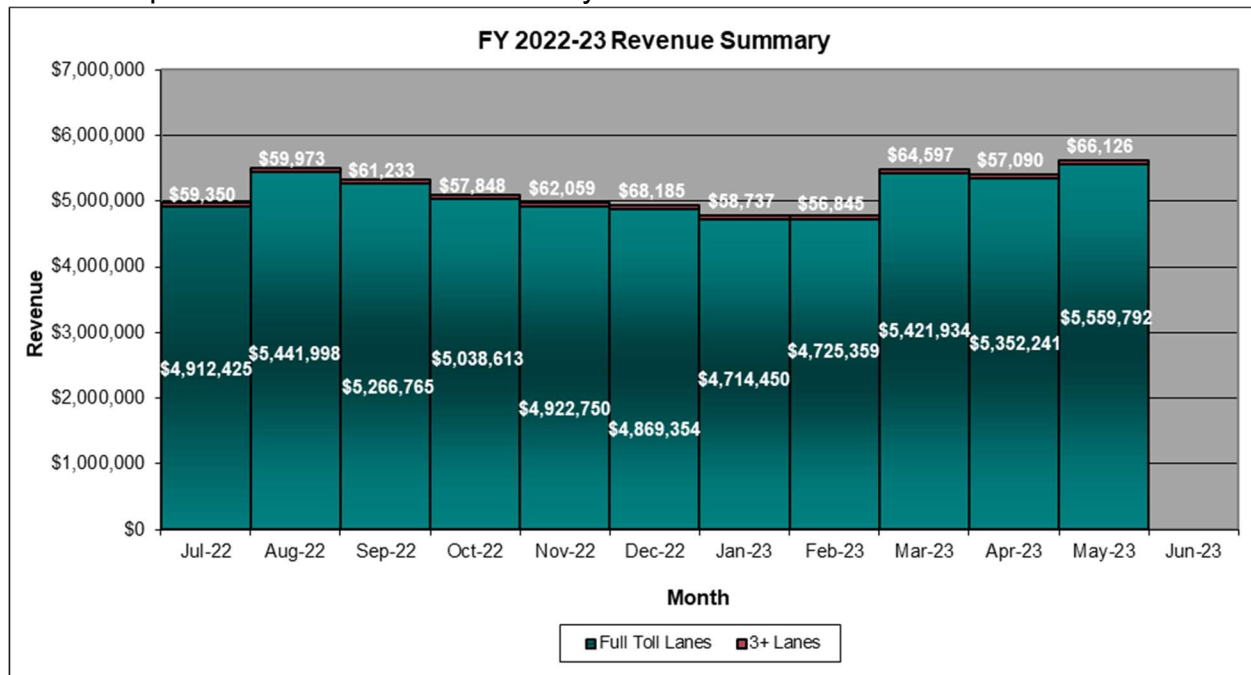
	<b>FY 2022-23 YTD Actual (7/2022-5/2023)</b>	<b>FY 2021-22 YTD Actual (7/2021-5/2022)</b>	<b>Yr-to-Yr % Variance</b>
<b>Trips</b>			
Full Toll Lanes	13,683,958	13,973,062	(2.1%)
3+ Lanes	4,280,770	4,184,680	2.3%
Total Gross Trips	17,964,728	18,157,742	(1.1%)
<b>Revenue</b>			
Full Toll Lanes	\$56,225,680	\$55,469,816	1.4%
3+ Lanes	\$672,042	\$583,808	15.1%
Total Gross Revenue	\$56,897,722	\$56,053,624	1.5%
<b>Average Revenue per Trip</b>			
Average Full Toll Lanes	\$4.11	\$3.97	3.5%
Average 3+ Lanes	\$0.16	\$0.14	14.3%
Average Gross Revenue	\$3.17	\$3.09	2.6%

## OCTA Traffic and Revenue Summary

The chart below reflects the total trips breakdown between full toll trips and high-occupancy vehicle (HOV3+) trips for FY 2022-23 on a monthly basis.



The chart below reflects the gross potential revenue breakdown between full toll trips and HOV3+ trips for FY 2022-23 on a monthly basis.



## OCTA PEAK-HOUR VOLUMES

Peak-hour traffic in the eastbound and westbound directions reached or exceeded 90 percent of defined capacity 28 times during the month of May 2023. As demonstrated on the next chart, westbound peak-hour traffic volumes top out at 93 percent of defined capacity.

## OCTA EASTBOUND PEAK-HOUR VOLUMES

### EASTBOUND WEEKDAY PEAK VOLUME:

PM Time	Monday 05/01/23				Tuesday 05/02/23				Wednesday 05/03/23				Thursday 05/04/23				Friday 05/05/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500	\$5.30	474	2,755	81%	\$5.30	399	2,611	77%	\$5.30	465	3,029	89%	\$7.70	469	2,989	88%	\$8.60	517	3,038	89%
1500 - 1600	\$5.65	483	2,993	88%	\$5.75	450	2,781	82%	<b>\$7.45</b>	<b>533</b>	<b>3,090</b>	<b>91%</b>	\$7.45	480	2,965	87%	\$8.15	518	2,826	83%
1600 - 1700	\$5.10	476	2,954	87%	\$5.25	461	2,980	88%	<b>\$6.50</b>	<b>513</b>	<b>3,183</b>	<b>94%</b>	<b>\$7.00</b>	<b>477</b>	<b>3,082</b>	<b>91%</b>	\$6.95	551	2,949	87%
1700 - 1800	<b>\$4.95</b>	<b>485</b>	<b>3,103</b>	<b>91%</b>	\$4.90	475	3,016	89%	\$5.40	468	3,042	89%	<b>\$6.70</b>	<b>517</b>	<b>3,061</b>	<b>90%</b>	\$6.95	515	2,955	87%
1800 - 1900	\$5.65	537	2,582	76%	\$4.05	579	2,992	88%	\$4.05	600	2,935	86%	\$4.50	495	2,525	74%	\$6.95	560	2,458	72%
1900 - 2000	\$3.95	345	1,456	43%	\$3.95	451	2,094	62%	\$3.95	497	2,010	59%	\$5.75	414	1,695	50%	\$6.45	508	1,821	54%

PM Time	Monday 05/08/23				Tuesday 05/09/23				Wednesday 05/10/23				Thursday 05/11/23				Friday 05/12/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500	\$5.30	456	2,878	85%	\$5.30	423	2,874	85%	\$5.30	492	3,025	89%	\$7.70	485	2,919	86%	\$8.60	478	2,796	82%
1500 - 1600	\$5.65	495	2,894	85%	\$5.75	504	2,743	81%	<b>\$7.45</b>	<b>509</b>	<b>3,050</b>	<b>90%</b>	\$7.45	487	2,800	82%	\$8.15	469	2,375	70%
1600 - 1700	\$5.10	475	3,041	89%	<b>\$5.25</b>	<b>467</b>	<b>3,078</b>	<b>91%</b>	\$6.50	493	3,001	88%	\$7.00	460	2,847	84%	\$6.95	492	2,389	70%
1700 - 1800	\$4.95	475	2,702	79%	<b>\$4.90</b>	<b>471</b>	<b>3,075</b>	<b>90%</b>	<b>\$5.40</b>	<b>518</b>	<b>3,158</b>	<b>93%</b>	\$6.70	454	2,838	83%	\$6.95	562	2,867	84%
1800 - 1900	\$5.65	582	2,780	82%	<b>\$4.05</b>	<b>599</b>	<b>3,123</b>	<b>92%</b>	<b>\$4.05</b>	<b>587</b>	<b>3,114</b>	<b>92%</b>	\$4.50	572	2,941	87%	\$6.95	590	2,552	75%
1900 - 2000	\$3.95	356	1,417	42%	\$3.95	484	2,113	62%	\$3.95	564	2,311	68%	\$5.75	559	2,570	76%	\$6.45	624	2,170	64%

PM Time	Monday 05/15/23				Tuesday 05/16/23				Wednesday 05/17/23				Thursday 05/18/23				Friday 05/19/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500	\$5.30	450	2,840	84%	\$5.30	450	2,955	87%	\$5.30	459	3,005	88%	\$7.70	489	3,035	89%	\$8.60	459	2,917	86%
1500 - 1600	\$5.65	503	2,872	84%	<b>\$5.75</b>	<b>483</b>	<b>3,056</b>	<b>90%</b>	\$7.45	486	2,947	87%	\$7.45	497	2,857	84%	\$8.15	558	2,870	84%
1600 - 1700	\$5.10	458	2,923	86%	<b>\$5.25</b>	<b>470</b>	<b>3,054</b>	<b>90%</b>	\$6.50	435	2,791	82%	\$7.00	463	2,838	83%	\$6.95	515	2,894	85%
1700 - 1800	\$4.95	482	3,007	88%	\$4.90	488	3,005	88%	\$5.40	423	2,813	83%	\$6.70	473	2,865	84%	\$6.95	547	2,901	85%
1800 - 1900	\$5.65	629	2,867	84%	\$4.05	551	2,786	82%	\$4.05	577	3,021	89%	\$4.50	552	2,895	85%	\$6.95	557	2,688	79%
1900 - 2000	\$3.95	408	1,634	48%	\$3.95	534	2,410	71%	\$3.95	604	2,570	76%	\$5.75	623	2,701	79%	\$6.45	527	2,148	63%

PM Time	Monday 05/22/23				Tuesday 05/23/23				Wednesday 05/24/23				Thursday 05/25/23				Friday 05/26/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500	\$5.30	488	2,939	86%	\$5.30	485	3,015	89%	\$5.30	459	2,858	84%	\$7.70	509	2,939	86%	\$8.60	562	2,860	84%
1500 - 1600	\$5.65	513	2,915	86%	\$5.75	507	3,039	89%	\$7.45	522	2,954	87%	\$7.45	543	2,948	87%	\$8.15	623	2,730	80%
1600 - 1700	\$5.10	480	2,856	84%	\$5.25	451	2,883	85%	\$6.50	481	2,917	86%	\$7.00	516	2,894	85%	\$6.95	606	2,825	83%
1700 - 1800	\$4.95	447	2,780	82%	\$4.90	514	2,934	86%	\$5.40	478	2,921	86%	\$6.70	540	2,869	84%	\$6.95	613	2,787	82%
1800 - 1900	\$5.65	603	2,988	88%	\$4.05	595	2,943	87%	\$4.05	568	2,870	84%	\$4.50	582	2,792	82%	\$6.95	604	2,229	66%
1900 - 2000	\$3.95	424	1,674	49%	\$3.95	540	2,312	68%	\$3.95	605	2,502	74%	\$5.75	651	2,636	78%	\$6.45	641	1,967	58%

PM Time	Monday 05/29/23				Tuesday 05/30/23				Wednesday 05/31/23				Thursday 06/01/23				Friday 06/02/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500	\$4.55	396	1,132	33%	\$5.30	501	2,903	85%	\$5.30	457	2,658	78%								
1500 - 1600	\$4.55	503	1,233	36%	\$5.75	521	2,939	86%	<b>\$7.45</b>	<b>521</b>	<b>3,083</b>	<b>91%</b>								
1600 - 1700	\$4.55	411	1,023	30%	\$5.25	483	2,922	86%	<b>\$6.50</b>	<b>504</b>	<b>3,069</b>	<b>90%</b>								
1700 - 1800	\$4.55	431	1,061	31%	\$4.90	493	2,843	84%	\$5.40	487	2,823	83%								
1800 - 1900	\$4.55	482	1,050	31%	\$4.05	631	2,990	88%	\$4.05	585	2,983	88%								
1900 - 2000	\$4.55	500	1,054	31%	\$3.95	417	1,768	52%	\$3.95	539	2,166	64%								



## OCTA WESTBOUND PEAK-HOUR VOLUMES

### WESTBOUND WEEKDAY PEAK VOLUME:

AM Time	Monday 05/01/23				Tuesday 05/02/23				Wednesday 05/03/23				Thursday 05/04/23				Friday 05/05/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500	\$3.15	460	1,254	37%	\$3.15	442	1,230	36%	\$3.15	469	1,224	36%	\$3.15	433	1,180	35%	\$3.25	408	1,083	32%
0500 - 0600	\$5.10	769	2,683	79%	\$5.10	835	2,785	82%	\$5.10	840	2,818	83%	\$5.10	653	2,212	65%	\$5.00	697	2,403	71%
0600 - 0700	\$5.30	603	2,853	84%	\$5.30	643	3,057	90%	\$5.30	715	3,130	92%	\$5.30	631	2,556	75%	\$5.25	601	2,642	78%
0700 - 0800	\$5.80	663	2,806	83%	\$5.80	656	3,023	89%	\$5.80	655	3,046	90%	\$5.80	681	2,936	86%	\$5.80	598	2,567	76%
0800 - 0900	\$5.30	397	2,792	82%	\$5.30	356	2,945	87%	\$5.30	383	2,676	79%	\$5.30	338	2,430	71%	\$5.25	351	2,381	70%
0900 - 1000	\$4.20	384	2,560	75%	\$4.20	317	2,657	78%	\$4.20	362	2,702	79%	\$4.20	357	2,575	76%	\$4.35	348	2,325	68%

AM Time	Monday 05/08/23				Tuesday 05/09/23				Wednesday 05/10/23				Thursday 05/11/23				Friday 05/12/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500	\$3.15	396	1,173	35%	\$3.15	433	1,187	35%	\$3.15	464	1,280	38%	\$3.15	446	1,241	37%	\$3.25	348	1,022	30%
0500 - 0600	\$5.10	773	2,804	82%	\$5.10	809	2,840	84%	\$5.10	845	2,879	85%	\$5.10	845	2,773	82%	\$5.00	721	2,466	73%
0600 - 0700	\$5.30	683	3,048	90%	\$5.30	677	3,041	89%	\$5.30	485	1,988	58%	\$5.30	712	3,132	92%	\$5.25	655	2,735	80%
0700 - 0800	\$5.80	662	2,866	84%	\$5.80	663	3,046	90%	\$5.80	718	3,048	90%	\$5.80	626	2,824	83%	\$5.80	566	2,477	73%
0800 - 0900	\$5.30	340	2,547	75%	\$5.30	388	2,866	84%	\$5.30	415	2,879	85%	\$5.30	381	2,498	73%	\$5.25	336	2,161	64%
0900 - 1000	\$4.20	320	2,438	72%	\$4.20	371	2,565	75%	\$4.20	396	2,748	81%	\$4.20	308	2,280	67%	\$4.35	344	2,070	61%

AM Time	Monday 05/15/23				Tuesday 05/16/23				Wednesday 05/17/23				Thursday 05/18/23				Friday 05/19/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500	\$3.15	416	1,241	37%	\$3.15	444	1,276	38%	\$3.15	435	1,226	36%	\$3.15	455	1,224	36%	\$3.25	372	1,038	31%
0500 - 0600	\$5.10	798	2,849	84%	\$5.10	832	2,866	84%	\$5.10	829	2,975	88%	\$5.10	837	2,940	86%	\$5.00	722	2,529	74%
0600 - 0700	\$5.30	688	3,022	89%	\$5.30	667	2,953	87%	\$5.30	744	3,175	93%	\$5.30	701	3,071	90%	\$5.25	639	2,825	83%
0700 - 0800	\$5.80	682	2,913	86%	\$5.80	708	3,090	91%	\$5.80	709	2,945	87%	\$5.80	645	2,924	86%	\$5.80	609	2,672	79%
0800 - 0900	\$5.30	375	2,800	82%	\$5.30	402	2,871	84%	\$5.30	388	2,762	81%	\$5.30	403	2,672	79%	\$5.25	362	2,323	68%
0900 - 1000	\$4.20	391	2,544	75%	\$4.20	376	2,762	81%	\$4.20	352	2,637	78%	\$4.20	402	2,701	79%	\$4.35	319	2,243	66%

AM Time	Monday 05/22/23				Tuesday 05/23/23				Wednesday 05/24/23				Thursday 05/25/23				Friday 05/26/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500	\$3.15	426	1,218	36%	\$3.15	454	1,291	38%	\$3.15	451	1,260	37%	\$3.15	475	1,221	36%	\$3.25	349	960	28%
0500 - 0600	\$5.10	784	2,814	83%	\$5.10	840	2,902	85%	\$5.10	857	2,887	85%	\$5.10	850	2,865	84%	\$5.00	654	2,280	67%
0600 - 0700	\$5.30	636	2,895	85%	\$5.30	688	3,026	89%	\$5.30	703	3,080	91%	\$5.30	731	3,086	91%	\$5.25	640	2,652	78%
0700 - 0800	\$5.80	688	3,014	89%	\$5.80	653	2,849	84%	\$5.80	700	2,843	84%	\$5.80	647	2,773	82%	\$5.80	512	2,228	66%
0800 - 0900	\$5.30	384	2,501	74%	\$5.30	392	2,632	77%	\$5.30	405	2,699	79%	\$5.30	404	2,479	73%	\$5.25	320	1,838	54%
0900 - 1000	\$4.20	362	2,086	61%	\$4.20	364	2,598	76%	\$4.20	413	2,776	82%	\$4.20	357	2,100	62%	\$4.35	357	1,924	57%

AM Time	Monday 05/29/23				Tuesday 05/30/23				Wednesday 05/31/23				Thursday 06/01/23				Friday 06/02/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500	\$1.80	62	125	4%	\$3.15	460	1,345	40%	\$3.15	445	1,229	36%								
0500 - 0600	\$1.80	73	213	6%	\$5.10	819	2,948	87%	\$5.10	840	2,851	84%								
0600 - 0700	\$1.80	98	299	9%	\$5.30	698	2,961	87%	\$5.30	720	2,988	88%								
0700 - 0800	\$1.80	148	440	13%	\$5.80	727	3,071	90%	\$5.80	626	2,855	84%								
0800 - 0900	\$2.70	264	729	21%	\$5.30	370	2,564	75%	\$5.30	326	2,539	75%								
0900 - 1000	\$3.80	438	1,234	36%	\$4.20	341	2,441	72%	\$4.20	309	2,127	63%								

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## OCTA OPERATIONAL HIGHLIGHTS

### **On-Road Operations**

OCTA Freeway Service Patrol responded to 74 calls during the month of May. Of those calls, 25 were to assist disabled vehicles, one was to remove debris, 28 were to tow vehicles, and 20 were to aid motorists in the 91 EL.

## 91 Express Lanes Operating Statement

Description	YTD as of : <b>5/31/2023</b>		YTD Variance	
	Actual <sup>(1)</sup>	Budget <sup>(1)</sup>	Dollar \$	Percent (%)
<b>Operating revenues:</b>				
Toll Revenue	\$ 52,043,761	\$ 46,509,826	\$ 5,533,935	11.9
Fee Revenue	\$ 6,460,117	\$ 3,542,924	\$ 2,917,193	82.3
<b>Total operating revenues</b>	<b>\$ 58,503,877</b>	<b>\$ 50,052,750</b>	<b>\$ 8,451,127</b>	<b>16.9</b>
<b>Operating expenses:</b>				
Contracted Services	\$ 4,201,082	\$ 6,998,665	\$ 2,797,583	40.0
Administrative Fee	\$ 2,728,034	\$ 3,292,201	\$ 564,167	17.1
Other Professional Services	\$ 1,323,994	\$ 3,926,118	\$ 2,602,124	66.3
Credit Card Processing Fees	\$ 1,332,027	\$ 1,214,587	\$ (117,440)	(9.7)
Toll Road Account Servicing	\$ 126,406	\$ 816,663	\$ 690,257	84.5
Other Insurance Expense	\$ 504,884	\$ 854,163	\$ 349,279	40.9
Toll Road Maintenance Supply Repairs	\$ 581,490	\$ 371,250	\$ (210,240)	(56.6)
Patrol Services	\$ 921,757	\$ 1,008,337	\$ 86,580	8.6
Building Equipment Repairs and Maint	\$ 605,125	\$ 800,701	\$ 195,576	24.4
6C Transponders	\$ -	\$ 68,750	\$ 68,750	100.0
Other Services	\$ -	\$ 717,750	\$ 717,750	100.0
Utilities	\$ 87,352	\$ 41,250	\$ (46,102)	(111.8)
Office Expense	\$ (88,381)	\$ 715,462	\$ 803,843	112.4
Bad Debt Expense	\$ 619	\$ -	\$ (619)	N/A
Miscellaneous <sup>(2)</sup>	\$ 56,650	\$ 140,393	\$ 83,743	59.6
Leases	\$ 443,002	\$ 490,413	\$ 47,411	9.7
<b>Total operating expenses</b>	<b>\$ 12,824,656</b>	<b>\$ 21,456,703</b>	<b>\$ 8,632,047</b>	<b>40.2</b>
Depreciation and Amortization <sup>(3)</sup>	\$ 4,076,587	\$ -	\$ (4,076,587)	N/A
<b>Operating income (loss)</b>	<b>\$ 41,602,635</b>	<b>\$ 28,596,047</b>	<b>\$ 13,006,588</b>	<b>45.5</b>
<b>Nonoperating revenues (expenses):</b>				
Reimbursement from Other Agencies	\$ 94,962	\$ 250,000	\$ (155,038)	(62.0)
Interest Income	\$ 2,482,226	\$ 1,724,943	\$ 757,283	43.9
Interest Expense	\$ (3,296,631)	\$ (3,391,388)	\$ 94,757	2.8
Other	\$ (2,395)	\$ -	\$ (2,395)	N/A
<b>Total nonoperating revenues (expenses)</b>	<b>\$ (721,838)</b>	<b>\$ (1,416,445)</b>	<b>\$ 694,607</b>	<b>49.0</b>
Transfers In	\$ -	\$ -	\$ -	N/A
Transfers Out <sup>(4)</sup>	\$ (7,192,291)	\$ -	\$ (7,192,291)	N/A
<b>Net income (loss)</b>	<b>\$ 33,688,506</b>	<b>\$ 27,179,602</b>	<b>\$ 6,508,904</b>	<b>23.9</b>

<sup>1</sup>Actual amounts are accounted for on the accrual basis of accounting in an enterprise fund. Budget amounts are accounted for on a modified accrual basis of accounting.

<sup>2</sup>Miscellaneous expenses include: Bond Insurance Costs, Bank Service Charge, Transponder Materials.

<sup>3</sup>Depreciation and amortization are not budgeted items.

<sup>4</sup>Transfers Out: For M2 Project I and Project J expense reimbursements.

## FINANCIAL HIGHLIGHTS OCTA

### Capital Asset Activity

During the eleven months ending May 31, 2023, capital asset activities included payments of \$835,718 attributed to the Electronic Toll and Traffic Management system project and \$297,339 attributed to the back-office system implementation project.



# OPERATIONS OVERVIEW RCTC

## TRAFFIC AND REVENUE STATISTICS FOR RCTC

Total traffic volume on the 91 EL for May 2023 was 1,521,205. This represents a daily average of 49,071 vehicles. This is a 5.8 percent increase in total traffic volume from the same period last year, which totaled 1,437,467. Potential toll revenue for May was \$6,344,458, which represents an increase of 16.1 percent from the prior year's total of \$5,465,847. Carpool percentage for May was 23.4 percent as compared to the previous year's rate of 22.5 percent.

MTD traffic and revenue data is summarized in the table below. The following trip and revenue statistics tables represent all trips taken on the Riverside County Transportation Commission (RCTC) 91 EL and associated potential revenue for the month of May 2023.

### Current MTD as of May 31, 2023

Trips	MAY-23 MTD Actual	Stantec MTD Projected	# Variance	% Variance	MAY-22 MTD Actual	Yr-to-Yr % Variance
Full Toll Lanes	1,164,945	976,714	188,231	19.3%	1,113,885	4.6%
3+ Lanes	356,260	359,143	(2,883)	(0.8%)	323,582	10.1%
Total Gross Trips	1,521,205	1,335,857	185,348	13.9%	1,437,467	5.8%
<b>Revenue</b>						
Full Toll Lanes	\$6,289,684	\$4,675,286	\$1,614,398	34.5%	\$5,423,969	16.0%
3+ Lanes	\$54,774	\$0	\$54,774		\$41,878	30.8%
Total Gross Revenue	\$6,344,458	\$4,675,286	\$1,669,172	35.7%	\$5,465,847	16.1%
<b>Average Revenue per Trip</b>						
Average Full Toll Lanes	\$5.40	\$4.79	\$0.61	12.7%	\$4.87	10.9%
Average 3+ Lanes	\$0.15	\$0.00	\$0.15		\$0.13	15.4%
Average Gross Revenue	\$4.17	\$3.50	\$0.67	19.1%	\$3.80	9.7%

The 2023 fiscal YTD traffic volume decreased by 1.4 percent, and potential toll revenue increased by 6.4 percent when compared with the same period the prior year. YTD average revenue per trip is \$4.06.

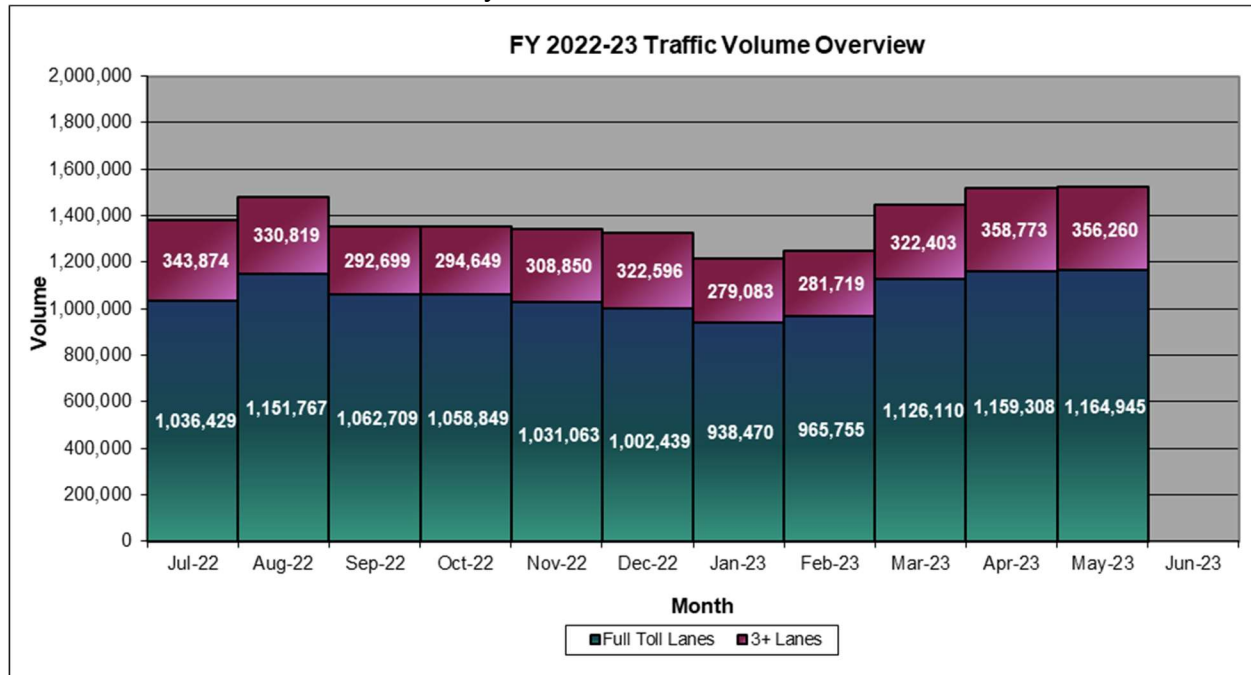
Fiscal YTD traffic and revenue data are summarized in the table below. The following trip and revenue statistics tables represent all trips taken on the RCTC 91 EL and associated potential revenue for the months of July 2022 through May 2023.

**FY 2022-23 YTD as of May 31, 2023**

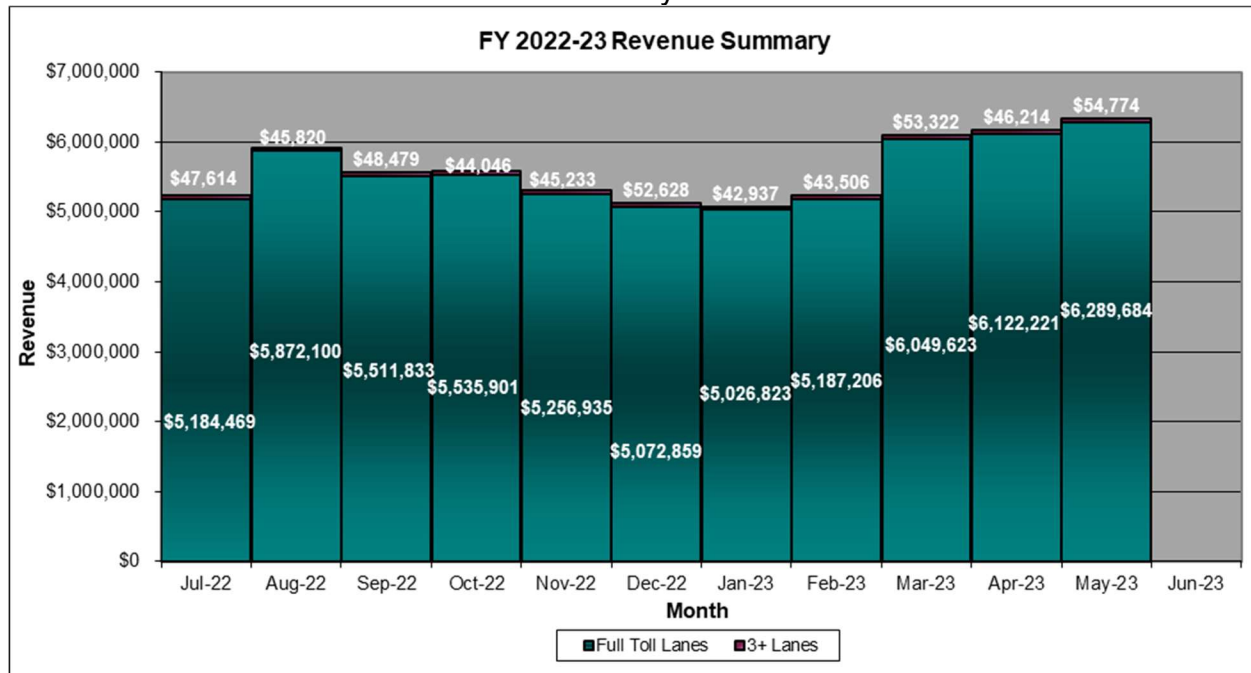
<b>Trips</b>	<b>FY 2022-23 YTD Actual (7/2022-5/2023)</b>	<b>Stantec YTD Projected</b>	<b># Variance</b>	<b>% Variance</b>	<b>FY 2021-22 YTD Actual (7/2021-5/2022)</b>	<b>Yr-to-Yr % Variance</b>
Full Toll Lanes	11,697,844	10,094,886	1,602,958	15.9%	12,070,240	(3.1%)
3+ Lanes	3,491,725	3,679,857	(188,132)	(5.1%)	3,331,732	4.8%
Total Gross Trips	15,189,569	13,774,743	1,414,826	10.3%	15,401,972	(1.4%)
<b>Revenue</b>						
Full Toll Lanes	\$61,109,653	\$48,241,371	\$12,868,282	26.7%	\$57,456,933	6.4%
3+ Lanes	\$524,575	\$0	\$524,575		\$450,841	16.4%
Total Gross Revenue	\$61,634,228	\$48,241,371	\$13,392,856	27.8%	\$57,907,775	6.4%
<b>Average Revenue per Trip</b>						
Average Full Toll Lanes	\$5.22	\$4.78	\$0.44	9.2%	\$4.76	9.7%
Average 3+ Lanes	\$0.15	\$0.00	\$0.15		\$0.14	7.1%
Average Gross Revenue	\$4.06	\$3.50	\$0.56	16.0%	\$3.76	8.0%

## RCTC Traffic and Revenue Summary

The chart below reflects the total trips broken down between full toll lanes and HOV3+ lanes for FY 2022-23 on a monthly basis.



The chart below reflects the gross potential revenue breakdown between full toll lanes and HOV3+ lanes for FY 2022-23 on a monthly basis.



## RCTC PEAK-HOUR VOLUMES

In May, no toll rates were adjusted. RCTC evaluates traffic volumes for peak-period hours and adjusts rates according to the toll rate policy.

## RCTC EASTBOUND PEAK-HOUR VOLUMES

### Eastbound PM Peak - County Line to McKinley

PM Time	Monday 05/01/23					Tuesday 05/02/23					Wednesday 05/03/23					Thursday 05/04/23					Friday 05/05/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$7.35	231	914	1,145	D	\$7.35	206	1,021	1,227	E	\$10.65	245	1,096	1,341	F	\$13.85	230	1,092	1,322	F	\$27.90	296	1,134	1,430	F
1500 - 1600	\$8.05	264	990	1,254	E	\$10.20	244	879	1,123	D	\$13.40	251	1,034	1,285	E	\$17.30	228	1,040	1,268	E	\$27.60	314	987	1,301	F
1600 - 1700	\$5.65	197	1,053	1,250	E	\$5.65	239	1,086	1,325	F	\$5.65	273	1,109	1,382	F	\$8.05	194	1,064	1,258	E	\$16.25	323	1,021	1,344	F
1700 - 1800	\$5.65	253	957	1,210	E	\$5.65	224	976	1,200	D	\$5.65	232	1,044	1,276	E	\$5.65	251	994	1,245	E	\$7.35	260	1,004	1,264	E
1800 - 1900	\$5.65	258	813	1,071	D	\$5.65	273	846	1,119	D	\$5.65	260	960	1,220	E	\$5.65	257	825	1,082	D	\$5.65	287	934	1,221	E
1900 - 2000	\$2.40	143	437	580	B	\$4.45	202	680	882	C	\$4.45	188	625	813	C	\$5.65	178	516	694	B	\$4.45	244	594	838	C

PM Time	Monday 05/08/23					Tuesday 05/09/23					Wednesday 05/10/23					Thursday 05/11/23					Friday 05/12/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$7.35	229	1,062	1,291	E	\$7.35	221	1,065	1,286	E	\$10.65	251	1,074	1,325	F	\$13.85	232	1,023	1,255	E	\$27.90	298	1,081	1,379	F
1500 - 1600	\$8.05	260	999	1,259	E	\$10.20	276	971	1,247	E	\$13.40	271	1,021	1,292	E	\$17.30	305	959	1,264	E	\$27.60	282	933	1,215	E
1600 - 1700	\$5.65	212	1,038	1,250	E	\$5.65	284	1,105	1,389	F	\$5.65	254	1,064	1,318	F	\$8.05	259	1,052	1,311	F	\$16.25	267	929	1,196	D
1700 - 1800	\$5.65	238	858	1,096	D	\$5.65	220	1,081	1,301	F	\$5.65	240	1,072	1,312	F	\$5.65	227	1,040	1,267	E	\$7.35	331	1,119	1,450	F
1800 - 1900	\$5.65	285	845	1,130	D	\$5.65	300	965	1,265	E	\$5.65	231	976	1,207	E	\$5.65	288	969	1,257	E	\$5.65	325	954	1,279	E
1900 - 2000	\$2.40	163	486	649	B	\$4.45	233	725	958	C	\$4.45	239	747	986	C	\$5.65	292	838	1,130	D	\$4.45	295	777	1,072	D

PM Time	Monday 05/15/23					Tuesday 05/16/23					Wednesday 05/17/23					Thursday 05/18/23					Friday 05/19/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$7.35	258	1,059	1,317	F	\$7.35	226	1,068	1,294	E	\$10.65	228	1,092	1,320	F	\$13.85	256	1,131	1,387	F	\$27.90	286	1,108	1,394	F
1500 - 1600	\$8.05	270	1,025	1,295	E	\$10.20	276	1,010	1,286	E	\$13.40	270	990	1,260	E	\$17.30	271	1,022	1,293	E	\$27.60	302	1,044	1,346	F
1600 - 1700	\$5.65	233	1,041	1,274	E	\$5.65	266	1,096	1,362	F	\$5.65	215	1,083	1,298	E	\$8.05	271	1,068	1,339	F	\$16.25	326	1,050	1,376	F
1700 - 1800	\$5.65	227	944	1,171	D	\$5.65	252	1,005	1,257	E	\$5.65	215	999	1,214	E	\$5.65	257	1,027	1,284	E	\$7.35	282	1,152	1,434	F
1800 - 1900	\$5.65	288	906	1,194	D	\$5.65	243	869	1,112	D	\$5.65	284	990	1,274	E	\$5.65	268	989	1,257	E	\$5.65	352	985	1,337	F
1900 - 2000	\$2.40	166	534	700	B	\$4.45	253	794	1,047	D	\$4.45	287	867	1,154	D	\$5.65	271	908	1,179	D	\$4.45	303	804	1,107	D

PM Time	Monday 05/22/23					Tuesday 05/23/23					Wednesday 05/24/23					Thursday 05/25/23					Friday 05/26/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$7.35	250	1,073	1,323	F	\$7.35	229	1,076	1,305	F	\$10.65	254	1,044	1,298	E	\$13.85	290	1,172	1,462	F	\$27.90	396	1,092	1,488	F
1500 - 1600	\$8.05	291	996	1,287	E	\$10.20	300	1,008	1,308	F	\$13.40	288	1,006	1,294	E	\$17.30	353	1,072	1,425	F	\$27.60	426	935	1,361	F
1600 - 1700	\$5.65	226	1,019	1,245	E	\$5.65	238	1,038	1,276	E	\$5.65	239	1,081	1,320	F	\$8.05	316	1,120	1,436	F	\$16.25	452	865	1,317	F
1700 - 1800	\$5.65	226	922	1,148	D	\$5.65	236	1,026	1,262	E	\$5.65	252	1,008	1,260	E	\$5.65	292	1,010	1,302	F	\$7.35	428	955	1,383	F
1800 - 1900	\$5.65	295	928	1,223	E	\$5.65	282	971	1,253	E	\$5.65	295	951	1,246	E	\$5.65	345	966	1,311	F	\$5.65	416	954	1,370	F
1900 - 2000	\$2.40	188	574	762	B	\$4.45	241	775	1,016	D	\$4.45	278	827	1,105	D	\$5.65	344	944	1,288	E	\$4.45	344	673	1,017	D

PM Time	Monday 05/29/23					Tuesday 05/30/23					Wednesday 05/31/23					Thursday 06/01/23					Friday 06/02/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$2.40	195	377	572	B	\$7.35	232	977	1,209	E	\$10.65	236	946	1,182	D										
1500 - 1600	\$2.40	214	333	547	B	\$10.20	290	967	1,257	E	\$13.40	287	1,037	1,324	F										
1600 - 1700	\$2.40	205	301	506	B	\$5.65	251	1,014	1,265	E	\$5.65	268	1,090	1,358	F										
1700 - 1800	\$2.40	194	273	467	B	\$5.65	243	920	1,163	D	\$5.65	225	975	1,200	D										
1800 - 1900	\$2.40	232	277	509	B	\$5.65	291	880	1,171	D	\$5.65	275	940	1,215	E										
1900 - 2000	\$2.40	254	271	525	B	\$4.45	192	574	766	B	\$4.45	263	692	955	C										

**Eastbound PM Peak - County Line to 15 SB Ontario**

PM Time	Monday 05/01/23					Tuesday 05/02/23					Wednesday 05/03/23					Thursday 05/04/23					Friday 05/05/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$5.65	140	665	805	C	\$5.65	136	728	864	C	\$5.65	132	708	840	C	\$5.65	138	779	917	C	\$5.65	144	747	891	C
1500 - 1600	\$5.65	142	674	816	C	\$5.65	140	644	784	B	\$5.65	145	676	821	C	\$5.65	106	744	850	C	\$5.65	149	587	736	B
1600 - 1700	\$3.15	117	617	734	B	\$5.65	132	660	792	B	\$5.65	125	733	858	C	\$5.65	96	675	771	B	\$3.15	147	578	725	B
1700 - 1800	\$3.15	124	632	756	B	\$3.15	152	618	770	B	\$3.15	127	659	786	B	\$3.15	129	645	774	B	\$3.15	142	619	761	B
1800 - 1900	\$3.15	155	595	750	B	\$3.15	157	681	838	C	\$3.15	146	665	811	C	\$3.15	133	558	691	B	\$3.15	173	554	727	B
1900 - 2000	\$3.15	125	342	467	B	\$3.15	141	559	700	B	\$3.15	129	467	596	B	\$3.15	123	392	515	B	\$3.15	135	387	522	B

PM Time	Monday 05/08/23					Tuesday 05/09/23					Wednesday 05/10/23					Thursday 05/11/23					Friday 05/12/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$5.65	136	728	864	C	\$5.65	140	731	871	C	\$5.65	124	737	861	C	\$5.65	124	694	818	C	\$5.65	135	633	768	B
1500 - 1600	\$5.65	153	669	822	C	\$5.65	141	679	820	C	\$5.65	146	739	885	C	\$5.65	132	653	785	B	\$5.65	126	582	708	B
1600 - 1700	\$3.15	133	667	800	B	\$5.65	127	666	793	B	\$5.65	129	648	777	B	\$5.65	124	642	766	B	\$3.15	150	504	654	B
1700 - 1800	\$3.15	109	597	706	B	\$3.15	142	635	777	B	\$3.15	144	654	798	B	\$3.15	120	586	706	B	\$3.15	162	620	782	B
1800 - 1900	\$3.15	155	600	755	B	\$3.15	162	682	844	C	\$3.15	146	732	878	C	\$3.15	151	690	841	C	\$3.15	161	556	717	B
1900 - 2000	\$3.15	105	315	420	B	\$3.15	153	557	710	B	\$3.15	164	596	760	B	\$3.15	160	586	746	B	\$3.15	189	450	639	B

PM Time	Monday 05/15/23					Tuesday 05/16/23					Wednesday 05/17/23					Thursday 05/18/23					Friday 05/19/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$5.65	143	763	906	C	\$5.65	123	738	861	C	\$5.65	138	800	938	C	\$5.65	151	816	967	C	\$5.65	136	677	813	C
1500 - 1600	\$5.65	141	654	795	B	\$5.65	166	739	905	C	\$5.65	116	729	845	C	\$5.65	136	676	812	C	\$5.65	158	617	775	B
1600 - 1700	\$3.15	128	630	758	B	\$5.65	134	673	807	C	\$5.65	96	639	735	B	\$5.65	134	632	766	B	\$3.15	162	630	792	B
1700 - 1800	\$3.15	151	637	788	B	\$3.15	134	589	723	B	\$3.15	131	619	750	B	\$3.15	143	640	783	B	\$3.15	141	549	690	B
1800 - 1900	\$3.15	170	636	806	C	\$3.15	153	602	755	B	\$3.15	163	672	835	C	\$3.15	153	597	750	B	\$3.15	153	618	771	B
1900 - 2000	\$3.15	134	349	483	B	\$3.15	170	603	773	B	\$3.15	174	598	772	B	\$3.15	190	609	799	B	\$3.15	191	503	694	B

PM Time	Monday 05/22/23					Tuesday 05/23/23					Wednesday 05/24/23					Thursday 05/25/23					Friday 05/26/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$5.65	152	686	838	C	\$5.65	148	810	958	C	\$5.65	127	763	890	C	\$5.65	163	738	901	C	\$5.65	161	567	728	B
1500 - 1600	\$5.65	133	704	837	C	\$5.65	120	694	814	C	\$5.65	134	686	820	C	\$5.65	141	692	833	C	\$5.65	160	489	649	B
1600 - 1700	\$3.15	122	610	732	B	\$5.65	133	647	780	B	\$5.65	137	631	768	B	\$5.65	142	655	797	B	\$3.15	160	455	615	B
1700 - 1800	\$3.15	142	585	727	B	\$3.15	136	651	787	B	\$3.15	153	609	762	B	\$3.15	143	630	773	B	\$3.15	184	550	734	B
1800 - 1900	\$3.15	174	666	840	C	\$3.15	157	591	748	B	\$3.15	150	632	782	B	\$3.15	151	633	784	B	\$3.15	223	548	771	B
1900 - 2000	\$3.15	144	407	551	B	\$3.15	143	603	746	B	\$3.15	173	595	768	B	\$3.15	163	626	789	B	\$3.15	172	391	563	B

PM Time	Monday 05/29/23					Tuesday 05/30/23					Wednesday 05/31/23					Thursday 06/01/23					Friday 06/02/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$2.10	110	204	314	A	\$5.65	146	797	943	C	\$5.65	118	671	789	B										
1500 - 1600	\$2.10	137	239	376	A	\$5.65	150	681	831	C	\$5.65	151	735	886	C										
1600 - 1700	\$2.10	113	198	311	A	\$5.65	122	624	746	B	\$5.65	151	668	819	C										
1700 - 1800	\$2.10	129	197	326	A	\$3.15	151	602	753	B	\$3.15	133	618	751	B										
1800 - 1900	\$2.10	132	163	295	A	\$3.15	169	644	813	C	\$3.15	162	658	820	C										
1900 - 2000	\$2.10	147	186	333	A	\$3.15	112	468	580	B	\$3.15	161	508	669	B										



# RCTC WESTBOUND PEAK-HOUR VOLUMES

Westbound AM Peak - McKinley to County Line

AM Time	Monday 05/01/23					Tuesday 05/02/23					Wednesday 05/03/23					Thursday 05/04/23					Friday 05/05/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$2.40	225	424	649	B	\$2.40	228	404	632	B	\$2.40	234	423	657	B	\$2.40	221	385	606	B	\$2.40	205	414	619	B
0500 - 0600	\$11.65	409	1,095	1,504	F	\$11.65	484	1,081	1,565	F	\$11.65	499	1,041	1,540	F	\$9.85	454	1,005	1,459	F	\$5.65	397	926	1,323	E
0600 - 0700	\$19.45	392	1,103	1,495	F	\$19.05	427	1,320	1,747	F	\$19.05	433	1,274	1,707	F	\$18.00	431	1,072	1,503	F	\$10.90	371	1,060	1,431	F
0700 - 0800	\$15.60	416	1,142	1,558	F	\$16.35	422	1,299	1,721	F	\$16.35	417	1,267	1,684	F	\$15.30	420	1,135	1,555	F	\$8.35	351	1,031	1,382	F
0800 - 0900	\$8.35	209	1,230	1,439	F	\$10.10	241	1,421	1,662	F	\$10.10	223	1,173	1,396	F	\$9.05	238	1,222	1,460	F	\$5.65	199	907	1,106	D
0900 - 1000	\$5.65	229	1,305	1,534	F	\$5.65	171	1,141	1,312	E	\$5.65	193	1,081	1,274	E	\$5.65	205	1,136	1,341	E	\$4.45	147	827	974	C

