

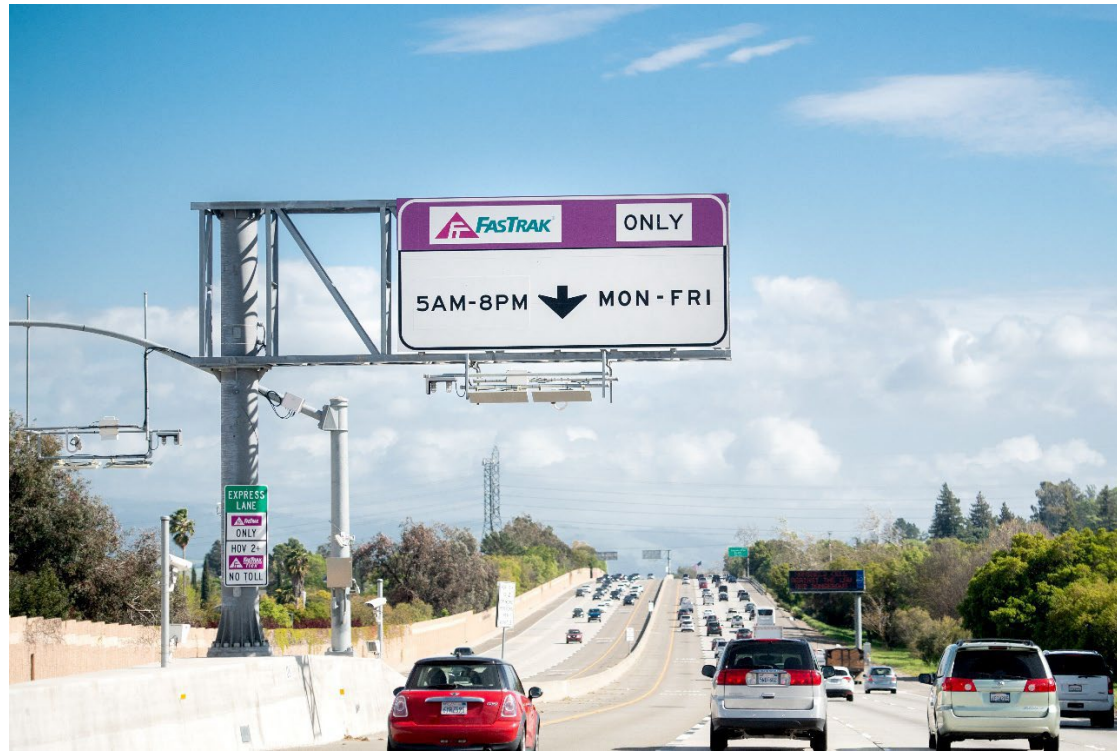
# BAIFA Express Lanes Operations Report 2nd Quarter 2024: April - June

## I-680 Contra Costa and I-880 Express Lanes



Bay Area Infrastructure Financing Authority Network and Operations Committee  
November 8, 2024

# I-680 Contra Costa Express Lanes