AM Time	Monday 05/08/23					Tuesday 05/09/23					Wednesday 05/10/23					Thursday 05/11/23					Friday 05/12/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$2.40	210	423	633	B	\$2.40	208	413	621	B	\$2.40	231	436	667	B	\$2.40	239	419	658	B	\$2.40	202	371	573	B
0500 - 0600	\$11.65	438	1,101	1,539	F	\$11.65	464	1,092	1,556	F	\$11.65	491	1,098	1,589	F	\$9.85	461	1,090	1,551	F	\$5.65	411	973	1,384	F
0600 - 0700	\$19.45	454	1,273	1,727	F	\$19.05	418	1,230	1,648	F	\$19.05	408	1,275	1,683	F	\$18.00	414	1,328	1,742	F	\$10.90	392	1,128	1,520	F
0700 - 0800	\$15.60	398	1,171	1,569	F	\$16.35	428	1,289	1,717	F	\$16.35	429	1,213	1,642	F	\$15.30	405	1,215	1,620	F	\$8.35	350	909	1,259	E
0800 - 0900	\$8.35	201	1,164	1,365	F	\$10.10	241	1,331	1,572	F	\$10.10	211	1,430	1,641	F	\$9.05	225	1,087	1,312	E	\$5.65	209	930	1,139	D
0900 - 1000	\$5.65	189	968	1,157	D	\$5.65	182	1,039	1,221	E	\$5.65	195	1,161	1,356	F	\$5.65	174	868	1,042	D	\$4.45	147	812	959	C

AM Time	Monday 05/15/23					Tuesday 05/16/23					Wednesday 05/17/23					Thursday 05/18/23					Friday 05/19/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$2.40	225	424	649	B	\$2.40	248	445	693	B	\$2.40	237	433	670	B	\$2.40	234	420	654	B	\$2.40	199	382	581	B
0500 - 0600	\$11.65	457	1,152	1,609	F	\$11.65	467	1,145	1,612	F	\$11.65	446	1,112	1,558	F	\$9.85	483	1,143	1,626	F	\$5.65	445	1,090	1,535	F
0600 - 0700	\$19.45	412	1,208	1,620	F	\$19.05	388	1,159	1,547	F	\$19.05	450	1,286	1,736	F	\$18.00	406	1,252	1,658	F	\$10.90	397	1,131	1,528	F
0700 - 0800	\$15.60	406	1,072	1,478	F	\$16.35	471	1,326	1,797	F	\$16.35	446	1,275	1,721	F	\$15.30	401	1,280	1,681	F	\$8.35	344	1,007	1,351	F
0800 - 0900	\$8.35	257	1,333	1,590	F	\$10.10	267	1,342	1,609	F	\$10.10	234	1,295	1,529	F	\$9.05	247	1,265	1,512	F	\$5.65	204	851	1,055	D
0900 - 1000	\$5.65	174	917	1,091	D	\$5.65	192	1,106	1,298	E	\$5.65	191	1,171	1,362	F	\$5.65	221	1,170	1,391	F	\$4.45	167	824	991	C

AM Time	Monday 05/22/23					Tuesday 05/23/23					Wednesday 05/24/23					Thursday 05/25/23					Friday 05/26/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$2.40	234	399	633	B	\$2.40	239	420	659	B	\$2.40	235	427	662	B	\$2.40	270	402	672	B	\$2.40	200	354	554	B
0500 - 0600	\$11.65	475	1,148	1,623	F	\$11.65	500	1,160	1,660	F	\$11.65	475	1,137	1,612	F	\$9.85	488	1,093	1,581	F	\$5.65	414	970	1,384	F
0600 - 0700	\$19.45	387	1,162	1,549	F	\$19.05	432	1,177	1,609	F	\$19.05	422	1,195	1,617	F	\$18.00	446	1,261	1,707	F	\$10.90	371	1,000	1,371	F
0700 - 0800	\$15.60	416	1,232	1,648	F	\$16.35	399	1,202	1,601	F	\$16.35	411	1,308	1,719	F	\$15.30	435	1,205	1,640	F	\$8.35	302	810	1,112	D
0800 - 0900	\$8.35	205	1,047	1,252	E	\$10.10	246	1,355	1,601	F	\$10.10	264	1,393	1,657	F	\$9.05	236	974	1,210	E	\$5.65	197	734	931	C
0900 - 1000	\$5.65	164	789	953	C	\$5.65	179	1,100	1,279	E	\$5.65	218	1,342	1,560	F	\$5.65	202	869	1,071	D	\$4.45	193	684	877	C

AM Time	Monday 05/29/23					Tuesday 05/30/23					Wednesday 05/31/23					Thursday 06/01/23					Friday 06/02/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$1.65	31	28	59	A	\$2.40	229	435	664	B	\$2.40	235	394	629	B										
0500 - 0600	\$1.65	32	66	98	A	\$11.65	498	1,145	1,643	F	\$11.65	502	1,103	1,605	F										
0600 - 0700	\$1.65	47	101	148	A	\$19.05	446	1,205	1,651	F	\$19.05	450	1,257	1,707	F										
0700 - 0800	\$1.65	92	177	269	A	\$16.35	454	1,287	1,741	F	\$16.35	429	1,208	1,637	F										
0800 - 0900	\$2.40	137	284	421	B	\$10.10	251	1,272	1,523	F	\$10.10	222	1,085	1,307	E										
0900 - 1000	\$2.40	301	500	801	C	\$5.65	187	943	1,130	D	\$5.65	162	798	960	C										

**Westbound AM Peak - I-15 North to County Line**

	Monday 05/01/23					Tuesday 05/02/23					Wednesday 05/03/23					Thursday 05/04/23					Friday 05/05/23				
AM Time	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$3.15	183	467	650	B	\$3.15	183	469	652	B	\$3.15	181	453	634	B	\$3.15	185	420	605	B	\$3.15	145	371	516	B
0500 - 0600	\$9.40	283	980	1,263	E	\$9.40	286	963	1,249	E	\$9.40	287	1,011	1,298	E	\$9.40	298	941	1,239	E	\$7.30	264	843	1,107	D
0600 - 0700	\$10.50	307	1,080	1,387	E	\$10.85	298	1,300	1,598	F	\$10.85	319	1,232	1,551	F	\$10.85	324	1,041	1,365	E	\$7.30	271	962	1,233	E
0700 - 0800	\$9.40	220	967	1,187	D	\$9.40	225	1,229	1,454	F	\$10.50	217	1,127	1,344	E	\$9.40	231	1,044	1,275	E	\$7.30	187	893	1,080	D
0800 - 0900	\$7.30	122	1,100	1,222	E	\$7.30	153	1,147	1,300	E	\$7.30	144	1,142	1,286	E	\$7.30	149	1,058	1,207	E	\$5.65	135	826	961	C
0900 - 1000	\$5.65	120	866	986	C	\$5.65	138	929	1,067	D	\$5.65	142	910	1,052	D	\$5.65	141	1,014	1,155	D	\$5.65	115	680	795	B

	Monday 05/08/23					Tuesday 05/09/23					Wednesday 05/10/23					Thursday 05/11/23					Friday 05/12/23				
AM Time	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$3.15	177	429	606	B	\$3.15	194	453	647	B	\$3.15	187	477	664	B	\$3.15	187	453	640	B	\$3.15	146	372	518	B
0500 - 0600	\$9.40	294	1,014	1,308	E	\$9.40	292	1,029	1,321	E	\$9.40	315	1,033	1,348	E	\$9.40	291	1,024	1,315	E	\$7.30	276	855	1,131	D
0600 - 0700	\$10.50	295	1,137	1,432	F	\$10.85	314	1,231	1,545	F	\$10.85	322	1,198	1,520	F	\$10.85	328	1,211	1,539	F	\$7.30	249	1,014	1,263	D
0700 - 0800	\$9.40	234	1,097	1,331	E	\$9.40	237	1,190	1,427	F	\$10.50	257	1,223	1,480	F	\$9.40	226	1,087	1,313	E	\$7.30	179	850	1,029	D
0800 - 0900	\$7.30	159	1,066	1,225	E	\$7.30	129	1,027	1,156	D	\$7.30	137	1,172	1,309	E	\$7.30	139	1,075	1,214	E	\$5.65	139	807	946	C
0900 - 1000	\$5.65	125	897	1,022	D	\$5.65	119	906	1,025	D	\$5.65	124	871	995	C	\$5.65	114	826	940	C	\$5.65	146	712	858	C

	Monday 05/15/23					Tuesday 05/16/23					Wednesday 05/17/23					Thursday 05/18/23					Friday 05/19/23				
AM Time	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$3.15	176	508	684	B	\$3.15	196	505	701	B	\$3.15	179	457	636	B	\$3.15	194	446	640	B	\$3.15	157	412	569	B
0500 - 0600	\$9.40	292	1,018	1,310	E	\$9.40	289	1,068	1,357	E	\$9.40	284	1,112	1,396	E	\$9.40	312	1,037	1,349	E	\$7.30	252	894	1,146	D
0600 - 0700	\$10.50	295	1,212	1,507	F	\$10.85	333	1,277	1,610	F	\$10.85	320	1,242	1,562	F	\$10.85	282	1,240	1,522	F	\$7.30	269	947	1,216	E
0700 - 0800	\$9.40	230	1,098	1,328	E	\$9.40	239	1,096	1,335	E	\$10.50	254	1,093	1,347	E	\$9.40	239	1,112	1,351	E	\$7.30	207	891	1,098	D
0800 - 0900	\$7.30	135	1,129	1,264	E	\$7.30	161	1,103	1,264	E	\$7.30	169	1,138	1,307	E	\$7.30	151	1,069	1,220	E	\$5.65	127	896	1,023	D
0900 - 1000	\$5.65	123	851	974	C	\$5.65	147	1,007	1,154	D	\$5.65	124	939	1,063	D	\$5.65	157	880	1,037	D	\$5.65	109	683	792	B

	Monday 05/22/23					Tuesday 05/23/23					Wednesday 05/24/23					Thursday 05/25/23					Friday 05/26/23				
AM Time	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$3.15	167	490	657	B	\$3.15	200	501	701	B	\$3.15	199	446	645	B	\$3.15	178	456	634	B	\$3.15	136	380	516	B
0500 - 0600	\$9.40	298	1,018	1,316	E	\$9.40	310	1,036	1,346	E	\$9.40	319	1,035	1,354	E	\$9.40	301	1,042	1,343	E	\$7.30	226	809	1,035	D
0600 - 0700	\$10.50	278	1,082	1,360	E	\$10.85	319	1,227	1,546	F	\$10.85	337	1,219	1,556	F	\$10.85	315	1,184	1,499	F	\$7.30	264	903	1,167	D
0700 - 0800	\$9.40	226	1,065	1,291	E	\$9.40	237	1,143	1,380	E	\$10.50	209	1,123	1,332	E	\$9.40	204	1,048	1,252	E	\$7.30	163	722	885	C
0800 - 0900	\$7.30	150	1,077	1,227	E	\$7.30	138	1,154	1,292	E	\$7.30	140	1,234	1,374	E	\$7.30	136	1,049	1,185	D	\$5.65	123	739	862	C
0900 - 1000	\$5.65	181	846	1,027	D	\$5.65	151	922	1,073	D	\$5.65	112	844	956	C	\$5.65	156	841	997	C	\$5.65	124	651	775	B

	Monday 05/29/23					Tuesday 05/30/23					Wednesday 05/31/23					Thursday 06/01/23					Friday 06/02/23				
AM Time	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$2.10	20	41	61	A	\$3.15	200	521	721	B	\$3.15	213	501	714	B										
0500 - 0600	\$2.10	36	89	125	A	\$9.40	287	1,039	1,326	E	\$9.40	305	1,020	1,325	E										
0600 - 0700	\$2.10	33	121	154	A	\$10.85	322	1,244	1,566	F	\$10.85	327	1,190	1,517	F										
0700 - 0800	\$2.10	54	117	171	A	\$9.40	208	1,093	1,301	E	\$10.50	205	1,135	1,340	E										
0800 - 0900	\$2.10	73	214	287	A	\$7.30	138	1,139	1,277	E	\$7.30	134	1,109	1,243	E										
0900 - 1000	\$2.10	130	265	395	A	\$5.65	129	890	1,019	D	\$5.65	124	826	950	C										

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## RCTC OPERATIONAL HIGHLIGHTS

### On-Road Operations

RCTC Freeway Service Patrol responded to 70 calls during the month of May. Of those calls, 52 were to assist disabled vehicles, 10 calls to remove debris, and eight were in response to accidents that affected the 91 EL.

# FINANCIAL HIGHLIGHTS RCTC

## RCTC 91 Express Lanes Operating Statement

Description	YTD as of :		YTD Variance	
	Actual <sup>1</sup>	5/31/2023 Budget	Dollar \$	Percent (%)
<b>Operating revenues:</b>				
Toll Revenue	\$ 57,398,000.89	\$ 52,768,833.33	\$ 4,629,167.56	8.8
Fee Revenue	5,281,840.42	5,938,900.00	(657,059.58)	(11.1)
<b>Total operating revenues</b>	<b>62,679,841.31</b>	<b>58,707,733.33</b>	<b>3,972,107.98</b>	<b>6.8</b>
<b>Operating expenses:</b>				
Salaries and Benefits	725,470.24	738,375.00	12,904.76	1.7
Legal Services	36,040.95	116,050.00	80,009.05	68.9
Advisory Services	48,427.95	69,666.67	21,238.72	30.5
Audit and Accounting Fees	31,096.00	38,958.33	7,862.33	20.2
Service Fees	4,735.12	11,916.67	7,181.55	60.3
Other Professional Services	537,390.47	1,141,250.00	603,859.53	52.9
Lease Expense	233,996.61	305,891.67	71,895.06	23.5
Operations	2,124,186.30	4,264,333.33	2,140,147.03	50.2
Utilities	42,835.52	66,550.00	23,714.48	35.6
Supplies and Materials	5,172.99	9,716.67	4,543.68	46.8
Membership and Subscription Fees	29,076.29	39,691.67	10,615.38	26.7
Office Equipment & Furniture (Non-Capital)	-	73,333.33	73,333.33	100.0
Maintenance/Repairs	234,295.71	403,333.33	169,037.62	41.9
Training Seminars and Conferences	3,443.75	6,508.33	3,064.58	47.1
Transportation Expenses	1,567.53	2,658.33	1,090.80	41.0
Lodging	3,105.24	2,291.67	(813.57)	(35.5)
Meals	494.98	2,750.00	2,255.02	82.0
Other Staff Expenses	323.47	458.33	134.86	29.4
Advertising	-	137,500.00	137,500.00	100.0
Program Management	58,457.77	48,033.33	(10,424.44)	(21.7)
Program Operations	1,701,510.66	7,643,808.33	5,942,297.67	77.7
Litigation Settlement	-	-	-	N/A
Furniture & Equipment	4,160.23	68,750.00	64,589.77	93.9
Improvements	-	18,333.33	18,333.33	100.0
Bad Debt Expense	589.40	-	(589.40)	N/A
<b>Total operating expenses</b>	<b>5,826,377.18</b>	<b>15,210,158.33</b>	<b>9,383,781.15</b>	<b>61.7</b>
<b>Operating income (loss)</b>	<b>56,853,464.13</b>	<b>43,497,575.00</b>	<b>13,355,889.13</b>	<b>30.7</b>
<b>Nonoperating revenues (expenses):</b>				
Interest Revenue	2,904,714.20	102,850.00	2,801,864.20	(2,724.2)
Other Miscellaneous Revenue	42,551.75	-	42,551.75	N/A
Loss on Refunding	-	-	-	N/A
Principal Expense	-	-	-	N/A
Interest Expense	(18,451,244.48)	(20,350,916.67)	1,899,672.19	(9.3)
<b>Total nonoperating revenues (expenses)</b>	<b>(15,503,978.53)</b>	<b>(20,248,066.67)</b>	<b>4,744,088.14</b>	<b>23.4</b>
Transfers In	42.90	-	42.90	N/A
Transfers Out	(868,000.00)	(1,140,975.00)	272,975.00	(23.9)
<b>Net income (loss)</b>	<b>\$ 40,481,528.50</b>	<b>\$ 22,108,533.33</b>	<b>\$ 18,372,995.17</b>	<b>83.1</b>

<sup>1</sup> Unaudited

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## JOINT AGENCY TRIP AND REVENUE STATISTICS

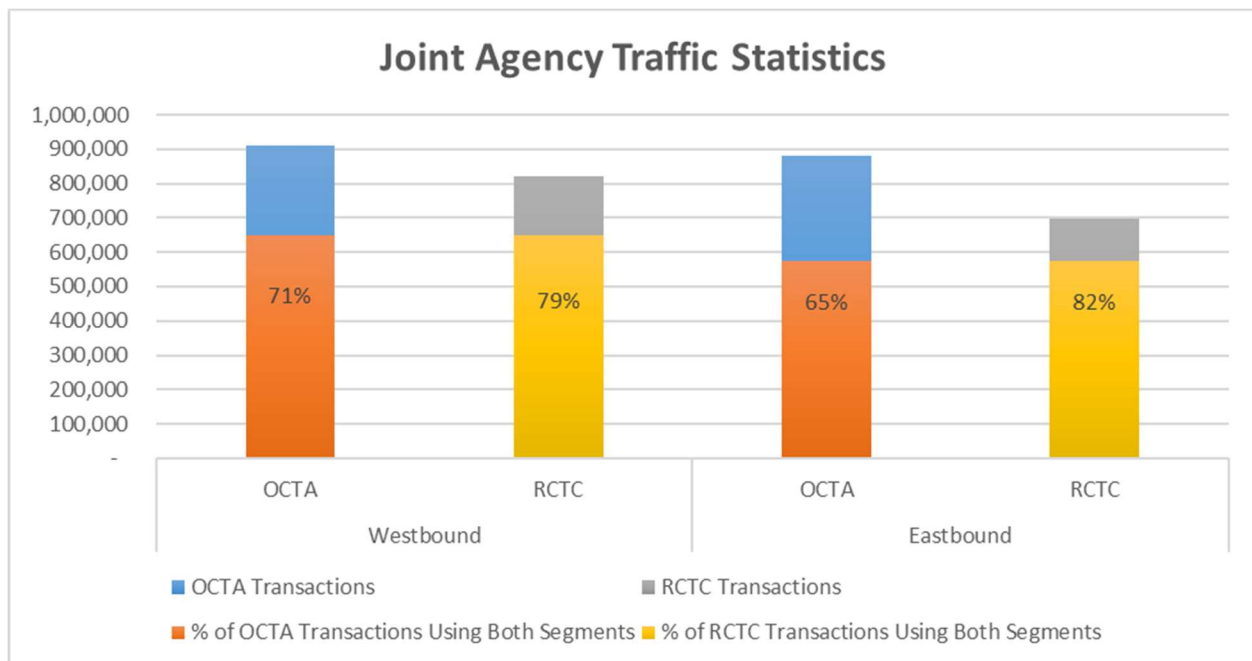
### MULTI AGENCY TRIP AND REVENUE STATISTICS

MONTH ENDING

May 31, 2023

MTD	Transactions by Agency	Transactions Using Both Segments	% Using Both Segments	Revenue
<b>Westbound</b>				
OCTA	908,463	648,519	71%	\$2,608,863.85
RCTC	821,887	648,519	79%	\$3,736,223.95
<b>Eastbound</b>				
OCTA	880,897	573,173	65%	\$3,017,053.45
RCTC	699,318	573,173	82%	\$2,608,234.04

## JOINT AGENCY TRAFFIC STATISTICS



## JOINT AGENCY PERFORMANCE MEASURES

REPORTING REQUIREMENT	REPORTING PERIOD	PERFORMANCE STANDARD	MAY 2023 PERFORMANCE
<b>Customer Service</b>			
Service Level /Speed of Answer	Monthly	80% answered within 60 seconds	79.8% answered within 60 seconds
Abandon Percentage	Monthly	4 % <	1.6%
Customer Satisfaction Score	Monthly	4.5 =>	4.87
First Contact Resolution	Monthly	85% of calls resolved on the first contact	94%
<b>Timeliness of Case Resolution</b>	Monthly	90% of cases resolved in one (1) business day	99.5%
	Monthly	98% of cases resolved within five (5) business days	99.9%
<b>Mail Performance</b>			
Processing Returned Mail	Monthly	Per business day in which 90% of returned mail is processed within three (3) business days	100%
	Monthly	Per business Day in which 100% of returned mail is processed within five (5) Business Days	100%
Research and resolve unidentified Payments	Monthly	100% of all unidentified payments are completely and accurately resolved within five (5) business days	100%
Payment Processing	Monthly	Per business day in which 100% of payments are processed within two (2) business days	100%
<b>Accounting</b>			
Customer Refunds Processed	Monthly	Per business day in which 100% of all refunds are completely and accurately issued within five (5) business days	100%

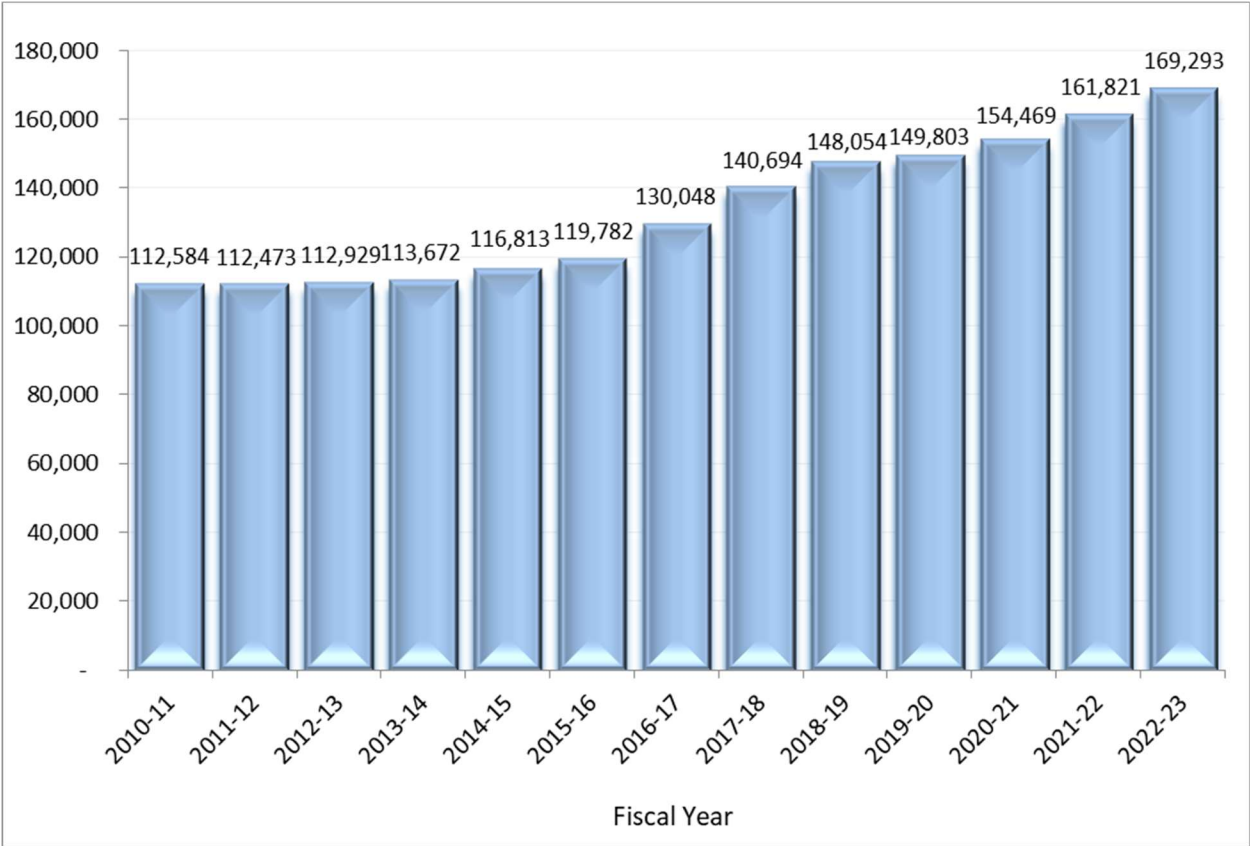
Key Performance Indicator (KPI) for service level was not achieved due to higher-than-normal call volume following the Memorial Day holiday. This affected the customer service center's ability to answer calls within the KPI requirement.

## JOINT AGENCY TRANSPONDER DISTRIBUTION

6C TRANSPONDER DISTRIBUTION	May 23		April -23		FY 2022-23	
	Tags	% of Total	Tags	% of Total	Average To-Date	
Issued						
To New Accounts	1921	22.2%	2090	21.2%	1069	14%
Additional Tags to Existing Accounts	6650	76.9	6369	78.8%	6731	86%
Replacement Transponders	69	.9%	1	0.0%	7	0.1%
Total Issued	8640		8460		7807	

At the end of May 2023, the 91 EL had 169,293 active customer accounts and 663,834 transponders classified as assigned.

**Number of Accounts by FY**  
**As of May 31, 2023**









**Orange County Transportation Authority  
Riverside County Transportation Commission**



Status Report  
June 2023

As of June 30, 2023

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# OPERATIONS OVERVIEW OCTA

## TRAFFIC AND REVENUE STATISTICS FOR OCTA

Total traffic volume on the 91 Express Lanes (91 EL) for June 2023 was 1,771,896. This represents a daily average of 59,063 vehicles. This is a 7.2 percent increase in total traffic volume from the same period last year, which totaled 1,652,514. Potential toll revenue for June was \$5,469,630, which represents an increase of nine percent from the prior year's total of \$5,020,161. Carpool percentage for June was 24.7 percent as compared to the previous year's rate of 24.3 percent.

Month-to-date (MTD) traffic and revenue data is summarized in the table below. The following trip and revenue statistics tables represent all trips taken on the Orange County Transportation Authority (OCTA) 91 EL and associated potential revenue for the month of June 2023.

### Current MTD as of June 30, 2023

	JUN-23 MTD Actual	JUN-22 MTD Actual	Yr-to-Yr % Variance
<b>Trips</b>			
Full Toll Lanes	1,333,356	1,251,644	6.5%
3+ Lanes	438,540	400,870	9.4%
Total Gross Trips	1,771,896	1,652,514	7.2%
<b>Revenue</b>			
Full Toll Lanes	\$5,404,131	\$4,958,376	9.0%
3+ Lanes	\$65,499	\$61,785	6.0%
Total Gross Revenue	\$5,469,630	\$5,020,161	9.0%
<b>Average Revenue per Trip</b>			
Average Full Toll Lanes	\$4.05	\$3.96	2.3%
Average 3+ Lanes	\$0.15	\$0.15	0.0%
Average Gross Revenue	\$3.09	\$3.04	1.6%

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The 2023 fiscal year-to-date (YTD) traffic volume decreased by 0.4 percent, and potential toll revenue increased by 2.1 percent when compared with the same period the prior year. YTD average revenue per trip is \$3.16.

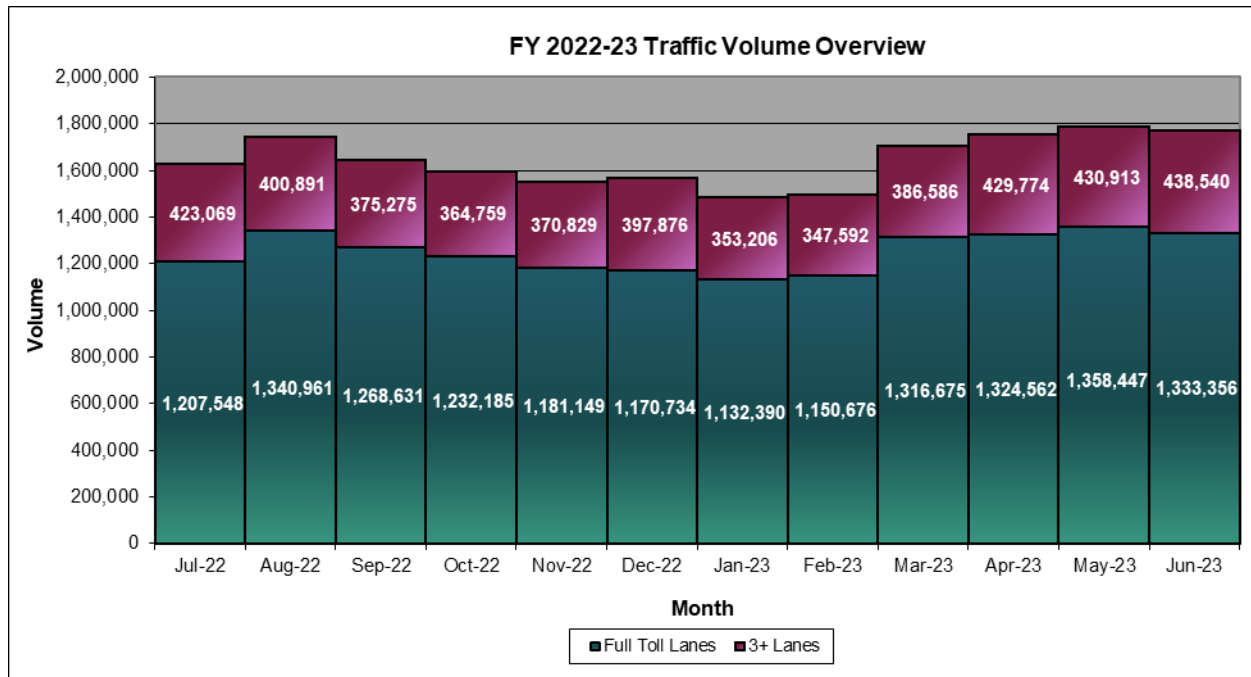
Fiscal YTD traffic and revenue data are summarized in the table below. The following trip and revenue statistics tables represent all trips taken on the OCTA 91 EL and associated potential revenue for the months of July 2022 through June 2023.

**Fiscal Year (FY) 2022-23 YTD as of June 30, 2023**

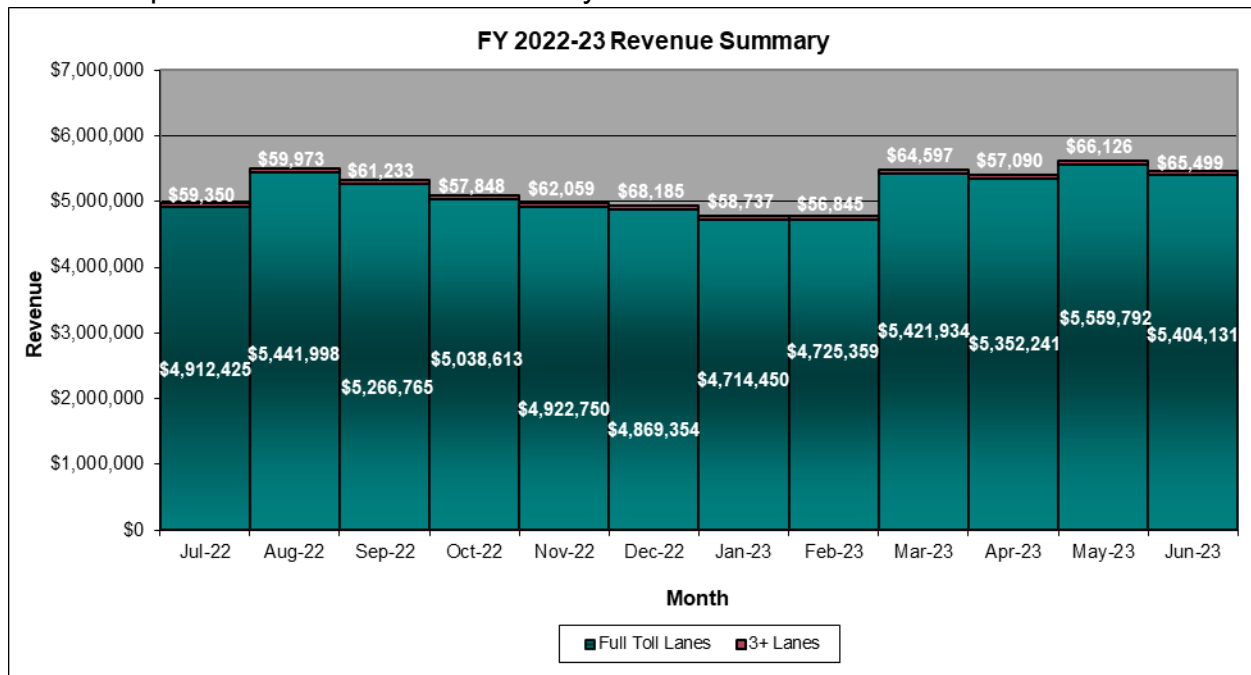
	FY 2022-23 YTD Actual (7/2022-6/2023)	FY 2021-22 YTD Actual (7/2021-6/2022)	Yr-to-Yr % Variance
<b>Trips</b>			
Full Toll Lanes	15,017,314	15,224,706	(1.4%)
3+ Lanes	4,719,310	4,585,550	2.9%
Total Gross Trips	19,736,624	19,810,256	(0.4%)
<b>Revenue</b>			
Full Toll Lanes	\$61,629,811	\$60,428,192	2.0%
3+ Lanes	\$737,541	\$645,593	14.2%
Total Gross Revenue	\$62,367,352	\$61,073,785	2.1%
<b>Average Revenue per Trip</b>			
Average Full Toll Lanes	\$4.10	\$3.97	3.3%
Average 3+ Lanes	\$0.16	\$0.14	14.3%
Average Gross Revenue	\$3.16	\$3.08	2.6%

## OCTA Traffic and Revenue Summary

The chart below reflects the total trips breakdown between full toll trips and high-occupancy vehicle (HOV3+) trips for FY 2022-23 on a monthly basis.



The chart below reflects the gross potential revenue breakdown between full toll trips and HOV3+ trips for FY 2022-23 on a monthly basis.



## OCTA PEAK-HOUR VOLUMES

Peak-hour traffic in the eastbound and westbound directions reached or exceeded 90 percent of defined capacity 9 times during the month of June 2023. As demonstrated on the next chart, westbound peak-hour traffic volumes top out at 97 percent of defined capacity.

## OCTA EASTBOUND PEAK-HOUR VOLUMES

### EASTBOUND WEEKDAY PEAK VOLUME:

PM Time	Monday 05/29/23				Tuesday 05/30/23				Wednesday 05/31/23				Thursday 06/01/23				Friday 06/02/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500													\$7.70	530	3,095	91%	\$8.60	480	2,744	81%
1500 - 1600													\$7.45	536	3,015	89%	\$8.15	546	2,835	83%
1600 - 1700													\$7.00	495	2,972	87%	\$6.95	502	2,634	77%
1700 - 1800													\$6.70	488	3,003	88%	\$6.95	494	2,629	77%
1800 - 1900													\$4.50	632	2,970	87%	\$6.95	617	2,623	77%
1900 - 2000													\$5.75	539	2,176	64%	\$6.45	549	2,043	60%

PM Time	Monday 06/05/23				Tuesday 06/06/23				Wednesday 06/07/23				Thursday 06/08/23				Friday 06/09/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500	\$5.30	502	2,887	85%	\$5.30	486	2,941	87%	\$5.30	501	3,054	90%	\$7.70	557	2,852	84%	\$8.60	555	2,887	85%
1500 - 1600	\$5.65	518	3,019	89%	\$5.75	527	3,004	88%	\$7.45	523	2,569	76%	\$7.45	499	2,882	85%	\$8.15	523	2,700	79%
1600 - 1700	\$5.10	454	2,953	87%	\$5.25	444	2,863	84%	\$6.50	401	2,320	68%	\$7.00	503	3,061	90%	\$6.95	563	2,873	85%
1700 - 1800	\$4.95	472	2,781	82%	\$4.90	517	2,865	84%	\$5.40	565	3,231	95%	\$6.70	511	2,871	84%	\$6.95	572	2,897	85%
1800 - 1900	\$5.65	554	2,591	76%	\$4.05	603	2,946	87%	\$4.05	542	2,905	85%	\$4.50	617	2,883	85%	\$6.95	649	2,577	76%
1900 - 2000	\$3.95	363	1,442	42%	\$3.95	495	2,036	60%	\$3.95	576	2,438	72%	\$5.75	501	2,189	64%	\$6.45	580	2,083	61%

PM Time	Monday 06/12/23				Tuesday 06/13/23				Wednesday 06/14/23				Thursday 06/15/23				Friday 06/16/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500	\$5.30	509	2,933	86%	\$5.30	526	2,998	88%	\$5.30	488	3,055	90%	\$7.70	582	2,979	88%	\$8.60	558	2,818	83%
1500 - 1600	\$5.65	486	3,007	88%	\$5.75	526	3,044	90%	\$7.45	538	2,957	87%	\$7.45	543	2,967	87%	\$8.15	529	2,808	83%
1600 - 1700	\$5.10	483	2,948	87%	\$5.25	463	3,015	89%	\$6.50	470	2,949	87%	\$7.00	502	2,988	88%	\$6.95	539	2,909	86%
1700 - 1800	\$4.95	492	2,945	87%	\$4.90	506	2,844	84%	\$5.40	482	2,927	86%	\$6.70	531	3,006	88%	\$6.95	567	2,882	85%
1800 - 1900	\$5.65	513	2,410	71%	\$4.05	547	2,921	86%	\$4.05	562	2,882	85%	\$4.50	533	2,663	78%	\$6.95	586	2,392	70%
1900 - 2000	\$3.95	418	1,451	43%	\$3.95	452	1,890	56%	\$3.95	587	2,663	78%	\$5.75	571	2,385	70%	\$6.45	603	2,047	60%

PM Time	Monday 06/19/23				Tuesday 06/20/23				Wednesday 06/21/23				Thursday 06/22/23				Friday 06/23/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500	\$5.30	527	2,804	82%	\$5.30	502	2,858	84%	\$5.30	494	2,888	85%	\$7.70	519	3,000	88%	\$8.60	556	2,854	84%
1500 - 1600	\$5.65	506	2,744	81%	\$5.75	519	2,864	84%	\$7.45	508	2,836	83%	\$7.45	491	2,850	84%	\$8.15	532	2,832	83%
1600 - 1700	\$5.10	496	2,894	85%	\$5.25	457	3,024	89%	\$6.50	448	2,872	84%	\$7.00	470	2,800	82%	\$6.95	534	2,773	82%
1700 - 1800	\$4.95	573	2,950	87%	\$4.90	481	2,837	83%	\$5.40	482	2,821	83%	\$6.70	465	2,647	78%	\$6.95	541	2,777	82%
1800 - 1900	\$5.65	563	2,155	63%	\$4.05	576	2,954	87%	\$4.05	507	2,537	75%	\$4.50	523	2,639	78%	\$6.95	625	2,522	74%
1900 - 2000	\$3.95	438	1,419	42%	\$3.95	530	2,349	69%	\$3.95	628	2,750	81%	\$5.75	519	2,194	65%	\$6.45	572	2,101	62%

PM Time	Monday 06/26/23				Tuesday 06/27/23				Wednesday 06/28/23				Thursday 06/29/23				Friday 06/30/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
1400 - 1500	\$5.30	501	2,767	81%	\$5.30	490	2,928	86%	\$5.30	527	2,925	86%	\$7.70	523	2,960	87%	\$8.60	585	2,857	84%
1500 - 1600	\$5.65	458	2,794	82%	\$5.75	503	2,765	81%	\$7.45	450	2,453	72%	\$7.45	507	2,864	84%	\$8.15	571	2,867	84%
1600 - 1700	\$5.10	466	2,831	83%	\$5.25	330	2,061	61%	\$6.50	484	3,013	89%	\$7.00	451	2,788	82%	\$6.95	508	2,619	77%
1700 - 1800	\$4.95	488	2,790	82%	\$4.90	490	2,758	81%	\$5.40	471	2,825	83%	\$6.70	528	2,879	85%	\$6.95	486	2,798	82%
1800 - 1900	\$5.65	585	2,847	84%	\$4.05	574	2,843	84%	\$4.05	566	2,775	82%	\$4.50	607	2,806	83%	\$6.95	608	2,394	70%
1900 - 2000	\$3.95	403	1,851	54%	\$3.95	547	2,529	74%	\$3.95	656	2,634	77%	\$5.75	638	2,715	80%	\$6.45	649	2,212	65%

## OCTA WESTBOUND PEAK-HOUR VOLUMES

### WESTBOUND WEEKDAY PEAK VOLUME:

AM Time	Monday 05/29/23				Tuesday 05/30/23				Wednesday 05/31/23				Thursday 06/01/23				Friday 06/02/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500													\$3.15	450	1,240	36%	\$3.25	382	1,062	31%
0500 - 0600													\$5.10	815	2,851	84%	\$5.00	729	2,504	74%
0600 - 0700													\$5.30	700	2,985	88%	\$5.25	600	2,651	78%
0700 - 0800													\$5.80	690	2,893	85%	\$5.80	559	2,408	71%
0800 - 0900													\$5.30	389	2,416	71%	\$5.25	364	2,269	67%
0900 - 1000													\$4.20	370	2,278	67%	\$4.35	323	1,984	58%

AM Time	Monday 06/05/23				Tuesday 06/06/23				Wednesday 06/07/23				Thursday 06/08/23				Friday 06/09/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500	\$3.15	459	1,288	38%	\$3.15	459	1,222	36%	\$3.15	454	1,214	36%	\$3.15	463	1,213	36%	\$3.25	377	1,024	30%
0500 - 0600	\$5.10	817	2,787	82%	\$5.10	807	2,841	84%	\$5.10	816	2,860	84%	\$5.10	772	2,742	81%	\$5.00	671	2,347	69%
0600 - 0700	\$5.30	629	2,979	88%	\$5.30	650	3,025	89%	\$5.30	773	3,304	97%	\$5.30	686	3,052	90%	\$5.25	619	2,715	80%
0700 - 0800	\$5.80	585	2,374	70%	\$5.80	581	2,822	83%	\$5.80	636	2,926	86%	\$5.80	599	2,685	79%	\$5.80	496	2,412	71%
0800 - 0900	\$5.30	395	2,172	64%	\$5.30	391	2,561	75%	\$5.30	426	2,531	74%	\$5.30	380	2,392	70%	\$5.25	403	2,334	69%
0900 - 1000	\$4.20	483	2,669	79%	\$4.20	332	2,197	65%	\$4.20	326	1,965	58%	\$4.20	373	2,199	65%	\$4.35	430	2,045	60%

AM Time	Monday 06/12/23				Tuesday 06/13/23				Wednesday 06/14/23				Thursday 06/15/23				Friday 06/16/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500	\$3.15	450	1,263	37%	\$3.15	442	1,247	37%	\$3.15	467	1,285	38%	\$3.15	459	1,265	37%	\$3.25	386	1,063	31%
0500 - 0600	\$5.10	811	2,913	86%	\$5.10	796	2,804	82%	\$5.10	885	3,195	94%	\$5.10	800	2,838	83%	\$5.00	666	2,406	71%
0600 - 0700	\$5.30	648	3,022	89%	\$5.30	629	2,953	87%	\$5.30	643	3,017	89%	\$5.30	636	2,911	86%	\$5.25	558	2,541	75%
0700 - 0800	\$5.80	513	2,797	82%	\$5.80	551	2,851	84%	\$5.80	535	2,785	82%	\$5.80	552	2,737	81%	\$5.80	442	2,165	64%
0800 - 0900	\$5.30	382	2,530	74%	\$5.30	435	2,595	76%	\$5.30	421	2,561	75%	\$5.30	407	2,669	79%	\$5.25	347	1,900	56%
0900 - 1000	\$4.20	390	2,178	64%	\$4.20	406	2,441	72%	\$4.20	366	2,201	65%	\$4.20	406	2,457	72%	\$4.35	407	1,963	58%

AM Time	Monday 06/19/23				Tuesday 06/20/23				Wednesday 06/21/23				Thursday 06/22/23				Friday 06/23/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500	\$3.15	367	1,074	32%	\$3.15	461	1,300	38%	\$3.15	431	1,231	36%	\$3.15	448	1,220	36%	\$3.25	375	1,010	30%
0500 - 0600	\$5.10	655	2,481	73%	\$5.10	788	2,853	84%	\$5.10	859	2,927	86%	\$5.10	768	2,676	79%	\$5.00	623	2,415	71%
0600 - 0700	\$5.30	493	2,545	75%	\$5.30	646	2,981	88%	\$5.30	642	2,997	88%	\$5.30	651	2,946	87%	\$5.25	574	2,597	76%
0700 - 0800	\$5.80	400	2,076	61%	\$5.80	523	2,832	83%	\$5.80	503	2,706	80%	\$5.80	513	2,649	78%	\$5.80	466	2,187	64%
0800 - 0900	\$5.30	329	1,729	51%	\$5.30	368	2,343	69%	\$5.30	382	2,441	72%	\$5.30	428	2,574	76%	\$5.25	377	1,996	59%
0900 - 1000	\$4.20	403	1,923	57%	\$4.20	471	2,709	80%	\$4.20	470	2,535	75%	\$4.20	383	2,482	73%	\$4.35	366	1,913	56%

AM Time	Monday 06/26/23				Tuesday 06/27/23				Wednesday 06/28/23				Thursday 06/29/23				Friday 06/30/23			
	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.	Price	HOV	Vol.	Cap.
0400 - 0500	\$3.15	419	1,269	37%	\$3.15	448	1,289	38%	\$3.15	454	1,228	36%	\$3.15	453	1,242	37%	\$3.25	376	1,053	31%
0500 - 0600	\$5.10	789	2,759	81%	\$5.10	843	2,914	86%	\$5.10	838	2,901	85%	\$5.10	815	2,805	83%	\$5.00	696	2,341	69%
0600 - 0700	\$5.30	568	2,893	85%	\$5.30	612	3,008	88%	\$5.30	659	3,037	89%	\$5.30	697	3,065	90%	\$5.25	587	2,662	78%
0700 - 0800	\$5.80	490	2,663	78%	\$5.80	537	2,796	82%	\$5.80	501	2,749	81%	\$5.80	509	2,627	77%	\$5.80	428	2,116	62%
0800 - 0900	\$5.30	438	2,522	74%	\$5.30	372	2,383	70%	\$5.30	402	2,479	73%	\$5.30	407	2,380	70%	\$5.25	399	2,151	63%
0900 - 1000	\$4.20	426	2,468	73%	\$4.20	474	2,731	80%	\$4.20	435	2,378	70%	\$4.20	414	2,341	69%	\$4.35	506	2,318	68%

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## OCTA OPERATIONAL HIGHLIGHTS

### **On-Road Operations**

OCTA Freeway Service Patrol responded to 60 calls during the month of June. Of those calls, 16 were to assist disabled vehicles, 23 were to tow vehicles, and 21 were to aid motorists in the 91 EL.



# FINANCIAL HIGHLIGHTS OCTA

## 91 Express Lanes Operating Statement

Description	YTD as of : <b>6/30/2023</b>		YTD Variance	
	Actual <sup>(1)</sup>	Budget <sup>(1)</sup>	Dollar \$	Percent (%)
<b>Operating revenues:</b>				
Toll Revenue	\$ 56,453,440	\$ 50,738,001	\$ 5,715,439	11.3
Fee Revenue	\$ 4,480,507	\$ 3,865,000	\$ 615,507	15.9
<b>Total operating revenues</b>	<b>\$ 60,933,947</b>	<b>\$ 54,603,001</b>	<b>\$ 6,330,946</b>	<b>11.6</b>
<b>Operating expenses:</b>				
Contracted Services	\$ 4,150,919	\$ 7,719,141	\$ 3,568,222	46.2
Administrative Fee	\$ 3,784,342	\$ 3,591,496	\$ (192,846)	(5.4)
Other Professional Services	\$ 1,647,649	\$ 4,503,360	\$ 2,855,711	63.4
Credit Card Processing Fees	\$ 2,000,203	\$ 1,325,000	\$ (675,203)	(51.0)
Toll Road Account Servicing	\$ (639,848)	\$ 900,000	\$ 1,539,848	171.1
Other Insurance Expense	\$ 542,938	\$ 925,000	\$ 382,062	41.3
Toll Road Maintenance Supply Repairs	\$ 798,826	\$ 405,000	\$ (393,826)	(97.2)
Patrol Services	\$ 1,011,294	\$ 1,100,000	\$ 88,706	8.1
Building Equipment Repairs and Maint	\$ 757,538	\$ 873,500	\$ 115,962	13.3
6C Transponders	\$ -	\$ 75,000	\$ 75,000	100.0
Other Services	\$ -	\$ 783,000	\$ 783,000	100.0
Utilities	\$ 104,588	\$ 45,000	\$ (59,588)	(132.4)
Office Expense	\$ (88,381)	\$ 780,500	\$ 868,881	111.3
Bad Debt Expense	\$ (1,699,012)	\$ -	\$ 1,699,012	N/A
Miscellaneous <sup>(2)</sup>	\$ 501,938	\$ 153,150	\$ (348,788)	(227.7)
Leases	\$ 464,532	\$ 535,000	\$ 70,468	13.2
<b>Total operating expenses</b>	<b>\$ 13,338,143</b>	<b>\$ 23,714,147</b>	<b>\$ 10,376,004</b>	<b>43.8</b>
Depreciation and Amortization <sup>(3)</sup>	\$ 5,453,468	\$ -	\$ (5,453,468)	N/A
<b>Operating income (loss)</b>	<b>\$ 42,142,337</b>	<b>\$ 30,888,854</b>	<b>\$ 11,253,483</b>	<b>36.4</b>
<b>Nonoperating revenues (expenses):</b>				
Reimbursement from Other Agencies	\$ 470,602	\$ 300,000	\$ 170,602	56.9
Interest Income	\$ 1,009,998	\$ 1,882,512	\$ (872,514)	(46.3)
Interest Expense	\$ (3,592,293)	\$ (3,699,700)	\$ 107,407	2.9
Other	\$ (2,420)	\$ -	\$ (2,420)	N/A
<b>Total nonoperating revenues (expenses)</b>	<b>\$ (2,114,114)</b>	<b>\$ (1,517,188)</b>	<b>\$ (596,926)</b>	<b>(39.3)</b>
Transfers In	\$ -	\$ -	\$ -	N/A
Transfers Out <sup>(4)</sup>	\$ (10,238,478)	\$ (39,897,000)	\$ 29,658,522	74.3
<b>Net income (loss)</b>	<b>\$ 29,789,745</b>	<b>\$ (10,525,334)</b>	<b>\$ 40,315,079</b>	<b>(383.0)</b>

<sup>1</sup>Actual amounts are accounted for on the accrual basis of accounting in an enterprise fund. Budget amounts are accounted for on a modified accrual basis of accounting.

<sup>2</sup>Miscellaneous expenses include: Bond Insurance Costs, Bank Service Charge, Transponder Materials.

<sup>3</sup>Depreciation and amortization are not budgeted items.

<sup>4</sup>Transfers Out: For M2 Project I and Project J expense reimbursements.

## Capital Asset Activity

During the twelve months ending June 30, 2023, capital asset activities included payments of \$835,718 attributed to the Electronic Toll and Traffic Management system project and \$1,332,812 attributed to the back-office system implementation project.



# OPERATIONS OVERVIEW RCTC

## TRAFFIC AND REVENUE STATISTICS FOR RCTC

Total traffic volume on the 91 EL for June 2023 was 1,500,240. This represents a daily average of 50,008 vehicles. This is a nine percent increase in total traffic volume from the same period last year, which totaled 1,376,554. Potential toll revenue for June was \$6,208,950, which represents an increase of 17.5 percent from the prior year's total of \$5,283,149. Carpool percentage for June was 24.1 percent as compared to the previous year's rate of 23.2 percent.

MTD traffic and revenue data is summarized in the table below. The following trip and revenue statistics tables represent all trips taken on the Riverside County Transportation Commission (RCTC) 91 EL and associated potential revenue for the month of June 2023.

### Current MTD as of June 30, 2023

Trips	JUN-23 MTD Actual	Stantec MTD Projected	# Variance	% Variance	JUN-22 MTD Actual	Yr-to-Yr % Variance
Full Toll Lanes	1,138,273	936,857	201,416	21.5%	1,057,409	7.6%
3+ Lanes	361,967	348,429	13,538	3.9%	319,145	13.4%
Total Gross Trips	1,500,240	1,285,286	214,954	16.7%	1,376,554	9.0%
<b>Revenue</b>						
Full Toll Lanes	\$6,151,288	\$4,494,286	\$1,657,002	36.9%	\$5,239,538	17.4%
3+ Lanes	\$57,662	\$0	\$57,662		\$43,611	32.2%
Total Gross Revenue	\$6,208,950	\$4,494,286	\$1,714,664	38.2%	\$5,283,149	17.5%
<b>Average Revenue per Trip</b>						
Average Full Toll Lanes	\$5.40	\$4.80	\$0.60	12.5%	\$4.96	8.9%
Average 3+ Lanes	\$0.16	\$0.00	\$0.16		\$0.14	14.3%
Average Gross Revenue	\$4.14	\$3.50	\$0.64	18.3%	\$3.84	7.8%

The 2023 fiscal YTD traffic volume decreased by 0.5 percent, and potential toll revenue increased by 7.4 percent when compared with the same period the prior year. YTD average revenue per trip is \$4.06.

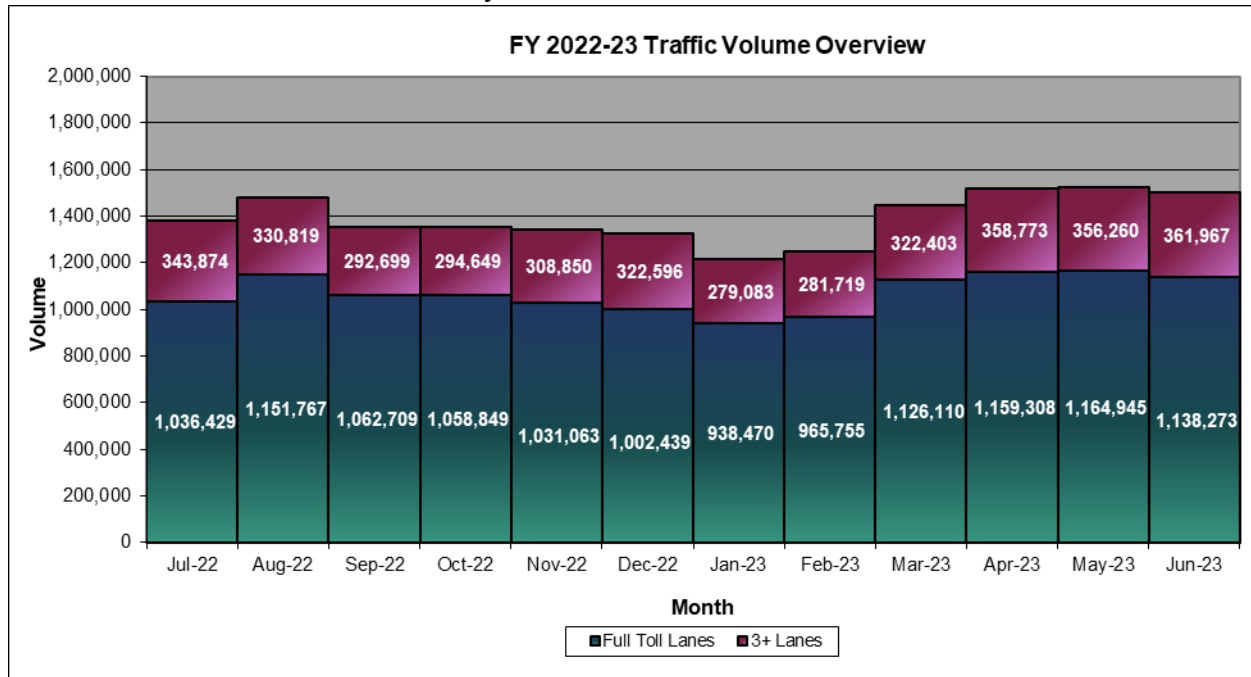
Fiscal YTD traffic and revenue data are summarized in the table below. The following trip and revenue statistics tables represent all trips taken on the RCTC 91 EL and associated potential revenue for the months of July 2022 through June 2023.

**FY 2022-23 YTD as of June 30, 2023**

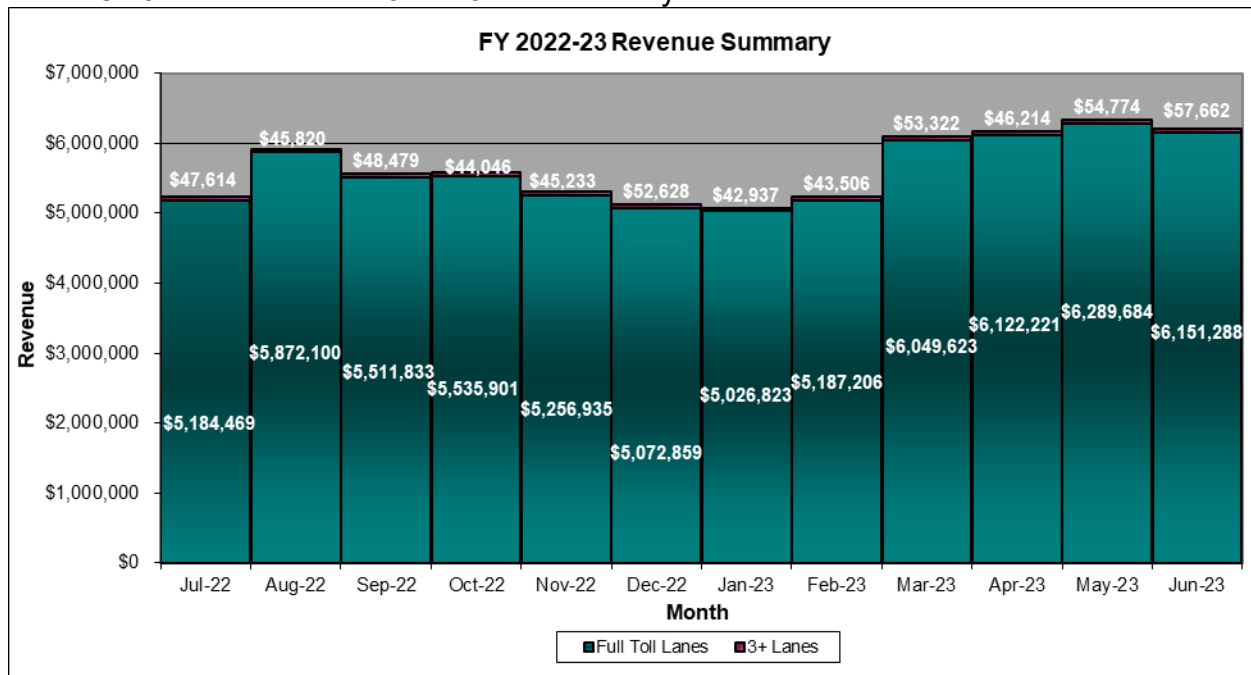
<b>Trips</b>	<b>FY 2022-23 YTD Actual (7/2022-6/2023)</b>	<b>Stantec YTD Projected</b>	<b># Variance</b>	<b>% Variance</b>	<b>FY 2021-22 YTD Actual (7/2021-6/2022)</b>	<b>Yr-to-Yr % Variance</b>
Full Toll Lanes	12,836,117	11,031,743	1,804,374	16.4%	13,127,649	(2.2%)
3+ Lanes	3,853,692	4,028,286	(174,594)	(4.3%)	3,650,877	5.6%
Total Gross Trips	16,689,809	15,060,029	1,629,780	10.8%	16,778,526	(0.5%)
<b>Revenue</b>						
Full Toll Lanes	\$67,260,941	\$52,735,657	\$14,525,284	27.5%	\$62,696,471	7.3%
3+ Lanes	\$582,237	\$0	\$582,237		\$494,453	17.8%
Total Gross Revenue	\$67,843,178	\$52,735,657	\$15,107,521	28.6%	\$63,190,924	7.4%
<b>Average Revenue per Trip</b>						
Average Full Toll Lanes	\$5.24	\$4.78	\$0.46	9.6%	\$4.78	9.6%
Average 3+ Lanes	\$0.15	\$0.00	\$0.15		\$0.14	7.1%
Average Gross Revenue	\$4.06	\$3.50	\$0.56	16.0%	\$3.77	7.7%

## RCTC Traffic and Revenue Summary

The chart below reflects the total trips broken down between full toll lanes and HOV3+ lanes for FY 2022-23 on a monthly basis.



The chart below reflects the gross potential revenue breakdown between full toll lanes and HOV3+ lanes for FY 2022-23 on a monthly basis.



## RCTC PEAK-HOUR VOLUMES

In June, no toll rates were adjusted. RCTC evaluates traffic volumes for peak-period hours and adjusts rates according to the toll rate policy.

## RCTC EASTBOUND PEAK-HOUR VOLUMES

Eastbound PM Peak - County Line to McKinley

PM Time	Monday 05/29/23					Tuesday 05/30/23					Wednesday 05/31/23					Thursday 06/01/23					Friday 06/02/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500																\$13.85	287	1,131	1,418	F	\$27.90	315	1,106	1,421	F
1500 - 1600																\$17.30	314	1,010	1,324	F	\$27.60	341	985	1,326	F
1600 - 1700																\$8.05	270	1,058	1,328	F	\$16.25	306	982	1,288	E
1700 - 1800																\$5.65	248	1,051	1,299	E	\$7.35	260	907	1,167	D
1800 - 1900																\$5.65	307	913	1,220	E	\$5.65	323	934	1,257	E
1900 - 2000																\$5.65	259	711	970	C	\$5.65	305	777	1,082	D

PM Time	Monday 06/05/23					Tuesday 06/06/23					Wednesday 06/07/23					Thursday 06/08/23					Friday 06/09/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$5.65	286	1,041	1,327	F	\$7.35	265	1,140	1,405	F	\$10.65	272	1,121	1,393	F	\$13.85	308	1,060	1,368	F	\$27.90	334	1,111	1,445	F
1500 - 1600	\$7.35	284	1,092	1,376	F	\$9.50	312	1,063	1,375	F	\$13.40	271	983	1,254	E	\$17.30	298	1,011	1,309	F	\$27.60	355	1,036	1,391	F
1600 - 1700	\$5.65	218	1,043	1,261	E	\$5.65	265	1,009	1,274	E	\$5.65	262	1,169	1,431	F	\$8.05	284	1,111	1,395	F	\$16.25	330	1,077	1,407	F
1700 - 1800	\$5.65	254	884	1,138	D	\$5.65	282	929	1,211	E	\$5.65	273	1,090	1,363	F	\$5.65	254	1,021	1,275	E	\$7.35	334	1,023	1,357	F
1800 - 1900	\$5.65	277	779	1,056	D	\$5.65	311	928	1,239	E	\$5.65	284	972	1,256	E	\$5.65	295	896	1,191	D	\$5.65	350	954	1,304	F
1900 - 2000	\$2.40	182	474	656	B	\$4.45	211	635	846	C	\$4.45	269	768	1,037	D	\$5.65	236	760	996	C	\$5.65	299	757	1,056	D

PM Time	Monday 06/12/23					Tuesday 06/13/23					Wednesday 06/14/23					Thursday 06/15/23					Friday 06/16/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$5.65	261	919	1,180	D	\$7.35	274	1,073	1,347	F	\$10.65	254	1,080	1,334	F	\$13.85	344	1,058	1,402	F	\$27.90	328	1,111	1,439	F
1500 - 1600	\$7.35	258	928	1,186	D	\$9.50	306	1,041	1,347	F	\$13.40	312	1,083	1,395	F	\$17.30	313	995	1,308	F	\$27.60	322	1,066	1,388	F
1600 - 1700	\$5.65	247	966	1,213	E	\$5.65	246	1,048	1,294	E	\$5.65	235	1,074	1,309	F	\$8.05	280	1,091	1,371	F	\$16.25	335	1,091	1,426	F
1700 - 1800	\$5.65	236	904	1,140	D	\$5.65	254	829	1,083	D	\$5.65	268	1,027	1,295	E	\$5.65	264	1,040	1,304	F	\$7.35	351	1,064	1,415	F
1800 - 1900	\$5.65	266	735	1,001	D	\$5.65	287	918	1,205	E	\$5.65	310	942	1,252	E	\$5.65	281	919	1,200	D	\$5.65	290	901	1,191	D
1900 - 2000	\$2.40	190	467	657	B	\$4.45	203	613	816	C	\$4.45	307	918	1,225	E	\$5.65	306	851	1,157	D	\$5.65	260	735	995	C

PM Time	Monday 06/19/23					Tuesday 06/20/23					Wednesday 06/21/23					Thursday 06/22/23					Friday 06/23/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$5.65	297	1,037	1,334	F	\$7.35	236	1,027	1,263	E	\$10.65	285	1,060	1,345	F	\$13.85	293	1,149	1,442	F	\$27.90	345	1,055	1,400	F
1500 - 1600	\$7.35	301	1,009	1,310	F	\$9.50	305	1,010	1,315	F	\$13.40	302	998	1,300	E	\$17.30	311	986	1,297	E	\$27.60	339	1,041	1,380	F
1600 - 1700	\$5.65	271	1,016	1,287	E	\$5.65	241	1,045	1,286	E	\$5.65	260	1,068	1,328	F	\$8.05	275	1,074	1,349	F	\$16.25	290	1,020	1,310	F
1700 - 1800	\$5.65	311	975	1,286	E	\$5.65	266	964	1,230	E	\$5.65	270	951	1,221	E	\$5.65	266	966	1,232	E	\$7.35	292	931	1,223	E
1800 - 1900	\$5.65	316	705	1,021	D	\$5.65	277	926	1,203	E	\$5.65	255	856	1,111	D	\$5.65	282	882	1,164	D	\$5.65	322	915	1,237	E
1900 - 2000	\$2.40	216	453	669	B	\$4.45	269	771	1,040	D	\$4.45	291	920	1,211	E	\$5.65	268	788	1,056	D	\$5.65	303	829	1,132	D

PM Time	Monday 06/26/23					Tuesday 06/27/23					Wednesday 06/28/23					Thursday 06/29/23					Friday 06/30/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$5.65	273	1,049	1,322	F	\$7.35	260	1,107	1,367	F	\$10.65	267	1,093	1,360	F	\$13.85	274	1,071	1,345	F	\$27.90	349	1,057	1,406	F
1500 - 1600	\$7.35	295	1,001	1,296	E	\$9.50	302	1,060	1,362	F	\$13.40	276	840	1,116	D	\$17.30	306	913	1,219	E	\$27.60	377	1,027	1,404	F
1600 - 1700	\$5.65	247	1,010	1,257	E	\$5.65	162	685	847	C	\$5.65	276	1,039	1,315	F	\$8.05	294	1,051	1,345	F	\$16.25	316	1,003	1,319	F
1700 - 1800	\$5.65	260	939	1,199	D	\$5.65	315	1,098	1,413	F	\$5.65	241	1,016	1,257	E	\$5.65	298	1,057	1,355	F	\$7.35	275	1,038	1,313	F
1800 - 1900	\$5.65	301	943	1,244	E	\$5.65	307	1,020	1,327	F	\$5.65	283	875	1,158	D	\$5.65	318	942	1,260	E	\$5.65	318	815	1,133	D
1900 - 2000	\$2.40	234	680	914	C	\$4.45	322	1,001	1,323	F	\$4.45	333	822	1,155	D	\$5.65	360	954	1,314	F	\$5.65	319	752	1,071	D

**Eastbound PM Peak - County Line to 15 SB Ontario**

PM Time	Monday 05/29/23					Tuesday 05/30/23					Wednesday 05/31/23					Thursday 06/01/23					Friday 06/02/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500																\$5.65	139	740	879	C	\$5.65	144	661	805	C
1500 - 1600																\$5.65	158	658	816	C	\$5.65	150	631	781	B
1600 - 1700																\$3.15	136	698	834	C	\$3.15	131	582	713	B
1700 - 1800																\$3.15	170	727	897	C	\$3.15	109	529	638	B
1800 - 1900																\$3.15	171	631	802	C	\$3.15	144	553	697	B
1900 - 2000																\$3.15	163	521	684	B	\$3.15	166	445	611	B

PM Time	Monday 06/05/23					Tuesday 06/06/23					Wednesday 06/07/23					Thursday 06/08/23					Friday 06/09/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$5.65	145	685	830	C	\$5.65	148	769	917	C	\$5.65	149	760	909	C	\$5.65	156	683	839	C	\$5.65	150	636	786	B
1500 - 1600	\$5.65	161	736	897	C	\$5.65	178	743	921	C	\$5.65	131	628	759	B	\$5.65	175	638	813	C	\$5.65	168	624	792	B
1600 - 1700	\$3.15	158	618	776	B	\$5.65	132	595	727	B	\$5.65	146	625	771	B	\$3.15	140	639	779	B	\$3.15	150	593	743	B
1700 - 1800	\$3.15	127	613	740	B	\$3.15	140	661	801	C	\$3.15	163	680	843	C	\$3.15	146	605	751	B	\$3.15	165	609	774	B
1800 - 1900	\$3.15	174	574	748	B	\$3.15	180	674	854	C	\$3.15	175	716	891	C	\$3.15	185	619	804	C	\$3.15	194	573	767	B
1900 - 2000	\$3.15	105	333	438	B	\$3.15	174	499	673	B	\$3.15	191	589	780	B	\$3.15	170	548	718	B	\$3.15	162	442	604	B

PM Time	Monday 06/12/23					Tuesday 06/13/23					Wednesday 06/14/23					Thursday 06/15/23					Friday 06/16/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$5.65	169	791	960	C	\$5.65	140	792	932	C	\$5.65	130	752	882	C	\$5.65	148	653	801	C	\$5.65	153	627	780	B
1500 - 1600	\$5.65	170	731	901	C	\$5.65	168	685	853	C	\$5.65	152	666	818	C	\$5.65	153	678	831	C	\$5.65	163	667	830	C
1600 - 1700	\$3.15	134	600	734	B	\$5.65	146	637	783	B	\$5.65	163	607	770	B	\$3.15	144	649	793	B	\$3.15	157	600	757	B
1700 - 1800	\$3.15	147	600	747	B	\$3.15	143	614	757	B	\$3.15	134	660	794	B	\$3.15	183	629	812	C	\$3.15	156	533	689	B
1800 - 1900	\$3.15	161	532	693	B	\$3.15	178	615	793	B	\$3.15	146	646	792	B	\$3.15	158	585	743	B	\$3.15	143	528	671	B
1900 - 2000	\$3.15	131	386	517	B	\$3.15	142	442	584	B	\$3.15	187	653	840	C	\$3.15	159	597	756	B	\$3.15	157	472	629	B

PM Time	Monday 06/19/23					Tuesday 06/20/23					Wednesday 06/21/23					Thursday 06/22/23					Friday 06/23/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$5.65	175	681	856	C	\$5.65	135	720	855	C	\$5.65	136	747	883	C	\$5.65	139	680	819	C	\$5.65	168	671	839	C
1500 - 1600	\$5.65	152	635	787	B	\$5.65	152	676	828	C	\$5.65	154	654	808	C	\$5.65	148	630	778	B	\$5.65	162	622	784	B
1600 - 1700	\$3.15	160	626	786	B	\$5.65	151	640	791	B	\$5.65	135	615	750	B	\$3.15	139	637	776	B	\$3.15	141	568	709	B
1700 - 1800	\$3.15	147	586	733	B	\$3.15	146	596	742	B	\$3.15	141	624	765	B	\$3.15	136	580	716	B	\$3.15	144	569	713	B
1800 - 1900	\$3.15	154	453	607	B	\$3.15	152	633	785	B	\$3.15	141	579	720	B	\$3.15	148	565	713	B	\$3.15	172	585	757	B
1900 - 2000	\$3.15	127	292	419	B	\$3.15	146	591	737	B	\$3.15	222	628	850	C	\$3.15	151	557	708	B	\$3.15	175	504	679	B

PM Time	Monday 06/26/23					Tuesday 06/27/23					Wednesday 06/28/23					Thursday 06/29/23					Friday 06/30/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
1400 - 1500	\$5.65	135	737	872	C	\$5.65	136	645	781	B	\$5.65	167	715	882	C	\$5.65	163	736	899	C	\$5.65	170	635	805	C
1500 - 1600	\$5.65	144	618	762	B	\$5.65	154	549	703	B	\$5.65	139	569	708	B	\$5.65	104	401	505	B	\$5.65	169	574	743	B
1600 - 1700	\$3.15	124	596	720	B	\$5.65	71	338	409	B	\$5.65	128	621	749	B	\$3.15	145	666	811	C	\$3.15	137	571	708	B
1700 - 1800	\$3.15	151	607	758	B	\$3.15	124	550	674	B	\$3.15	148	611	759	B	\$3.15	181	587	768	B	\$3.15	138	564	702	B
1800 - 1900	\$3.15	163	607	770	B	\$3.15	147	524	671	B	\$3.15	156	584	740	B	\$3.15	188	646	834	C	\$3.15	185	516	701	B
1900 - 2000	\$3.15	150	451	601	B	\$3.15	143	537	680	B	\$3.15	210	663	873	C	\$3.15	189	644	833	C	\$3.15	209	509	718	B

## RCTC WESTBOUND PEAK-HOUR VOLUMES

### Westbound AM Peak - McKinley to County Line

AM Time	Monday 05/29/23					Tuesday 05/30/23					Wednesday 05/31/23					Thursday 06/01/23					Friday 06/02/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500																\$2.40	239	431	670	B	\$2.40	199	356	555	B
0500 - 0600																\$11.30	480	1,076	1,556	F	\$7.35	426	979	1,405	F
0600 - 0700																\$19.45	424	1,188	1,612	F	\$12.35	369	1,087	1,456	F
0700 - 0800																\$18.20	443	1,214	1,657	F	\$8.35	347	940	1,287	E
0800 - 0900																\$9.05	226	1,001	1,227	E	\$5.65	187	861	1,048	D
0900 - 1000																\$5.65	167	836	1,003	D	\$4.45	147	694	841	C

AM Time	Monday 06/05/23					Tuesday 06/06/23					Wednesday 06/07/23					Thursday 06/08/23					Friday 06/09/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$2.40	247	461	708	B	\$2.40	236	403	639	B	\$2.40	253	421	674	B	\$2.40	238	403	641	B	\$2.40	217	362	579	B
0500 - 0600	\$10.95	469	1,092	1,561	F	\$12.75	484	1,072	1,556	F	\$12.75	480	1,166	1,646	F	\$11.30	472	1,122	1,594	F	\$7.35	394	1,071	1,465	F
0600 - 0700	\$19.45	419	1,187	1,606	F	\$20.50	409	1,188	1,597	F	\$20.50	455	1,268	1,723	F	\$19.45	451	1,241	1,692	F	\$12.35	411	1,201	1,612	F
0700 - 0800	\$17.05	418	1,233	1,651	F	\$19.25	418	1,294	1,712	F	\$19.25	399	1,248	1,647	F	\$18.20	385	1,124	1,509	F	\$8.35	290	976	1,266	E
0800 - 0900	\$8.35	261	1,253	1,514	F	\$11.20	262	1,215	1,477	F	\$10.10	234	1,095	1,329	E	\$9.05	255	1,015	1,270	E	\$5.65	238	874	1,112	D
0900 - 1000	\$5.65	187	974	1,161	D	\$5.65	160	861	1,021	D	\$5.65	160	792	952	C	\$5.65	218	918	1,136	D	\$4.45	198	710	908	C

AM Time	Monday 06/12/23					Tuesday 06/13/23					Wednesday 06/14/23					Thursday 06/15/23					Friday 06/16/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$2.40	227	412	639	B	\$2.40	249	441	690	B	\$2.40	258	411	669	B	\$2.40	243	426	669	B	\$2.40	212	358	570	B
0500 - 0600	\$10.95	463	1,125	1,588	F	\$12.75	477	1,100	1,577	F	\$12.75	482	1,098	1,580	F	\$11.30	477	1,112	1,589	F	\$7.35	402	1,038	1,440	F
0600 - 0700	\$19.45	402	1,203	1,605	F	\$20.50	419	1,186	1,605	F	\$20.50	440	1,245	1,685	F	\$19.45	394	1,202	1,596	F	\$12.35	371	1,006	1,377	F
0700 - 0800	\$17.05	364	1,243	1,607	F	\$19.25	388	1,287	1,675	F	\$19.25	368	1,283	1,651	F	\$18.20	399	1,202	1,601	F	\$8.35	275	861	1,136	D
0800 - 0900	\$8.35	264	1,223	1,487	F	\$11.20	274	1,095	1,369	F	\$10.10	262	1,154	1,416	F	\$9.05	285	1,326	1,611	F	\$5.65	191	818	1,009	D
0900 - 1000	\$5.65	171	830	1,001	D	\$5.65	191	965	1,156	D	\$5.65	213	888	1,101	D	\$5.65	210	1,006	1,216	E	\$4.45	212	753	965	C

AM Time	Monday 06/19/23					Tuesday 06/20/23					Wednesday 06/21/23					Thursday 06/22/23					Friday 06/23/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$2.40	195	404	599	B	\$2.40	237	448	685	B	\$2.40	245	427	672	B	\$2.40	247	437	684	B	\$2.40	198	373	571	B
0500 - 0600	\$10.95	390	982	1,372	F	\$12.75	457	1,148	1,605	F	\$12.75	478	1,132	1,610	F	\$11.30	480	1,047	1,527	F	\$7.35	313	1,085	1,398	F
0600 - 0700	\$19.45	296	978	1,274	E	\$20.50	420	1,252	1,672	F	\$20.50	407	1,244	1,651	F	\$19.45	440	1,242	1,682	F	\$12.35	318	1,102	1,420	F
0700 - 0800	\$17.05	239	829	1,068	D	\$19.25	355	1,364	1,719	F	\$19.25	342	1,214	1,556	F	\$18.20	362	1,044	1,406	F	\$8.35	274	863	1,137	D
0800 - 0900	\$8.35	184	708	892	C	\$11.20	280	1,265	1,545	F	\$10.10	253	1,140	1,393	F	\$9.05	274	1,227	1,501	F	\$5.65	231	800	1,031	D
0900 - 1000	\$5.65	210	704	914	C	\$5.65	185	1,063	1,248	E	\$5.65	243	982	1,225	E	\$5.65	239	1,055	1,294	E	\$4.45	201	680	881	C

AM Time	Monday 06/26/23					Tuesday 06/27/23					Wednesday 06/28/23					Thursday 06/29/23					Friday 06/30/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$2.40	209	442	651	B	\$2.40	258	441	699	B	\$2.40	261	448	709	B	\$2.40	269	412	681	B	\$2.40	210	401	611	B
0500 - 0600	\$10.95	449	1,089	1,538	F	\$12.75	463	1,108	1,571	F	\$12.75	486	1,104	1,590	F	\$11.30	481	1,037	1,518	F	\$7.35	416	925	1,341	E
0600 - 0700	\$19.45	397	1,212	1,609	F	\$20.50	404	1,219	1,623	F	\$20.50	388	1,208	1,596	F	\$19.45	446	1,333	1,779	F	\$12.35	385	1,093	1,478	F
0700 - 0800	\$17.05	366	1,236	1,602	F	\$19.25	352	1,317	1,669	F	\$19.25	370	1,333	1,703	F	\$18.20	322	1,155	1,477	F	\$8.35	277	893	1,170	D
0800 - 0900	\$8.35	251	1,175	1,426	F	\$11.20	256	1,268	1,524	F	\$10.10	268	1,212	1,480	F	\$9.05	250	1,032	1,282	E	\$5.65	229	871	1,100	D
0900 - 1000	\$5.65	238	940	1,178	D	\$5.65	279	1,214	1,493	F	\$5.65	250	946	1,196	D	\$5.65	213	841	1,054	D	\$4.45	258	792	1,050	D

**Westbound AM Peak - I-15 North to County Line**

AM Time	Monday 05/29/23					Tuesday 05/30/23					Wednesday 05/31/23					Thursday 06/01/23					Friday 06/02/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500																\$3.15	191	451	642	B	\$3.15	156	404	560	B
0500 - 0600																\$9.40	305	1,053	1,358	E	\$7.30	245	867	1,112	D
0600 - 0700																\$10.85	311	1,220	1,531	F	\$7.30	251	971	1,222	E
0700 - 0800																\$9.40	229	1,121	1,350	E	\$7.30	205	912	1,117	D
0800 - 0900																\$7.30	145	945	1,090	D	\$5.65	112	816	928	C
0900 - 1000																\$5.65	123	825	948	C	\$5.65	111	675	786	B

AM Time	Monday 06/05/23					Tuesday 06/06/23					Wednesday 06/07/23					Thursday 06/08/23					Friday 06/09/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$3.15	184	437	621	B	\$3.15	193	438	631	B	\$3.15	201	463	664	B	\$3.15	196	420	616	B	\$3.15	148	375	523	B
0500 - 0600	\$9.40	307	974	1,281	E	\$9.40	301	1,054	1,355	E	\$9.40	302	1,032	1,334	E	\$9.40	292	985	1,277	E	\$7.30	272	867	1,139	D
0600 - 0700	\$10.50	265	1,107	1,372	E	\$11.95	324	1,228	1,552	F	\$11.95	319	1,224	1,543	F	\$10.85	299	1,164	1,463	F	\$7.30	243	910	1,153	D
0700 - 0800	\$9.40	251	1,100	1,351	E	\$9.40	219	1,228	1,447	F	\$10.50	231	1,146	1,377	E	\$9.40	233	1,021	1,254	E	\$7.30	178	863	1,041	D
0800 - 0900	\$7.30	129	1,053	1,182	D	\$7.30	142	982	1,124	D	\$7.30	138	994	1,132	D	\$7.30	135	908	1,043	D	\$5.65	129	750	879	C
0900 - 1000	\$5.65	147	809	956	C	\$5.65	136	844	980	C	\$5.65	128	736	864	C	\$5.65	134	760	894	C	\$5.65	161	606	767	B

AM Time	Monday 06/12/23					Tuesday 06/13/23					Wednesday 06/14/23					Thursday 06/15/23					Friday 06/16/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$3.15	184	447	631	B	\$3.15	187	481	668	B	\$3.15	200	448	648	B	\$3.15	199	435	634	B	\$3.15	155	380	535	B
0500 - 0600	\$9.40	299	999	1,298	E	\$9.40	290	1,046	1,336	E	\$9.40	297	1,070	1,367	E	\$9.40	264	1,006	1,270	E	\$7.30	253	863	1,116	D
0600 - 0700	\$10.50	281	1,219	1,500	F	\$11.95	279	1,144	1,423	F	\$11.95	293	1,200	1,493	F	\$10.85	288	1,150	1,438	F	\$7.30	225	907	1,132	D
0700 - 0800	\$9.40	225	1,046	1,271	E	\$9.40	198	1,129	1,327	E	\$10.50	212	1,095	1,307	E	\$9.40	203	1,093	1,296	E	\$7.30	164	785	949	C
0800 - 0900	\$7.30	141	902	1,043	D	\$7.30	172	1,076	1,248	E	\$7.30	154	994	1,148	D	\$7.30	162	1,016	1,178	D	\$5.65	127	727	854	C
0900 - 1000	\$5.65	168	699	867	C	\$5.65	148	793	941	C	\$5.65	128	749	877	C	\$5.65	158	872	1,030	D	\$5.65	158	610	768	B

AM Time	Monday 06/19/23					Tuesday 06/20/23					Wednesday 06/21/23					Thursday 06/22/23					Friday 06/23/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$3.15	148	415	563	B	\$3.15	217	482	699	B	\$3.15	172	474	646	B	\$3.15	169	382	551	B	\$3.15	128	400	528	B
0500 - 0600	\$9.40	252	894	1,146	D	\$9.40	310	1,035	1,345	E	\$9.40	315	999	1,314	E	\$9.40	276	904	1,180	D	\$7.30	175	919	1,094	D
0600 - 0700	\$10.50	207	950	1,157	D	\$11.95	286	1,243	1,529	F	\$11.95	262	1,193	1,455	F	\$10.85	313	1,205	1,518	F	\$7.30	205	919	1,124	D
0700 - 0800	\$9.40	149	777	926	C	\$9.40	186	1,121	1,307	E	\$10.50	204	1,079	1,283	E	\$9.40	237	1,028	1,265	E	\$7.30	163	774	937	C
0800 - 0900	\$7.30	121	679	800	B	\$7.30	148	1,019	1,167	D	\$7.30	168	1,082	1,250	E	\$7.30	168	1,025	1,193	D	\$5.65	137	716	853	C
0900 - 1000	\$5.65	116	576	692	B	\$5.65	170	861	1,031	D	\$5.65	161	890	1,051	D	\$5.65	158	839	997	C	\$5.65	137	616	753	B

AM Time	Monday 06/26/23					Tuesday 06/27/23					Wednesday 06/28/23					Thursday 06/29/23					Friday 06/30/23				
	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS	Price	HOV	SOV	Vol.	LOS
0400 - 0500	\$3.15	173	477	650	B	\$3.15	197	461	658	B	\$3.15	183	427	610	B	\$3.15	174	442	616	B	\$3.15	150	358	508	B
0500 - 0600	\$9.40	283	1,035	1,318	E	\$9.40	280	1,080	1,360	E	\$9.40	298	1,024	1,322	E	\$9.40	295	1,005	1,300	E	\$7.30	250	842	1,092	D
0600 - 0700	\$10.50	228	1,131	1,359	E	\$11.95	262	1,221	1,483	F	\$11.95	247	1,160	1,407	F	\$10.85	289	1,108	1,397	E	\$7.30	222	932	1,154	D
0700 - 0800	\$9.40	195	983	1,178	D	\$9.40	204	1,056	1,260	E	\$10.50	194	1,045	1,239	E	\$9.40	215	1,044	1,259	E	\$7.30	155	803	958	C
0800 - 0900	\$7.30	168	957	1,125	D	\$7.30	167	1,058	1,225	E	\$7.30	174	1,012	1,186	D	\$7.30	168	967	1,135	D	\$5.65	194	825	1,019	D
0900 - 1000	\$5.65	153	793	946	C	\$5.65	166	859	1,025	D	\$5.65	180	851	1,031	D	\$5.65	148	818	966	C	\$5.65	197	713	910	C



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## RCTC OPERATIONAL HIGHLIGHTS

### **On-Road Operations**

RCTC Freeway Service Patrol responded to 87 calls during the month of June. Of those calls, 66 were to assist disabled vehicles, six calls to remove debris, and 15 were in response to accidents that affected the 91 EL.

# FINANCIAL HIGHLIGHTS RCTC

## RCTC 91 Express Lanes Operating Statement

Description	YTD as of : <b>6/30/2023</b>		YTD Variance	
	Actual <sup>1</sup>	Budget	Dollar \$	Percent (%)
<b>Operating revenues:</b>				
Toll Revenue	\$ 63,438,753.02	\$ 57,566,000.00	\$ 5,872,753.02	10.2
Fee Revenue	8,668,684.96	6,478,800.00	2,189,884.96	33.8
<b>Total operating revenues</b>	<b>72,107,437.98</b>	<b>64,044,800.00</b>	<b>8,062,637.98</b>	<b>12.6</b>
<b>Operating expenses:</b>				
Salaries and Benefits	847,597.40	805,500.00	(42,097.40)	(5.2)
Legal Services	43,471.95	126,600.00	83,128.05	65.7
Advisory Services	64,027.95	76,000.00	11,972.05	15.8
Audit and Accounting Fees	31,096.00	42,500.00	11,404.00	26.8
Service Fees	13,267.11	13,000.00	(267.11)	(2.1)
Other Professional Services	709,571.92	1,245,000.00	535,428.08	43.0
Lease Expense	264,596.69	333,700.00	69,103.31	20.7
Operations	4,161,550.29	4,652,000.00	490,449.71	10.5
Utilities	81,490.39	72,600.00	(8,890.39)	(12.2)
Supplies and Materials	5,332.83	10,600.00	5,267.17	49.7
Membership and Subscription Fees	29,076.29	43,300.00	14,223.71	32.8
Office Equipment & Furniture (Non-Capital)	-	80,000.00	80,000.00	100.0
Maintenance/Repairs	265,821.51	440,000.00	174,178.49	39.6
Training Seminars and Conferences	3,443.75	7,100.00	3,656.25	51.5
Transportation Expenses	1,676.79	2,900.00	1,223.21	42.2
Lodging	3,105.24	2,500.00	(605.24)	(24.2)
Meals	589.01	3,000.00	2,410.99	80.4
Other Staff Expenses	323.47	500.00	176.53	35.3
Advertising	-	150,000.00	150,000.00	100.0
Program Management	86,248.00	52,400.00	(33,848.00)	(64.6)
Program Operations	6,562,522.25	7,538,700.00	976,177.75	12.9
Litigation Settlement	-	-	-	N/A
Furniture & Equipment	6,463.55	75,000.00	68,536.45	91.4
Improvements	-	20,000.00	20,000.00	100.0
Bad Debt Expense	168,539.35	-	(168,539.35)	N/A
<b>Total operating expenses</b>	<b>13,349,811.74</b>	<b>15,792,900.00</b>	<b>2,443,088.26</b>	<b>15.5</b>
<b>Operating income (loss)</b>	<b>58,757,626.24</b>	<b>48,251,900.00</b>	<b>10,505,726.24</b>	<b>21.8</b>
<b>Nonoperating revenues (expenses):</b>				
Interest Revenue	4,222,001.23	112,200.00	4,109,801.23	(3,662.9)
Other Miscellaneous Revenue	1,228,481.18	-	1,228,481.18	N/A
Loss on Refunding	-	-	-	N/A
Principal Expense	-	-	-	N/A
Interest Expense	(24,605,842.93)	(22,201,000.00)	(2,404,842.93)	10.8
<b>Total nonoperating revenues (expenses)</b>	<b>(19,155,360.52)</b>	<b>(22,088,800.00)</b>	<b>2,933,439.48</b>	<b>13.3</b>
Transfers In	42.90	-	42.90	N/A
Transfers Out	(1,174,300.00)	(1,244,700.00)	70,400.00	(5.7)
<b>Net income (loss)</b>	<b>\$ 38,428,008.62</b>	<b>\$ 24,918,400.00</b>	<b>\$ 13,509,608.62</b>	<b>54.2</b>

<sup>1</sup> Unaudited

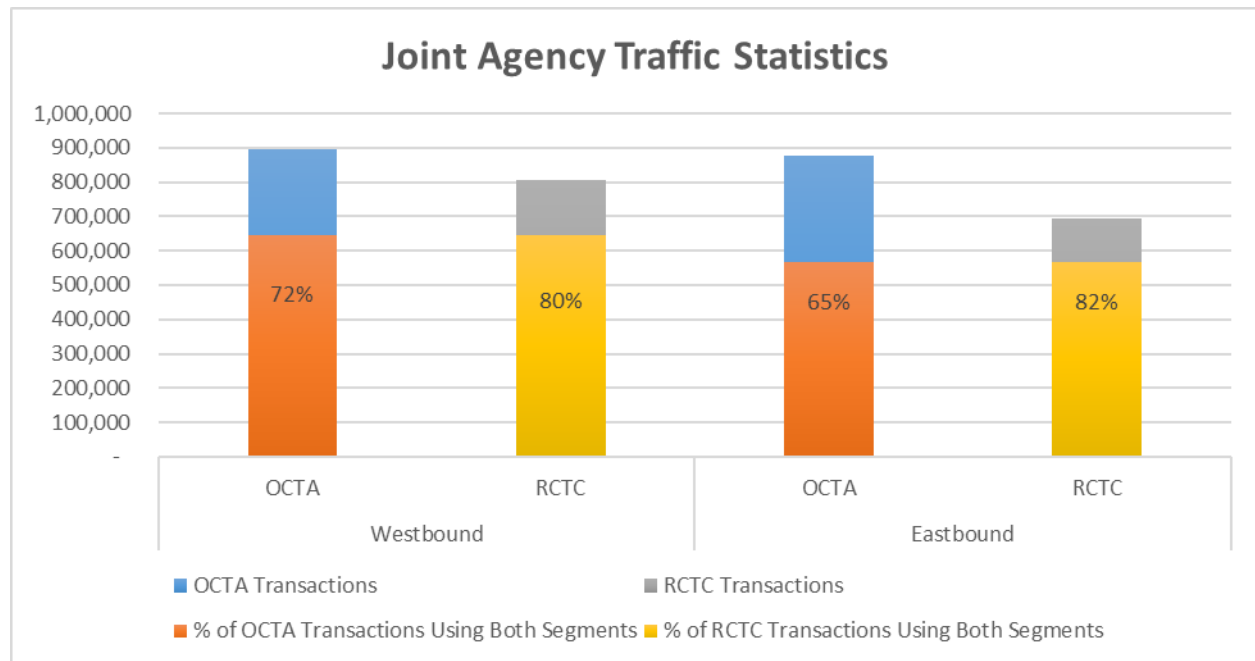
## JOINT AGENCY TRIP AND REVENUE STATISTICS

### MULTI AGENCY TRIP AND REVENUE STATISTICS

MONTH ENDING **June 30, 2023**

MTD	Transactions by Agency	Transactions Using Both Segments	% Using Both Segments	Revenue
<b>Westbound</b>				
OCTA	896,821	644,463	72%	\$2,479,237.60
RCTC	807,109	644,463	80%	\$3,548,024.90
<b>Eastbound</b>				
OCTA	875,075	568,092	65%	\$2,990,392.19
RCTC	693,131	568,092	82%	\$2,660,924.91

## JOINT AGENCY TRAFFIC STATISTICS



## JOINT AGENCY PERFORMANCE MEASURES

REPORTING REQUIREMENT	REPORTING PERIOD	PERFORMANCE STANDARD	JUNE 2023 PERFORMANCE
<b>Customer Service</b>			
Service Level /Speed of Answer	Monthly	80% answered within 60 seconds	72% answered within 60 seconds
Abandon Percentage	Monthly	4 % <	2.0%
Customer Satisfaction Score	Monthly	4.5 =>	4.83
First Contact Resolution	Monthly	85% of calls resolved on the first contact	95%
<b>Timeliness of Case Resolution</b>	Monthly	90% of cases resolved in one (1) business day	99.5%
	Monthly	98% of cases resolved within five (5) business days	99.9%
<b>Mail Performance</b>			
Processing Returned Mail	Monthly	Per business day in which 90% of returned mail is processed within three (3) business days	100%
	Monthly	Per business day in which 100% of returned mail is processed within five (5) Business Days	100%
Research and resolve unidentified Payments	Monthly	100% of all unidentified payments are completely and accurately resolved within five (5) business days	100%
Payment Processing	Monthly	Per business day in which 100% of payments are processed within two (2) business days	100%
<b>Accounting</b>			
Customer Refunds Processed	Monthly	Per business day in which 100% of all refunds are completely and accurately issued within five (5) business days	100%

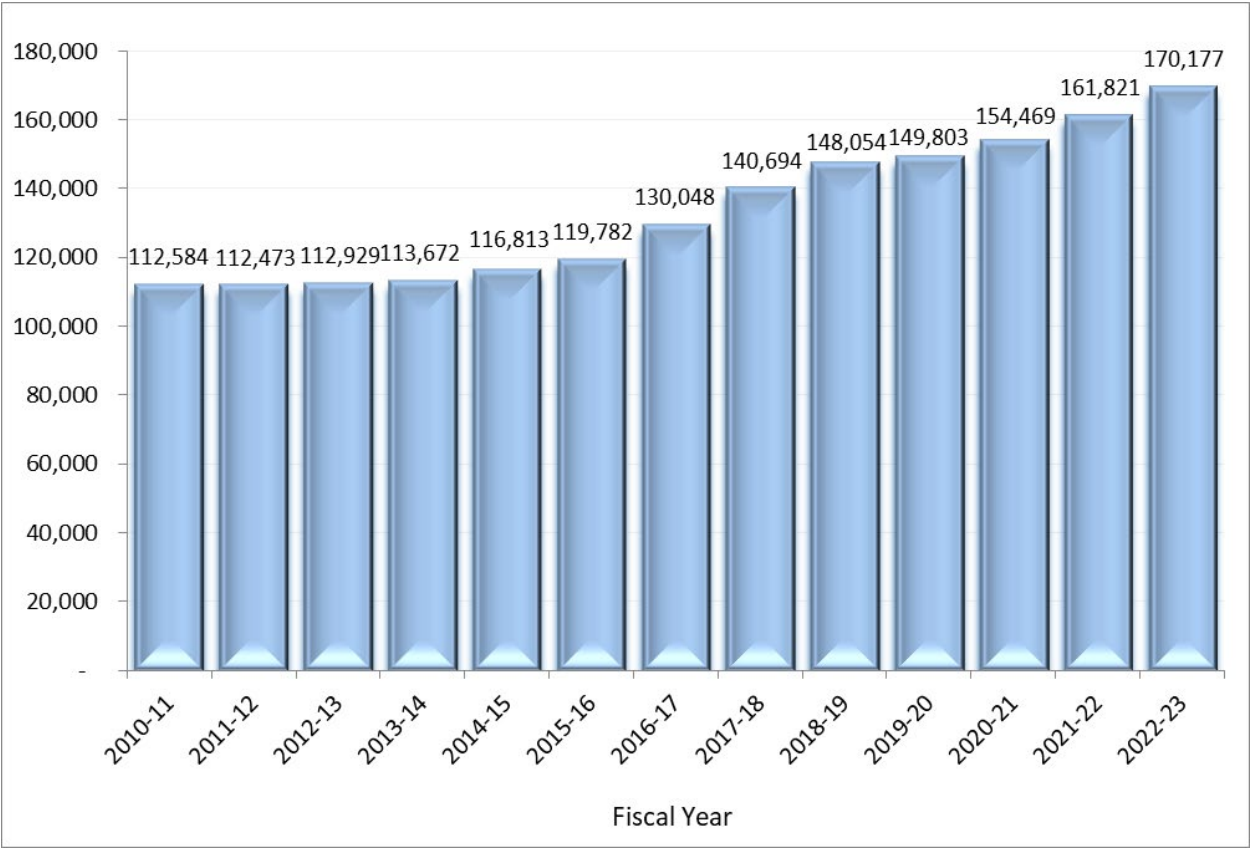
Key Performance Indicator (KPI) for service level/speed of answer was not achieved due to the shrinkage. The staff shrinkage was higher than usual for the month of June which resulted in customers waiting longer. ViaPlus has implemented a rewards program and increased training and refresher courses to reduce call handle times to improve service levels.

## JOINT AGENCY TRANSPONDER DISTRIBUTION

6C TRANSPONDER DISTRIBUTION	June 23		May-23		FY 2022-23	
	Tags	% of Total	Tags	% of Total	Average To-Date	
Issued						
To New Accounts	2027	20.8%	1921	22.2%	1148	14%
Additional Tags to Existing Accounts	7576	77.95%	6650	76.9	6801	85%
Replacement Transponders	115	1.24%	69	.9%	16	1%
Total Issued	9718		8640		3982	

At the end of June 2023, the 91 EL had 170,177 active customer accounts and 667,290 transponders classified as assigned.

**Number of Accounts by FY**  
**As of June 30, 2023**





# **AGENDA ITEM 6H**





<b><i>RIVERSIDE COUNTY TRANSPORTATION COMMISSION</i></b>	
<b>DATE:</b>	November 7, 2023
<b>TO:</b>	Riverside County Transportation Commission
<b>FROM:</b>	Toll Policy and Operations Committee Reinland Jones, Toll Technology Manager
<b>THROUGH:</b>	Anne Mayer, Executive Director
<b>SUBJECT:</b>	Agreement for Advanced Traffic Management System for 91 Express Lanes

**STAFF RECOMMENDATION:**

This item is for the Commission to:

- 1) Award Agreement No. 23-31-048-00 to Parsons Transportation Group Inc. for Advanced Traffic Management System (ATMS) for the 91 Express Lanes for a one-year term for implementation; five-year term for maintenance, and five one-year options to extend the agreement for additional maintenance in the amount of \$3,149,192; plus a contingency amount of \$472,379 for a total amount not to exceed \$3,621,571;
- 2) Approve Agreement No. 17-31-020-04, Amendment No. 4, to Agreement No. 17-31-020-00 with Parsons Transportation Group Inc. for maintenance services for an additional amount of \$125,894, and a total amount not to exceed \$976,828;
- 3) Authorize the Chair or Executive Director, pursuant to legal counsel review, to execute the agreements, including options, on behalf of the Commission; and
- 4) Authorize the Executive Director, or designee, to approve contingency work as may be required.

**BACKGROUND INFORMATION:**

The 91 Express Lanes Traffic Operations Center (TOC) is jointly operated by the Commission and the Orange County Transportation Authority (OCTA). The TOC requires an ATMS system which allows the operators to control the on-road cameras, manage the video feed and control the on-road message signs. The TOC currently uses an ATMS system provided by Parsons Transportation Group (Parsons) which was installed with the 91 Project in 2017.

The ATMS is currently maintained through Agreement No. 17-31-020-00 with Parsons. The maintenance agreement with Parsons expires in September of 2024. Staff began evaluating replacement options in October of 2022, almost two years ahead of the contract expiration. Staff and its' consultants evaluated available replacement systems and found several systems on the market that comply with the requirements. Staff evaluated options and found that it was in the best interest of the Commission and OCTA to competitively procure an entirely new system and ongoing maintenance services.

The Commission and OCTA joint operator relationship allows the two agencies to share the workload related to the 91 Express Lanes. It was determined that the Commission would be the lead agency for the procurement of a new ATMS. As with other shared services, OCTA will share equally in the consultant costs incurred to prepare for and conduct the procurement and for the actual cost of the ATMS and ongoing maintenance. OCTA staff participated in the request of proposal preparation and in the evaluation of proposals.

With the help of consultants, who have expertise in the area of ATMS and traffic operations centers, staff prepared a scope of services that includes replacement of the ATMS. The ATMS includes a video wall system, associated network and server equipment, workstations, and advanced traffic management software. The request for proposal also includes a five-year maintenance period and up to five one-year optional extensions for a total of 10 years of maintenance.

In addition to the base system requirements, proposers were requested to provide an option for an automatic incident detection solution. This technology alerts TOC operators of incidents such as disabled vehicles, major debris along the roadway, wrong way drivers, and pedestrians along the roadway providing the TOC operators with an additional tool to identify incidents in a timely manner. This technology has mixed performance reviews and Commission and OCTA staff will evaluate the accuracy and effectiveness of the proposed solution before exercising the option.

### **Procurement Process**

Staff determined the weighted factor method of source selection to be the most appropriate for this procurement, as it allows the Commission to identify the most advantageous proposal with price and other factors considered. Non-price factors include elements such as qualifications of firm and personnel and understanding and approach for the ATMS for the 91 Express Lanes as set forth under the terms of Request for Proposals (RFP) No. 23-31-048-00.

RFP No. 23-31-048-00 for ATMS for the 91 Express Lanes was released by staff on July 6, 2023. The RFP was posted on the Commission's Planet Bids website, which is accessible through the Commission's website. Through Planet Bids, 48 firms downloaded the RFP; 4 of these firms are located in Riverside County. A pre-submittal meeting was held on July 18, 2023, and attended by 9 firms. Staff responded to all questions submitted by potential proposers prior to the July 25, 2023, clarification deadline. Four firms – Kapsch TrafficCom (Georgia), Mindhop Inc. (New York), Parsons Transportation Group Inc. (Irvine, CA), and TransCore ITS, LLC (Tennessee) – submitted responsive and responsible statements of qualifications prior to the 2:00 p.m. submittal deadline on August 15, 2023. Based on the evaluation criteria set forth in the RFP, the firms were evaluated and scored by an evaluation committee comprised of Commission and OCTA staff.

As a result of the evaluation committee's assessment of the written proposals and pursuant to the terms of the RFP, the evaluation committee shortlisted and invited three firms to the interview phase of the evaluation and selection process. Interviews of the shortlisted firms –

Kapsch TrafficCom, Mindhop Inc. and Parsons Transportation Group Inc. – were conducted on September 12, 2023.

As a result of the evaluation committee’s assessment of the written proposals and interviews, the evaluation committee recommends contract award to Parsons Transportation Group Inc. for the ATMS for the 91 Express Lanes for a one-year base period for implementation, five years of maintenance, and five one-year options for additional maintenance to extend the agreement for a total period of performance of up to 11 years, as this firm earned the highest total evaluation score. A summary of the proposed costs submitted with the written proposals and the total evaluation score rankings following the final evaluation are summarized below:

<b>Firm</b>	<b>Price</b>	<b>Overall Ranking</b>
Parsons Transportation Group	\$3,149,192	1
Kapsch TrafficCom	\$5,378,919	2
Mindhop Inc.	\$3,903,711	3
TransCore ITS, LLC	\$7,418,562	4


**DISCUSSION:**

Staff recommends the award of an agreement for the ATMS for the 91 Express Lanes for a one-year base period for implementation, five years of maintenance, and five one-year options for additional maintenance to extend the agreement for a total period of performance of up to 11 years for a total not to exceed amount of \$3,149,192. Staff is recommending a 15 percent contingency due to the complexity of the technology and duration of the contract. The Commission’s professional services agreement will be entered into with Parsons Transportation Group Inc. subject to any changes approved by the Executive Director, pursuant to legal counsel review. Staff also recommends authorization for the Chair or Executive Director to execute the agreement, including option terms and optional automatic incident detection system for the ATMS for the 91 Express Lanes. OCTA will reimburse the Commission for 50 percent of the contract value through the agreement.

Staff has estimated that Parsons Transportation Group, Inc. will complete the transition to the new ATMS in late 2024. As the existing Parsons contract expires in September of 2024, staff is recommending a one-year extension to the existing Parsons contract to allow for a seamless transition with no downtime at the TOC. Parsons will only receive payment for the portion of the one-year extension needed until transition to the new agreement is complete. Parsons agreed to the same cost for software license fees that are currently paid and a 2 percent escalation on the on-going maintenance costs. As such, staff is recommending a one-year extension in the amount of \$125,894 to the existing Parsons Agreement No. 17-31-020-00.

**FISCAL IMPACT:**

The Fiscal Year 2024 cost is estimated to be \$1,000,000 for the new ATMS and has been included in the FY 2024 repair and rehabilitation budget for the 91 Express Lanes. The remaining costs will be included in the FY 2025 budget during the forthcoming budget approval process.

Financial Information					
In Fiscal Year Budget:	Yes	Year:	FY 2023/24 FY 2024/25+	Amount:	\$1,000,000 \$2,747,465
Source of Funds:	Toll Revenue and OCTA Reimbursement			Budget Adjustment:	No
GL/Project Accounting No.:	009199 81041 00000 0008 591 31 81002 009104 81301 00000 0008 591 31 81301				
Fiscal Procedures Approved:				Date:	10/12/2023

**Attachments:**

- 1) Draft Agreement No. 23-31-048-00 with Parsons Transportation Group Inc.
- 2) Draft Amendment Agreement No. 17-31-020-00 with Parsons Transportation Group, Inc.

<i>Approved by the Toll Policy and Operations Committee on October 23, 2023</i>					
In Favor:	5	Abstain:	0	No:	0

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1                   **AGREEMENT FOR ADVANCED TRAFFIC MANAGEMENT SYSTEM AND VIDEO WALL**  
2   **BETWEEN**  
3                   **RIVERSIDE COUNTY TRANSPORTATION COMMISSION**  
4   **AND**  
5                   **PARSONS TRANSPORTATION GROUP**

6                   **THIS AGREEMENT** is effective as of this \_\_\_\_\_ day of \_\_\_\_\_, 2023  
7 ("Effective Date"), between the Riverside County Transportation Commission, a public entity of the  
8 State of California (hereinafter referred to as "COMMISSION") and Parsons Transportation Group  
9 Inc. (hereinafter referred to as "CONTRACTOR") each individually known as "Party" and collectively  
10 known as the "Parties".

11   **WITNESSETH:**

12                   **WHEREAS**, COMMISSION requires assistance from CONTRACTOR to provide, implement,  
13 install, service and maintain an Advanced Traffic Management System (ATMS), including the Video  
14 Wall, for the 91 Express Lanes, for the benefit of the COMMISSION and the Orange County  
15 Transportation Authority (OCTA);

16                   **WHEREAS**, the Work necessary to implement the Project cannot be performed by the  
17 regular employees of COMMISSION; and

18                   **WHEREAS**, CONTRACTOR has represented that it has the requisite personnel and  
19 experience, and is capable of performing the Work; and

20                   **WHEREAS**, CONTRACTOR wishes to perform the Work; and

21                   **WHEREAS**, ORANGE COUNTY TRANSPORTATION AUTHORITY ("AUTHORITY") and  
22 COMMISSION have entered into a Cooperative Agreement for among other things, joint  
23 implementation, operation and maintenance of 91 Express Lanes in Riverside and Orange Counties;  
24 and

1           **WHEREAS**, in 2003 AUTHORITY purchased from the California Private Transportation  
2 Company its interest in a Franchise Agreement with Caltrans to operate and maintain a toll collection  
3 system on State Route 91 between State Route 55 and the Orange County/Riverside County line  
4 ("OCTA 91 Express Lanes") and has been doing so since that time; and

5           **WHEREAS**, the COMMISSION constructed and, pursuant to a Toll Facility Agreement with  
6 Caltrans, as of 2017 operates and maintains a toll collection system on State Route 91 between  
7 Interstate 15 and County/Orange County line, and an Express Lane Connector between eastbound  
8 91 and southbound I-15 and between northbound I-15 and westbound 91("RCTC 91 Express  
9 Lanes"); and

10           **WHEREAS**, the OCTA 91 Express and the RCTC 91 Express Lanes are referred to,  
11 collectively, in this AGREEMENT as the 91 Express Lanes; and

12           **WHEREAS**, Procurement of the Work is authorized under Sections 130238 and 130240 et  
13 seq. of the Public Utilities Code and COMMISSION's Procurement Policy and Procedures; and

14           **WHEREAS**, the Parties intend for this AGREEMENT to be a comprehensive agreement  
15 obligating CONTRACTOR to perform all Work, as more particularly described in this AGREEMENT,  
16 including all attached documents; and

17  
18           **NOW, THEREFORE**, it is mutually understood and agreed by COMMISSION and  
19 CONTRACTOR as follows:

20 /

21           **ARTICLE 1. COMPONENTS OF AGREEMENT/INTERPRETATION**

22           A. AGREEMENT: This AGREEMENT, as defined in Exhibit A, Definitions and Acronyms,  
23 constitutes the complete and exclusive statement of the terms and conditions of the agreement  
24 between COMMISSION and CONTRACTOR for the Work and supersedes all prior representations,  
25  
26



1 understandings and communications. The invalidity in whole or in part of any term or condition of  
2 this AGREEMENT shall not affect the validity of other terms or conditions. Terms capitalized herein  
3 shall, unless otherwise defined herein, have the same meaning as set forth in Exhibit A. Where this  
4 Agreement uses the term "including" it shall mean including but not limited to, unless otherwise  
5 specifically indicated.

6 B. AGREEMENT Interpretation: This AGREEMENT and each of the attached documents  
7 are all an essential part of the Parties agreement and should be interpreted in a manner which  
8 harmonizes their provisions. However, if an actual conflict exists, the following descending order of  
9 precedence shall apply:

- 10 1. AGREEMENT Amendments adopted in accordance with this AGREEMENT;
- 11 2. This AGREEMENT;
- 12 3. All Exhibits attached hereto.

13 C. In the case of conflict, and notwithstanding the order of precedence, the most stringent  
14 requirement as determined by COMMISSION shall govern, unless otherwise agreed to in writing by  
15 COMMISSION.

16 D. COMMISSION's failure to insist in any one or more instances upon CONTRACTOR's  
17 performance of any terms or conditions of this AGREEMENT shall not be construed as a waiver or  
18 relinquishment of COMMISSION's right to such performance by CONTRACTOR or to future  
19 performance of such terms or conditions and CONTRACTOR's obligation in respect thereto shall  
20 continue in full force and effect. This AGREEMENT may be amended or modified only by mutual  
21 written agreement of the Parties.

22 E. CONTRACTOR shall only commence Work covered by an amendment after the  
23 Amendment is fully executed and notification to proceed has been provided by COMMISSION.

1                   **ARTICLE 2. WORK FOR BENEFIT OF COMMISSION AND AUTHORITY**

2                   A. The Parties acknowledge that the Work is for the benefit of the COMMISSION and the  
3 AUTHORITY.

4                   **ARTICLE 3. AUTHORIZED DESIGNEES**

5                   A. The Executive Director of the COMMISSION, or his or her designee, shall have the  
6 authority to act for and exercise any of the rights of the COMMISSION under this AGREEMENT.

7                   B. CONTRACTOR hereby designates Daniel Lukasik as an officer of CONTRACTOR, who  
8 shall be authorized to sign this AGREEMENT and any amendments to this AGREEMENT and to act  
9 for and make commitments on behalf of CONTRACTOR.

10  
11                   **ARTICLE 4. SCOPE OF WORK AND REQUIREMENTS**

12                   A. CONTRACTOR shall perform the Work in accordance with the attached Exhibit B,  
13 entitled "Scope of Work and Requirements", in a manner satisfactory to COMMISSION and  
14 AUTHORITY.

15                   B. CONTRACTOR shall provide all resources, personnel, Equipment, Software and  
16 supplies necessary to perform the Work. CONTRACTOR shall provide the Work in a competent and  
17 professional manner, in conformance with the highest industry standards, to the satisfaction of  
18 COMMISSION and AUTHORITY. COMMISSION and AUTHORITY shall be entitled to full and  
19 prompt cooperation by CONTRACTOR in all aspects of the Work. COMMISSION and AUTHORITY  
20 shall have the right to inspect the performance of the Work at any time, and CONTRACTOR shall  
21 fully and promptly cooperate with COMMISSION and AUTHORITY in the execution of such  
22 inspections.

1 CONTRACTOR'S PERSONNEL

2 C. Non-Key Team Personnel:

3 1. The CONTRACTOR agrees that it will at all times employ, maintain and assign a  
4 sufficient number of competent and qualified personnel and Subcontractors to perform the Work in  
5 a timely manner.

6 2. CONTRACTOR warrants and represents that its staff personnel and  
7 Subcontractors have the proper skill, training, background, knowledge, experience, rights,  
8 authorizations, integrity, character and licenses necessary to perform the Work in a competent and  
9 professional manner.

10 3. At the request of COMMISSION, in its sole discretion, CONTRACTOR shall  
11 promptly remove from assignment to the performance of Work any employee, Subcontractor, or any  
12 other person performing Work hereunder. COMMISSION's request to remove an employee or  
13 Subcontractor from this Project is specific only to Work under this AGREEMENT and shall have no  
14 bearing on CONTRACTOR's decision to retain the employee or Subcontractor for work outside of  
15 this AGREEMENT. COMMISSION shall bear no responsibility for any such decision by  
16 CONTRACTOR.

17 D. Key Team Personnel:

18 1. CONTRACTOR's Project Manager identified below is a "Key Team Personnel"  
19 and shall act as the primary point of contact in all matters on behalf of CONTRACTOR. The Project  
20 Manager shall assign other individuals as contacts with regard to specific functional area of the Work,  
21 subject to the Approval of COMMISSION.

22 2. Contractor shall provide the personnel listed below, which are hereby designated  
23 as Key Personnel under this Agreement:  
24  
25  
26

Name	Function
Daniel Lukasik	Principal-in-Charge
Derek Pines	Project Manager

3. CONTRACTOR acknowledges that the award of this AGREEMENT to CONTRACTOR was based in significant part on the qualifications of the Key Team Personnel and on CONTRACTOR's representation that they will be made available to perform the Work to completion, which availability is a material term of this AGREEMENT. No Key Team Personnel shall be removed or replaced by CONTRACTOR or have any significant change in function or any significant reduction in the level of commitment, without the prior written Approval of COMMISSION.

E. Initial Term: This AGREEMENT shall commence upon the Effective Date, and shall continue in full force and effect for a period of up to six years through November 30, 2029 ("Initial Term"), unless earlier terminated or extended as provided in this AGREEMENT. The Initial Term is composed of an Implementation Phase, and a Maintenance Services Phase, beginning at Go-Live, of five years.

F. Extensions: COMMISSION, at its sole discretion, may elect to extend the Initial Term of this AGREEMENT up to an additional 12 months ("Option Term 1"), and thereupon require CONTRACTOR to provide the Work and otherwise perform in accordance with the Scope of Work and Requirements at the rates set forth in Exhibit C. COMMISSION, at its sole discretion, may elect to extend the Initial Term, as extended by Option Term 1, up to an additional 12 months ("Option Term 2"), and thereupon require CONTRACTOR to continue to provide Work and otherwise perform in accordance with the Scope of Work and Requirements at the rates set forth in the Exhibit C. COMMISSION, at its sole discretion, may elect to extend the Initial Term, as extended by Option Term 2, up to an additional 12 months ("Option Term 3"), and thereupon require CONTRACTOR to

1 continue to provide Work and otherwise perform in accordance with the Scope of Work and  
2 Requirements at the rates set forth in the Exhibit C. COMMISSION, at its sole discretion, may elect  
3 to extend the Initial Term, as extended by Option Term 3, up to an additional 12 months ("Option  
4 Term 4"), and thereupon require CONTRACTOR to continue to provide Work and otherwise perform  
5 in accordance with the Scope of Work and Requirements at the rates set forth in the Exhibit C.  
6 COMMISSION, at its sole discretion, may elect to extend the Initial Term, as extended by Option  
7 Term 4, up to an additional 12 months ("Option Term 5"), and thereupon require CONTRACTOR to  
8 continue to provide Work and otherwise perform in accordance with the Scope of Work and  
9 Requirements at the rates set forth in the Exhibit C. The Initial Term and any extensions thereof  
10 shall be referred to as "Term" in this AGREEMENT.

11 G. Extensions Not Constituting Waiver: COMMISSION's election to extend the Initial Term  
12 under any Option Term above shall not diminish its right to terminate the AGREEMENT for  
13 COMMISSION's convenience or CONTRACTOR's default as provided elsewhere in this  
14 AGREEMENT. The maximum Term of this AGREEMENT shall be 11 years from the Effective Date.

15 **ARTICLE 5. TIME AND SCHEDULE/COMPLETION DATES**

16 A. Schedule and Submittals

17 1. CONTRACTOR's Submittal requirements and Submittal schedule shall be as set  
18 out in the Project Milestones and Project Deliverables tables, included in and in accordance with the  
19 Scope of Work and Requirements

20 2.

21 3. CONTRACTOR shall, within fifteen (15) days, provide a more detailed schedule  
22 for the Implementation Phase, consistent with the Project Milestones and Project Deliverables tables,  
23 upon COMMISSION request. The Approved schedule shall be referred to as the Approved  
24 Implementation Schedule. Progress of Work shall be measured against the Approved  
25  
26

1 Implementation Schedule and submitted to COMMISSION monthly in accordance with the Scope of  
2 Work and Requirements, until the Implementation Phase has been completed. Submission of  
3 monthly progress updates to such schedule shall not release or relieve CONTRACTOR from full  
4 responsibility for completing the Work within the time set forth in the Approved Implementation  
5 Schedule.

6 4. CONTRACTOR shall furnish sufficient resources to ensure the performance of  
7 the Work in accordance with the Approved Implementation Schedule. If CONTRACTOR falls behind  
8 in the performance of the Work as indicated in the Approved Implementation Schedule,  
9 CONTRACTOR shall take such steps as may be necessary to ensure its performance in accordance  
10 with the Approved Implementation Schedule.

11 B. Guaranteed Completion Dates:

12 In executing this AGREEMENT CONTRACTOR is guaranteeing that the ATMS will be fully  
13 operational by the Guaranteed Completion Date, subject to any extensions thereof Approved by  
14 COMMISSION in accordance with this AGREEMENT.

15 1. The ATMS shall be fully operational and shall have achieved Go-Live, as  
16 determined by COMMISSION, within \_\_\_\_\_ Calendar Days from Effective Date.

17 2. In addition to all other rights and remedies available to COMMISSION, if  
18 CONTRACTOR fails to meet the Guaranteed Completion Date, as such Guaranteed Completion  
19 Date may be extended pursuant to this AGREEMENT, CONTRACTOR shall be subject to liquidated  
20 damages as specified in Article 15, Liquidated Damages.

21 **ARTICLE 6. START AND PHASES OF WORK**

22 A. Implementation Phase: The Implementation Phase shall commence upon Effective Date  
23 and shall continue until Final Acceptance.

24 B. Maintenance Services Phase: The Maintenance Services Phase shall commence upon  
25  
26

Go-Live of the ATMS and shall continue through the end of the Term.

**ARTICLE 7. MAXIMUM OBLIGATION**

A. Notwithstanding any provisions of this AGREEMENT to the contrary, COMMISSION and CONTRACTOR mutually agree that COMMISSION's maximum cumulative payment obligation (including obligation for CONTRACTOR's profit) for all Work during the Initial Term shall be One Million, Seven Hundred Thirty-Three Thousand, Two Hundred Twenty Eight Dollars (\$1,733,228) (the "Maximum Obligation").

B. The maximum cumulative payment obligation for all Work during Option Term 1 shall be Five Hundred Sixty-Six Thousand, Four Hundred Thirty-One Dollars (\$566,431).

C. For COMMISSION only, the maximum cumulative payment obligation for all Work during Option Term 2 shall be Six Hundred Forty-Four Thousand, Nine-Hundred Seventeen Dollars (\$644,917).

D. The amounts set forth above include, but are not limited to, all amounts payable by COMMISSION to CONTRACTOR and its subcontracts, licenses, pass throughs, materials, and other costs arising from, or due to termination of, this AGREEMENT and as further set forth in Article 8, Payment, unless agreed to and amended in writing by COMMISSION and CONTRACTOR.

**ARTICLE 8. PAYMENT**

A. Payments made for Implementation Phase Work shall be in the amounts and percentages provided in Exhibit C, Milestone Payment Schedule. Payments made in the Maintenance Services Phase shall be as set forth in Exhibit C.

B. Payments for Implementation Phase: Payments to CONTRACTOR for the Implementation Phase will be as indicated in Exhibit C, Payment Schedule. Payments for ATMS design, development, integration and testing, installation and other Deliverables will be made using fixed prices for completed and Approved Deliverables as provided in Exhibit C

C. Payments for Maintenance Services: Payments for Maintenance will be made on a monthly basis, based on fixed monthly prices, and unit prices for extra work (which shall be processed as an Extra Work Order or Work Directive), in accordance with Exhibit C. Adjustments to these payments may be made for CONTRACTOR performance which falls below required Performance Measures as further set forth in the Scope of Work and Requirements.

D. Full and Complete Compensation: Payment as set forth herein shall constitute full compensation for meeting all obligations and requirements as set forth in this AGREEMENT.

E. Schedule of Fixed Payment for Implementation Phase: The following schedule shall establish the fixed payment to CONTRACTOR by COMMISSION for the Implementation Phase set forth in the Scope of Work and Requirements.

TYPE OF PAYMENT	AMOUNT (\$)
Total Implementation Phase (Fixed Price)	<b>\$1,733,228</b>

F. Schedule of Fixed Payment for Maintenance Services Phase: The following schedule shall establish the basis for payment to CONTRACTOR by COMMISSION for the Maintenance Services phase set forth in the Scope of Work and Requirements, excluding any extra work, which shall be processed as an Extra Work Order or Work Directive.

/



TYPE OF PAYMENT	AMOUNT (\$)
Maintenance Services Phase	
Fixed Price	
Option Term 1 Price	\$108,441
Option Term 2 Price	\$108,943
Option Term 3 Price	\$115,429
Option Term 4 Price	\$116,334
Option Term 5 Price	\$117,284

G. Invoice Requirements: During the Implementation Phase CONTRACTOR shall invoice COMMISSION on a monthly basis for payments corresponding to the Work actually completed by CONTRACTOR and Approved by COMMISSION in accordance with the payment method as set forth in paragraph D of this Article 8, Payment.

H. Following Go-Live (During the Maintenance Services Phase) CONTRACTOR shall invoice COMMISSION in accordance with the payment method as set forth in paragraphs F of this Article 8. Such payments shall be monthly in arrears, beginning one month after Go-Live. Such monthly Maintenance Services invoices shall be subject to the Approval of COMMISSION.

I. Deliverables and Work completed and Approved by COMMISSION shall be documented in a monthly progress report prepared by CONTRACTOR, which shall accompany each invoice submitted by CONTRACTOR. At its sole discretion, COMMISSION may decline to make full payment for any Deliverable until such time as CONTRACTOR has documented to COMMISSION's satisfaction, that CONTRACTOR has fully completed all Work required under the invoice. COMMISSION's payment in full for any task or Deliverable completed shall not constitute

1 COMMISSION's Final Acceptance of CONTRACTOR's Work under such invoice.

2 J. Retention: As partial security against CONTRACTOR's failure to satisfactorily fulfill all of  
3 its obligations under this AGREEMENT, COMMISSION shall retain ten percent (10%) of the amount  
4 of each Implementation Phase invoice submitted for payment by CONTRACTOR. CONTRACTOR  
5 shall invoice COMMISSION for the release of the retention in its final invoices following  
6 Implementation Phase Final Acceptance in accordance with this Article 8. All retained funds shall  
7 be released by COMMISSION and shall be paid to CONTRACTOR within sixty (60) Calendar Days  
8 of payment of final Implementation Phase invoice.

9 K. Submission of Invoices: CONTRACTOR shall submit invoices electronically to  
10 COMMISSION's Accounts Payable office at [AP@RCTC.org](mailto:AP@RCTC.org). COMMISSION shall remit payment  
11 within forty-five (45) Calendar Days of the receipt and Approval of a properly prepared invoice. Each  
12 invoice shall include the following information:

- 13 1. AGREEMENT No. 23-31-048-00
- 14 2. The specific phase for which payment is being requested;
- 15 3. Validation of quantities for the unit priced items, where applicable,
- 16 4. Identification of the relevant line item price in Exhibit C, and if milestone payment,  
17 identification of the milestone name, number, and amount in the Payment Schedule.
- 18 5. The time period covered by the invoice;
- 19 6. Total monthly invoice (including Project-to-date cumulative invoice amount) and  
20 retention for the time period covered by the invoice and cumulative retention held;
- 21 7. Monthly Progress Report and current Approved Implementation Schedule during  
22 Implementation Phase or, Monthly Operations Report during the Maintenance Services Phase;
- 23 8. Weekly certified payroll for personnel subject to prevailing wage requirements, if  
24 applicable;
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1           9.     Certification signed by CONTRACTOR that a) The invoice is a true, complete and  
2 correct statement of reimbursable costs and progress; b) The backup information included with the  
3 invoice is true, complete and correct in all material respects; c) All payments due and owing to  
4 Subcontractors and suppliers have been made; d) Timely payments will be made to Subcontractors  
5 and Suppliers from the proceeds of the payments covered by the certification and; e) The invoice  
6 does not include any amount which CONTRACTOR intends to withhold or retain from a  
7 Subcontractor or Supplier unless so identified on the invoice; and

8           10.    Any other information as agreed or requested by COMMISSION to substantiate  
9 the validity of an invoice.

10          L.    CONTRACTOR agrees to pay each Subcontractor for the satisfactory Work  
11 performed under this Agreement, no later than thirty (30) days from the receipt of each payment  
12 CONTRACTOR receives from COMMISSION for such Subcontractor Work. COMMISSION reserve  
13 the right to request the appropriate documentation from CONTRACTOR showing payment has been  
14 made to the Subcontractors and CONTRACTOR agrees to provide said documentation upon  
15 request. Any delay or postponement of payment from the above referenced time frames may occur  
16 only for good cause following written Approval by COMMISSION.

17           **ARTICLE 9.   NOTICES**

18          All Notices hereunder and communications regarding the interpretation of the terms of this  
19 AGREEMENT, or changes thereto, shall be effected by delivery of said Notices (a) in person or by  
20 courier; (b) by depositing said Notices in the U.S. mail, registered or certified mail, returned receipt  
21 requested, postage prepaid; or (c) sent by electronic e-mail; provided that the recipient of the  
22 electronic Notice acknowledges receipt of such transmission by email. Personal or courier delivery  
23 shall be deemed given upon actual delivery to the intended recipient at the designated  
24 address. Mailed Notices shall be deemed given upon the date of the actual receipt as evidenced by

the return receipt. Electronic e-mail Notice shall be deemed given upon the date the email is acknowledged as received by the recipient; provided that if acknowledgement is received after 5 p.m., delivery shall be deemed received as of 8 a.m. the following Business Day. Any Notice shall be sent, transmitted or delivered, as applicable, to the applicable Party or Parties at the following addresses:

<b>To: Riverside County Transportation Commission</b>	<b>To: PARSONS TRANSPORTATION GROUP INC.</b>
4080 Lemon Street,3rd Floor P.O. Box 12008 Riverside, CA 92502-2208	2201 Dupont Drive Suite 200 Irvine, CA 92612
ATTENTION: Ms. Anne Mayer Executive Director	Mr. Daniel Lukasik Vice President
Phone: (951) 787-7141	(714) 306-2321
Email: <a href="mailto:amayer@rctc.org">amayer@rctc.org</a>	Daniel.Lukasik@parsons.com

#### **ARTICLE 10. INDEPENDENT CONTRACTOR**

A. CONTRACTOR's relationship to COMMISSION in the performance of this AGREEMENT is, and shall at all times remain as to COMMISSION, a wholly independent contractor.

B. CONTRACTOR's personnel performing services under this AGREEMENT shall at all times be under CONTRACTOR's exclusive direction and control and shall be employees of CONTRACTOR and not employees of COMMISSION. CONTRACTOR shall pay all wages, salaries, and other amounts due its employees in connection with this AGREEMENT and shall be responsible for all reports and obligations respecting them, such as social security, income tax withholding, unemployment compensation, workers' compensation and similar matters.

C. Except as expressly provided in this AGREEMENT, CONTRACTOR shall have no power

1 to incur any debt, obligation, or liability on behalf of COMMISSION or otherwise act on behalf of  
2 COMMISSION as an agent. Neither COMMISSION nor any of its agents shall have control over the  
3 conduct of CONTRACTOR or any of CONTRACTOR's employees. CONTRACTOR shall not, at  
4 any time, or in any manner, represent that it or any of its agents or employees are in any manner  
5 agents or employees of COMMISSION.

6 D. CONTRACTOR shall defend, indemnify, and hold harmless COMMISSION with respect  
7 to any claims, causes of action, suits, judgements, liabilities, or legal or administration proceeding  
8 (collectively, "Claims") which arise out of (i) any assertion, whether by CONTRACTOR, any of its  
9 employees or Subcontractors, any public employee retirement system, or any local, state or federal  
10 agency, that CONTRACTOR or any of its Subcontractors or employees are in an employer-  
11 employee relationship with COMMISSION and thus, entitled to any compensation or benefits  
12 provided by COMMISSION to its own employees, including, but not limited to, benefits provided by  
13 COMMISSION under applicable Workers' Compensation laws, public employee retirement laws,  
14 Family Medical Leave Act, vacation, sick leave, etc.; (ii) any employment claims related to wages,  
15 hours, or employment terms and conditions raised or brought by any personnel CONTRACTOR has  
16 engaged to perform Work under this AGREEMENT; or (iii) failure of CONTRACTOR, or any of its  
17 employees or Subcontractors, to abide by applicable state and federal employment laws including,  
18 but not limited to, anti-harassment and anti-discrimination obligations. In addition to any other  
19 remedies it may have, COMMISSION shall have the right to offset against the amount of any  
20 payments due to CONTRACTOR under this AGREEMENT any costs or liabilities COMMISSION  
21 have incurred or will be reasonably expected to incur, due to CONTRACTOR's failure to defend,  
22 indemnify and hold harmless COMMISSION as required in this paragraph.

23 E. CONTRACTOR agrees to pay all required taxes on amounts paid to CONTRACTOR  
24 under this AGREEMENT, and to indemnify and hold COMMISSION harmless from any and all taxes,  
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1 assessments, penalties, and interest asserted against COMMISSION by reason of the independent  
2 contractor relationship created by this AGREEMENT. In the event that COMMISSION is audited by  
3 any Federal or State agency regarding the independent contractor status of CONTRACTOR and the  
4 audit in any way fails to sustain the validity of a wholly independent contractor relationship between  
5 COMMISSION and CONTRACTOR, then CONTRACTOR agrees to reimburse COMMISSION for  
6 all costs, including accounting and attorney's fees, arising out of such audit and any appeals relating  
7 thereto.

#### 8 **ARTICLE 11. INDEMNIFICATION**

9 A. CONTRACTOR shall indemnify, defend and hold harmless COMMISSION,  
10 AUTHORITY and their officers, directors, employees and agents, (hereafter, the "Indemnitees") from  
11 and against any and all claims (including attorneys' fees and reasonable expenses for litigation or  
12 settlement) for any loss or damages, bodily injuries, including death, damage to or loss of use of  
13 property caused by the negligent acts, omissions or willful misconduct by CONTRACTOR, its  
14 officers, directors, employees, agents, Subcontractors or Suppliers in connection with or arising out  
15 of the performance of this AGREEMENT. In addition to any other defense and indemnity obligations  
16 that CONTRACTOR has assumed under this AGREEMENT, CONTRACTOR shall defend,  
17 indemnify and hold harmless the Indemnitees from and against any and all liabilities, actions, suits,  
18 claims, and legal expenses, including attorneys' fees, which arise out of any claim asserting a cause  
19 of action for trespass, inverse condemnation or any other unlawful entry onto property by  
20 CONTRACTOR, its Subcontractors, agents or employees. Any monies owed may be deducted  
21 from any monies due or to become due to CONTRACTOR hereunder or under any other agreement  
22 between CONTRACTOR and COMMISSION.

#### 23 B. Intellectual Property

24 1. CONTRACTOR shall indemnify, defend, and hold harmless Indemnitees from  
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1 and against any and all claims, causes of action, suits, legal or administrative proceedings, including  
2 any judgments, interest, settlement amounts, losses, damages (statutory or actual), reasonable  
3 attorneys' fees, costs, and expenses incidental thereto, which may be suffered by, incurred by,  
4 accrued against, charged to, or recoverable from Indemnitees ("Claim(s)"), by reason of any such  
5 Claim arising out of or relating to any actual or alleged infringement of any intellectual property rights  
6 by any Intellectual Property, including without limitation Project Intellectual Property, alone or as  
7 incorporated into the Project, or any Deliverable, Work, Service(s) and/or Software, including  
8 Upgrades or Updates, or use thereof.

9 2. Without limiting any other rights or remedies available to COMMISSION under  
10 the Agreement, in law and/or equity, in the event that any Intellectual Property, Equipment or  
11 Software employed to provide Work pursuant to this AGREEMENT, or portion thereof, is held to  
12 constitute an infringement and its use is or may be enjoined, the CONTRACTOR shall have the  
13 obligation, at its sole expense, at COMMISSION's option to do one or more of the following:

14 a. Require CONTRACTOR to, at its own expense, supply, temporarily or  
15 permanently, replacement the Intellectual Property, Equipment or Software of similar quality and  
16 function which is not subject to such an infringement or injunction;

17 b. Require CONTRACTOR to, at its own expense, remove all such  
18 Intellectual Property, Equipment and Software and refund to COMMISSION the cost thereof or  
19 equitably adjust compensation;

20 c. Take such steps as is necessary to ensure compliance by COMMISSION  
21 with such injunction;

22 d. Modify, or require that the applicable Subcontractor or Supplier modify,  
23 the alleged infringing Intellectual Property at its own expense, without impairing in any respect the  
24 functionality or performance thereof that is non-infringing; and/or  
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1 e. Procure for COMMISSION, at CONTRACTOR's expense, the rights  
2 provided under this AGREEMENT to use the infringing Intellectual Property, Equipment or Software.

3 3. CONTRACTOR shall be solely responsible for determining and informing  
4 COMMISSION whether a prospective Supplier or Subcontractor is a party to any litigation involving  
5 Intellectual Property infringement or misappropriation or any injunction related to thereto, or arising  
6 out of any Intellectual Property, Equipment and/or Software provided hereunder. The  
7 CONTRACTOR shall enter into agreements with all Suppliers and Subcontractors at its own risk.  
8 COMMISSION may reject any Intellectual Property, Equipment or Software, which it believes to be  
9 the subject of any such litigation or injunction, or if, in COMMISSION's judgment, use thereof does  
10 not meet the objectives of Work, restricts or impairs COMMISSION's rights in any Intellectual  
11 Property, or be unlawful.

## 12 **ARTICLE 12. INSURANCE**

13 A. CONTRACTOR shall procure at its own expense and maintain during the Term of this  
14 Agreement or longer as provided herein, insurance coverage as specified in this Article 12 or as  
15 otherwise agreed to by the COMMISSION. CONTRACTOR shall provide the following insurance  
16 coverage:

17 1. Commercial General Liability at least as broad as Insurance Services Office  
18 Commercial General Liability Coverage (occurrence form CG 0001 or equivalent) with a minimum  
19 limit of \$2,000,000.00 per occurrence and \$4,000,000.00 general aggregate, and is acceptable to  
20 COMMISSION.

21 2. Automobile Liability at least as broad as Insurance Services Office Business  
22 Auto Coverage (form CA 0001, code 1, any auto, or equivalent), t with a minimum combined single  
23 limit of \$2,000,000.00 per occurrence and is acceptable to COMMISSION;

24 3. Workers' Compensation insurance as required by the State of California and  
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1 Employer's Liability Insurance. Employer's liability limits shall be no less than  
2 \$1,000,000 each accident, each employee for bodily injury, and policy limit for bodily injury. The  
3 policy shall be endorsed to waive the insurer's right of subrogation against the AUTHORITY and  
4 COMMISSION, and their respective officers, directors, employees and agents;

5 6. Technology Errors & Omissions Including Privacy and Network Security-  
6 covering liability for errors or omissions in rendering computer or information technology services  
7 including 1) systems analysis 2) systems programming 3) data processing 4) systems integration 5)  
8 outsourcing development and design 6) systems design, consulting, development and modification  
9 7) training services relating to computer Software or Hardware 8) management, repair and  
10 maintenance of computer products, networks and systems 9) marketing, selling, servicing,  
11 distributing, installing and maintaining computer Hardware or Software 10) data entry, modification,  
12 verification, maintenance, storage, retrieval or preparation of data output, and 11) Privacy and  
13 Network Security (Cyber Liability) insurance covering liability arising from a) hostile action, or a threat  
14 of hostile action ("ransomware"), b) "malware" including computer viruses, Trojan horses, worms and  
15 any other type of malicious or damaging code c) dishonest, fraudulent, malicious, or criminal use of  
16 a computer system by a person, whether identified or not, and whether acting alone or in collusion  
17 with other persons, d) denial of service for which the insured is responsible that results in the  
18 degradation of or loss of access to internet or network activities or normal use of a computer system  
19 e) loss of service that results in the inability of a third-party, who is authorized to do so, to access a  
20 computer system and conduct normal activities. The policy limit shall be not less than three million  
21 dollars (\$3,000,000) per claim and annual aggregate.

22 B. Proof of required coverage, in the form of a certificate of insurance, a copy of the  
23 insurance policy and/or an insurance company issued policy endorsement shall be provided to  
24 COMMISSION. Proof of insurance coverage and endorsements evidencing the requirements for  
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1 additional insureds must be received within ten (10) Business Days after notification of award of this  
2 AGREEMENT from COMMISSION. Such insurance shall be primary and non-contributory to any  
3 insurance or self-insurance maintained by COMMISSION. COMMISSION reserve the right to  
4 request certified copies of all related insurance policies.

5 C. COMMISSION and AUTHORITY, their officers, directors, employees and agents (the  
6 "Indemnitees") must be named as additional insured on Commercial General Liability and  
7 Automobile Liability Certificates and on the insurance policy endorsement with respect to  
8 performance hereunder.

9 D. CONTRACTOR shall also include in each subcontract the requirement that  
10 Subcontractors shall maintain appropriate insurance coverage in the amounts as required by  
11 CONTRACTOR and include the Indemnitees as additional insureds on general and automobile  
12 liability policies. Such coverage shall be in effect at all times that a Subcontractor is performing Work  
13 under the Contract. CONTRACTOR shall have responsibility to enforce Subcontractor compliance  
14 with these or similar insurance requirements provided that CONTRACTOR shall upon  
15 COMMISSION's request provide acceptable evidence of insurance for any Subcontractor. The  
16 CONTRACTOR shall assume all responsibility for risks or casualties of every description, for any and  
17 all damage, loss or injury, to persons or property arising out of the nature of the Services, including  
18 but not limited to the negligence or failure of its Subcontractors (as well as CONTRACTOR's  
19 employees) to comply with this AGREEMENT.

20 E. CONTRACTOR shall be required to immediately notify COMMISSION of any  
21 modifications or cancellation of any required insurance policies.

22 F. CONTRACTOR shall at all times during the Term of this AGREEMENT maintain  
23 insurance in such form as is satisfactory to COMMISSION, and will furnish COMMISSION with  
24 continuing evidence of insurance as provided below. All insurance policies shall be issued by  
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1 companies licensed to do business in the State of California, with an A.M. Best Rating of A-, Class  
2 VII, or better, or as otherwise Approved by COMMISSION. CONTRACTOR shall at all times comply  
3 with the terms of such insurance policies, and all requirements of the insurer under any such  
4 insurance policies, except as they may conflict with existing California laws or this AGREEMENT.

5 G. CONTRACTOR shall provide COMMISSION with certificates showing the required  
6 coverage to be in effect and a copy of the insurance policy or endorsements evidencing the  
7 requirements for the additional insureds. Such policies shall provide that the insurance shall not be  
8 materially modified or cancelled except upon thirty (30) Calendar Days prior written Notice to  
9 COMMISSION. COMMISSION will review complete copies of insurance policies and endorsements  
10 at a local office of CONTRACTOR, during normal business hours upon request.

11 H. The above insurance shall not contain a self-insurance retention (SIRs) unless Approved  
12 by COMMISSION.

13 I. Pertaining to the above paragraphs regarding professional liability, technology errors and  
14 omissions, and cyber liability insurance, if coverage is written on a claims made basis, such  
15 insurance shall be maintained in force at all times during the Term and for a period of three (3) years  
16 thereafter for Work completed during the Term. Additionally, if a sub-limit applies to any elements of  
17 coverage, the policy endorsement evidencing the coverage above must specify the coverage section  
18 and the amount of the sub-limit.

19 J. The limits of coverage under each insurance policy maintained by CONTRACTOR shall  
20 not be interpreted as limiting CONTRACTOR's liability and obligations under the AGREEMENT.

21 K. Waivers: The COMMISSION and CONTRACTOR waive all rights against each other,  
22 against each of their agents and employees and their respective members, directors, officers,  
23 employees, agents and consultants for any claims to the extent covered by insurance obtained  
24 pursuant to this Article 12, except such rights as they may have to the proceeds of such insurance.

1 CONTRACTOR shall require all sub-contractors to provide similar waivers in writing in favor of  
2 COMMISSION and their respective officers, officials, employees and volunteers except as otherwise  
3 agreed to by COMMISSION. CONTRACTOR also waives such rights against AUTHORITY, and will  
4 require similar waivers from its sub-contractors.

5 **ARTICLE 13. CHANGES**

6 A. COMMISSION may, from time to time, amend this AGREEMENT, order Work  
7 suspension, add or deduct Work and/or make changes to the Scope of Work and Requirements of  
8 this AGREEMENT hereinafter collectively referred to as "Changes".

9 B. Any such Changes shall result in the issuance of an Amendment signed by the  
10 COMMISSION and CONTRACTOR, or issuance of a written Extra Work Order.

11 C. If any Changes cause an increase or decrease in the price of this AGREEMENT or in the  
12 time required for its performance, CONTRACTOR shall promptly notify COMMISSION of any  
13 possible adjustment to price and/or schedule, within ten (10) Calendar Days after the Change is  
14 ordered. However, nothing in this clause shall excuse CONTRACTOR from proceeding immediately  
15 with the requested Change. No Change shall be compensated, or time extension provided therefore,  
16 except pursuant to an Amendment or Extra Work Order.

17 D. In determining additional compensation to be paid for Change, the Parties shall use the  
18 labor, Equipment, unit, and material costs and rates included in Exhibit C for in preparing the  
19 Amendment. For Equipment, and materials costs not covered or anticipated in Exhibit C, a catalog  
20 or market price of a commercial product sold in substantial quantities shall be used as the basis for  
21 propose costs.

22 E. If the cost of Change cannot be established on this basis or on the basis of prices  
23 set by the AGREEMENT, law or regulation, CONTRACTOR shall submit detailed cost  
24 breakdowns, including information on, Equipment, and materials costs and any other direct costs.

1 F. CONTRACTOR agrees that it will accept as full compensation for Change, a price  
2 mutually agreed upon in writing, via an Amendment or Extra Work Order.

3 G. If CONTRACTOR disagrees with the amount of compensation or time extension  
4 proposed in the Amendment or Extra Work Order the COMMISSION may issue a Work Directive.  
5 CONTRACTOR shall submit a written dispute to COMMISSION, within fifteen (15) Calendar Days  
6 after the receipt of the Work Directive. Notwithstanding CONTRACTOR's disagreement,  
7 CONTRACTOR shall proceed diligently with performance if directed by COMMISSION. The dispute  
8 shall state the points of disagreement and, if possible, the AGREEMENT specification references,  
9 quantities and costs involved. If a written dispute is not submitted within the above period, payment  
10 will be made as set forth in the Work Directive and such payment shall constitute full compensation  
11 for all Work included therein or required thereby. An undisputed Work Directive will be considered  
12 as executed Amendment or Extra Work Order.

13 H. CONTRACTOR shall promptly notify COMMISSION in writing when it receives direction,  
14 instruction, interpretation or determination from any source other than COMMISSION that may lead  
15 to or cause change in the Work. COMMISSION shall Approve before CONTRACTOR acts on said  
16 direction, instruction, interpretation or determination.

17 I. CONTRACTOR may initiate Change requests for Work it believes to be out of scope  
18 in accordance with paragraph A of this Article 13. CONTRACTOR must follow the process  
19 identified in this Article 13 for any CONTRACTOR initiated Change requests.

#### 20 **ARTICLE 14. DISPUTES**

21 A. All claims and other disputes between CONTRACTOR and COMMISSION shall be  
22 resolved in accordance with this Article 14, Disputes, except those matters referenced in this Article  
23 14, paragraph F below. All disputes shall be decided in accordance with this AGREEMENT and  
24 general principles of State law. Questions of fact and law may be considered in this dispute process;  
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1 providing that nothing in this AGREEMENT shall be construed as making the final decision of any  
2 COMMISSION official on a question of law. The Parties shall diligently cooperate with one another  
3 and with the person(s) appointed to resolve the dispute and shall perform such acts as may be  
4 necessary to obtain a prompt and expeditious resolution of the dispute.

5 B. Upon commencement of the dispute resolution process, the Parties shall first attempt to  
6 resolve the dispute between COMMISSION's Project Manager(s) and CONTRACTOR's Project  
7 Manager. The Parties shall meet in good faith within five (5) Business Days after the date that the  
8 written request for dispute resolution is submitted and attempt to resolve it. There shall be at least  
9 one meeting to attempt Project level resolution. The Project level negotiation may be continued upon  
10 the agreement of the Parties. If the COMMISSION's Project Manager and CONTRACTOR's Project  
11 Manager are able to resolve the dispute, the resolution shall be set forth in writing. If such resolution  
12 results in a Change, an Amendment shall be executed pursuant to Article 13, Changes. If the dispute  
13 cannot be resolved at the meeting or any continuance thereof, the following shall apply:

14 1. The dispute shall be submitted to COMMISSION's Executive Director within ten  
15 (10) Business Days of such meeting identified in paragraph B of this Article or continuance thereof,  
16 the Parties shall each submit the following written information to the Executive Director (a) an  
17 explanation of the nature of the dispute; (b) the Party's position; (c) the dollar amount and/or schedule  
18 impact of the dispute; and (d) any supporting documents the Party believes will aid the Executive  
19 Director in arriving at a decision. The Executive Director will issue a written decision within ten (10)  
20 Business Days; provided that if no written decision is submitted within that time, or any agreed upon  
21 extension thereof, the COMMISSION will have been deemed to have denied CONTRACTOR's  
22 position. The decision of the Executive Director shall be the final and conclusive administrative  
23 decision of the COMMISSION.

24 C. Nothing in this AGREEMENT, however, shall be construed as making final the decision  
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1 of any COMMISSION official or representative on a question of law, which questions shall be settled  
2 in accordance with the laws of the State of California.

3 D. If all other means of dispute resolution set forth above are not successful, either Party  
4 may commence an action. The action will take place in Riverside County. In lieu of litigation the  
5 Parties may upon terms agreed to by the Parties, elect mediation or arbitration, binding or otherwise.  
6 CONTRACTOR shall as a condition precedent to commencing an action in Riverside County  
7 Superior Court for money or damages file a claim pursuant to the Government Claims Act,  
8 Government Code sections 900 et seq. For purposes of the claims filing requirement, the running  
9 of the time period in which a claim must be filed shall be suspended until the final administrative  
10 decision by for the COMMISSION Executive Director, as applicable.

11 E. The dispute resolution procedures set forth in this Article shall not apply to the following:

- 12 1. Any matters that the AGREEMENT Documents expressly state are final, binding  
13 or not subject to dispute resolution;
- 14 2. Any claim or dispute that does not arise under the AGREEMENT;
- 15 3. Disputes regarding compliance with Governmental Rules, liability or  
16 indemnification;
- 17 4. Any claim for injunctive relief;
- 18 5. Any claim against an insurance company, including any Subcontractor dispute  
19 that is covered by insurance;
- 20 6. Disputes regarding matters under the jurisdiction of Cal-OSHA;
- 21 7. Any claim or dispute that is the subject of litigation in a lawsuit filed in court to  
22 which the procedures established in this Article do not apply, including any effort to interplead a party  
23 into such a lawsuit in order to make the procedures established in this Article applicable;
- 24 8. Any claim for, or dispute based on, remedies expressly created by statute;
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1           9. Any claim arising from this AGREEMENT to which a third party is a necessary  
2 party and has not agreed to participate in the process; provided that the Parties shall nevertheless  
3 proceed with resolution of disputes in accordance with this Article to the maximum extent possible.

4           **ARTICLE 15. LIQUIDATED DAMAGES**

5           A. If CONTRACTOR fails to: (1) complete the Work required for Go-Live by the Guaranteed  
6 Completion Date or any Approved extension thereof, or (2) meet the Maintenance Services  
7 Performance Measures of the AGREEMENT established in the Scope of Work and Requirements,  
8 the actual damage to COMMISSION will be difficult or impossible to determine. Therefore, the  
9 Parties have agreed to stipulate to the amount payable to COMMISSION as liquidated damages in  
10 order to fix and limit CONTRACTOR's costs and to avoid later disputes over what amount of  
11 damages are proper. The Parties agree that the amount of liquidated damages are reasonable in  
12 light of the anticipated or actual damage to COMMISSION and do not constitute a penalty.  
13 Liquidated damages may be assessed at COMMISSION's sole discretion as follows:

14           A. Go-Live Delays

15           In the event that CONTRACTOR has not completed the Work required for Implementation  
16 of the 91 Express Lanes ATMS and achieved Go-Live by the Guaranteed Completion Date: \$1,000  
17 per Calendar Day up to \$10,000 per month, commencing the day following the Guaranteed  
18 Completion Date. COMMISSION will cap liquidated damages under the Agreement at the not to  
19 exceed the total value of the contract.

20           B. Failure to Meet Performance Measures

21           Performance Measures establish a minimum level of service for Maintenance Services  
22 Phase Work.

23           C. Failure to meet such Performance Measures shall result in the assessment of liquidated  
24 damages in the form of adjustments as set forth in the Scope of Work and Requirements. These  
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1 adjustments shall result in a reduction of the amount of the monthly fee COMMISSION would  
2 otherwise pay to CONTRACTOR for the Work.

3 D. COMMISSION may deduct liquidated damages from any monies due or that may  
4 become due to CONTRACTOR under the AGREEMENT. COMMISSION is not obligated, however,  
5 to make such a deduction or to provide notice thereof. If such deducted monies are insufficient to  
6 recover the liquidated damages owing, CONTRACTOR shall pay to COMMISSION any deficiency  
7 prior to Final Acceptance of Implementation Phase or closeout of Maintenance Services Phase, as  
8 applicable, or upon termination of this AGREEMENT.

9 E. The failure of COMMISSION to assess any liquidated damages authorized under this  
10 Article 15 shall not constitute a waiver of COMMISSION's right to assess such adjustments or  
11 liquidated damages at a future date. Further, failure to impose liquidated damages does not  
12 constitute a waiver of CONTRACTOR's obligations to perform in accordance with the AGREEMENT  
13 and Scope of Work and Requirements.

14 F. Liquidated damages are separate and cumulative and are not in lieu of actual damages  
15 incurred under this AGREEMENT due to a CONTRACTOR default.

#### 16 **ARTICLE 16. RISK OF LOSS**

17 A. CONTRACTOR shall bear all risk of damage or loss to the ATMS, except for damage  
18 and loss caused by the sole negligence or willful misconduct of COMMISSION or Force Majeure.  
19 CONTRACTOR shall promptly replace the damaged or lost portions of the ATMS at  
20 CONTRACTOR's cost for which it bears all risk or when risk of damage or loss.

21 B. In the case of damage or loss that was caused by the sole negligence or willful  
22 misconduct of COMMISSION, or Force Majeure, CONTRACTOR shall promptly replace the  
23 damaged or lost portions of the ATMS at CONTRACTOR's cost after such cost is pre-Approved by  
24 COMMISSION, and submit the amount(s) thus expended to COMMISSION for reimbursement as a  
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1 clearly identified, separate item on its next invoice to COMMISSION. If risk of loss is in dispute,  
2 CONTRACTOR shall nevertheless promptly replace the damaged or lost portions of the ATMS at  
3 CONTRACTOR's initial cost; provided that in doing so, CONTRACTOR does not waive any  
4 remedies it may have under this AGREEMENT to later recover such costs.

5 **ARTICLE 17. DEFAULT**

6 A. Default of CONTRACTOR: A default shall mean a material breach of this AGREEMENT  
7 by CONTRACTOR.

8 B. Notice of Default - Chance to Cure:

9 If, in the determination of COMMISSION, a default has occurred, COMMISSION will notify  
10 CONTRACTOR by delivery of a Notice hereinafter referred to as "Default Notice" specifying the  
11 default claimed, and advising CONTRACTOR that such default must be cured as set forth therein  
12 or this AGREEMENT may be terminated. Prior to declaring an Event of Default, COMMISSION  
13 shall allow CONTRACTOR to cure the default to COMMISSION's reasonable satisfaction within  
14 fifteen (15) Calendar Days, or such shorter time if the default requires it; provided that  
15 COMMISSION is not required to issue a Default Notice if there is a default which by nature cannot  
16 be cured. Failure to provide a Default Notice shall not preclude COMMISSION from exercising  
17 other available remedies short of termination. COMMISSION may extend the opportunity to cure  
18 beyond the 15-Calendar Day period if the default is one COMMISSION agree requires additional  
19 time to cure, so long as CONTRACTOR has commenced curing such default and is effectuating  
20 a cure with diligence and continuity during such 15-Calendar Day period, or extension thereof  
21 which COMMISSION prescribe.

22 C. Remedies in the Event of Default ; Notice of Termination for Cause.

23 1. If CONTRACTOR does not cure the default within the time prescribed or the  
24 default is not subject to cure, COMMISSION may declare an Event of Default, which shall be in  
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1 writing and provided to CONTRACTOR. In addition to all other rights and remedies under this  
2 AGREEMENT, COMMISSION shall, upon declaration of an Event of Default, have the right to  
3 terminate this AGREEMENT, in whole or in part, pursuant to issuance of a Notice of Termination  
4 for Cause, specifying the effective date thereof and/or perform or cause to be performed the Work  
5 or any portion thereof, which are required of CONTRACTOR. The Notice of Termination for  
6 Cause may be provided concurrently with any written declaration of an Event of Default. In  
7 exercising such rights, COMMISSION may immediately take possession of, and CONTRACTOR  
8 shall deliver, all applicable Equipment, Software and data, and facilities that house such items as  
9 COMMISSION may direct. COMMISSION shall also have the right to complete the Work with  
10 CONTRACTOR's Subcontractors and CONTRACTOR shall assign such subcontracts as  
11 COMMISSION direct. COMMISSION, as part of its right to complete the Work, may take  
12 possession of and use, and CONTRACTOR shall be required to deliver to COMMISSION, any or  
13 all of the materials, plants, tools, Equipment, Hardware, supplies and property of every kind,  
14 provided, purchased, maintained, owned, or rented by CONTRACTOR in performing the Work,  
15 including but not limited to all technical specifications, drawings, and other documents and data.  
16 COMMISSION may procure other materials, plant, tools, Equipment, and supplies for purposes  
17 of performing the Work. COMMISSION may charge CONTRACTOR and CONTRACTOR shall  
18 be liable to COMMISSION for the expense of said labor, materials, plant, tools, Equipment,  
19 supplies and property reasonably necessary in performing or completing the Work.

20 2. If COMMISSION declares an Event of Default, CONTRACTOR shall be liable  
21 for those damages provided herein resulting from the default, including but not limited to:

22 a. The difference between the actual costs incurred by COMMISSION in  
23 completing the Work and the compensation COMMISSION would otherwise have paid  
24 CONTRACTOR under this AGREEMENT for completing such Work;

b. Liquidated damages,

c. Actual damages.

The CONTRACTOR shall remain liable for any other liabilities and claims related to CONTRACTOR's default. All damages and costs may be deducted and paid out of any monies due from COMMISSION to CONTRACTOR.

D. If an Event of Default occurs, CONTRACTOR shall be liable to COMMISSION for all losses and damages incurred by COMMISSION. Upon the occurrence of an Event of Default and for so long as it occurs, COMMISSION may withhold all or any portion of further payments to CONTRACTOR until the date that COMMISSION accept the Project as complete at which time COMMISSION will determine if CONTRACTOR is entitled to any further payments. COMMISSION will deduct, from any moneys due or which become due CONTRACTOR, all costs and charges incurred by COMMISSION, including attorneys, accountants and expert witness fees and costs. If COMMISSION's losses or damages exceed payments owing CONTRACTOR, then CONTRACTOR shall be liable and pay such amount to COMMISSION within ten (10) Calendar Days of COMMISSION's written demand. If CONTRACTOR fails to pay such demand within such timeframe, COMMISSION may collect interest thereon at the lessor of 10% per annum or the maximum rate allowed under State law from the date of the written demand.

E. In the event that it is later determined that the AGREEMENT was terminated upon grounds which did not justify a termination for Event of Default, such termination shall be deemed a termination for convenience pursuant to Article 18, Termination for Convenience.

#### **ARTICLE 18. TERMINATION FOR CONVENIENCE**

COMMISSION may terminate this AGREEMENT for its convenience at any time in whole or in part, by delivering to CONTRACTOR a written Notice of Termination for Convenience specifying the extent of termination and its effective date. Upon termination, CONTRACTOR shall discontinue

1 performance of all or that portion of Work, as set forth in such Notice and COMMISSION shall pay  
2 CONTRACTOR its allowable costs incurred through the effective date of termination, and those  
3 allowable costs determined by COMMISSION to be reasonably necessary to effect such  
4 termination. Thereafter, CONTRACTOR shall have no further claims against COMMISSION under  
5 this Agreement.

## 6 **ARTICLE 19. ACCEPTANCE**

### 7 **A. ATMS Acceptance of Implementation Phase**

8 1. The phases of the Project are set forth in Article 6, Start and Phases of Work.  
9 2. COMMISSION, in its sole discretion, may grant ATMS Acceptance of the  
10 Implementation Phase if COMMISSION deems that the Work in the Implementation Phase is  
11 substantially complete, and the following conditions have been met:

12 a. Go-Live has been Approved in accordance with the Scope of Work  
13 and Requirements;

14 b. CONTRACTOR has substantially passed and has been given  
15 conditional Approval of the ATMS Acceptance test; and

16 c. CONTRACTOR has committed to completing remaining punch list  
17 items and provided proof to COMMISSION's satisfaction thereof.

18 3. COMMISSION shall issue a written Notice of ATMS Acceptance for the  
19 Implementation Phase upon satisfaction of the conditions listed above in items 2a through 2c.  
20 The occurrence of ATMS Acceptance shall not relieve CONTRACTOR of any of its continuing  
21 obligations hereunder.

### 22 **B. Final Acceptance of Implementation Phase**

23 Final Acceptance of Implementation Phase shall be deemed to have occurred when all of  
24 the following conditions have been met:

1           1. Any and all punch list items have been satisfactorily completed and Approved  
2 by COMMISSION and final Approval of the Acceptance Test, has been granted by  
3 COMMISSION;

4           2. CONTRACTOR has delivered and COMMISSION have Approved all  
5 Deliverables, as set forth in the Scope of Work and Requirements;

6           3. An affidavit has been delivered to COMMISSION signed by CONTRACTOR,  
7 stating all debts and claims of Suppliers and Subcontractors have been paid and/or settled;

8           4. All CONTRACTOR claims for the Implementation Phase are deemed to be  
9 resolved by COMMISSION, and CONTRACTOR has submitted a statement that no such requests  
10 or disputes will be applied for; any and all claims under this AGREEMENT are resolved, and that  
11 no such claims will be made;

12           5. All of CONTRACTOR's other obligations, including payment of liquidated  
13 damages, under the Implementation Phase shall have been satisfied in full or waived in writing  
14 by COMMISSION;

15           6. COMMISSION shall have delivered to CONTRACTOR a Notice of Final  
16 Acceptance for the phase.

17           C. Closeout of Maintenance Services Phase and Contract

18           Closeout of the Maintenance Services Phase and AGREEMENT shall be deemed to have  
19 occurred when all of the following conditions have been met:

20           1. Delivery by CONTRACTOR and Approval by COMMISSION of all  
21 Deliverables, as set forth in the Scope of Work and Requirements;

22           2. CONTRACTOR has met all transition and succession requirements, if  
23 requested by COMMISSION;

24           3. All licenses and leases subject to transfer or assignment to COMMISSION  
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1 have been transferred or assigned;

2 4. Any and all CONTRACTOR action items associated with the phase have been  
3 satisfactorily completed and Approved by COMMISSION;

4 5. An affidavit has been delivered to COMMISSION signed by CONTRACTOR,  
5 stating all debts and claims of Suppliers and Subcontractors have been paid and/or settled;

6 6. All CONTRACTOR claims for the phase are deemed to be resolved by  
7 COMMISSION, and CONTRACTOR has submitted a statement that no such requests or disputes  
8 will be applied for; any and all claims under this AGREEMENT are resolved, and that no such  
9 claims will be made;

10 7. The CONTRACTOR shall provide COMMISSION with all required materials,  
11 fixtures, furnishings, Equipment and Software; documentation and manuals, either owned by or  
12 licensed to COMMISSION, pursuant to this AGREEMENT. All such materials have been verified  
13 by COMMISSION to be in good working order;

14 8. All of CONTRACTOR's other obligations under the Maintenance Services  
15 Phase, including liquidated damages, shall have been satisfied in full or waived in writing by  
16 COMMISSION; and

17 9. COMMISSION shall have delivered to CONTRACTOR a Notice of Closeout for  
18 the phase and the Contract.

19 D. COMMISSION's beneficial use of the Deliverables during any phase prior to  
20 AGREEMENT closeout shall not constitute Acceptance of any Deliverable, nor shall such use give  
21 rise to a claim for equitable adjustment.

22 **ARTICLE 20. INSPECTION**

23 A. All Work, Sites, and Facilities shall be subject to inspection, monitoring, and testing by  
24 COMMISSION and AUTHORITY at all reasonable times. Any inspection, test or Approval is for the  
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1 sole benefit of COMMISSION and shall not relieve CONTRACTOR of the responsibility of providing  
2 quality control measures to assure that the Work strictly complies with requirements of this  
3 AGREEMENT. No inspection, test or Approval by COMMISSION shall be construed as constituting  
4 or implying Acceptance unless all criteria for Acceptance have been met in accordance with Article  
5 19, Acceptance. Inspection, test or Approval shall not relieve CONTRACTOR of responsibility for  
6 damage to or loss in accordance with Article 16, Risk of Loss, nor in any way affect the continuing  
7 rights of COMMISSION after Acceptance of the completed Work.

## 8 **ARTICLE 21. INTELLECTUAL PROPERTY**

### 9 **A. Project Intellectual Property.**

10 1. CONTRACTOR acknowledges and agrees that all Intellectual Property  
11 authored, created, invented under this AGREEMENT, in any medium, is either owned by  
12 COMMISSION or specially ordered or commissioned by COMMISSION, including works made  
13 for hire in accordance with Section 101 of the Copyright Act of the United States ("Project  
14 Intellectual Property"). CONTRACTOR hereby irrevocably and exclusively assigns to  
15 COMMISSION all rights, title and interest in and to such Project Intellectual Property.

16 2. CONTRACTOR shall deliver to COMMISSION all COMMISSION Materials,  
17 documents, results and related materials created in the development of Project Intellectual  
18 Property as required by the Scope of Work and Requirements, or upon COMMISSION request.

### 19 **B. Contractor Intellectual Property.**

20 1. CONTRACTOR hereby grants to COMMISSION a non-exclusive, transferable  
21 (solely to an COMMISSION and AUTHORITY, assignee or successor in interest), fully paid-up  
22 right and license to use, execute, perform, sublicense, distribute, reproduce, adapt, display, and  
23 prepare derivative works of the Contractor Intellectual Property in connection with the Project, or  
24 any Deliverable, Work, service(s), and/or Software, including any Upgrades or Updates.



1 CONTRACTOR Intellectual Property shall mean Intellectual Property authored, created or  
2 invented by CONTRACTOR either (a) prior to the Effective Date or (b) independently of this  
3 AGREEMENT. The rights granted herein shall survive the termination, expiration or cancellation  
4 of this AGREEMENT or any rights related thereto.

5 2. Upon COMMISSION request, CONTRACTOR shall identify and disclose all  
6 CONTRACTOR Intellectual Property required by, incorporated in or integrated into the Project, or  
7 any Deliverable, Work, service(s), and/or Software, including any Upgrades or Updates.

8 C. Third Party Intellectual Property.

9 1. CONTRACTOR shall secure license(s) in the name of COMMISSION to use,  
10 execute, perform, sublicense, distribute, reproduce, adapt, display, and prepare derivative works  
11 of the Third-Party Intellectual Property in connection with the Project, or any Deliverable, Work,  
12 Service(s), and/or Software, including any Upgrades or Updates, including a representation and  
13 warranty that the Third Party Intellectual Property does not infringe the rights, including Intellectual  
14 Property rights, of any other person or entity. Third Party Intellectual Property shall mean  
15 Intellectual Property owned by any person or entity unrelated to CONTRACTOR which is  
16 incorporated into the Project, Work or service(s). COMMISSION shall review and Approve, in its  
17 sole discretion, any license(s) pursuant to this Article and in no event shall CONTRACTOR  
18 incorporate Third-Party Intellectual Property into the Project, or any Deliverable, Work, service(s),  
19 and/or Software, including any Upgrades or Updates without first securing such licenses and  
20 subject to COMMISSION's prior review and Approval.

21 2. CONTRACTOR shall identify and disclose to COMMISSION, upon request, all  
22 Third-Party Intellectual Property contained, or included, (i) in the Project Intellectual Property or  
23 (ii) in the Project, or any Deliverable, Work, service(s), and/or Software, including any Upgrades  
24 or Updates, including.

1                   3. CONTRACTOR shall not incorporate Third-Party Intellectual Property into the  
2 Project without first obtaining (a) the licenses described above in C.1.

3 Payments Inclusive. CONTRACTOR acknowledges and agrees that the payments provided for in  
4 Article 8 include all royalties, fees, costs and expenses arising from or related to the Project  
5 Intellectual Property. CONTRACTOR acknowledges that COMMISSION are public commission  
6 subject to state laws, including the California Public Records Act (California Government Code  
7 §6250, et seq.) (the "Public Records Act"). Notwithstanding any designation or communication by  
8 CONTRACTOR that any CONTRACTOR information or materials provided under this AGREEMENT  
9 may be confidential or proprietary, CONTRACTOR consents in advance to COMMISSION's  
10 disclosure of the same if COMMISSION determine that the COMMISSION is required by law to  
11 disclose. Such disclosure shall not constitute a breach of this AGREEMENT. COMMISSION will  
12 provide reasonable notice to CONTRACTOR of any request for disclosure of information or materials  
13 identified by CONTRACTOR as "confidential", "trade secret" or "proprietary" or otherwise considered  
14 confidential under this AGREEMENT. If CONTRACTOR wishes to oppose any such disclosure,  
15 CONTRACTOR shall assume the opposition to such disclosure(s) or shall indemnify COMMISSION  
16 for all costs incurred (including attorneys' fees and court costs) in connection with any opposition to  
17 such disclosure.

## 18                   **ARTICLE 22. WARRANTIES**

19                   A. CONTRACTOR warrants the following:

20                         1. All guarantees and warranties made herein are fully enforceable by  
21 COMMISSION acting in its own name.

22                         2. The Equipment and Software CONTRACTOR installs and places into operation  
23 will not result in any damage to existing facilities, walls or other parts of adjacent, abutting or overhead  
24 buildings, railroads, bridges, roadway, structures, surfaces, or cause any physical or mental injury to  
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any person.

3. All provided Equipment is new unless otherwise specifically Approved by COMMISSION.

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**B. ATMS Warranty**

CONTRACTOR shall provide a full ATMS warranty on all System Equipment, Hardware and Software beginning from the date of Go-Live through the end of the Maintenance Services Phase hereinafter referred to as "ATMS Warranty Period", warranting that the full ATMS shall be and perform as set forth in the Scope of Work and Requirements. During the ATMS Warranty Period, COMMISSION shall not be charged for any Maintenance or Software Support Services Work performed on the ATMS, other than Maintenance payments identified in Exhibit C, or Work identified as excluded in the Scope of Work and Requirements. Such excluded Work shall include Work related to Force Majeure events or Changes requested by COMMISSION, pursuant to Article 13, Changes. Notwithstanding the foregoing, in the period after installation and prior to the commencement of the Maintenance Services Phase, all Maintenance and Software Support Services Work shall also be at CONTRACTOR's sole expense. Further, at all times during the Term, CONTRACTOR shall promptly repair or replace, at its own cost or expense, including, the cost of removal, installation and transportation, any unit of Equipment, Hardware, or Software, or part or component thereof, which proves defective or otherwise fails to comply with the Scope of Work and Requirements. All fees associated with restocking cancelled or returned orders shall be the responsibility of CONTRACTOR.

**C. Software Warranties**

CONTRACTOR warrants that the Software needed to operate the ATMS shall be as set forth in the Scope of Work and Requirements, and that commencing upon Go-Live, and for the Term, the Software and each module or component and function thereof shall:

1 1. Be free from defects in materials and workmanship under normal use;

2 2. Remain in good working order, be free from viruses; trap doors; disabling devices;  
3 Trojan horses; disabling codes; back doors; time bombs; drop-dead devices; worms, and any other  
4 type of malicious or damaging code or other technology or means which has the ability to interfere  
5 with the use of the ATMS by COMMISSION or its designees, or permit access to COMMISSION's  
6 computing systems without its knowledge or contrary to its system connectivity policies or  
7 procedures;

8 3. Operate and function fully, properly and in conformity with the warranties in this  
9 AGREEMENT, and

10 4. Operate fully and correctly in the operating environment identified in the Scope of  
11 Work and Requirements, including by means of the full and correct performance of the Software,  
12 and all Updates, Enhancements, or new releases of the Software, on or in connection with the  
13 Equipment, any Updates, Enhancements, or new releases to such Equipment, and any other  
14 Software used by or in connection with any such Equipment;

15 5. Be fully compatible and interface completely and effectively with the Equipment,  
16 including other Software programs provided to COMMISSION hereunder, such that the Software  
17 and other Equipment combined will perform and continuously attain the standards identified in the  
18 Scope of Work and Requirements, and

19 D. ATMS Maintenance Work

20 During the Term, CONTRACTOR shall, at its own cost and expense, provide Maintenance  
21 and Software Support Services Work to keep the Software in good working order and free from  
22 defects such that the ATMS shall perform in accordance with this AGREEMENT, including Scope of  
23 Work and Requirements.

24 1. CONTRACTOR shall provide technical support and shall, at its own cost and  
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1 expense, timely remedy any failure, malfunction, defect or non-conformity in Software, in accordance  
2 with the Scope of Work and Requirements.

3 2. CONTRACTOR shall provide COMMISSION the most current release of all  
4 Software available on the date of delivery of the ATMS Software to maintain optimum performance  
5 pursuant to this AGREEMENT.

6 3. CONTRACTOR shall promptly provide Notice to COMMISSION in writing of any  
7 defects or malfunctions in the Software, regardless of the source of information. CONTRACTOR  
8 shall promptly correct all defects or malfunctions in the Software or documentation discovered and  
9 shall promptly provide COMMISSION with corrected copies of same, without additional charge. If  
10 Software can only be corrected in conjunction with additional or revised Hardware, CONTRACTOR  
11 shall provide such Hardware to COMMISSION, and the cost of such Hardware shall be borne by  
12 CONTRACTOR, and not be reimbursable by COMMISSION.

13 a. No Updates, Upgrades, or Enhancements shall adversely affect the  
14 performance of the ATMS, in whole or in part, or result in any failure to meet any Requirements  
15 of the Scope of Work and Requirements.

16 b. CONTRACTOR shall ensure continued satisfactory performance by the  
17 current operating system of the Software in accordance with all provisions of this Article.

18 c. In the event that the Software does not satisfy the conditions of  
19 performance set forth in the Scope of Work and Requirements, CONTRACTOR is obligated to  
20 promptly repair or replace such Software at CONTRACTOR's sole cost and expense or, if  
21 expressly agreed to in writing by COMMISSION, provide different Equipment or Software, and  
22 perform Work required to attain the Performance Measures and conditions of performance set  
23 forth in the Scope of Work and Requirements.

24 d. In the event of any defect in the media upon which any tangible portions  
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1 of the Software are provided, CONTRACTOR shall provide COMMISSION with a new copy of the  
2 Software.

3 e. Without releasing CONTRACTOR from its obligations for warranty  
4 (during an applicable warranty period), support or Maintenance of the Software, COMMISSION  
5 shall have the right to use and maintain versions of the Software provided by CONTRACTOR  
6 which are one or more levels behind the most current version of such Software and to refuse to  
7 install any Updates, Upgrades, or Enhancements if, in COMMISSION's discretion, installation of  
8 such Updates, Upgrades, or Enhancements would interfere with its operations. CONTRACTOR  
9 shall not, however, be responsible or liable for the effect of any error or defect in the version of  
10 the Software then in use by COMMISSION that occurs after CONTRACTOR has both (i) offered,  
11 by written Notice to COMMISSION, a suitable correction (by way of Update, Upgrade,  
12 Enhancement or otherwise) of such error or defect and (ii) provided COMMISSION a reasonable  
13 opportunity to implement such existing correction, provided that CONTRACTOR establishes that  
14 neither the implementation nor the use of such correction would limit, interfere with, adversely  
15 affect, or materially alter the interoperability, functionality or quality of the ATMS.

16 E. Third-Party Warranties

17 CONTRACTOR shall assign to COMMISSION, and COMMISSION shall have the benefit of,  
18 any and all Subcontractors' and Suppliers' warranties and representations with respect to the ATMS  
19 and Work provided hereunder. The CONTRACTOR's agreements with Subcontractors, Suppliers  
20 and any other third parties shall require that such parties (a) consent to the assignment of such  
21 warranties and representations to COMMISSION, (b) agree to the enforcement of such warranties  
22 and representations by COMMISSION in its own name, and (c) furnish to COMMISSION, the  
23 warranties set forth herein. The CONTRACTOR shall obtain maintenance agreements for third-  
24 party Software. CONTRACTOR shall secure such maintenance agreements for the same duration  
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1 and upon the same terms and conditions as the Maintenance provisions between CONTRACTOR  
2 and COMMISSION. At COMMISSION's request, CONTRACTOR shall provide supporting  
3 documentation which confirms that these warranties are enforceable in COMMISSION's names.

4 F. Neither Acceptance of the Implementation Phase of the ATMS and Work or payment  
5 therefor, nor any provision in this AGREEMENT, nor partial or entire use of the ATMS and Work by  
6 COMMISSION shall constitute Approval of Work not performed in accordance with this  
7 AGREEMENT or relieve CONTRACTOR of liability for any express or implied warranties or  
8 responsibility for faulty materials or workmanship.

9 G. The obligations set forth in this Article shall be in addition to any other warranty obligations  
10 set forth in this AGREEMENT. All provisions of this Article, referring or relating to obligations to be  
11 performed pursuant to an applicable warranty period that extends beyond the Term, shall survive  
12 the expiration, cancellation or earlier termination of this AGREEMENT.

### 13 **ARTICLE 23. ADDITIONAL CONTRACTOR WARRANTIES**

14 A. CONTRACTOR warrants that it is fully experienced and properly qualified, licensed,  
15 equipped, organized and financed to perform all the Work.

16 B. CONTRACTOR warrants that all Work will be provided in accordance with this  
17 AGREEMENT.

18 CONTRACTOR warrants that (1) all Work performed and all Equipment, Software, Hardware and  
19 other material provided under this AGREEMENT by CONTRACTOR or any of its Subcontractors or  
20 Suppliers conforms to the requirements herein and is free of any defects; and (2) Equipment and  
21 Hardware furnished by CONTRACTOR or any of its Subcontractors or Suppliers at any tier, shall be  
22 of modern design, in good working condition and fit for use of its intended purpose. For any  
23 Equipment or Hardware purchased within twelve (12) months of the end of the Term, such warranty  
24 shall continue for a minimum period of one (1) year from the end of the Term, or the manufacturer's  
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1 standard warranty, whichever is longer.

2 **ARTICLE 24. DEFECTS/FAILURE**

3 A. Upon discovery of any defect or failure in the Software, Equipment or Hardware,  
4 CONTRACTOR shall promptly provide COMMISSION Notice thereof and repair or replace same at  
5 its sole cost and expense. If expressly agreed to in writing by COMMISSION, CONTRACTOR may  
6 provide different Software, Equipment or Hardware. In the event of any defect in the media upon  
7 which any tangible portions of the Software are provided, CONTRACTOR shall provide  
8 COMMISSION with a new copy of the Software. In addition, CONTRACTOR shall remedy at its  
9 own expense any damage to COMMISSION owned or controlled real or personal property, when  
10 that damage arises out of such defects.

11 B. In the event COMMISSION determine there is a defect or failure in the Software,  
12 Equipment or Hardware or damage to COMMISSION's property, COMMISSION shall notify  
13 CONTRACTOR in writing within a reasonable time after the discovery of same. CONTRACTOR has  
14 seven (7) Calendar Days from receipt of Notice from COMMISSION to respond and specify how  
15 CONTRACTOR will remedy the failure, defect, or damage. If COMMISSION are not satisfied with  
16 CONTRACTOR'S proposed remedy, CONTRACTOR and COMMISSION shall, within three (3)  
17 Business Days, meet and mutually agree when and how CONTRACTOR shall remedy such  
18 violation. In the case of an emergency requiring immediate corrective action, CONTRACTOR shall  
19 implement such action necessary to remedy the defect, failure or damage as required by  
20 COMMISSION.

21 C. Should CONTRACTOR fail to remedy any failure, defect or damage within a reasonable  
22 time to the reasonable satisfaction of COMMISSION, COMMISSION shall have the right with its own  
23 forces or other contractors, to replace, repair or otherwise remedy such failure, defect or damage at  
24 CONTRACTOR's expense. In addition, CONTRACTOR shall be liable for all damages arising out  
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1 its failure to promptly remedy the defect, failure or damage.

2 D. CONTRACTOR agrees to promptly remedy, at no cost to COMMISSION, any defects  
3 determined by COMMISSION to be Pervasive, such that if COMMISSION determine that any  
4 Equipment, component, sub-component or Software is experiencing continued or repetitive failure  
5 that requires constant replacement or repair, CONTRACTOR agrees that a "Pervasive Defect" shall  
6 be deemed to be present in such affected types of Equipment or Software. CONTRACTOR shall  
7 perform an investigation of the issues and prepare a report that includes a reason for the failure and  
8 its plan for resolution. This report and a resolution plan shall be produced by CONTRACTOR and  
9 submitted to COMMISSION within seven (7) Calendar Days of notification by COMMISSION of the  
10 Pervasive Defect. The report and plan shall include the investigation results, remediation steps  
11 performed to-date, and a plan and schedule to complete the Pervasive Defect resolution. Such  
12 resolution shall be in a manner satisfactory to COMMISSION and that permanently addresses the  
13 problem and corrects the defect so that such defect does not continue to occur. The status shall be  
14 updated and briefed in weekly meetings until resolution is complete. Notwithstanding the foregoing,  
15 COMMISSION do not waive any of its other rights enumerated in paragraphs A through C of this  
16 article.

17 E. The obligations set forth in this Article shall be in addition to any warranty obligations set  
18 forth in this AGREEMENT. The provisions of this Article shall survive the expiration or earlier  
19 termination of this AGREEMENT.

20 F. All Subcontractors, manufacturers, and Suppliers' warranties, expressed or implied,  
21 respecting any Work, Equipment, Software or Hardware furnished hereunder, shall, at the direction  
22 of COMMISSION, be enforced by CONTRACTOR for the benefit of COMMISSION.

23 G. If directed by COMMISSION, CONTRACTOR shall require any such warranties to be  
24 executed in writing to COMMISSION.

1 H. Any equipment, hardware or software furnished by COMMISSION and accepted by  
2 CONTRACTOR, shall be considered Equipment, Hardware or Software, as defined in Exhibit A,  
3 Definitions and Acronyms, and subject to all of CONTRACTOR's obligations as set forth in this  
4 AGREEMENT.

5 I. The obligations and remedies specified in this Article shall not limit COMMISSION's rights  
6 and remedies provided elsewhere in this AGREEMENT.

7 **ARTICLE 25. COORDINATION WITH OTHER CONTRACTORS**

8 A. During the course of this AGREEMENT, COMMISSION may undertake or award other  
9 agreements for additional work, including but not limited to separate agreements with different  
10 contractors. It is critical that close coordination with interfacing contractors occurs throughout the  
11 Term. CONTRACTOR shall fully cooperate with COMMISSION, AUTHORITY and their contractors  
12 and carefully integrate and schedule its own Work with said contractors.

13 B. CONTRACTOR shall be required to perform Work in the AUTHORITY's Anaheim CSC  
14 Facility, which is leased by the AUTHORITY. CONTRACTOR shall be subject to and shall comply  
15 with the terms of such lease and shall coordinate with the landlord in all aspects of its occupancy  
16 and operations at the Facility. The terms of the lease for the Anaheim CSC Facility are incorporated  
17 by reference to this AGREEMENT.

18 C. Should problems in coordination with other contractor(s) occur CONTRACTOR shall  
19 make COMMISSION aware of these problems immediately and shall take steps to address the  
20 problems and mitigate any delays or additional costs.

21 D. CONTRACTOR shall cooperate with other contractors or forces performing work any  
22 nature within or adjacent to Sites specified in order to avoid any delay or hindrance to such other  
23 contractors or forces. COMMISSION reserve the right to perform other or additional work at or near  
24 the Site (including material sources) at any time, by the use of other forces.

1 E. CONTRACTOR shall be responsible to other contractor(s) for all damage to work, to  
2 persons or property caused by CONTRACTOR, its Subcontractor(s), or its Suppliers, and losses  
3 caused by unnecessary delays or failure to finish the Work within the time specified for completion.  
4 Any damage to Work, persons or property of CONTRACTOR by other contractors shall be the  
5 responsibility of other contractor(s) and CONTRACTOR shall have no claim against COMMISSION  
6 or the AUTHORITY.

7 CONTRACTOR's Responsibility for design. Upon Approval of the design, including any related  
8 infrastructure, construction or installation design, CONTRACTOR shall assume responsibility for the  
9 design to the extent that if the Work is installed as designed and the ATMS does not meet the  
10 Performance Measures of this AGREEMENT, CONTRACTOR shall be responsible for the costs of  
11 redesign, rework and additional Equipment costs and any other costs associated with the sub-  
12 standard performance.

#### 13 **ARTICLE 26. CONTRACTOR INSPECTION OF FACILITIES**

14 CONTRACTOR acknowledges that it has investigated and satisfied itself as to the conditions  
15 of the Sites including, but not restricted to, building locations, conditions, size, layout, availability of  
16 labor, and other similar physical conditions at the Sites, and the character of Equipment and Facilities  
17 needed preliminary to and during prosecution of the Work. Any failure by CONTRACTOR to  
18 acquaint itself with the available information will not relieve it from responsibility for the difficulty or  
19 cost of successfully performing the Work. COMMISSION and AUTHORITY assume no responsibility  
20 for any conclusions or interpretations made by CONTRACTOR on the basis of the information made  
21 available by COMMISSION or AUTHORITY.

#### 22 **ARTICLE 27. SEISMIC SAFETY REQUIREMENTS**

23 CONTRACTOR agrees to ensure that all Work performed under this AGREEMENT including  
24 work performed by a Subcontractor is in compliance with the standards required by applicable  
25  
26

1 seismic safety regulations.

2 **ARTICLE 28. ASSIGNMENTS AND SUBCONTRACTS**

3 A. Neither this AGREEMENT nor any interest herein nor claim hereunder may be assigned  
4 by CONTRACTOR either voluntarily or by operation of law, nor may all or any part of this  
5 AGREEMENT be subcontracted by CONTRACTOR, without the prior written consent of  
6 COMMISSION. Consent by COMMISSION shall not be deemed to relieve CONTRACTOR of its  
7 obligations to comply fully with all terms and conditions of this AGREEMENT.

8 B. COMMISSION hereby consents to CONTRACTOR's subcontracting portions of the  
9 Scope of Work and Requirements to the parties identified in Exhibit C. CONTRACTOR shall include  
10 in the subcontract agreement the stipulation that CONTRACTOR, not COMMISSION, is solely  
11 responsible for payment to the Subcontractor for the amounts owing, and that the Subcontractor  
12 shall have no claim, and shall take no action, against COMMISSION, its officers, directors,  
13 employees or sureties for nonpayment by CONTRACTOR.

14 **ARTICLE 29. CONTRACTOR PURCHASED EQUIPMENT**

15 A. Prior authorization, in writing, by COMMISSION's Project Managers shall be required  
16 before CONTRACTOR enters into any unbudgeted purchase order, or subcontract for supplies  
17 and/or Equipment. CONTRACTOR shall provide an evaluation of the necessity or desirability of the  
18 same.

19 B. For purchase of any item, service or consulting work not included in Exhibit C and  
20 exceeding \$5,000.00, three (3) competitive quotations must be submitted with the request, or the  
21 absence of bidding (sole source) must be adequately justified.

22 C. Any Equipment purchased as a result of this AGREEMENT is subject to the following:  
23 CONTRACTOR shall maintain an inventory of all nonexpendable property. Nonexpendable property  
24 is defined as having useful life of at least two years and an acquisition cost of \$5,000.00 or more.

1 Upon the expiration or termination of this AGREEMENT, COMMISSION may elect to retain the  
2 Equipment, require CONTRACTOR to decommission and dispose of the Equipment at no cost to  
3 COMMISSION, or require CONTRACTOR to sell such Equipment at the best price obtainable at a  
4 public or private sale, and credit COMMISSION in an amount equal to the sale price. COMMISSION  
5 may also elect to allow CONTRACTOR to keep the Equipment, in which case COMMISSION and  
6 CONTRACTOR shall come to agreement on a mutually acceptable fair market value price.  
7 COMMISSION may elect to require CONTRACTOR to hire an appraiser at CONTRACTOR's cost,  
8 in order to determine a basis for a fair market value price. If CONTRACTOR sells the Equipment,  
9 the terms and conditions of such sale must be Approved in advance by COMMISSION.

10 D. All Subcontracts entered into as a result of this AGREEMENT shall contain all of the  
11 provisions of this Article.

12 **ARTICLE 30. DISPOSITION OF ATMS AS A SERVICE**

13 A. COMMISSION shall have the right to assume all required licenses, leases and service  
14 agreements to allow uninterrupted use, operation and maintenance of the Equipment and services  
15 under the same terms as those provided to CONTRACTOR for such services.

16 B. CONTRACTOR will effect the transfer of title, service agreements and licenses, as  
17 applicable.

18 **ARTICLE 31. OWNERSHIP AND HANDLING OF REPORTS, DOCUMENTS, AND**  
19 **DATA**

20 A. The originals of all letters, documents, reports and other products and data produced  
21 under this AGREEMENT shall upon request be delivered to, and shall be the sole property of  
22 COMMISSION. Deliverables shall be deemed works made for hire and all rights in copyright therein  
23 shall be retained by COMMISSION. Except as otherwise provided herein, copies of the foregoing  
24 may be made for CONTRACTOR's records but shall not be furnished to others without written  
25  
26

1 authorization from COMMISSION.

2 B. All ideas, memoranda, specifications, plans, manufacturing, procedures, drawings,  
3 descriptions, and all other written information submitted to CONTRACTOR in connection with the  
4 performance of this AGREEMENT shall not, without prior written Approval of COMMISSION, be  
5 used for any purposes other than the performance under this AGREEMENT, nor be disclosed to an  
6 entity not connected with such performance.

7 C. CONTRACTOR acknowledges and agrees that privacy of 91 Express Lanes customers  
8 is of paramount importance to COMMISSION and its customers. To the extent that CONTRACTOR  
9 accesses any PII in performance of this AGREEMENT, CONTRACTOR shall comply with  
10 COMMISSION's privacy policies and all applicable Governmental Rules, and Business Rules  
11 pertaining to confidentiality of PII and shall not sell, transfer, disclose or otherwise use such  
12 information for any purpose. CONTRACTOR shall indemnify COMMISSION with regard to any  
13 failure to comply with this Article 31 in accordance with Article 11, Indemnification.

14 D. CONTRACTOR shall inform all of its officers, employees, agents, and  
15 Subcontractors providing Work of the confidentiality provisions of this Agreement. CONTRACTOR  
16 will require that any CONTRACTOR personnel, Subcontractor(s) or other third party with whom  
17 CONTRACTOR will disclose or disseminate COMMISSION Data, in whole or in part, execute and  
18 adhere to an agreement incorporating the provisions of this Section. Nothing in this Article shall  
19 allow CONTRACTOR to disclose or disseminate COMMISSION Data without prior written consent  
20 and CONTRACTOR shall deliver to COMMISSION all executed agreements with Subcontractors  
21 prior to any authorized disclosure and dissemination.

22 E. CONTRACTOR shall not use COMMISSION's names, logos, branding, photographs of  
23 the Project, or any other publicity pertaining to the Project in any professional publication, magazine,  
24 trade paper, newspaper, seminar or other medium without the express written consent of  
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1 COMMISSION.

2 F. No copies, sketches, computer graphics or graphs, including graphic artwork, are to be  
3 released by CONTRACTOR to any other person or agency except after prior written Approval by  
4 COMMISSION, except as necessary for the performance of Work under this AGREEMENT. All  
5 press releases, including graphic display information to be published in newspapers, magazines,  
6 etc., are to be handled only by COMMISSION unless otherwise agreed to by CONTRACTOR and  
7 COMMISSION.

8 /

9 **ARTICLE 32. AUDIT AND INSPECTION OF RECORDS**

10 A. CONTRACTOR shall provide COMMISSION, or other agents of COMMISSION access  
11 to CONTRACTOR's accounting books, records, payroll documents and facilities, as COMMISSION  
12 deem necessary. CONTRACTOR shall maintain such books, records, data and documents in  
13 accordance with generally accepted accounting principles and shall clearly identify and make such  
14 items readily accessible to such parties during CONTRACTOR's performance hereunder and for a  
15 period of four (4) years from the date of final payment by COMMISSION. CONTRACTOR shall  
16 permit any of the foregoing parties to reproduce documents by any means whatsoever or to copy  
17 excerpts and transcriptions as reasonably necessary The State of California, State Auditor,  
18 AUTHORITY, COMMISSION, their duly authorized representatives or other agents of AUTHORITY  
19 and COMMISSION shall have access to any books, records, payroll documents, facilities and  
20 documents of CONTRACTOR and its certified public accountants (CPA) work papers that are  
21 pertinent to the AGREEMENT and indirect cost rate (ICR) for audit, examinations, excerpts, and  
22 transactions, and copies thereof shall be furnished if requested.

23 B. COMMISSION's right to audit books and records directly related to this AGREEMENT  
24 shall also extend to all Subcontractors performing Work identified in this AGREEMENT, and such  
25  
26

1 language must be included in CONTRACTOR's agreements with its Subcontractors, resulting from  
2 this AGREEMENT.

3 **ARTICLE 33. FEDERAL, STATE AND LOCAL LAWS**

4 CONTRACTOR warrants that in the performance of this AGREEMENT, it shall comply with  
5 all applicable federal, state and local laws, statutes and ordinances and all lawful orders, rules and  
6 regulations promulgated thereunder.

7 /

8 **ARTICLE 34. PREVAILING WAGE RATES**

9 A. California Labor Code Requirements. CONTRACTOR is aware of the requirements of  
10 California Labor Code Sections 1720 et seq. and 1770 et seq., as well as California Code of  
11 Regulations Title 8, Section 16000, et seq. ("Prevailing Wage Laws), which require the payment of  
12 prevailing wage rates and the performance of other requirements on certain "public works" and  
13 "maintenance" projects. If the Work, or any portion thereof, is being performed as part of an  
14 applicable "public works" or "maintenance" project, as defined by the Prevailing Wage Laws, and if  
15 the total compensation is \$1,000 or more, CONTRACTOR agrees to fully comply with such  
16 Prevailing Wage Laws, if applicable. CONTRACTOR shall defend, indemnify and hold  
17 COMMISSION, its elected officials, officers, employees and agents free and harmless from any  
18 claims, liabilities, costs, penalties or interest arising out of any failure or alleged failure to comply with  
19 the Prevailing Wage Laws. It is the intent of the parties to effectuate the requirements of sections  
20 1771, 1774, 1775, 1776, 1777.5, 1813, and 1815 of the Labor Code within this Agreement, and  
21 CONTRACTOR shall therefore comply with such Labor Code sections to the fullest extent required  
22 by law. It shall be mandatory upon the CONTRACTOR and all Subcontractors to comply with all  
23 California Labor Code provisions, which include but are not limited to prevailing wages, employment  
24 of apprentices, hours of labor and debarment of contractors and subcontractors.



1 B. If the Work, or any part thereof, is being performed as part of an applicable "public works"  
2 or "maintenance" project, then pursuant to Labor Code Sections 1725.5 and 1771.1, CONTRACTOR  
3 and all Subcontractors performing such services must be registered with the Department of Industrial  
4 Relations. CONTRACTOR shall maintain registration during the Term and require the same of any  
5 subcontractors, as applicable.

6 C. The Project may also be subject to compliance monitoring and enforcement by the  
7 Department of Industrial Relations. It shall be CONTRACTOR's sole responsibility to comply with  
8 all applicable registration and labor compliance requirements. Any stop orders issued by the  
9 Department of Industrial Relations against CONTRACTOR or any Subcontractor that affect  
10 CONTRACTOR's performance of the Work, including any delay, shall be CONTRACTOR's sole  
11 responsibility. Any delay arising out of or resulting from such stop orders shall be considered  
12 CONTRACTOR caused delay and shall not be compensable by COMMISSION. CONTRACTOR  
13 shall defend, indemnify and hold COMMISSION, its officials, officers, employees and agents free  
14 and harmless from any claim or liability arising out of stop orders issued by the Department of  
15 Industrial Relations against CONTRACTOR or any subcontractor.

16 D. CONTRACTOR agrees to insert or cause to be inserted the preceding clause in all  
17 subcontracts, which provide for workers to perform work hereunder regardless of the subcontractor  
18 tier.

### 19 **ARTICLE 35. EQUAL EMPLOYMENT OPPORTUNITY**

20 In connection with its performance under this AGREEMENT, CONTRACTOR shall not  
21 discriminate against any employee or applicant for employment because of race, religion, color, sex,  
22 age or national origin. CONTRACTOR shall take affirmative action to ensure that applicants are  
23 employed, and that employees are treated during their employment, without regard to their race,  
24 religion, color, sex, age or national origin. Such actions shall include, but not be limited to, the  
25  
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1 following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising;  
2 layoff or termination; rates of pay or other forms of compensation; and selection for training, including  
3 apprenticeship.

4 **ARTICLE 36. CLEANING UP**

5 A. CONTRACTOR shall at all times keep the Facilities and Sites, including storage areas  
6 used by it, clean and free from accumulations of waste material or rubbish. Upon completion of the  
7 Work, CONTRACTOR shall leave the Facilities and Sites in a clean, neat and workmanlike condition  
8 satisfactory to COMMISSION.

9 **ARTICLE 37. PROHIBITED INTERESTS**

10 CONTRACTOR covenants that, for the Term, no director, member, officer or employee of  
11 COMMISSION during his/her tenure in office or for one (1) year thereafter, shall have any interest,  
12 direct or indirect, in this Agreement or the proceeds thereof.

13 **ARTICLE 38. FORCE MAJEURE**

14 A Party shall be excused from performing its obligations under this AGREEMENT during the  
15 time and to the extent that it is prevented from performing by an unforeseeable cause that is beyond  
16 its control, including but not limited to: any incidence of fire, flood, or other acts of God; labor strikes,  
17 commandeering of material, products, plants or facilities by the federal, state or local government;  
18 national fuel shortage; or a material act or omission by the other Party; when satisfactory evidence  
19 of such cause is presented to the other Party; and provided further that such nonperformance is  
20 unforeseeable, beyond the control and is not due in part or whole, to the fault or negligence of the  
21 Party not performing and could not have been avoided or limited in the exercise of due diligence by  
22 such Party.

23  
24 [SIGNATURES ON FOLLOWING PAGE]  
25  
26

This AGREEMENT shall be made effective upon execution by both parties.

**IN WITNESS WHEREOF**, the parties hereto have caused this AGREEMENT No. 23-31-048-00 to be executed as of the date first set forth above.

**RIVERSIDE COUNTY TRANSPORTATION**

**COMMISSION**

By: \_\_\_\_\_  
Anne Mayer  
Executive Officer

APPROVED AS TO FORM:

By: \_\_\_\_\_  
Best Best & Krieger LLP  
General Counsel

**PARSONS TRANSPORTATION GROUP, INC.**

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

**ATTEST:**

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

## DEFINITIONS

### Definitions

The following terms, as used in the Agreement, are capitalized and shall have the meaning as provided herein.

Note: Terms that are specifically defined within the Agreement or are generally understood from the context are generally not included in the definitions below. Titles of Deliverables which are fully described and detailed in the Scope of Work and Requirements are also generally not included in this exhibit.

Term	Definition
Acceptance	Approval of the ATMS or acceptance of a Phase as further set forth in Article 19.
Agreement	The contract for the Project executed by the Commission, and the Contractor, containing the terms and conditions, all exhibits, and reference documents, including all amendments thereto.
Amendment	The means of making Changes to the Agreement pursuant to Article 13, Changes. Also referred to as "Change Order", or any other written amendment to the Agreement executed by authorized signators.
Approve	The term "Approve" and its variations (e.g., "Approval" or "Approved"), when capitalized in this Agreement refer to acceptance of a process, vendor, document, condition, action, Submittal, or Deliverable in writing by the Commission. Approval by the Commission shall not be construed to mean endorsement or assumption of liability by the Commission nor shall it relieve the Contractor of its responsibilities under the Agreement.
ATMS	All Hardware, hosted services, cloud-based services, Equipment, Software, and other services or Work, that in combination provide the technology, functionality and processes required in the Scope of Work and Requirements. The ATMS also includes, if applicable, existing 91 Express Lanes system hardware, software and equipment, if any, which the Contractor chooses to use on this Project.
Business Day	A weekday, excluding the Commission's observed Holidays, beginning at 12:00:00 a.m. and ending at 11:59:59 pm (local Pacific time).
Calendar Day(s)	Every day, including weekends and Commission' observed Holidays, beginning at 12:00:00 a.m. and ending at 11:59:59 pm (local Pacific time).
Change	Modification, addition, deduction, or suspension of Work pursuant to Article 13, Changes.

Change Order	See "Amendment".
Commission Data	Commission Data means any Commission information, data, records and information to which the Contractor has access, possession or otherwise provided to the Contractor, whether or not intended under or for the purposes of the Agreement, and includes, without limitation, any information that identifies, relates to, describes, is capable of being associated with, or could reasonably be linked, directly or indirectly, with a particular consumer or household .
Commission Maximum Payment Obligation	The maximum authorized payment to be made by the Commission under the Agreement.
Contractor Intellectual Property	All Intellectual Property owned by Contractor either (i) prior to the Effective Date or (ii) independently of the Agreement.
Deliverable(s)	All documentation and any items of any nature submitted by the Contractor to the Commission for review and Approval pursuant to the terms of this Agreement and the Scope of Work and Requirements. See "Submittal".
Enhancement	Any change that provides new and significant Software or Hardware functionality, above that specified in the Scope of Work and Requirements and Agreement and is not an Upgrade or Update.
Equipment	An all-inclusive term to mean the Hardware, components, associated peripherals, associated firmware, electrical and other materials and supplies necessary to provide Work pursuant to the Agreement and Scope of Work and Requirements, inclusive of all solutions, including any Facility on-premise, hosted or cloud-based Equipment or Hardware.
Event of Default	A material breach of the Agreement as detailed in Agreement Article 17, Default.
Final Acceptance of Implementation Phase	Final Acceptance of the Implementation Phase will be considered by the Commission to have occurred, when the conditions for Final Acceptance of this Phase set forth in Article 19, Acceptance have been met.
Force Majeure	The circumstances as defined in the Agreement, whereby a party is excused from meeting a requirement(s) specified in this Agreement as further set forth in Article 38, Force Majeure.
Go-Live	The date on which the ATMS has been commissioned and placed into operation in accordance with the Scope of Work and Requirements.
Guaranteed Completion Date	The date upon which Contractor agrees the ATMS will Go-Live, and for which Contractor shall be subject to liquidated damages for failure to meet such date.
Hardware	See "Equipment".

## Exhibit A

Implementation Phase	The phase of the Project, which begins at the Effective Date and ends at Acceptance of Implementation Phase.
Indemnitees	Parties identified in the Agreement to be indemnified by Contractor as further set forth in the Agreement.
Intellectual Property	All current and future legal and/or equitable rights and interests in know-how, patents (including applications), copyrights (including moral rights), trademarks (registered and unregistered), service marks, trade secrets, designs (registered and unregistered), utility models, circuit layouts, business and domain names, inventions, solutions embodied in technology, and other intellectual activity, and applications of or for any of the foregoing, subsisting in or relating to the Software, Work, Project and/or services. Without limiting the generality of the foregoing, Intellectual Property includes Software, Commission Data, and information collected, stored, processed or analyzed.
Key Team Personnel	Contractor positions that are designated as most critical to performing and managing the Work and this Agreement.
Maintenance	The Maintenance and related services required to be furnished by the Contractor, in accordance with the Scope of Work and Requirements.
Maintenance and Software Support Services	Services to be performed by Contractor related to the maintenance of the ATMS Hardware and network and monitoring, support and administration of the Software.
Maintenance Services	See "Maintenance".
Notice	A formal communication made pursuant to the terms of the Agreement, Article 9, Notices, addressing legal and contractual matters, not applicable to daily or regular Implementation and Maintenance Phase communications.
Notice of Default	A Notice sent to the Contractor declaring an Event of Default.
Notice of Termination	A Notice sent to Contractor initiating termination of the Agreement.
Maintenance Phase	The Phase beginning upon Go-Live through the end of the Agreement.
Party	Any signatory to this Agreement.
Payment Schedule	Milestone payment schedule for completed and Approved Deliverables and Submittals.
Performance Measures	The metrics established in the Scope of Work and Requirements used for determining adherence to performance requirements.

## Exhibit A

Personally Identifiable Information (PII)	Sensitive personal information as identified in the Security Standards and established by relevant applicable law, as further set forth in the Agreement and Scope of Work and Requirements.
Pervasive Defect	A failure determined by the Commission to be recurring or repetitive as further set forth in Article 24, Defects/Failure.
Project	The total Work set forth in the Scope of Work and Requirements and as further set forth and detailed in the Agreement.
Project Intellectual Property	All Intellectual Property authored, created and/or invented under or for the purposes of the Agreement and/or the Project.
Project Manager	The Contractor's duly authorized representative designated to manage the Contractor's performance of the work in accordance with the Agreement.
Requirement(s)	Each of the required Work activities that the Contractor shall perform.
Sites	Any location where Work on this Project is conducted or performed.
Software	All computer programs, media, procedures, rules and associated documentation pertaining to the control and operation of the data processing and data storage for the BOS. Software includes all associated features and functions described in the Statement of Work and requirements, including all Agreement Change Orders, updates, derivative works, enhancements, modifications or upgrades thereto, and all error corrections, patches and bug fixes provided by the Contractor and which is made part of the BOS, as well as all related or ancillary data files, modules, libraries, tutorial and demonstration programs, and other components thereof, all source and object code, firmware and all documentation.
State	The State of California.
Subcontractor	Any person, firm or corporation, other than the Contractor's employees, who contracts to furnish labor, or labor and materials, at the Site(s) or in connection with the Services, whether directly or indirectly, on the Contractor's behalf and whether or not in privity with the Contractor.
Submittal	See "Deliverable".
Supplier	Any person, firm, or corporation who contracts to furnish materials, equipment, or supplies for incorporation in or in connection with the Work.
Term	Length of the Agreement as set forth in Article 6, Term of Agreement, including the Initial Term and any extensions executed thereto.
Third-Party Intellectual Property	Any Intellectual Property owned by any person or entity unrelated to Contractor, and which is required by, incorporated in or integrated into the Agreement, Services and/or the Project.

## Exhibit A

Update	Generally, refers to a patch released for existing Software to fix any existing bugs, errors, or security issues; can also provide support for new Hardware, as well as performance tuning. Updates are to be performed as a part of Maintenance at no additional cost to the Commission in accordance with of the Agreement, including Article 22, Warranties.
Upgrade	Generally, refers to transforming existing Software to a new version; provides new features and functionalities rather than fixing existing bugs, errors or security issues. Upgrades are to be performed as a part of Maintenance at no additional cost to the Commission in accordance with the Agreement, including Article 22, Warranties.
Work	Includes, without limitation, all plant, labor, materials, Equipment, Systems, services, Software, licenses, leases, facilities, design, development, installation, testing, data transition and migration, training, Maintenance and other things necessary or proper for or incidental to carrying out and completing the Project in accordance with the terms of the Agreement.
Work Directive	Directive from the Commission to perform or proceed with Work in accordance with Agreement Article 16, Changes.



EXHIBIT B

SCOPE OF WORK AND REQUIREMENTS

[attached behind this page]

DRAFT

**GLOSSARY OF TERMS**

<b>Term</b>	<b>Definition</b>
ADC	Anaheim Data Center
Administrator	A user who has the highest level of access and control over the ATMS system. An administrator user can perform all the functions of a regular user, as well as configure, manage, and monitor the system settings, devices, users, and network connections. An administrator user can also grant or revoke permissions for other users.
AES	Advanced Encryption Standard
AID	Automatic Incident Detection
Agencies	Riverside County Transportation Commission and Orange County Transportation Authority in partnership managing the 91 Express Lanes
Agreement	The Contract in place between Agencies and the Contractor to provide a new ATMS and Video Wall System, including all hardware, software, professional services, initial Maintenance Service period, and optional extended Maintenance Service period.
ATMS	Advanced Traffic Management System
ATMS Production Server	The server, either ADC on-premise or in the Cloud, provided by the Contractor to facilitate ATMS functionality in a production environment.
ATMS Development Server	The server provided by the Contractor for ATMS development and testing purposes, separate from the production environment.
ATMS Server	Servers, either ADC on-premise or in the Cloud, provided by the Contractor provide for ATMS functionality
ATMS Workstations	Standalone workstations provided by the Contractor, for operators to access and utilize the ATMS in the TOC
Burn-in Testing	A type of testing conducted to identify and resolve any potential issues or failures that may occur during extended usage or high-stress conditions
CAT6	Category 6 Ethernet cable, a type of twisted-pair cable used for high-speed network connections
CCTV	Closed-Circuit Television
Cloud	Remote network of servers hosted on the internet that enables storage, processing, and access to data and applications
CMS	Changeable Message Signs or referred to as Dynamic Message Signs, electronic signs used to display real-time information or messages to drivers on roadways.
COTS	Commercial-off-the-shelf
CUSA	Cofiroute USA, Contractor responsible for 91 Express Lanes TOC Operations, also known as ViaPlus
dBA	A-weighted decibels
deg	degree

Implementation	Early phases of the Agreement, during which the Contractor performs requirements discovery, existing conditions survey, design, procurement, installation, integration, and validation of the system.
fps	frames per second
GUI	graphical user interface
Hz	hertz
ID	identification
Implementation Schedule	Schedule indicating the proposed timeline for completion of all phases of the project
ISP	Internet Service Provider
Key Personnel	Contractor or subcontract staff members who are key to the successful Implementation and Maintenance Services of the project
LxH	length x height
LAN	Local Area Network
LC	Lucent Connector, a common small-form factor dual fiber connector
LCD	Liquid-Crystal display
LED	Light emitting diode
Maintenance Services	Later phases of the Agreement, during which the Contractor monitors the operation of the system, aids in configuration management, performs preventative maintenance and corrects any systems deficiencies in a timeline manner
MHz	mega hertz
MS	Microsoft
NEC	National Electric Code
NEMA	National Electrical Manufacturers Association
NTCIP	National Transportation Communications for Intelligent Transportation Systems Protocol
NTP	Notice to Proceed
NVR	Network Video Recorder, a device used for recording and storing video from surveillance cameras
O&M	Operations and Maintenance
OCTA	Orange County Transportation Authority
PDF	portable document format
PE	professional engineer
PMP	Project Management Plan
PTZ	pan/tilt/zoom
RCTC	Riverside County Transportation Commission
Requirements	Set of statements included in the Agreement which mandate the work and responsibilities of the Contractor with respect to the Agreement

Requirements Traceability Matrix	Matrix of Requirements that all bidders must respond to, indicating their compliance, partial compliance, or non-compliance with the Requirements. Ultimately incorporated into the Agreement for the successful proponent, as a binding reference of their responsibility with respect to the Agreement.
RFP	Request for Proposal
RTM	Requirements Traceability Matrix
SFP Port	small form-factor pluggable port
SMA	Service Maintenance Agreement
SMS	Short Message Service
Factory Acceptance Testing (FAT)	This test is conducted at the manufacturing site to verify that the system meets the specified requirements and functions correctly before it is delivered to the Agencies.
System Acceptance Testing (SAT)	SAT is performed after installation to evaluate the system's overall functionality, performance, and compliance with requirements, ensuring it meets the Agencies' acceptance criteria.
Operational Acceptance Testing (OAT)	OAT involves operating the system for 60 days in a real-world environment to assess its stability, reliability, and performance, identifying and resolving any operational issues that may arise during extended usage.
TMC	Transportation Management Center
TOC	Traffic Operations Center
UPS	Uninterruptable Power Supply
Users	Agency contracted TOC Operators who will utilize the new ATMS and Video Wall Systems
VDS	Vehicle Detection Station
Video Wall System	Combination Video Wall Support Structure, Video Wall Display, Video Wall Controller and Video Wall Processor – which together form a functional, large scale audiovisual display system
VPN	virtual private network
VTMS	variable toll message signs
WAN/LAN	Wide Area Network/ Local Area Network
XML	Extensible Markup Language

## INTRODUCTION

The 91 Express Lanes is jointly operated with Orange County Transportation Authority (OCTA). RCTC and OCTA (the Agencies) jointly contract with Cofiroute USA (CUSA) to provide TOC operators to manage traffic conditions impacting the 91 Express Lanes. The 15 Express Lanes has a separate TOC and is not included in this scope of work.

Figure 1 below illustrates the limits of the 91 Express Lanes in both Orange County and Riverside County, shown in blue. Also included in Table 1 below is a list of stakeholders that the Contractor is expected to collaborate with to deliver ATMS and Video Wall System.

**Figure 1 - Project Limits Map**



**Table 1 – Project Stakeholders**

<b><u>Stakeholder</u></b>	<b><u>Role</u></b>
Riverside County Transportation Commission (RCTC)	Joint Operator of the 91 Express Lanes
Orange County Transportation Authority (OCTA)	Joint Operator of the 91 Express Lanes
Cofiroute USA (CUSA)	Contractor Responsible for 91 Express Lanes TOC Operations
Kapsch TrafficCom (Kapsch)	Toll System Provider for the 91 Express Lanes
Caltrans District 8 (Caltrans D8)	Owner of 91 Express Lanes in Riverside County and Caltrans D8 Transportation Management Center (TMC)
Caltrans District 12 (Caltrans D12)	Owner of 91 Express Lanes in Orange County and Caltrans D12 TMC
Parsons Corporation	Provider of the existing iNet® ATMS solution for CCTV and Video Wall management
Daktronics	Provider of the existing Vanguard® CMS Management software
Kraemer Land Company	Building Management company for the Anaheim Data Center/Traffic Operations Center

### Overview of Project Requirements

The Contractor shall provide a new turnkey ATMS that will be utilized by CUSA TOC staff to manage the 91 Express Lanes and Express Lanes Connectors traffic in real-time, review historical event data, manage messaging and pricing displays, and review recorded/historical video data.

The Contractor shall design, furnish, and install all of the equipment and software required to implement the ATMS.

The following is an overview of Project Requirements. For detailed Project Requirements which further expand upon this overview, refer to Section 5.

The intent of the Agencies is to procure a:

- A complete ATMS Commercial-off-the-shelf (COTS) solution to meet all the requirements with little to no development required.
- A Video Wall System which runs in parallel or integrated with ATMS system.

#### **ATMS Field Equipment Modules:**

The Contractor shall design, furnish, and install all equipment and software required to implement the ATMS, including sub-system management and device control of all roadside:

- CCTV cameras; and
- Changeable Message Signs (CMS).

As well as expandability for future ATMS subsystem types as described in the detailed requirements in Section 5 - Requirements.

#### **Event Management Module:**

- The ATMS system shall include a module for creating, modifying, scheduling, and terminating events.

#### **Automatic Incident Detection [Optional]**

- The Agencies do not currently have any automatic incident detection functionality at the 91 Express Lanes TOC, and do not have any Express Lane vehicle detectors or Vehicle Detection Systems (VDS) data sharing that could provide real-time speed or occupancy data. Therefore, if Automatic Incident Detection (AID) were to be performed going forward, this would need to be done via Video Analytics functionality which leverages the existing CCTV inventory.
- The Agencies are interested in exploring AID in the future as part of their new ATMS, but this functionality should be bid/priced as an option for now and will only be executed at the Agencies' discretion.

#### **Video Wall Replacement:**

- The Contractor shall provide a turnkey solution to replace the existing Video Wall System at the Anaheim TOC. Disposal requirements are included in Section 5.33
- The Contractor's Video Wall System scope shall encompass both new Video Wall Display Equipment and the Video Wall Controller and Video Wall Processor, which allows for a versatile display of all required content.
- The Contractor will provide all equipment for the new Video Wall Controller and Video Wall Processor. Rack space (up to a maximum of 1 full rack) in the ADC will be provided as necessary to accommodate this equipment.
- The Contractor shall be responsible for obtaining any permits necessary to reconstruct any part of the Video Wall Display support structure.

### **ATMS Solution Hosting:**

Contractor may propose that the new ATMS solution be (i) hosted on-premise at the Anaheim Data center, and/or (ii) hosted in a Contractor-provided or commercial provider Cloud environment (e.g., Amazon Web Services (AWS), Azure).

Below are the base requirements for the ATMS implementation. Detailed requirements are included in Section 5.

- Under the on-premise hosted alternative, new servers shall be used to host the ATMS at the Anaheim Data Center within the ADC Network. Physical ATMS servers will not be required under the Cloud hosted alternative.
- Whether the on-premise or Cloud hosted alternative is pursued by the Contractor, additional switchgear will be necessary at the Anaheim Data Center to accommodate integration of field networks in support of the new ATMS Network. The requisite requirements are as outlined in Section 5, and rack space in the ADC will be provided to accommodate new ATMS Layer 3 and Firewall.
- Contractor shall provide a new tower personal computer (PC) workstation and monitor for each of the 4 TOC operator positions that will be connected to the ATMS Network. Detailed requirements are provided in Section 5.175.17. These new workstations will be collocated beside the existing CUSA TOC Workstations. However, their networks will remain distinct.
- Contractor shall provide and integrate all upgrades required to link the new ATMS Workstations to the ATMS Network in the ADC.
- Contractor shall be responsible for procuring a new network connection and coordinating with a third-party internet service provider (ISP) for the entire duration of the contract. This includes ensuring the necessary bandwidth and network resources for the successful implementation and operation of the proposed ATMS.



### **Ongoing Maintenance and Support:**

The Contractor shall provide Maintenance Services for all installed components for a period of five years following system acceptance testing. This is a mandatory requirement and Agency has the option to extend the Maintenance Services for up to five additional one-year terms. The Contractor shall also perform specific system maintenance tasks and enhancement efforts as per Agency's needs during the project.

Some examples of potential maintenance tasks but not limited to are:

- Troubleshooting system or network outages or reduced operations functionalities
- Recovering the system from any out of warranty crash
- Improving system reliability
- Reviewing system log files
- Cleaning system cache memory, temporary files, and database systems
- Managing ongoing configuration
- Updating configuration quarterly

The price for the mandatory five-year Maintenance Services and optional five one year extensions shall be provided in the cost proposal. The Maximum Obligation of this contract, including any optional extensions, is ten (10) years.

### **3 EXISTING CONDITIONS**

#### **ATMS Network**

The following are the existing conditions of the ATMS Network.

- a. The ATMS Network refers to the network linking the ATMS Workstations at the TOC to the ATMS Servers/Databases, Video Wall Controller and Video Wall Processor in the ADC and includes secure remote virtual private network (VPN) access by external users for remote Maintenance Services.
- b. The ATMS Network will be linked to the CCTV Network, CMS Network and Caltrans Interface Networks via secured links, but will be distinct from them.
- c. An existing Charter/Spectrum ISP connection is present at the ADC for remote support of the existing ATMS. This connection will not be reused, and the

Contractor will be responsible for providing an additional ISP connection to be used for remote access and support of the new ATMS.

- d. The Contractor will be responsible for providing a new ATMS Network and all required components – including a new Layer 3 Gigabit Switch and a Firewall - as per the detailed requirements in Section 5 and to interface it with external networks.

### Video Wall

The current Video Wall is a 6x3 grid configuration of 18x55 inches ultra-narrow bezel liquid-crystal display (LCD) monitors. TOC operators control and manage video camera feeds from both the OCTA and RCTC roadside camera feeds.

- a. Monitors are mounted to a supported wall and as-builts of the existing video display equipment will be provided as reference.
- b. The Contractor will provide new Video Display equipment, Video Wall Controller and Video Wall Processors and may not reuse the existing Video Wall equipment which is past its useful life.
- c. The Contractor may reuse existing Video Wall System mounting structures, if they are appropriate for the replacement Video Wall Display equipment.

### CCTV Network

The following are the existing conditions of the CCTV Network.

- a. RCTC has 32 cameras along the 91 Express Lanes within Riverside County that are managed and maintained by Kapsch Traffic Com. These cameras are connected to a Kapsch managed Core switch at the ADC, that is nearing its end of life and will be replaced by Others ahead of the present scope of work's timeline.
- b. OCTA has installed 44 cameras along the 91 Express Lanes within Orange County, managed and maintained by Kapsch Traffic Com. These cameras are connected to a switch at the ADC.
- c. OCTA Switch information: 48 small form-factor pluggable (SFP) ports with uplink SFP ports: Cisco C9500-48Y4C-E with the Cisco GLC-LH-SMD transceiver modules.
- d. RCTC video feeds arrive at the TOC as encoded digital streams and OCTA video feeds are transmitted back to the TOC and encoded locally. An initiative being performed by Others seeks to update the OCTA video feeds to be encoded at the source. The existing topology of the network is provided as a reference.
- e. This Contract will be responsible for establishing secured link between the CCTV Network switches described above and the new ATMS Network.
- f. A new switch is being provided by Others at the ADC, as part of the OCTA Internet Protocol (IP) camera conversion initiative, to receive and aggregate incoming streams. The timeline for integration of this new switch may coincide with the new ATMS implementation timeline. The Contractor shall coordinate network interface from the new ATMS Network to the OCTA video network through either the existing video switch or the new switch and shall be responsible for migrating connections to the new switch in the final stage.

- g. RCTC and OCTA are working with Transportation Corridor Agencies (TCA) for a direct connector project which may include up to twelve (12) additional cameras. The project is in its design phase and the TOC anticipates access to these cameras at a later time.

### Roadway Changeable Message Signs Network

The following are the existing conditions of the Roadway CMS Network.

- a. RCTC has 5 Daktronics CMS that are managed by TOC operators. Additional Variable Toll Message Signs managed by Kapsch are used to display toll rates and information.
- b. OCTA has 6 Daktronics CMS that are managed by TOC operators that display toll rates and pre-approved messages.
- c. CMS Simple Network Management Protocol (SNMP) details, including Management Information Bases (MIB), and addressable protocols, etc. will be provided for all signs in order to confirm protocol compatibility with the new ATMS.
- d. RCTC and OCTA are working with TCA for a direct connector project which may include up to 4 additional sign connections. The project is in its design phase and the TOC anticipates access to these CMS at a later time.

### Caltrans C2C Interfaces

The following are the existing conditions of the Caltrans C2C Interfaces.

- a. Caltrans D8 ATMS Servers (Inland Empire District): Hosts its own distinct ATMS functions on existing Caltrans ATMS servers at their D8 TMC. These servers need to be configured by Caltrans to allow viewing of the 91 Express Lanes digital video feeds. Caltrans District 8 is providing physical connections and IP addresses of the cameras in order to receive read-only access (i.e., no control access) of a selectable number of RCTC CCTV video streams, at RCTC discretion.
- b. Caltrans D12 ATMS Servers (Orange County District): Hosts its own distinct ATMS functions on existing Caltrans ATMS servers at their D12 TMC. These servers need to be configured by Caltrans to allow viewing of the 91 Express Lanes digital video feeds. Caltrans District 12 is providing physical connections and IP addresses of the cameras in order to receive control and view access of a selectable number of OCTA CCTV video streams, at OCTA discretion.

## **4 PROJECT DELIVERY**

### Project Management

The Contractor shall hold regular and as-needed project meetings throughout the duration of the

Project. Meetings may be held at 91 Express Lanes offices, elsewhere in the region, or via teleconference. The Contractor shall prepare a Project Management Plan and maintain a detailed Implementation Schedule for the duration of the project's life cycle using the latest version of Microsoft Project.

### Evaluation and Discovery of Existing Systems and Requirements

Prior to commencing the system design, the Contractor shall review all system requirements and all available documentation on the Agencies existing systems, each of which will be provided upon award. These documents include:

- This Scope of Work and Requirements
- 91 Express Lanes ATMS and Video Wall System Upgrade – High Level Network Diagram
- 91 Express Lanes Anaheim TOC As-Built Design Drawings
- 91 Express Lanes CCTV Wiring Diagram As-Built Drawings
- 91 Express Lanes CCTV System Migration Plan
- 91 Express Lanes State Infrastructure Investment Committee Caltrans D8 Network Interface Document

The aforementioned documents will be provided as reference only and the Contractor shall be responsible for verifying all applicable existing conditions during the discovery phase, prior to initiating their design.

Figure 2 below illustrates the existing 91 Express Lanes system topology with the Contractor's scope of work highlighted in blue, including removals and addition/integration of new equipment. Equipment removals that the Contractor is responsible for are shown in red, and equipment which will be added/adjusted in the ADC by Others within a similar timeline to the Contractor's scope are shown in green. Contractor shall ensure data from devices are cleansed of any legacy data prior to disposal.

While effort has been taken to accurately illustrate the existing equipment and setup (as shown in black within Figure 2), details shown are for reference only and shall be reconfirmed by the Contractor during the design phase.

The diagram illustrates the network architecture for the 91 Express Lanes TMC, showing the integration of existing and new systems. The main components and connections are as follows:

- Caltrans D12 TMC:** Includes a Video Wall (Existing), Video DeMux, Media Converter, and Caltrans D8 TOSNET (ATMS Workstations / Servers).
- ADC:** Includes a Video Mux, Media Converter, LAN Switch & Serial Hub, and Cyberman.
- 91 Express Lanes TMC:**
  - Video Wall:** A 24' x 6.75' Direct View LED Module.
  - Video Wall Controller:** NewVideo Wall Processor and NewLayer 3 ATMS Switch.
  - Video Wall Extenders:** NewSignal Extenders or Shielded Twisted Pair.
  - Video Wall Receivers:** NewVideo Wall Receivers.
  - Video Wall Switches:** NewVideo Wall Switches.
  - Video Wall Routers:** NewVideo Wall Routers.
  - Video Wall Servers:** NewVideo Wall Servers.
  - Video Wall Storage:** NewVideo Wall Storage.
  - Video Wall Network:** NewVideo Wall Network.
  - Video Wall Security:** NewVideo Wall Security.
  - Video Wall Backup:** NewVideo Wall Backup.
  - Video Wall Monitoring:** NewVideo Wall Monitoring.
  - Video Wall Maintenance:** NewVideo Wall Maintenance.
  - Video Wall Support:** NewVideo Wall Support.
  - Video Wall Training:** NewVideo Wall Training.
  - Video Wall Documentation:** NewVideo Wall Documentation.
  - Video Wall Compliance:** NewVideo Wall Compliance.
  - Video Wall Accessibility:** NewVideo Wall Accessibility.
  - Video Wall Interoperability:** NewVideo Wall Interoperability.
  - Video Wall Portability:** NewVideo Wall Portability.
  - Video Wall Scalability:** NewVideo Wall Scalability.
  - Video Wall Reliability:** NewVideo Wall Reliability.
  - Video Wall Security:** NewVideo Wall Security.
  - Video Wall Backup:** NewVideo Wall Backup.
  - Video Wall Monitoring:** NewVideo Wall Monitoring.
  - Video Wall Maintenance:** NewVideo Wall Maintenance.
  - Video Wall Support:** NewVideo Wall Support.
  - Video Wall Training:** NewVideo Wall Training.
  - Video Wall Documentation:** NewVideo Wall Documentation.
  - Video Wall Compliance:** NewVideo Wall Compliance.
  - Video Wall Accessibility:** NewVideo Wall Accessibility.
  - Video Wall Interoperability:** NewVideo Wall Interoperability.
  - Video Wall Portability:** NewVideo Wall Portability.
  - Video Wall Scalability:** NewVideo Wall Scalability.
  - Video Wall Reliability:** NewVideo Wall Reliability.
- Caltrans D8 TMC:** Includes a Video Wall (Existing), Video DeMux, Media Converter, and Caltrans D8 TOSNET (ATMS Workstations / Servers).
- Remote Support:** Remote Support GUI Access via new ISP Account and Remote Support Via VPN Access.
- RCTC Field Network:** Includes a Layer 3 Switches in Ring Topology and a Layer 2 Switches.
- OCTA Field Network:** Includes a Layer 3 Switches in Ring Topology and a Layer 2 Switches.

The diagram also includes a legend for the components:

- Existing (Grey box)
- New ATMS & Video Wall System Upgrade by Contractor (Blue box)
- Removals by Contractor (Red box)
- By Others (Green box)

## Design

Upon completion of the documentation review, the Contractor shall develop a Requirements Traceability Matrix (RTM) and conduct Design Workshops and Software Demonstrations to support the development of Draft and Final Design Documentation for the Project. The Contractor shall also prepare a Deployment Plan that presents an overview of the deployment strategy for Project, as well as a transition plan that outlines key strategies and actions to minimize system downtime and ensure a smooth transition between systems.

## System Deployment

The Contractor will integrate, install, configure and system test onsite the ATMS software and Video Wall System in accordance with the Design Documentation, Test Plan, and Deployment Plan. This effort includes the procurement of any third-party software applications, such as database software needed to fully implement the system.

## Testing and Training

The Contractor shall develop and submit a Test Plan that contains the necessary steps to verify that the ATMS and Video Wall System meet each of the requirements specified in the Requirements Traceability Matrix. The Test Plan shall be developed in accordance with the relevant requirements, including the various test phases, as outlined in Section 5.

The Contractor shall also develop and submit a Training Plan and User Manual that contains the necessary elements to train operators on the operations and maintenance of the ATMS and Video Wall systems. The Training Plan and User Manual shall be developed in accordance with the relevant requirements outlined in Section 5

### Maintenance Services

Maintenance services will begin after the successful completion of Operational Acceptance Testing. The Contractor shall provide round-the-clock support for the ATMS, which includes assistance to users, administrators, and Agency staff. This includes support for major system failures, bug fixes, data fixes, system security updates, and maintaining performance requirements. Configuration management support shall also be provided at a regular cadence (minimum quarterly) during the entire duration of the support period. This will include support for adding in new field devices, response plans (as applicable), configuration new report types, etc.

### License and Warranty

The Contractor shall provide a non-exclusive perpetual license to the Agencies for all involved software not already suitably licensed to the Agencies. All third-party hardware and software shall be purchased in such a way that the Agencies is the original registered owner and licensee for the term of the contract.

During the warranty period, the Contractor will correct any malfunctions resulting from its software, hardware, or systems integration work. See Section 5.52 for license and warranty and requirements.

### Project Milestones and Deliverables

In accordance with the project plan, the Agencies have set forth the following provisional project milestones that are subject to change depending on procurement and other potential delays:

**Table 2 – Project Milestones**

<b>Tasks</b>	<b>Estimated Duration</b>	<b>Estimated Due Date</b>
Notice to Proceed (NTP) and Kick off meeting	30 days	November-2023
Evaluation of Existing System and Requirements	2 months	January-2024
Design	3 months	April-2024
Factory Acceptance Testing (FAT)	2 weeks	May-2024
System Deployment	1 month	June-2024
System Acceptance Testing (SAT) and Training	1 month	July-2024
Operational Acceptance Testing (OAT)	2 months	September 2024
Maintenance Services (Mandatory)	5 years	September-2029
Maintenance Services (Optional)	Up to 5 years	September-2034



Below in Table 3 is the list of deliverables associated with above milestones. Contractor to provide detailed schedule in the Project Management (PMP) Plan.

**Table 3 – Project Deliverables**

<b>Deliverable Number</b>	<b>Deliverable</b>	<b>Method of Delivery</b>	<b>Estimated Due Date</b>
1	Draft & Final Project Management Plan	Microsoft (MS) Word for Drafts; portable document format (PDF) for Accepted Final Versions	NTP+30 days (Draft)
2	Draft & Final RTM	MS Excel for Drafts; PDF for Accepted Final Versions	Contractor to Provide in the schedule
3	Draft & Final Design Documentation	Various	Contractor to Provide in the schedule
4	Draft & Final Deployment Plan	MS Word for Drafts; PDF for Accepted Final Versions	Contractor to Provide in the schedule
5	Draft & Final Test Plan	MS Word for Drafts; PDF for Accepted Final Versions	Contractor to Provide in the schedule
6	System Deployment	ATMS and Video Wall System	Contractor to Provide in the schedule
7	Draft & Final Training Plan	Various	Contractor to Provide in the schedule
8	Draft & Final User Manual	Various	Contractor to Provide in the schedule
9	Training Sessions	Various	Contractor to Provide in the

			schedule
10	Third-Party Software Applications (If Applicable)	Various	Contractor to Provide in the schedule
11	As-Built Documentation	Various	Contractor to Provide in the schedule
12	Software Licenses	Hardcopy & PDF for Accepted Final Versions	Contractor to Provide in the schedule
13	Third-Party Hardware and Software Ownership and/or License Papers	Hardcopy & PDF for Accepted Final Versions	Contractor to Provide in the schedule
14	Warranty	PDF version	Contractor to Provide in the schedule

## **5 REQUIREMENTS**

### **General Requirements**

#### **5.1 Scope of Contractor Work**

1	Contractor shall provide all resources, personnel, equipment, hardware, software and supplies necessary to perform the services.
2	Contractor shall provide the services described herein in a competent and professional manner, in conformance with the highest industry standards, to the satisfaction of the Agencies.

3	Agencies shall be entitled to full and prompt cooperation by Contractor in all aspects of the services. Agencies shall have the right to inspect the performance of such services at any time, and Contractor shall fully and promptly cooperate with the Agencies in the execution of such inspections.
4	Contractor recognizes the paramount importance of the successful operation of the System for which the services are sought. In as much as the services are provided for the convenience and benefit of the public, Contractor acknowledges that the quality and timeliness of Contractor's services are the essence of this Agreement.

## **5.2 Staffing and Key Team Personnel**

5	Contractor shall maintain and assign a sufficient number of competent and qualified professionals with strong verbal and written communications skills to meet the terms and conditions of the Agreement. Resumes for key Contractor personnel shall be provided to the Agencies for approval in the Contractor's response and for any personnel changes throughout the course of the Contract.
6	<p>Key Team Personnel shall include:</p> <ul style="list-style-type: none"> <li>i. <b>Project Manager</b> - Experience: 7+ years in project management, with at least 5 years specifically in ATMS projects. Certification (in PMP or equivalent) is preferred.</li> <li>ii. <b>ATMS Project Engineer</b> - Experience: Minimum of 7 years' experience in Intelligent Transportation System (ITS), with expertise in network communication technologies, software deployment for traffic devices.</li> <li>iii. <b>Maintenance Services Engineer</b> - Experience: 7+ years in operations and maintenance, specifically in ATMS or similar systems. Expertise in the maintenance of hardware, software, network systems, troubleshooting, and preventive maintenance is a required.</li> <li>iv. <b>Video Wall Specialist</b> - Experience: Minimum of 5 years' experience in constructing and managing Video Wall Systems, particularly in traffic agencies. Proficiency in installing, calibrating, and maintaining large-scale video display systems is preferred.</li> </ul>

7	Contractor shall ensure Key Team Personnel shall be approved by the Agencies and shall be readily accessible to the Agencies during Contractor's performance of this Agreement. Replacement or removal of any Key Team Personnel for this project is subject to approval by the Agencies.
8	Contractor shall identify Key Team Personnel responsible for both the Implementation phase and the Maintenance Services phase of the project, for Agencies approval.

## Project Management Requirements

### **5.3 Project Meetings**

9	Contractor shall host bi-weekly project status meetings during the Implementation phase, as well as other ad-hoc project meetings required during the project to address specific deliverables, work items, maintenance procedures and issues as they arise.
10	Contractor shall perform the following tasks related to all meetings, including but not limited to: <ul style="list-style-type: none"> <li>i. Develop and coordinate the project schedule;</li> <li>ii. Manage, facilitate and conduct the meetings;</li> <li>iii. Prepare the agenda in coordination with the Agencies and distribute at least 2 days prior to the meeting;</li> <li>iv. Attend the meeting with all required staff in attendance;</li> <li>v. Prepare minutes of the meeting and forward them to the Agencies within 7 days after the day of the meeting; and</li> <li>vi. Maintain an action item list for each type of meeting, identifying issues that need to be resolved at the project level.</li> </ul>

### **5.4 Design Workshop and Requirements Traceability Matrix**

11	Contractor shall manage, facilitate, and conduct a series of system Requirements review meetings with the Agencies to outline how this scope of work and Requirements shall be met. The outcome of these meetings shall be a RTM that shall be used to validate each
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	Requirement against design items, design documentation, and test procedures.
12	Contractor shall manage, facilitate, and conduct a series design documentation review meetings with the Agencies to review and fully understand the system design. During these meetings, the Contractor shall explain how the system design meets the RTM and this Scope of Work and Requirements.
13	Contractor shall develop and submit an RTM that identifies each Requirement and where it is addressed in the design and testing, including but not limited to: <ul style="list-style-type: none"> <li>i. Listing and multiple levels of categorization (e.g., functional, interfaces, Modules, etc.) of all Requirements;</li> <li>ii. Identification of the source of all Requirements;</li> <li>iii. Identification of the design that addresses the Requirements;</li> <li>iv. Identification of the test procedures that address the Requirement; and</li> </ul> Identification of the test method to validate the Requirement (e.g., via inspection, demonstration, analysis, test).
14	Upon Approval of the RTM, this document shall be the basis for functional verification of Design, development, and testing. During Design and testing, the RTM shall be used to verify the System compliance to this Scope of Work and Requirements.

### **5.5 Software Demonstrations**

15	Contractor shall provide a minimum of two demonstrations for all equipment and ATMS software included in the deployment to solicit input from the Agencies or Agency representatives during the development of the system. Each demonstration shall cover a specific functional area and shall be scheduled to include relevant Agency or Agency representatives. The product shall be demonstrated in a test environment that allows data to flow as it will in the production environment.
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## **5.6 Monthly Report**

16	Contractor shall submit a monthly progress report to the Agencies for the period covering the previous month. the Agencies shall review and comment on the report prior to its finalization.
17	<p>The monthly report includes but is not limited to:</p> <ul style="list-style-type: none"><li>v. A summary outlining progress and status;</li><li>vi. An analysis of all critical path tasks, potential risks associated with tasks;</li><li>vii. Identification of any approved changes to the implementation schedule;</li><li>viii. An updated action items list that tracks the status of all outstanding items;</li><li>ix. A list of approved and pending change requests;</li><li>x. The previous monthly final meeting minutes; and</li><li>xi. A six (6) week look-ahead schedule.</li></ul>

### **Documentation Requirements**

## **5.7 Document Submittal and Review**

18	The Contractor shall ensure that all submittals are <b>concise</b> and not unnecessarily verbose, for ease of review by the Agencies.
19	The Contractor shall provide deliverables in electronic format (either Microsoft Word, PowerPoint, Project, Excel, or PDF format) with hyperlinks, searchable, and formatted for 8.5"x11" printing.
20	The Contractor shall submit deliverables to the Agencies in accordance with the approved Implementation Schedule. If a deliverable is submitted on a date other than that shown on the approved Implementation Schedule (either prior to or after submittal date shown in approved Implementation Schedule), the Contractor shall notify the Agencies of the updated submittal date at least 15 days prior to submitting the deliverable.
21	For documents containing less than 100 pages, the Agencies shall have 15 calendar days after receipt of the submittal, to approve, comment or reject the submittal. For documents

	containing 100 or more pages, the Agencies shall have 30 days after receipt of the submittal, to approve, comment or reject the submittal. The process shall continue until the submittal is approved by the Agencies.
22	Each document shall be properly titled, date updated, numbered by revision, revision history, and shall incorporate signature blocks for authorship and approvals. A table of contents, for all documentation that includes multiple pages and/or multiple sections, shall be submitted by the Contractor.
23	All documents submitted by the Contractor, either draft or final, shall be reviewed for quality control and quality assurance by the Contractor prior to submitting the document to the Agencies.

### **5.8 Project Management Plan**

24	Contractor shall submit a complete PMP in a format acceptable to the Agencies for Approval 30 calendar days after NTP as required in this Scope of Work and Requirements.
25	<p>The PMP shall include, but is not limited to:</p> <ul style="list-style-type: none"> <li>i. A description of the staff management and organization of the project throughout its complete lifecycle – including both Implementation and Maintenance Services phases;</li> <li>ii. An organization chart, identification of Key Team Personnel both for the Implementation phase and the Maintenance Services phase and their associated responsibilities;</li> <li>iii. Approach to issue and communication management with the Agencies during each project phase;</li> <li>iv. Approach to change control management, document control, risk management, quality management for system design, and software development;</li> <li>v. Approach to Subcontractor management, including how issues with Subcontractors will be resolved in a timely manner. Contractor shall be fully responsible for all aspects of Subcontractor work and for successful fulfilment of all requirements;</li> <li>vi. Approach to documenting the invoice submission; invoice backup information; verification, and Approval process; and</li> <li>vii. Approach to Contract closeout.</li> </ul>
26	As part of the PMP, the Contractor shall provide and maintain a detailed Implementation

	<p>Schedule in Microsoft Project format that lists all Project activities and tasks for all Phases of the Project, including but not limited to:</p> <ul style="list-style-type: none"> <li>i. Planning;</li> <li>ii. Design;</li> <li>iii. Development;</li> <li>iv. Hardware and software acquisition;</li> <li>v. Documentation;</li> <li>vi. Testing;</li> <li>vii. Installation;</li> <li>viii. Transition; and</li> <li>ix. Deployment and acceptance of the System.</li> </ul>
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## **5.9 Design Documentation**

27	<p>Contractor shall develop and submit design documentation to the Agencies for approval that describes the design specifications of all hardware and software provided as part of the System to meet this scope of work and Requirements. The design documentation shall demonstrate the Contractor understands the Requirements of the system and has the processes, hardware, and software design in place to provide a high-quality and reliable product that meets this scope of work and Requirements.</p>
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28	<p>The Design Documentation shall include but not be limited to:</p> <ul style="list-style-type: none"> <li>i. System architecture, including equipment layout diagrams;</li> <li>ii. Physical connections and interfaces to system infrastructure;</li> <li>iii. Clearly defined methods of communications between internal system processes, modules, or subsystems, and external applications to the system;</li> <li>iv. Listing of configurations necessary for system software to communicate to other software processes residing on different network segments separated by a firewall or router;</li> <li>v. Other network configuration information necessary to pass data efficiently and securely between software processes, and between software processes and field devices;</li> <li>vi. Dashboard layouts and design;</li> <li>vii. Storage system design, including sizing and processing calculations;</li> <li>viii. Network sizing and design details including IP scheme;</li> <li>ix. Hub/Equipment rack layout, interconnections and space requirements;</li> <li>x. Hardware dependencies and inter-dependencies;</li> <li>xi. All custom developed software;</li> <li>xii. All Software provided by Contractor or a third party;</li> <li>xiii. A data dictionary, including a listing of databases, database tables, data element names with data type and size, as well as database entity relationship diagrams;</li> <li>xiv. A listing of all security protocols used within the system;</li> <li>xv. Access/identity security methodology;</li> <li>xvi. Specification sheets for all equipment;</li> <li>xvii. Complete bill of materials, including hardware, software, and support/maintenance agreements; and</li> <li>xviii. A logical division and an index of all contents within the design documentation.</li> </ul>
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## **5.10 Implementation Plan**

29	<p>The Contractor shall prepare an implementation plan that presents a high-level overview of the deployment strategy and describes each deployment phase (if applicable). The number and timing of each phase shall be proposed by the Contractor for approval by the project manager, with the requirement that each phase and release must maintain existing capabilities.</p>
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30	<p>The implementation is expected to be accomplished in:</p> <ul style="list-style-type: none"> <li>i. An initial phase that is based on the default configuration of the solution; and</li> <li>ii. A customization phase that integrates all of the Agencies' devices and interface which are unique to this deployment's context.</li> </ul> <p>Any new releases or patches applied during the term of the Agreement shall incorporate the ability to fall back to the previously accepted release if the current release (software or hardware) does not operate satisfactorily.</p>
31	<p>Each phase or release description shall identify the location of the implementation activities, the project-developed equipment and software products to be deployed, all site work that is needed before installation can begin, if applicable, all integration activities that need to be performed after installation, including integration with on-site and external systems at other sites, and all supporting activities that must be completed before acceptance, such as training and manuals.</p>
32	<p>As part of the implementation plan, the Contractor shall submit a comprehensive transition plan for the new ATMS and Video Wall System implementation. The transition plan shall outline strategies to minimize system downtime and ensure a smooth transition. It shall include a detailed schedule, risk mitigation strategies, clearly defined roles and responsibilities, and a contingency plan for any unforeseen issues. The transition plan must ensure that all tasks are completed within the agreed timeframe while adhering to the specified operational constraints.</p>

33	<p>The transition plan shall meet the following operational constraints:</p> <ul style="list-style-type: none"> <li>i. Implementation shall begin on a Friday or Saturday night only;</li> <li>ii. Implementation shall not take place on a Friday or Saturday leading into a Caltrans Maintenance Closure;</li> <li>iii. No effective downtime is allowable for ATMS. The existing ATMS must be maintained concurrently with new ATMS and the new ATMS shall be accepted prior to decommissioning of the existing ATMS, in a make-before-break manner; and</li> <li>iv. Permissible downtime for the new Video Wall System Replacement shall be limited to 12 continuous hours for the entire wall or half the wall must always remain available.</li> </ul>
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## 5.11 Test Plan

34	<p>The Contractor shall be responsible for all aspects of testing performed as part of the Agreement and to provide all necessary resources and facilities to conduct all tests, including but not limited to:</p> <ul style="list-style-type: none"> <li>i. Test support personnel;</li> <li>ii. Test facilities;</li> <li>iii. Test equipment, tools and safety devices;</li> <li>iv. Test schedule and test sequence;</li> <li>v. Coordination with the Agencies; and</li> <li>vi. Conducting the test.</li> </ul>
35	<p>Contractor shall develop and submit a comprehensive test plan to the Agencies for Approval that details the testing methodology utilized by Contractor to demonstrate that the system satisfies the requirements of this scope of work. Each stage of testing shall have its own section within the test plan deliverable and shall be described fully within.</p>

36	<p>Testing shall occur subject to the Agencies' approval of the final test plan and shall include the following tests at a minimum:</p> <ul style="list-style-type: none"> <li>i. Factory Acceptance Testing (FAT)</li> <li>ii. System Acceptance Testing (SAT)</li> <li>iii. 60 day Operational Acceptance Testing (OAT)</li> </ul> <p>During the Operational Acceptance Test (OAT), the Contractor is required to maintain a log of all hardware and software failures. If hardware malfunctions lead to system unavailability for Agencies' usage twice or more during OAT, the Contractor is responsible for replacing the responsible equipment and restarting the 60-day period. In case of software failure, if a module is unavailable for more than an hour, the Contractor shall fix the issue and restart the OAT.</p>
37	<p>The test plan shall cover testing of all aspects of the system and shall describe all test phases, scope, and procedures to validate the system compliance to the Requirements, including but not limited to:</p> <ul style="list-style-type: none"> <li>i. Approach for each test;</li> <li>ii. Detailed schedule for each test, identifying each test activity and resource;</li> <li>iii. Purpose, scope, location, system environment, and duration of each test;</li> <li>iv. Approach to validating all system Requirements through the testing methodology;</li> <li>v. Describe the entry and exit criteria for each test;</li> <li>vi. Redundancy/failover aspects;</li> <li>vii. Document the severity and priority descriptions and levels for each test;</li> <li>viii. Document how defects shall be triaged; tracked; reported; resolved, and retested, including tools used to document defects; and</li> <li>ix. Updated RTM linking every Requirement to a set of test cases to demonstrate the Requirement has been satisfied and which test satisfied the Requirement.</li> </ul>
38	<p>The Agencies may participate in the testing and witness of each test. The Agencies shall have full access to the test data and results of the test.</p>

## 5.12 Training Plan

39	<p>The Contractor shall conduct a recorded training program that contains the necessary elements to train system administrators, system operators, and agency staff who interface with the system on the operations and maintenance of the ATMS and Video Wall systems. Where practical and useful, the Contractor's training shall be hands on and use actual hardware and software in the training environment. Recording to be provided to the Agencies prior to System Acceptance.</p>
40	<p>The Contractor shall develop and submit a training plan to the Agencies for approval. The Training Plan shall include a minimum of three face-to-face training sessions (e.g., operators, administrators, agencies) and one virtual recorded session. The Training Plan shall address the following areas including but not limited to:</p> <ul style="list-style-type: none"><li>i. Training schedule;</li><li>ii. Names, descriptions and purpose of each training class;</li><li>iii. Duration of the class;</li><li>iv. Training materials, including schedule, training goals, manuals, guides, other support materials and techniques to be used;</li><li>v. Levels of training needed to train all classes of users, including system administrators, system operators, and agency staff who interface with the system;</li><li>vi. Required equipment and software; and</li><li>vii. Facility requirements.</li></ul>
41	<p>The training plan shall consider the need for the Agencies to maintain existing operations on existing systems while training existing operations staff on Contractor's system; Contractor shall hold multiple sessions of each training module such that some the Agencies staff can attend training while others are handling existing operations.</p>

42	The Contractor shall provide training materials in the form of PowerPoint presentations and training handouts. The Agencies shall have the right to require additional interim drafts at no additional cost should the training materials submitted not be of adequate quality or have missing or incorrect information. Virtual recorded training session shall be provided to the Agencies.
43	The training plan and training materials shall be updated if the system is modified after installation.

### **5.13 User Manual or Online Help**

44	<p>Contractor shall develop and submit a user manual or online help tool to be used by the Agencies staff to operate the system and for training purposes. The user manual or online help tool shall include:</p> <ul style="list-style-type: none"> <li>i. Step-by-step actions to take to complete an operation;</li> <li>ii. Screen images detailing the step-by-step activities needed to fulfill a specific functionality;</li> <li>iii. Flowcharts to provide the Agencies staff a clear understanding of the workflow;</li> <li>iv. Procedures to add, name, modify and delete devices within the ATMS;</li> <li>v. Procedures to add, modify and delete users and user permissions within the ATMS;</li> <li>vi. All screens, reports, and data fields, clearly explained using sample formats applicable to the system; and</li> <li>vii. Samples of all reports, included in the manual or as an attachment to the manual, with any specific instructions that may apply to a given report.</li> </ul>
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### **5.14 As-Built and Close Out Documentation**

45	The Contractor shall submit as-built documentation that includes all software and hardware changes made during the system development, implementation, and testing phases.
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46	<p>The as-built documentation shall provide a complete record of the as-built status of the Equipment and include:</p> <ul style="list-style-type: none"> <li>i. All schematics;</li> <li>ii. Logic diagrams;</li> <li>iii. Layouts;</li> <li>iv. Wiring diagrams;</li> <li>v. Rack diagrams;</li> <li>vi. Interconnection diagrams;</li> <li>vii. All attachment hardware details;</li> <li>viii. Installation diagrams;</li> <li>ix. Cable schedule;</li> <li>x. Interface details;</li> <li>xi. Facility installation details; and</li> <li>xii. Network diagrams.</li> </ul>
47	The Contractor shall also provide a contract close out plan through which the Contractor shall provide updated as-builts at the end of the term, supply all system logs, administrative access, all service agreements, vendor contract information, and transfer to the Agencies all existing or on-going software licenses.
48	<p>All red line drawings shall be verified and incorporated into a final as-built drawing package.</p> <p>This final as-built drawing package shall include all updated installation drawings, shop drawings and sketches, plans and other drawing types that were used to install the system.</p>
49	All other documentation used regarding the installation shall also be finalized and submitted as part of the as-built drawing submittal 90 days after the system has been commissioned.

## ATMS Requirements

### **5.15      System Software**

50	The ATMS shall be modular software that shall be configured based on the Agencies' desired system modules.
51	The ATMS shall utilize an open architecture such that third-party software can extract and

	exchange data using industry standard methods.
52	The ATMS shall utilize a fault tolerant architecture which minimizes the impact of a single point of failure and provides for central system expansion and upgrades.
53	The ATMS shall provide for seamless integration between all subsystems, applications, and programs.
54	The ATMS shall provide multi-user and multi-workstation capability without user restrictions other than password and access rights, managed through the new Directory Server.
55	The ATMS shall be supported by the Contractor during the full duration of the Agreement term, including any exercised additional Maintenance Service years, with all software patches and upgrades included.

#### **5.16 ATMS Server**

56	The Contractor shall provide, install, and configure an ATMS Production Server and an ATMS Development Server. The Contractor may propose Agency on-premise servers or Contractor arranged and provided Cloud hosted servers. Under the latter alternative, all hosting fees for the complete duration of the Agreement, including the initial 5 years of Maintenance Services and optional extended Maintenance Service years, shall be specified in the bid price.
57	Under the on-premise server alternative, the Contractor shall provide, install, and configure ATMS Server hardware in the ADC rack specified by the Agencies.
58	If the on-premise ATMS Servers are implemented as a virtual machine (VM) on Contractor provided hardware, the Contractor shall provide all necessary virtualization software licenses.
59	The ATMS Servers shall include a database to store both archive and operational ATMS



	data, fulfilling the specified requirements for a minimum duration of five years. Contractor shall provide all necessary licenses for the database server, regardless of it being on-site or hosted in the Cloud.
60	The ATMS Production Server shall be resourced upon initiation of the Contract with 150% of the central processing unit (CPU), memory and storage required to effectively operate the number of field devices and functions outlined in Section 3 (Existing Conditions), while providing headroom for growth. The ATMS Development Server shall be sized and resourced sufficiently to perform all test functions and to serve as a platform to validate patches or updates prior to their application to the ATMS Production Server.
61	The ATMS Server shall allow for the addition of resources (CPU, memory, and storage) in the future, should expansion needs arise. Expansion resources would be provided under a change order or separate contract scope.
62	The ATMS Server shall utilize the latest version of the Microsoft Windows Server operating system and Microsoft Structured Query Language (SQL) Server and shall be updated periodically to the latest versions at a minimum every five (5) years during the term of the Agreement.
63	The Contractor shall connect the ATMS Server to the ATMS LAN via a network connection of sufficient bandwidth to service the full duplex ATMS network throughput to all users and system interfaces.

### **5.17 ATMS Workstations and Media Converters**

64	The Contractor shall provide, install, and configure four (4) ATMS Workstations for use in the TOC. The ATMS Workstations shall be installed side by side with the existing Lane Management Workstations but be fully independent and decoupled from them.
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65	The ATMS Workstations shall be tower form factor PCs.
66	<p>For the initial installation, each ATMS Workstation shall support all ATMS software minimum requirements and shall have the following minimum specifications:</p> <ul style="list-style-type: none"> <li>i. 12th Gen Intel Core i7 Processor;</li> <li>ii. 32GB, DDR5 Random Access Memory (RAM), 4400 megahertz (MHz);</li> <li>iii. Windows 11 Pro Operating System;</li> <li>iv. 512GB SSD (solid-state drive);</li> <li>v. Keyboard and optical mouse; and</li> <li>vi. 16:9 Aspect Ratio 24" Ultrathin, light emitting diode (LED) Backlit LCD Monitor with thin-film-transistor(TFT).</li> <li>vii. 1000BASE-T Network Interface Card</li> </ul>
67	<p>At initiation of the Agreement, the Contractor shall provide ATMS Workstation replacement pricing valid for: (i) the mandatory five-year Maintenance Services period; and (ii) each year of additional optional Maintenance. The minimal hardware requirements for each ATMS Workstation replacement shall be that which supports all ATMS software minimum requirements at the time of replacement.</p> <p>Agencies, at their sole discretion, may choose to have the Contractor replace existing ATMS Workstations at the pre-agreed replacement price for the period during which the replacement is ordered. Whenever Agencies order a replacement, the Contractor shall remove the existing ATMS Workstation, replace it with a new unit and migrate all ATMS Workstation software, settings and configuration from the old ATMS Workstation to the replacement ATMS Workstation.</p>
68	The Contractor shall install and configure all necessary ATMS software on the ATMS Workstations.
69	Each ATMS Workstation shall be provided with one (1) media converter, which converts a 1000BASE-T Ethernet over unshielded twisted pair port to a 1000BASE-SX Ethernet over multimode fiber port. Each media converter shall be provided with all required multimode

	fiber transceivers required for operation and shall utilize a dual LC female connector for its fiber port. The Contractor shall provide a 3ft CAT6 straight-through network patch cable terminated in RJ45 connectors and a 3ft OM3 dual multimode fiber patch cable terminated in dual LC male connectors, with each media converter.
70	The Contractor shall connect all ATMS Workstations to the ATMS LAN via the existing F1 through F4 LC connector fiber jacks located at each TOC Operator position using the supplied media converter for each.
71	From the ADC side, the Contractor shall supply an OM3 dual multimode fiber patch cable for each of the four (4) workstation connections - of sufficient length - and connect each to the ATMS Layer 3 Switch via 1000BASE-SX connections.

## **5.18      Directory Server and Account Management**

72	User access security permission control and access privileges for different levels shall be provided for the files, directories, and software application modules. These permissions shall be managed by a Contractor provided and configured Directory Server (Microsoft Active Directory or approved equivalent).
73	The Directory Server shall be used to manage accounts for the ATMS Server, remote access to ATMS Server from external network via VPN for the purposes of remote operations or maintenance, Video Wall Processor, and Network Video Recorder, at a minimum.
74	The Directory Server shall ensure that all rules for password security (for example, required characters or rotations) are enforced.
75	Contractor shall develop the access levels, User roles, default preferences and privileges matrix for the ATMS with the Agencies' input and approval obtained during a User roles

	workshop. The ATMS shall allow for additional changes to the access levels, User roles and the addition of personnel in a secure manner. The Agencies' corporate domain shall not be used in establishing User access roles and this must be a standalone function performed by the Contractor provided Directory Server.
76	At minimum, there shall be a role which allows read only access to the ATMS with access to a limited number of cameras, and permissions for camera control withheld.
77	Remote access to the ATMS shall be performed via secured VPN access using AES-256 encryption with common Directory Server managed credentials. A minimum of 5 simultaneous remote access connections shall be supported.
78	User sign-on, access and access failures, both local and remote, to any element of the ATMS shall be recorded and tracked for security audit proposes.
79	A system level account shall be provided for the Agencies or designated third-party personnel to perform manual auditing and maintenance tasks.
80	Authorized Users shall have the capability to view ATMS System modules and to receive alerts and notifications of operational conditions that require immediate attention.
81	Authorized Users shall have the ability to maintain and manage their User view preferences, allowing them to configure the display templates including but not limited to presentation of the windows, dashboards, alert conditions, and alert management.
82	The ATMS shall provide the capability to standardize access rights through the assignment of User roles.
83	The ATMS shall allow Users to be assigned to multiple User roles. The combined permissions from the multiple roles shall be applied to the User.
84	The ATMS shall allow Users or workstations to be re-assigned to different roles. The role change shall take effect after the User logs out and logs back in again.
85	The ATMS shall prevent a role from being deleted if there currently are Users assigned to

	that User role.
86	Based on the access levels/role a User is assigned to the appropriate menus, screens, tabs, reports, and all other required User information shall be displayed.
87	On given ATMS modules, certain User roles may only be allowed to view the contents and not allowed to enter any data.
88	Authorized Users shall have the capability to add new Users and User roles via the Directory Server, to update/modify existing Users, and to disable Users.
89	All Users shall be assigned individual User IDs and an individual default password which they are required to change when first accessing the application.
90	The Administrator User role shall have access to all system functions.
91	The ATMS and Directory Server shall allow administrators to create, modify, and delete users, workstations, and roles.
92	The ATMS shall allow administrators to monitor and terminate user sessions.
93	Permissions shall be available to allow/deny User access to system applications and major system and entity control functions.
94	ATMS menu items and functions, such as control buttons, that a User does not have permission to access shall be disabled for the User and/or greyed out.
95	Standard window functionality shall be used to configure individual User defaults for the ATMS.
96	Once user specific windows viewing preferences are saved, the user specific setting shall be restored the next time the user logs on to the ATMS.
97	The ATMS shall deny access to unauthorized users, if they do not provide a valid username and password, or if the user attempts to connect from a workstation with an unauthorized IP address.

98	The 1st time a User logs on to the ATMS, the default view preferences shall appear.
99	Each ATMS User shall be configured with a unique logon name and password.
100	To start an ATMS session, the User shall be required to login with username and password.
101	During ATMS logon, the User's password shall not be revealed as it is typed (display it as *****) and the password string shall be encrypted during transmission to the ATMS Server, such that packet sniffing software cannot reveal the User's password.
102	The ATMS shall allow multiple Workstation IDs to be created, modified, and deleted.

### **5.19 Network Video Recorder**

103	The Contractor shall provide and install a new on-premise Network Video Recorder (NVR) for the ADC
104	The NVR shall be 19" rack mountable and shall be installed in available space within an ADC rack, in proximity to the ATMS Layer 3 Switch and as directed by Agencies or their representative.
105	The NVR shall have sufficient digital storage capacity to record 150% of the Agencies' initial total CCTV camera count at Notice to Proceed, for a minimum period of one hundred and sixty-eight (168) hours, at full resolution and framerate.
106	The Contractor shall be responsible for providing sufficient storage capacity to meet the retention requirements.
107	The Contractor shall be responsible for ensuring there is sufficient storage media redundancy to ensure that the failure of a single module or drive does not result in any data loss, and that the NVR can be restored to non-degraded status upon replacement of the faulty module or drive without any resulting downtime.

108	The NVR shall continuously record all of its video inputs 24 hours a day and overwrite video past the 168-hour retainage period on a first-in first-out basis. All video shall be time indexed.
109T	The NVR shall allow for the exporting of stored video over a given time index to a file using standard, non-proprietary Windows and iOS file formats.
110	The NVR shall be network addressable, network controllable and have a network throughput capacity which is sufficient to accept all required input streams.
111U	Upon System Acceptance and successful commissioning of the new Network Video Recorder, the Contractor shall decommission the existing Network Video Recorder and provide it to the Agencies or their representative.

## **5.20      Uninterruptable Power Supplies**

112	The Contractor shall provide and install a bottom of rack Uninterruptable Power Supply (UPS) unit in each ADC rack in which new ATMS Equipment is included.
113	Each UPS shall have a power rating sufficient to accommodate 120% of the electrical load for all new ATMS equipment installed under this Contract and held within the rack in which the UPS is installed.
114	The UPS shall be rated for 120-volt (V), 60-hertz (Hz) single-phase input power and shall be equipped with a 30A rated plug for connection to input power.
115	The UPS output power shall have less than 5% total harmonic distortion.
116	The UPS maximum transfer time shall be 10 milliseconds.
117	The UPS shall be controllable remotely via a network or serial connection.
118	Each UPS shall be rated to provide 30 minutes of backup time in the case of an input power failure, when at full load for all ATMS equipment in the given rack. The Contractor

	shall be responsible for providing all necessary batteries or battery expansion packs in order to meet the required backup time.
119E	Each UPS shall have an acoustic output level below 50 A-weighted decibels (dBA).
120	Once installed, the Contractor shall connect each UPS's input plug into a receptacle that is not backed-up by the ADC's existing macro-UPS.

## **5.21 Graphical User Interface**

121	The ATMS shall utilize a fully integrated graphical user interface that provides a user with real time information and control of devices through the use of a map.
122	Contractor shall develop, furnish, and install a single graphical user interface (GUI) application software for the ATMS that supports all User functions.
123	If the ATMS GUI is web browser based, it shall be compatible with recent versions of standard browsers which are supported by their issuers and eligible for security patch updates. Compatibility of the ATMS GUI with supported browsers shall be applicable through the full period of the Agreement and the Contractor shall ensure ongoing updates to the ATMS GUI in order to maintain this compatibility with supported browsers.
124	<p>The GUI design and development shall incorporate human factors and usability engineering and be optimized for speed, as well as provide the following controls, including but not limited to:</p> <ul style="list-style-type: none"> <li>i. Menus (such as pull down, popup, cascading, leveling, etc.);</li> <li>ii. Windows (allowing for multiple windows within the application, such as to navigate back without having to re-enter information);</li> <li>iii. Informational messages;</li> <li>iv. Positive feedback;</li> <li>v. Provide warning and/or confirmation messages when appropriate as defined during the Implementation Phase;</li> <li>vi. Exception handling and error dialogs, including logging the error;</li> <li>vii. Control icons, links and action buttons;</li> </ul>



	<ul style="list-style-type: none"> <li>viii. Data entry fields, combo boxes, check boxes;</li> <li>ix. Provide the capability for the User to print screens;</li> <li>x. Display (read-only) fields, and</li> <li>xi. General and context-specific help menus.</li> </ul>
125	Data entry screens shall have configurable mandatory fields that require data entry prior to continuing through the process.
126	<p>The ATMS GUI shall provide field-level validation (server-side enforced) and format verification upon exiting data fields applicable to pre-defined formats or standards, including but not limited to:</p> <ul style="list-style-type: none"> <li>i. Alpha-numeric;</li> <li>ii. Date;</li> <li>iii. Time;</li> <li>iv. Special characters; and</li> <li>v. Length.</li> </ul>
127	The ATMS GUI shall allow for the configuration of formatting input masks configured by the Administrator User Role in order to standardize input into any field in the GUI
128	<p>The ATMS GUI shall provide field-level “tooltips” or other interactive help, configurable by the Administrator User Role, that provide specific guidance on any field presented, including but not limited to:</p> <ul style="list-style-type: none"> <li>i. Alpha-numeric fields;</li> <li>ii. Date fields;</li> <li>iii. Time fields;</li> <li>iv. Special characters;</li> <li>v. Username and password;</li> <li>vi. Length restrictions; and</li> <li>vii. Lane and location identification (ID).</li> </ul>
129	Online help shall be provided for each screen, each editable field, and each selectable option within each screen.

## **5.22      Field Device Control**

130	The ATMS shall be compliant with the latest National Transportation Communications for
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	Intelligent Transportation Systems Protocol (NTCIP) requirements to support real-time monitoring of the Express Lanes Field Subsystems, including: <ul style="list-style-type: none"> <li>i. CCTV cameras; and</li> <li>ii. Changeable Message Signs (CMS).</li> </ul>
131	The ATMS shall provide real-time monitoring and logging of equipment status and state.

### **5.23      CCTV Manager**

132	The ATMS shall provide the TOC Operations staff with direct control of the pan/tilt/zoom (PTZ) features of all CCTV cameras to scan and observe activity. Control functionality shall also include other features such as focus, presets, iris control, wipers, color balance, etc., where applicable.
133	The CCTV Manager shall provide a common User interface that supports camera control, video viewing, video switching, recording and playback.
134	The User shall have the ability to preclude specific cameras from being exported to external sources (e.g., Caltrans D8 or D12).
135	The CCTV Manager shall have the capability to enable or disable User or group of Users access and control to a video stream.
136	Agency Users at the TOC shall be able to select and control any available camera in the system from the GUI or the CCTV Manager window list view.
137	All CCTV functions shall be accessible from the workstation using a standard keyboard and mouse.
138	The CCTV Manager shall also support the use of both a PTZ joystick and a mouse/keyboard via onscreen virtual controls for enhanced camera control.
139	The CCTV Manager shall support the use of arrow keys and "+" or "-" keys for PTZ

	<p>functions:</p> <ul style="list-style-type: none"> <li>i. Zoom control shall be supported through the use of the wheel on a wheel mouse;</li> <li>ii. Iris and focus shall be controllable via a software joystick; and</li> <li>iii. Pan and Tilt limits to restrict the motion of the camera shall be configurable via the software joystick.</li> </ul>
140	The CCTV Manager shall support the NTCIP 1205 and ONVIF Profile S and T message set camera protocols that support pan/tilt/zoom (PTZ) control, pre-set, tours, recording and playback including: Pelco, CostarHD (Cohu), Bosch, Axis or equivalent.
141	The CCTV Manager shall be able to support digital video streaming, switching and stream management.
142	The CCTV Manager shall support digital (IP) video cameras from multiple vendors through the interface.
143	The response time of the CCTV control action (not including network latency) as observed on a monitor shall be within 500 milliseconds for any camera in the system.
144	The User shall be able to configure the pan/tilt speed.
145	The CCTV Manager interface shall allow control of camera zoom level, and the ability to override camera auto-focus and auto-iris control by use of manual controls.
146	The CCTV Manager shall allow the setup and selection of preset camera positions. The number of presets shall only be restricted by the capabilities of the camera.
147	The CCTV Manager shall be capable of changing the preset positions and preset names for TOC Users physically present in the TOC.
148	Control of PTZ and the switching of cameras shall also be accessible from the Event Manager and Alert Manager modules.
149	CCTV preset names shall be accessible to the Event Manager and the Alert Manager for association with an event or alarm in a particular location.

150	The CCTV Manager shall support all preset camera positions available to Users.
151	The CCTV Manager shall provide User level permissions for camera control, video display, video switching, preset and tour construction, setting of limits, camera locking, blocking broadcast, and recording/playback of digital video.
152	CCTV configurations shall be stored in the ATMS System database.
153	The CCTV Manager shall be capable of creating and displaying video tours. These tour capabilities shall allow Users to select any number of cameras and/or camera preset positions to be rotated for viewing at regular timed intervals.
154	Authorized Users shall have the capability to independently name each video tour.
155	When a tour is created and saved, the tour shall be listed in the video source list.
156	Any number of individual Users shall be able to view the tour simultaneously.
157	The CCTV Manager should be capable to allow independent camera tours per workstation.
158	The User shall be able to pause tour operation within any tour window and then resume the same tour operation at any time.
159	Actuation of any camera control command shall stop the automatic tour operation.
160	The CCTV Manager shall allow Users to lock control of a camera. During this period of time, other Users with lower access privileges, as well as tours shall not be allowed to control the locked camera. The User shall be able to unlock or release the camera.
161	The CCTV Manager shall indicate locked cameras status to the User.
162	The CCTV Manager shall collect, log and display camera location information, e.g., camera ID, camera Global Positioning System coordinates, preset position, and status in tabular form and upon mouseover or click on the GUI Map.
163	The CCTV Manager shall log the User ID when a camera is being accessed.

164	The CCTV Manager shall log all alarms, including the loss of communications between a camera and video.
165	The CCTV Manager should provide a selectable preset time-out feature which is a programmable interval in which the camera must automatically return to a preset default position after a preset timeout interval is reached.
166	The CCTV Manager shall alert the Alert Manager that the system has lost communications with a managed camera.
167	The User shall have the capability to poll a camera in order to test communications and other device status information.
168	The system shall automatically poll all CCTV cameras at User configurable intervals to view/confirm current system operations, test communications, and obtain other status information including system failures.
169	The CCTV Manager be capable of capturing snapshot video images from available cameras.
170	The system shall be capable of displaying digital video that is encoded using standard or common video compression algorithms, including: MPEG-2, MPEG-4 (H.264), MPEG-H (H.265) and both Windows and iOS compatible players/viewers.
171	The User shall be able to initiate individual video player windows by clicking on a camera icon on a graphical map display.
172	The video player windows shall be resizable and shall maintain the video stream's aspect ratio.
173	The video player windows shall be capable of full-screen display.
174	Each video player window shall be capable of displaying live video or recorded video archives.

175	The video manager shall provide the capacity to tag a camera stream for a configurable amount of time during a defined event and then extract that video from the Network Video Recorder. Any video segments extracted which are associated with a recorded event shall be preserved and not overwritten for a minimum of seven (7) days.
176	The CCTV Manager video player shall be able to fast-forward, rewind and pause the archive.

## 5.24 Sign Manager

177	The Sign Manager shall provide an integrated interface for the monitoring and control of all types of signs, including: <ul style="list-style-type: none"> <li>i. VTMS - variable toll message signs; and</li> <li>ii. CMS - changeable message signs.</li> </ul>
178	The Sign Manager shall support interfaces for a wide variety of VTMS and CMS vendors including: Vermac Skyline, Daktronics, Mark IV, and equivalent.
179	The Sign Manager shall provide a window within the GUI that displays a list of all signs in the system along with the currently displayed messages.
180	The Sign icons on the GUI shall change shape and/or color and/or blink when an alarm condition is associated with a Sign.
181	The Sign Manager shall support the NTCIP 1203 CMS protocol for permanent and portable signs.
182	The Sign Manager user interface shall support a full graphical WYSIWYG (what you see is what you get) display of each sign including size, multiple character fonts, color, graphics, line spacing, multi-line phased messages, blinking of individual characters, dynamic data, and control of associated beacons.
183	The Sign Manager shall support creating messages with different font types, font styles

	and font sizes.
184	The Sign Manager shall support monochrome and color messages.
185	The Sign Manager shall support text messages, graphic messages, and a hybrid of the two.
186	The Sign Manager shall support the creation of a single-phase message in the message library.
187	The Sign Manager shall be able to create a multi-phase message in the message library.
188	The Sign Manager shall support sign phasing between messages to display multiple messages at once.
189	The User shall have the capability to manage message parameters such as message phasing, duration, and priority.
190	The Sign Manager shall support levels of configuration for priority messages.
191	The highest priority position in a sign message queue shall be the override priority.
192	All sign messages shall be checked against a custom dictionary before they are entered into the message library or transmitted to the sign.
193	The custom dictionary shall be editable by Users with appropriate privileges
194	The Sign Manager shall inform the Alert Manager that the system has lost communications with a sign.
195	The Sign Manager shall alert the User with an error message when an action cannot be performed on a sign.
196	The Sign Manager shall alert the User when a sign has detected an internal malfunction.
197	The Sign Manager display shall show the current active messages on the selected signs.
198	The Sign Manager shall allow for different messages to be scheduled at different times on

	a single or multiple signs.
199	The Sign Manager Scheduler shall allow a current active message to return after a scheduled message, at the User's discretion.
200	The Sign Manager Scheduler shall display messages on the signs automatically without user interaction.
201	The User shall be able to control and manage any sign in the system either from the list or from an icon on the GUI map.
202	The User shall be able to control and monitor the state of the sign from the sign controllers through the data and alarm processing features.
203	The User shall have the capability to manually compose a message for a sign and then send/post it to a single sign or multiple signs at once.
204	The User shall be able to create a message to add to the message library.
205	The User shall have the capability to send a message to a single sign or multiple signs.
206	The User shall be able to send a message stored in the message library to a sign or multiple signs.
207	The User shall be able to add a message stored in the message library to a sign's priority message queue.
208	The User shall have the capability of editing a message prior to displaying or queuing it.
209	The User shall review messages stored in the message queue of a sign.
210	The User shall be able to open a message stored in the message library.
211	The User shall be able to save over an existing message to the message library.
212	The User shall save a message to the message library under a new name.
213	The User shall be able to preview a message as it would appear on a targeted sign before



	displaying the message on the sign.
214	The User shall have the capability to manually blank a single sign.
215	The User shall be able to remove a message displayed on any sign.
216	The User shall be able to remove a message from a sign's priority message queue.
217	The User shall be able to schedule a message on a sign for up to a year in advance of the sign activation.
218	The User shall have the capability to display a message at manual priority.
219	The User shall have the capability to display a message at override priority.
220	The User shall have the capability to manually poll a sign in order to view/confirm current sign messages, test communications and obtain other sign/controller status information including system failures.
221	The ATMS shall automatically poll all Signs at configurable intervals to view/confirm current sign messages, test communications, and obtain other sign/controller status information including system failures.
222	The User shall have the capability to enable or disable a sign from system access.
223	The User shall be able to store library messages in a variety of different message library categories.
224	The User shall be able to expand the number of message library categories by creating and naming new categories.
225	The Sign Manager module shall support formatting of messages in left, center, right and full justification.
226	The Sign Manager module shall prevent duplication by disallowing more than one message with exactly the same content to be stored.

227	The Sign Manager module shall alert the user when they attempt to add a duplicate message to the library.
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## 5.25 Event Manager

228	The Event Manager shall allow Users to create, modify, and terminate events.
229	The Event Manager shall store planned and unplanned events in the database.
230	<p>The Event Manager application shall allow recording of a variety of event related parameters based on the system configuration, for example:</p> <ul style="list-style-type: none"> <li>i. Event Type;</li> <li>ii. Event Severity;</li> <li>iii. Event Status;</li> <li>iv. Lane Blockage Pattern;</li> <li>v. Event Location;</li> <li>vi. Roadway Direction;</li> <li>vii. Expected Duration;</li> <li>viii. Planned Recurrences;</li> <li>ix. Road Conditions;</li> <li>x. On Road Resources (e.g., Freeway Service Patrol); and</li> <li>xi. Comment Field (for additional information).</li> </ul>
231	The Event Manager shall display all time stamped system events that are stored in the event log database table.
232	The Event Manager module shall provide a GUI window where events shall be displayed in tables or on trends.
233	The Event Manager module shall also display events as GUI map layer using point or linear icons.
234	The Event Manager shall provide the ability to configure unique icons for event types from a predefined list.
235	The Event Manager shall be capable of displaying event types for a configurable time period.

236	The Event Manager shall allow the creation of an event from an alert.
237	The ATMS shall capture information about the Event from the alert and other available information into pre-populated fields.
238	The Event Manager shall allow logging of the Event Status (e.g., new, active, pending, closed).
239	The Event Manager shall allow Users to create events on the Event Manager summary window, the GUI map, an event creation link on the graphic display, automatically as a scheduled event, and/or using an incident detection algorithm or processing logic.
240	The Event Manager shall always associate an Event with a location. The location can be a spot location or a contiguous roadway segment, and it shall be geocoded by the ATMS.
241	The Event Manager shall allow event records to be modified by a single User at a time.
242	The Event Manager shall allow the User to enter event location information manually by clicking a map, entering milepost information, or exits.
243	Users shall have the ability to specify the roadway segment based on start and end pins dropped on the map GUI.
244	Users shall have the ability to specify the roadway segment based on start and end points entered manually using interchange or freeway post mile.
245	The Event Manager shall archive all event records, including time/date stamps for every modification to the event record throughout the life of the event.
246	The Event Manager shall log User generated events with the location of the event and the name of the User.
247	The ATMS shall allow the columns of the event list to be sortable (ascending and descending).
248	It shall be possible to filter the events displayed in the list using one or more filter

	combinations from the following: <ul style="list-style-type: none"> <li>i. Event Type;</li> <li>ii. Event Severity;</li> <li>iii. Event Status; and</li> <li>iv. Event Location.</li> </ul>
249	The ATMS shall link the video information recorded for an event to the event information in the database for facilitated recall at a later time.

## **5.26      Automatic Incident Detection [Optional]**

250	The Event Manager shall be capable of detecting incidents on all Express Lanes segments for which CCTV coverage is available, including stopped vehicles, debris in the lanes, pedestrians, wrong-way vehicles, slowed traffic, congestion, and fire/smoke.
251	Automatic Incident Detection shall be based on video analytics of the PTZ cameras and shall operate day and night, regardless of weather conditions.
252	Automatic Incident Detection shall be configurable to work with multiple camera presets.
253	The Event Manager shall automatically log detected incidents, display them as alarms on the ATMS GUI and notify designated User roles via email and Short Message Service (SMS), for further verification and processing.
254	The Event Manager shall be configurable to allow the User to set up specific incident thresholds for alarms/notifications including configurable parameters for time of day and day of the week.
255	Video streams associated with the incident shall be automatically tagged for the periods before and after a detected incident occurs. Tagged incident video may be extracted from the NVR during the video retainage period.
256	The Event Manager shall allow an incident to be updated manually by a User or

	automatically by details received from other subsystems, modules, and interfaces.
257	The User shall be able to verify an automatic incident update before the change is acknowledged.
258	The Event Manager shall have interfaces with third-party systems to automatically receive, display and store event information.
259	The Event Manager shall have the capability to receive events from other third-party systems via the system C2C interface to display and store event information. The system shall allow generation of event response plans against these events.
260	The Event Manager shall be capable of detecting events through the implementation of AID algorithms, which shall be tunable and upgradable throughout the total duration of the Agreement.
261T	The Event Manager shall allow all detected incidents to be categorized as such for reporting purposes
262	Video analytics functions for AID shall be performed on-premise in the ADC in order to avoid the need for continuous upload of video streams to a Cloud hosted platform through a metered data connection. The Contractor shall provide and maintain all on-premise hardware required for this purpose at the ADC.

## **5.27      Center-to-Center Interface**

263	The ATMS shall support a center-to-center interface with external ATMS systems conforming to the Traffic Management Data Dictionary (TMDD) v3.1 or newer.
264	The ATMS shall support center-to-center interfaces with: <ul style="list-style-type: none"> <li>i. Caltrans District 8; and</li> <li>ii. Caltrans District 12.</li> </ul>

265	The center-to-center link shall allow the ATMS to grant or obtain CCTV camera control rights to or from an external ATMS. Control rights shall be managed by permissions via the Directory Server.
266	The center-to-center link shall allow the ATMS to transmit or receive digital CCTV camera feeds to or from an external ATMS. Control rights shall be managed by permissions via the Directory Server.
267	The center-to-center link shall allow the ATMS to transmit or receive digital CMS status data to or from an external ATMS. Control rights shall be managed by permissions via the Directory Server.

## 5.28 Alert Manager

268	The ATMS shall provide integrated alarm processing, presentation, response, and notification, managed through an Alert Manager module for CCTVs, Signs and Events.
269	The Alert Manager shall provide an alarm banner window.
270	The Alert Manager shall allow right click accessibility to alarm properties.
271	Alarm instances can be shown as tabs or detached to be moved and resized as desired.
272	Alarms shall be configurable with the following modes: Acknowledgement; Return to Normal; Acknowledgement and Return to Normal.
273	<p>The Alert Manager shall allow for status displays indicating the current state of the alarm.</p> <p>Default displays are:</p> <ul style="list-style-type: none"> <li>i. Unacknowledged;</li> <li>ii. Acknowledged;</li> <li>iii. Active;</li> <li>iv. Inactive; and</li> <li>v. Snooze.</li> </ul>
274	Alarming shall allow for distinct levels of priority.

275	The User shall be able to choose a priority for an alarm. If none is chosen the priority shall default a system configured level.
276	The Alert Manager shall allow configuration to automatically remove alarms once acknowledged and no longer in an alarm state.
277	When an alarm is removed, any reminder entries for the alarm shall be automatically removed from the schedule, including snooze reminder entries and User reminder entries.
278	There shall be a mechanism to prevent notification delivery for repeated activation of the same alarm.
279	The Alert Manager shall allow reminders with associated text after one or more repeated recurrences.
280	The Alert Manager module shall be able to send notifications via e-mail or SMS. One or both types shall be selected for a specific notification to a group or individual.
281	The Alert Manager shall allow the user to design a format for notification messages.
282	The Alert Manager shall allow the user to manage the notification groups/individuals list, based on User Roles or specific Users.
283	Authorized Users shall be able to add, modify, and delete notification groups or individuals via the Alert Manager.
284	The Alert Manager shall display a list of all pending, successfully completed, and failed notifications.
285	The Alert Manager shall allow the user to create ad-hoc notification messages and send them to one or more Users selected from the configured contact list.

## **5.29      Archiving and Reporting**

286	The ATMS shall archive raw and processed data, analyze data, and provide standard canned operational and management reports and ad-hoc query reports, and provide dashboard reporting capabilities.
287	The ATMS shall analyze data and generate reports that are configurable. Users shall be able to view and export reports in multiple file formats with output options.
288	The ATMS shall provide device health (online, offline, comm loss, errors) status data archiving, analysis, and reporting.
289	The ATMS shall provide device control actions data archiving, analysis, and reporting.
290	The ATMS shall provide event summary data archiving, analysis, and reporting.
291	The ATMS shall provide event detail data archiving, analysis, and reporting.
292	The ATMS shall provide system configuration data archiving, analysis, and reporting.
293	The ATMS shall provide user activities data archiving, analysis, and reporting.
294	The ATMS shall provide device inventory data archiving, analysis, and reporting.
295	The ATMS shall archive data, analyze, and report uptime reliability on a monthly basis.
296	CMS Statistics: The ATMS shall obtain CMS/VTMS statistics from the system logs and provide archiving, analysis, and reporting on the CMS/VTMS statistics

## **5.30      ATMS Data Backup and Recovery**

297	The ATMS shall have an automated daily backup mechanism for the ATMS database which ensures that data recovery and restoration is possible in the event of a database failure, with no more than 24 hours' worth of data lost.
298	New software releases shall be successfully tested on the ATMS Development Server prior



	to them being implemented on the ATMS Production Server.
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### **5.31 ATMS Standards Compliance**

299	The ATMS shall use applicable Open Web Application Security Project/National Institute of Standards and Technology (OWASP/NIST) security standards.
300	The ATMS shall conform to the NTCIP – Latest Version, including, but not limited to: <ul style="list-style-type: none"> <li>a. 1201 – Global Object Definitions</li> <li>b. 1202 – Object Definitions for Actuated Traffic Signal Controller Units</li> <li>c. 1203 - Object Definitions for Dynamic Message Signs (DMS)</li> <li>d. 1205 – Object Definitions for Closed Circuit Television (CCTV) Camera Control</li> <li>e. 1206 – Object Definitions for Data Collection and Monitoring (DCM) Devices</li> <li>f. 1209 – Object Definitions for Transportation Sensor Systems (TSS)</li> <li>g. 2304 – Application Profile for DATEX-ASN (AP-DATEX)</li> <li>h. 2306 – Application Profile for XML Message Encoding and Transport in ITS</li> <li>i. Center-to-Center Communications (C2C XML)</li> </ul>
301	The ATMS shall conform to the National Electrical Manufacturers Association (NEMA) Standards.
302	The ATMS shall conform to the National Electric Code (NEC) Standards, including Listing Requirements.
303	The ATMS shall conform to the latest version of the National ITS Architecture (ARC-IT).

### **Video Wall Requirements**

### **5.32 General**

304	Contractor shall provide a new turnkey Video Wall System for the Agencies to replace the existing Video Wall in the TOC. The Video Wall System shall consist of the following components: <ul style="list-style-type: none"> <li>i. Video Wall Display - affixed to the rear Operations Room wall and viewable by TOC staff;</li> </ul>
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	<ul style="list-style-type: none"> <li>ii. Video Wall Controller - Rack Mounted equipment located in the ADC; and</li> <li>iii. Video Wall Processor - Rack Mounted equipment located in the ADC.</li> </ul>
305	<p>The Video Wall System shall be integrated with the ATMS and be controlled by it via the User, in order to output real-time information, including:</p> <ul style="list-style-type: none"> <li>i. Live CCTV video streams;</li> <li>ii. Toll Rate CMS fixed camera streams;</li> <li>iii. Live ATMS Content including map views, event lists; and</li> <li>iv. System health and operational status dashboards.</li> </ul>
306	The complete Video Wall System shall have a minimum operating lifetime of 87,600 hours.
307	The Contractor shall furnish, install, and configure the Video Wall Processor equipment to work with the Video Wall Controller and Video Wall Display, as well as the Agencies' video and data input signals, and install this Video Wall Processor in the ADC.
308	All Video Wall configuration interactions within the ATMS GUI shall take no more than three (3) mouse clicks to execute a function.
309	The Contractor shall install new electrical power strips, power plugs, power wire and conduit, etc., to meet the power requirements of the new Video Wall System. The Contractor's electrical work shall meet all state and local codes and as required by the licensed building official.
310	The Contractor shall design and supply a Video Wall System which includes redundancy at the controller, processor, and network level to avoid any single point of failure.

### **5.33 Removals**

311	The Contractor shall perform removal of existing LCD display monitors and associated mounting equipment that form the existing Video Wall within the TOC. The Contractor is responsible for final disposal.
312	The Contractor shall perform removal of existing Video Wall Controllers in the ADC rack.

	Salvaged controllers shall be handed over to the Agencies for final disposal. Contractor shall ensure data is wiped prior to disposal.
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### **5.34      Support Structure**

313	The Contractor may reuse the existing plywood backing system of the existing TOC Video Wall following removal of the current LCD panels, if it meets the structural requirements of the new Video Wall. Otherwise, the Contractor shall supply a 3/4" fire-rated plywood backing system for installation of the Video Wall Display modules, which shall be rated to meet the size and weight of all the modules and the existing wall opening dimensions following removal of the existing Video Wall.
314	The Video Wall structure shall have easy to open front access covers.
315	If required, the design of any new support structure may require professional engineer (PE) approval and signature by a PE with a State of California license. The support structure design shall also be coordinated with the base building contract and reviewed prior to installation.
316	The Contractor shall be responsible for requesting and obtaining any required Building Permits for new Video Wall construction, including any submissions, inspections, and fees. Coordination with TOC Building Management may also be required to apply for necessary permits and complete the work.
317	The Contractor shall install the support frame and level to suit the Video Wall Display manufacturer's requirements. The Contractor shall install the Video Wall Display Modules on the new frame.

### **5.35      Video Wall Controller**

318	The Contractor shall provide a Video Wall Controller that drives video signals to the Video Wall Display modules, distribute power for Video Wall Display modules and control Video Wall Display on/off status and picture settings.
319	The Video Wall Controller shall include a redundant power supply and cooling system to ensure reliable operation.
320	The Video Wall Controller shall have remote management and configuration capabilities via the network and access shall be account/permissions based. Credentialling for Video Wall Controller access shall be synchronized to the ATMS Directory Server and shall include an administrator role which has master control over all function, system configurations and video source selection.
321	All Video Wall Controller output cabling, including any fiber optic or copper intermediate cable and extenders shall be provided by the Contractor. A transmitter and receiver pair of extenders shall be provided for each output. The extenders shall be capable of transmitting a 4K 60 frames per second (fps) video signal on the distance between the Video Wall Controller in the ADC and Video Wall Display in the TOC.
322	The Contractor shall be responsible for properly terminating and grounding the shield on any provided shielded-twisted pair (STP) links for connectivity between the Video Wall Controller and Video Wall Display.
323	The Video Wall Controller shall accept alternating current (AC) input power 115 volts alternating current (VAC) +/- 15% at 60 Hz +/- 1 Hz via a cable with standard NEMA 5-15P that shall be provided.
324	The Video Wall Controller provide shall provide low voltage direct current (DC) output power to the Video Wall Display modules.

325	The Contractor shall install the Video Wall Controller equipment in the ADC rack indicated by the Agencies or their representative. The Contractor shall furnish and install all necessary cables, connectors, power supplies and power cables as required. All cables, including electrical cable, shall be professionally hidden from view. The Contractor shall connect the cables from the Video Display Modules in the TOC to the Video Wall Controller using existing pathways vacated by the removal of the old Video Wall Equipment.
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### **5.36      Video Wall Display**

326	The Video Wall shall be capable of simultaneously displaying all elements below: i) Three 55" (48" x 27") CCTV camera video streams; ii) Eighteen 27.5" (24" x 13.5") CCTV camera video streams; iii) Six 27.5" (24" x 13.5") Toll Rate CMS camera streams; and iv) One 48" x 81" display showing map based ATMS data and Operational status.
327	The Video Wall Display shall have total outer dimensions of 24' x 6.75' (L x H) and shall be composed of as many display modules as are necessary in order to form a consolidated matrix display conforming to these dimensions.
328	The depth of Video Display Assembly modules shall not exceed 4 inches.
329	The Video Wall Display shall be affixed to the rear wall of the Operations Room wall and shall be viewable by TOC staff seated at the existing four (4) operator workstation positions.
330	At a minimum, the total resolution of the Video Wall Display shall be 5760 x 1620.
331	The individual modules making up the Video Wall Display shall have ultra-low bezels which do not to exceed 1mm.
332	The Video Wall Display technology shall be Direct View Light Emitting Diode, with

	minimum 1.25 millimeters (mm) pixel pitch.
333	The LED refresh rate of the direct view LED pixels shall be 3000 Hz or higher.
334	The LED type shall be Commercial grade 3-in-1 Black Surface Mounted Device.
335	The color temperature range achievable from the Video Wall Display shall be 3,000-10,000 Kelvin.
336	The maximum power consumption of the Video Wall Display displaying full white pixels at full brightness conditions shall not exceed 680 watts per square meter of display.
337	The typical power consumption of the Video Wall Display while displaying typical content shall not exceed 250 W per square meter of display.
338	The total weight of the Video Wall Display shall not exceed 1,200 pounds.
339	The minimum brightness output of the Video Wall Display shall be 600cd/m <sup>2</sup> (nits).
340	The viewing angle of the complete Video Wall Display assembly shall be a minimum of 160 deg horizontal and 140 deg vertical.
341	The Video Wall Display modules shall be rated to operate on a twenty-four (24) hour, seven (7) day a week basis without degradation in performance and operation.
342	The sides, top and bottom of the new Video Wall Display assembly shall be painted non-reflective black.
343	The Video Wall Display shall have noise level not greater than 35 dBA.
344	The Contractor shall supply front face acoustic panels and metal support brackets to support the front face acoustic panels.
345	The Contractor shall restore any damaged gypsum panels or acoustic ceiling tiles/tracks due to the installation of the video and graphics wall equipment.
346	The Video Wall Display modules shall be new and current to the manufacturer's product

	line. The units shall not be discontinued products.
347	Each Video Wall Display module shall have front-access to the LED board and internal components for maintenance purposes.
348	The brightness uniformity and color uniformity across the entire Video Wall Display shall be at least 97%.
349	The Video Wall Display shall have at least two (2) defined brightness modes.
350	The Video Wall Display shall have anti-reflective screens with light absorbent material in order to reduce reflection and glare.
351	The Video Wall Display Assembly shall have auto color calibration to maintain uniformity throughout the comprehensive display.
352	The Contractor shall un-pack the new Video Wall Display modules in the presence of the Agencies or their representative. Any damage shall be noted. The Agencies reserve the right to reject any material damaged due to manufacturing, shipping, handling, or installation. The Contractor shall be responsible for returning and replacing any material damaged as noted herein.

### **5.37      Video Wall Processor**

353	The Contractor shall provide a Video Wall Processor which shall be rack mounted in an ADC rack designed by the Agencies or their representative. The Video Wall Processor will receive a variety of video inputs and will drive content for the Video Wall Controller outputs. It is intended to be a collaborative network-based video content distribution and management system.
354	The Video Wall Processor shall be capable of cycling the individual tiled outputs within a template through a sequence of alternate video inputs.

355	The Video Wall Processor shall be capable of displaying ATMS generated graphics via screen mirroring of windows displayed on ATMS Workstations, including: <ul style="list-style-type: none"> <li>i. Situational awareness live maps;</li> <li>ii. Roadway schematics with overlaid traffic conditions; and</li> <li>iii. Selected ATMS GUI Displays.</li> </ul>
356	Contractor shall provide local area network connectivity between the Video Wall Processor and the ATMS LAN for the purposes of control from the ATMS Servers, mirroring of workstation content to the Video Wall and access to input streams routed to the ATMS LAN from the CCTV LAN.
357	The Video Wall Processor shall receive digital/analog/streaming video and other content inputs and then switch/transcode them to an appropriate format, resolution, and layout for transmittal to the Video Wall Controller and output to the Video Wall Display.
358	The Video Wall Processor shall be able to decode, transmit, manage, and display the following formats of digital streaming video at 60fps framerate: <ul style="list-style-type: none"> <li>i. H.264;</li> <li>ii. H.265; and</li> <li>iii. MPEG-2.</li> </ul>
359	The Video Wall Processor shall have remote management and configuration capabilities via the network and access shall be account/permissions based. Credentialling for Video Wall Processor access shall be synchronized to the ATMS Directory Server and will include an administrator role which has master control over all function, system configurations and video source selection.
360	The Video Wall Processor will manage content on Video Wall Display. Users will have the ability to display any sources on the Video Wall Display in various sizes and layouts.
361	The Video Wall Processor shall be able to display video in various layouts, including full-screen, split-screen, and picture-in-picture.
362	The Video Wall Processor shall be able to create, modify and save a minimum of 100



	distinct layouts which can subsequently be recalled from a template library.
363	The Video Wall Processor shall also have the ability to manage external user presentation content.
364	The Video Wall Processor shall have the ability to create up to 4 sub-zones allowing individual ATMS Operator Users to control display content. These display sub-zones shall not cross over into one another or overlap. The sub-zones shall have the ability to be created anywhere within the Video Display Assembly full resolution space.
365	The Video Wall Processor shall be able to stretch, re-position, and resize any video source across any Video Wall Display module.
366	The Video Wall Processor shall be able to accept one hundred and twenty-eight (128) distinct video input sources. The Contractor shall be responsible for providing a sufficient number of controller chassis, line cards and licenses to satisfy this input requirement. The sources shall range from 4CIF resolution to 1080p60.
367	The complete Video Wall Processor system shall be capable of providing twenty-eight (28) total video outputs within a Video Wall Template. The Contractor shall be responsible for providing a sufficient number of controller chassis, line cards and licenses to satisfy this output requirement.
368	The Video Wall Processor shall be able to create and add borders and text overlays to individual original video content source. The borders and text overlays shall have selectable options for color, widths, text size, and flash on/off.
369	Templates produced by the Video Wall Processor shall allow for customizable name/titles, resize, font types, and color type on the display.
370	Visual content from networked sources shall be transmitted and displayed with no pixel loss or degradation.

371	The Video Wall Processor shall be able to search for networked video sources.
372	The configuration software provided to set up the Video Wall Processor shall run on a Microsoft-based operating system. However, once configured, typical control of the Video Wall Processor will be via the ATMS GUI.
373	The Video Wall Processor chassis shall be 4U rack mount, with dual redundant power supplies, which are front access and hot swappable. The Contractor shall be responsible for providing a sufficient number of chassis to form a complete system which meets the functional requirements.
374	Each Video Wall Processor chassis shall have a minimum of three hot-swappable top loadable fans.
375	All required for Video Wall Processor operation shall be preloaded and properly configured for immediate use after installation on site, including Video Wall Processor server operating system and input/output channel drivers.
376	All Video Wall Processor hardware shall be rack mountable.
377	The Video Wall Processor shall have no recurring license requirements.
378	The Video Wall Processor shall have the ability to self-monitor and provide alerts to the administrator.
379	The Video Wall Processor shall provide an interface to logged events for troubleshooting, security events, and configuration changes.
380	The Video Wall Processor shall have a Software Development Kit and Application Programming Interface openly available without charge for future integration with third-party applications.
381	All Video Wall Processor hardware shall have an operational temperature between fourteen degrees Fahrenheit (14°F) to one hundred- and four-degrees Fahrenheit (104°F).

382	The Video Display Assembly shall support environmental conditions of relative humidity of 20 to 80% non-condensing.
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### **5.38      Calibration**

383	The Contractor shall configure the Video Wall Display, Video Wall Controller and Video Wall Processor and video inputs to operate as one system. The Contractor shall configure each Video Wall Display module to operate all available features including picture alignment, color, balance, brightness, contrast, dimming, viewing angle, motorized adjustment tools, digital gradation, LED brightness levels, diagnostics, etc. in order to meet all the manufacturer requirements.
384	The Contractor shall meet all equipment manufacturer's requirements for configuration of equipment and quality control requirements.

## **Network Requirements**

### **5.39      General Requirements**

385	<p>The Contractor shall be responsible for constructing a new ATMS Local Area Network (LAN) in the ADC, which shall link together all components of the new ATMS and Video Wall Display Systems and allow them to exchange data in a full duplex and secure manner. The following components shall be connected to the ATMS LAN:</p> <ul style="list-style-type: none"> <li>i. ATMS Workstations;</li> <li>ii. ATMS Layer 3 Switch;</li> <li>iii. ATMS Servers (including Production, Development and Database)</li> <li>iv. Directory Server;</li> <li>v. Video Wall Processor;</li> <li>vi. Video Wall Controller;</li> <li>vii. Network Video Recorder;</li> <li>viii. Uninterruptable Power Supplies; and</li> <li>ix. ATMS Firewall.</li> </ul>
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#### **5.40      ATMS Layer 3 Switch Requirements**

386	The Contractor shall provide, install, and configure a new Layer 3 Ethernet Switch for the ATMS LAN.
387	The ATMS Layer 3 Switch shall have a minimum of 24 Gigabit SFP ports and 4 SFP modular ports supporting 10Gigabit interfaces.
388	The Contractor shall provide four 10GBASE-SR SFP modules with the ATMS Layer 3 Switch.
389	The Contractor shall provide a combination of 24 Gigabit SFP modules with the ATMS Layer 3 Switch, to support the required number of copper or fiber connections to other devices on the ATMS LAN.
390	The ATMS Layer 3 Switch shall support static routes and dynamic routing protocols including Routing Information Protocol and Open Shortest Path First.
391	Certain OCTA CMS field device connections come back through the Lane Management field network and will need to be bridged back to the new ATMS Layer 3 Switch via a new connection. The Contractor shall establish the required network link and secure the interface with access control lists and any other required policies to allow authorized traffic only and block all other traffic.
392	The Contractor shall configure all interfaces on the new Layer 3 Switch that must pass digital video streams to permit the use of standard transmission control protocol (TCP) and user datagram protocol (UDP) ports and port ranges required for Real Time Streaming Protocol (RTSP) and Real Time Transport Protocol (RTP).
393T	The ATMS Layer 3 Switch shall support Internet Group Management Protocol v3 to enable multicast support for incoming streaming sources.

#### **5.41      ATMS Firewall Requirements**

394	The Contractor shall provide a new ATMS Firewall which shall have network linkages to and provide secure interfaces to: i.     ATMS Layer 3 Switch; and ii.    New Internet Service Provider Demarcation
395	The ATMS Firewall shall limit remote access to the ATMS LAN to authorized users via secure VPN connection using AES-256 encryption with common Directory Server managed credentials.
396	The ATMS Firewall shall support a minimum of 5 simultaneous remote VPN connections.
397	The ATMS Firewall shall support whitelisting and blacklisting of origin IP addresses or IP address ranges.
398T	The Contractor shall install the new ATMS Firewall in the ADC Rack specified by the Agencies or their representative.
399	The Contractor shall establish connections between the ATMS Firewall, ATMS Layer 3 Switch and New Internet Service Provider Demarcation in order to support the required number of simultaneous remote connections.

400	Two OCTA Info CMS monitoring camera sources are streamed back to the ADC via the Internet. The Contractor shall ensure that the ATMS Firewall is configured to allow incoming transmission of these streams to the ATMS LAN, with appropriate cybersecurity provisions applied.
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#### **5.42 Internet Service Provider Requirements**

401	The Contractor shall arrange for new enterprise grade internet service at the ADC and shall cover costs for the service for the entire duration of the Agreement period, including the required Maintenance Services period and optional Maintenance Services extensions (if exercised). The maintenance Services bid price shall include the cost for maintaining this service.
402	The Contractor shall be exclusively responsible for paying any setup fees for the Internet Service. For informational purposes, both Spectrum and AT&T providers are currently providing Internet Service at the ADC for existing applications and may be well positioned to add new service.
403	The Contractor shall ensure necessary bandwidth and network resources are procured for the successful implementation and operation of the ATMS, including remote operations and remote maintenance.

#### **Installation Requirements**

#### **5.43 General Installation Requirements**

404	Contractor shall be responsible for procurement, installation, cabling, termination, configuration, testing and integration of all equipment and software required to meet the Requirements of this scope of work, including: <ul style="list-style-type: none"> <li>i. ATMS Servers;</li> <li>ii. ATMS Layer 3 Switch;</li> <li>iii. ATMS Firewall;</li> <li>iv. Cabling, pathways, connectors, media converters and extenders;</li> <li>v. Video Wall Display equipment and required mounting hardware;</li> <li>vi. Video Wall Controller; and</li> <li>vii. Video Wall Processor.</li> </ul>
405	Contractor shall ensure that Contractor's installation activities do not interrupt or interfere with the existing the Agencies operations without prior permission from the Agencies.

#### **5.44      Compliance to Standards**

406	Contractor shall meet all electrical codes, seismic considerations, calibration, configuration, and environmental requirements of and including but not limited to: <ul style="list-style-type: none"><li>i. Equipment manufacturer's;</li><li>ii. NEC;</li><li>iii. Underwriters Laboratories (UL) standards;</li><li>iv. the Agencies;</li><li>v. Building Industry Consulting Service International (BICSI);</li><li>vi. IEEE (Institute of Electrical and Electronics Engineers); and</li><li>vii. Occupational Safety and Health Administration (OSHA) Requirements.</li></ul>
407	It shall also be Contractor's responsibility to prepare all documentation required to install and adhere to the proper installation standards, law, ordinance, or codes.
408	Contractor shall procure Services of Subcontractors qualified to work in this industry. If a vendor's component requires a vendor approved installer, Contractor shall use an approved component installer, including qualified vendor staff.
409	Contractor shall provide project management and oversight of all work performed. At all times when installation work is taking place, Contractor shall have an individual designated site manager onsite to supervise the installation.

#### **5.45      Cable Trays**

410	Contractor may use the existing cable trays and pathways in the TOC and ADC; however, existing system operations and performance shall not be impacted during installation.
411	Provision of any additional cable trays to connect the new ATMS and Video Wall System is the responsibility of Contractor.

## Maintenance Services Requirements

### **5.46      Service Monitoring and Maintenance**

412	The Contractor shall provide mandatory service monitoring and Maintenance Services for all installed components for an initial Maintenance Services period of five years following system acceptance (i.e., years 1 through 5).
413	Agencies have the option to extend the Maintenance Services for up to five additional one-year terms (years 6 through 10)
414	<p>During the Maintenance Services period of the Agreement, including exercised optional years, the Contractor shall continuously monitor and manage the software and hardware service provided, including but not limited to:</p> <ul style="list-style-type: none"><li>i. Proactively monitoring all service functions, servers, firewall and other components of system security;</li><li>ii. Implement necessary enhancements, apply patches, and perform security upgrades as needed to ensure the system continues to function at a high level of reliability and security;</li><li>iii. If such monitoring identifies, or the Contractor otherwise becomes aware of, any circumstance that is reasonably likely to threaten the availability of the services provided, the Contractor shall take all necessary and reasonable remedial measures to promptly eliminate threats and ensure full system availability; and</li><li>iv. If the Contractor receives knowledge that the system is not available, the Contractor shall confirm (or disconfirm) the outage by a direct check, notify the Agencies in writing that an outage has occurred, and notify the Agencies that the Contractor has fully corrected the outage and any related problems.</li></ul>
415	<p>The Contractor shall continuously maintain the services provided, including:</p> <ul style="list-style-type: none"><li>i. All updates, bug fixes, enhancements, maintenance releases, new versions, and other improvements that the Contractor provides at no additional charge to its other similarly situated customers; provided that the Contractor receives approval from the Agencies prior to modifying or upgrading the system; and</li><li>ii. All such services and repairs that are required to maintain the services provided and operate properly in accordance with the Contract.</li></ul>
416	The Contractor shall pay special attention to system monitoring following application of a

	patch or bug fix, to ensure that resulting system changes have not produced any associated deficiencies.
417	The Contractor is also required to perform quarterly configuration updates to incorporate any additional users, devices, or system upgrades.

#### **5.47      Remote Access**

418	If the Contractor must make an external connection to the Agencies' data communications infrastructure and/or access the Agencies' information systems in order to remotely address a system failure or perform a preventative maintenance function, the Contractor shall in all respects comply with all the Agencies' policies and procedures regarding such connections and information systems access and undertake whatever actions are necessary in the discretion of the Agencies to ensure such compliance. The Contractor shall be responsible for all costs associated with ensuring that its own network security measures comply with all policies and procedures regarding external connections.
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#### **5.48      Help Desk Support**

419	The Contractor shall provide 24/7/365 support for resolution of software and system operations issues. After-hours support can be by telephone, email, chat, or other mechanisms.
420	<p>The Contractor shall utilize the following list for system issue severity and prioritization. The 'Sign Manager' is classified as a critical system, 'CCTV Manager' and 'Event Manager' are classified as major systems, and all remaining systems are classified as minor systems:</p> <p>i. <b>Critical</b> – Critical system issues consist of the loss of functionality of one or more primary system components, specifically the 'Sign Manager' system. The Contractor shall</p>



	<p>acknowledge notification of critical system issues within 1 hour and resolve or provide an Agency approved plan for resolution within 4 hours of notification. During this resolution period, the Contractor shall provide frequent and regular updates on resolution status along with other mitigation support as needed.</p> <p>ii. <b>Major</b> – Major system issues consist of any fault or issue that inhibits effective or correct operation of the system, particularly the 'CCTV Manager' and 'Event Manager' systems or a 'Substantial Video Wall Failure'. A 'Substantial Video Wall Failure' is defined as failure which renders more than 10% of the Video Wall's displayer area unusable. The Contractor shall acknowledge notification of major system issues within 2 hours and resolve major system issues within 72 hours of notification. The Contractor shall provide frequent and regular updates on resolution status. If a workaround is proposed, it must be reasonable and acceptable by the Agencies.</p> <p>iii. <b>Minor</b> – Minor system issues are any issues related to the remaining systems that do not inhibit effective system and software functionality. The Contractor shall acknowledge notification of minor system issues within 2 hours and resolve minor system issues in the next software upgrade or within 14 calendar days, whichever is sooner.</p>
421	<p>Upon failing to meet the specified response and resolution times for Critical, Major, or Minor system issues, the Contractor will incur liquidated damage of \$500 for each instance of delay. For each repeated interval of delay related to the same issue, an additional \$500 will be levied.</p>
422	<p>The Contractor shall provide issue tracking that allows the Contractor and the Agencies to report system problems and track their progress to resolution. Summary reports of issue status and resolution shall be provided regularly at project meetings.</p>

#### **5.49      On-Site Hardware and Software Maintenance**

423	If Help Desk Support does not resolve an issue, on-site support shall be provided by the Contractor. This consists of providing on-site troubleshooting and fault isolation of system failures for TOC equipment. On-site support shall be made available Monday-Friday 8 a.m. - 5 p.m., excluding the Agencies holidays.
424	Each on-site call-out shall be issued a tracking or reference number.
425	The Contractor shall document all system changes made as a result of maintenance action in updated As-Built Documentation.

#### **5.50      Corrective Action Plan**

426	If two or more critical system issues occur in any thirty (30) day period, the Contractor shall promptly investigate the root causes of these errors and, within five (5) business days, provide a written Corrective Action Plan for the Agencies to review, comment, and approve.
427	<p>The Corrective Action Plan must include, at a minimum:</p> <ul style="list-style-type: none"><li>i. The Contractor's commitment to devote the appropriate time, skilled personnel, systems support, equipment, and other resources necessary to resolve and prevent any further occurrences of the service errors giving rise to such support requests;</li><li>ii. A strategy for developing any programming, software updates, fixes, or patches necessary to remedy, and prevent any further occurrences of such service errors; and</li><li>iii. Time frames for implementing the Corrective Action Plan.</li></ul>

### **5.51      Hardware and Software Support Requirements**

428	All Hardware and Software provided under this Agreement shall be supported by their manufacturers and shall be replaceable, upgradeable, maintained, updated, patched, and secured throughout the Agreement Term.
429	The ATMS shall provide the capability for authorized center personnel to monitor, install or update software, either on-site or remotely.
430	The ATMS shall have the capability to monitor the operating conditions of its hardware components.
431	The ATMS shall have the capability to monitor the operating conditions of its software.
432	The ATMS shall allow authorized personnel to control center hardware and software in order to install, repair, or upgrade center assets.
433	The ATMS shall provide an interface for support personnel to view outputs or provide inputs.
434	The Contractor shall be responsible for performing quarterly maintenance on the battery modules for the bottom of rack Uninterruptable Power Supplies supplied for the new ATMS equipment supplied under this Agreement and do so for the full duration of the Agreement period.

### **5.52      License and Warranty Requirements**

435	All software developed, provided, and installed under this Agreement on either the ATMS Server or ATMS Workstations shall be guaranteed to be free from defects and deficiencies throughout the duration of the Agreement term. In the event of any security vulnerabilities, the responsible party shall promptly identify and apply patches or fixes to address such vulnerabilities as soon as reasonably possible.
436	The Contractor shall provide a non-exclusive perpetual license to the Agencies for all

	involved software not already suitably licensed to the Agencies. All third-party hardware and software shall be purchased in such a way that the Agencies is the original registered owner and licensee for the term of the contract.
437	All hardware provided under this Agreement shall be warranted against defects for the entire duration of the Agreement and be repaired or replaced by the Contractor or original equipment manufacturer in case of failure.

### **5.53      As-Needed Support Services**

438	<p>For additional, as-needed support services not covered in this Agreement, the Contractor is to be paid according to fixed rates on a time and materials basis for the staff categories identified below. The Contractor shall provide rates valid under each categorization in their cost proposal for each year of the Agreement and Optional Extensions, with an annual escalation rate of 3%.</p> <ul style="list-style-type: none"> <li>i.     Project Manager</li> <li>ii.    Systems Engineer</li> <li>iii.   Intermediate Engineer</li> <li>iv.    Junior Engineer</li> </ul>
439	The Contractor must receive written approval from the Agencies prior to commencing with any supplementary time and materials work.

EXHIBIT C

COMPENSATION; RATES AND  
MILESTONE PAYMENT SCHEDULE

[attached behind this page]

DRAFT

# EXHIBIT "C"

## COMPENSATION SUMMARY<sup>1</sup>

FIRM	PROJECT TASKS/ROLE	COST
<b>Prime Consultant:</b>		
Parsons Transportation Group	ATMS for SR-91 Express Lanes	\$3,149,192.00
<b>Sub Consultants:</b>		

YEAR	PROJECT	COST
FY 2023/24	Implementation Phase	\$1,733,228.00
FY 2023/24	AID Option	\$204,616.00
Year1	Maintenance Service	\$108,441.00
Year 2	Maintenance Service	\$108,943.00
Year 3	Maintenance Service	\$115,429.00
Year 4	Maintenance Service	\$116,334.00
Year 5	Maintenance Service	\$117,284.00
Year 6	Maintenance Service	\$114,391.00
Year 7	Maintenance Service	\$120,210.00
Year 8	Maintenance Service	\$127,785.00
Year 9	Maintenance Service	\$136,368.00
Year 10	Maintenance Service	\$146,163.00
<b>TOTAL COSTS</b>		<b>\$3,149,192.00</b>

<sup>1</sup> Commission authorization pertains to total contract award amount. Compensation adjustments between consultants may occur; however, the maximum total compensation authorized may not be exceeded.

**Agreement No. 17-31-020-04**

**AMENDMENT NO. 4 TO  
RIVERSIDE COUNTY TRANSPORTATION COMMISSION  
AGREEMENT FOR STATE ROUTE 91 TRAFFIC OPERATIONS CENTER VIDEO SYSTEMS MAINTENANCE  
SERVICES  
WITH PARSONS TRANSPORTATION GROUP, INC.**

**1. PARTIES AND DATE.**

This Amendment is made and entered into this \_\_\_\_ day of \_\_\_\_\_, 2023, by and between the RIVERSIDE COUNTY TRANSPORTATION COMMISSION ("the Commission") and PARSONS TRANSPORTATION GROUP, INC. ("Consultant"), an Illinois corporation.

**2. RECITALS.**

2.1 The Commission and Consultant have entered into an agreement dated May 5, 2017 for the purpose of providing certain system integration and maintenance services for State Route 91 Traffic Operations Center Video Systems (the "Master Agreement").

2.2 The twelve month maintenance services provided by Consultant commenced as of September 6, 2017, pursuant to issuance of a Notice of Proceed by the Commission, and expires on September 5, 2018.

2.3 The Commission and Consultant amended the Master Agreement, amendment no. 1, on May 5, 2018 to extend the term of the Agreement for an additional two years, and amendment no. 2 on June 23, 2020 to extend the term of the Agreement for an additional two years, and amendment, no. 3 on September 12, 2022 to extend the term of the Agreement for an additional two years, which included the compensation provisions applicable to the first and second option years, third and forth option years, and fifth and sixth option years.

2.4 The Commission and Consultant now desire to amend the Master Agreement to extend the term of the Agreement for one additional year, and to include the compensation provisions applicable to the seventh option year.

NOW THEREFORE, in consideration of the mutual covenants and agreement contained herein and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Commission and Consultant agree as follows:

### **3. TERMS.**

3.1 The term of the Master Agreement shall be extended for a new term, ending on September 5, 2025.

3.2 Effective as of September 6, 2024, Exhibit "B" to the Master Agreement entitled "Compensation" shall be deleted in its entirety and replaced with the version of Exhibit "B" as set forth in Attachment "1", attached hereto and incorporated by reference into this Amendment No. 4.

3.3 Unless otherwise approved in writing by the Commission's Executive Director, the maximum compensation for Services, as that term is defined in the Master Agreement, performed for pursuant to this Amendment No. 4 shall not exceed One Hundred Twenty Five Thousand, Eight Hundred Ninety Four Dollars (\$125,894).

3.4 The total not to exceed value of the Master Agreement, as amended by this Amendment No. 4, is Nine Hundred Seventy Six Thousand, Eight Hundred Twenty Eight Dollars (\$976,828).

3.5 The Recitals set forth above are true and correct and are incorporated by reference into this Amendment No. 4.

3.6 Except as amended by this Amendment No. 4, all provisions of the Master Agreement, including without limitation the indemnity and insurance provisions, shall remain in full force and effect and shall govern the actions of the parties under this Amendment No. 4.

3.7 This Amendment No. 4 may be executed in one or more counterparts, each of which together shall constitute one and the same instrument. Facsimile signatures shall be considered original signatures.

3.8 This Amendment No. 4 shall be governed by the laws of the State of California. Venue shall be in Riverside County.

3.9 A manually signed copy of this Amendment No. 4 which is transmitted by facsimile, email or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original executed copy of this Amendment No. 4 for all purposes. This Amendment No. 4 may be signed using an electronic signature.



**SIGNATURE PAGE  
TO  
AMENDMENT NO. 4  
RIVERSIDE COUNTY TRANSPORTATION COMMISSION  
AGREEMENT FOR STATE ROUTE 91 TRAFFIC OPERATIONS CENTER VIDEO SYSTEMS MAINTENANCE  
SERVICES  
WITH PARSONS TRANSPORTATION GROUP, INC.**

IN WITNESS WHEREOF, this Amendment was executed on the date first written above.

**RIVERSIDE COUNTY  
TRANSPORTATION COMMISSION**

**PARSONS TRANSPORTATION  
GROUP, INC.**

By: \_\_\_\_\_  
Anne Mayer  
Executive Director

By: \_\_\_\_\_  
Signature

\_\_\_\_\_  
Name

\_\_\_\_\_  
Title

*Approved as to Form:*

Attest:

By: \_\_\_\_\_  
Best Best & Krieger LLP  
General Counsel

By: \_\_\_\_\_

Its: \_\_\_\_\_

\* A corporation requires the signatures of two corporate officers.

One signature shall be that of the chairman of board, the president or any vice president and the second signature (on the attest line) shall be that of the secretary, any assistant secretary, the chief financial officer or any assistant treasurer of such corporation.

If the above persons are not the intended signators, evidence of signature authority shall be provided to RCTC.

## ATTACHMENT 1

### EXHIBIT "B"

#### COMPENSATION

**Year 7 (September 6, 2024 - September 5, 2025)**

#### Hourly Rates for On-Call Needed Maintenance and Support

<b>Project Manager</b>	\$247.94
<b>Systems Engineer</b>	\$204.67
<b>Intermediate Engineer</b>	\$161.70
<b>Junior Engineer</b>	\$140.85

Full burdened rate.

Table B-1 below is the proposed Price Schedule for maintenance activities described in this section.

**Table B – Year 7 Price Schedule**

Item	Group/Item Description	Unit	Unit Price	Total Price
<b>Task 1 – Telephone Help Desk Support</b>				
	Telephone Help Desk Support	LS	\$21,430	\$21,430
<b>Task 2 – On-site TOC Hardware and Software Maintenance</b>				
	iNET License Renewal	LS	\$9,750	\$9,750
	On-site System Maintenance	LS	\$37,280	\$37,280
<b>Task 3 – On-Call Maintenance and Support Services</b>				
		NTE	\$57,434	\$57,434
	<b>Subtotal</b>			
	<b>TOTAL MAXIMUM PRICE (PARSONS)</b>			<b>\$125,894</b>

Lump Sum (LS) task items in Table B indicates the identified Services shall be paid on a lump sum basis. Payment is subject to provisions identified in section 3.14.2 Payment of Compensation in the original Agreement.

[Option year pricing on following page]

### Option Year Pricing

TOC Maintenance	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Period	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025
Sub-total Base Services	\$68,460	\$68,460	\$68,460	\$68,460	\$68,460	\$68,460	\$68,460
*As Needed Maintenance and Support Services	\$51,000	\$52,020	\$53,060	\$54,122	\$55,204	\$56,308	\$57,434
<b>Total option year price</b>	<b>\$119,460</b>	<b>\$120,480</b>	<b>\$121,520</b>	<b>\$122,582</b>	<b>\$123,664</b>	<b>\$124,768</b>	<b>\$125,894</b>

\* Labor for On-Call support services are subject to an annual increase of 2%, which increase has been applied to each option year. RCTC may evaluate the level of service within task 2 and determine if reduction or increase in services is warranted. Such change shall be negotiated with the Contractor.



# **AGENDA ITEM 6I**



<b><i>RIVERSIDE COUNTY TRANSPORTATION COMMISSION</i></b>	
<b>DATE:</b>	November 8, 2023
<b>TO:</b>	Riverside County Transportation Commission
<b>FROM:</b>	David Knudsen, External Affairs Director
<b>THROUGH:</b>	Anne Mayer, Executive Director
<b>SUBJECT:</b>	State and Federal Legislative Update

**STAFF RECOMMENDATION:**

This item is for the Commission to:

- 1) Receive and file a state and federal legislative update.

**State Update**

**California State Legislature 2023-24 Session**

The California Legislature adjourned for the year on September 14. Governor Gavin Newsom signed 890 bills and vetoed 156 ahead of the October 14 deadline.

***Assembly Bill 1385 (Garcia)***

Assembly Bill 1385 (AB 1385) by Assemblymember Eduardo Garcia was signed into law by the Governor on October 8, increasing RCTC's sales tax authority to 1.5 cents.

***Senate Bill 617 (Newman)***

Senate Bill 617 (SB 617) by Senator Josh Newman was signed into law by the Governor on October 4, allowing for the Progressive Design-Build procurement method for select projects.

**Federal Update**

Following the passing of Senator Dianne Feinstein on September 29, Governor Gavin Newsom appointed Laphonza Butler to the Senate on October 1. Senator Butler was subsequently selected to join the Senate Banking, Housing, and Urban Affairs Committee, the Senate Judiciary Committee, the Senate Homeland Security and Governmental Affairs Committee, and the Senate Rules Committee.

## **FY 2024 Appropriations**

On September 30, the House and Senate passed a Continuing Resolution to keep the federal government open through November 17 and to allow for more time to negotiate the Fiscal Year 2024 Appropriations Bill. As of this writing, no agreement has been reached about FY 2024 Appropriations legislation or the need for an additional Continuing Resolution to keep the government running while negotiations continue on appropriations legislation.

For the past two federal fiscal years the House and Senate had previous agreement regarding topline earmark spending, resulting in House Community Project Funding (CPF) requests passing without change in the Senate and likewise Senate Congressional Directed Spending (CDS) requests passing without change in the House. However, no such agreement has been reached between the House and the Senate, raising questions as to whether CPF and CDS requests could be altered or removed when the House and Senate ultimately go to conference for a final FY 2024 Appropriations bill. RCTC staff will monitor and continue to communicate its support for this funding as the legislation is considered by Congress over the coming weeks—and months, should negotiations continue past the current Continuing Resolution.

### **FISCAL IMPACT:**

This is a policy and information item. There is no fiscal impact.

Attachment: Legislative Matrix – November 2023



**RIVERSIDE COUNTY TRANSPORTATION COMMISSION - POSITIONS ON STATE AND FEDERAL LEGISLATION – NOVEMBER 2023**

<b>Legislation/ Author</b>	<b>Description</b>	<b>Bill Status</b>	<b>Position</b>	<b>Date of Board Adoption</b>
<b>AB 6 (Friedman)</b>	This bill provides significant new oversight to the California Air Resources Board in the approval process of a metropolitan planning organization's Sustainable Communities Strategy and the methodology used to estimate greenhouse gas emissions. These new burdensome requirements will likely result in significant delays to transportation projects.	Passed the Assembly, referred to the Senate Transportation and Environmental Quality Committees on June 14, 2023.  Two-year bill.  September 15, 2023	<i>Oppose Based on Platform</i>	5/24/2023
<b>AB 7 (Friedman)</b>	This bill requires the California State Transportation Agency, California Department of Transportation, and California Transportation Commission to consider specific goals as part of their processes for project development, selection, and implementation. AB 7 may impact the allocation of billions of dollars in state transportation funding, infringing on RCTC's ability to deliver critically needed transportation infrastructure in Riverside County.	Ordered to the inactive file. Two-year bill.  September 11, 2023	<i>Oppose Based on Platform</i>	5/25/2023
<b>AB 558 (Arambula)</b>	This bill restructures the Fresno County Transportation Authority (FCTA) by increasing its board membership from nine to thirteen members. This restructuring is done without the consensus and support from regional stakeholders and sets a concerning precedent for RCTC and other regional transportation agencies that rely upon a collaborative process to be effective.  Additionally, the bill was amended on April 18 to subject a county transportation expenditure plan prepared by the Fresno County Transportation Authority (FCTA) to the requirements of the California Environmental Quality Act.	Hearing postponed by the Local Government Committee on April 24, 2023.  Two-year bill.  April 28, 2023	<i>Oppose Based on platform</i>	4/10/2023
<b>AB 1385 (Garcia)</b>	This bill would raise RCTC's maximum tax rate authority from 1% to 1.5%.	Approved by the Governor.  October 8, 2023	<i>Support</i>	3/8/2023

Legislation/ Author	Description	Bill Status	Position	Date of Board Adoption
<b>AB 1525 (Bonta)</b>	This bill significantly narrows the location and types of projects eligible to receive state transportation funding by requiring 60% of funds to be allocated to priority populations.	Held under submission in the Assembly Appropriations Committee on May 18, 2023.  Two-year bill.  May 18, 2023	<i>Oppose Based on platform</i>	4/11/2023
<b>SB 617 (Newman)</b>	This bill, until January 1, 2029, would authorize a transit district, municipal operator, consolidated agency, joint powers authority, regional transportation agency, or local or regional agency, as described, to use the progressive design-build process for up to 10 public works projects in excess of \$5 million for each project. The bill would specify that the authority to use the progressive design-build process.	Approved by the Governor.  October 4, 2023	<i>Support Based on platform</i>	4/5/2023

**AGENDA ITEM 7**

**PRESENTATION**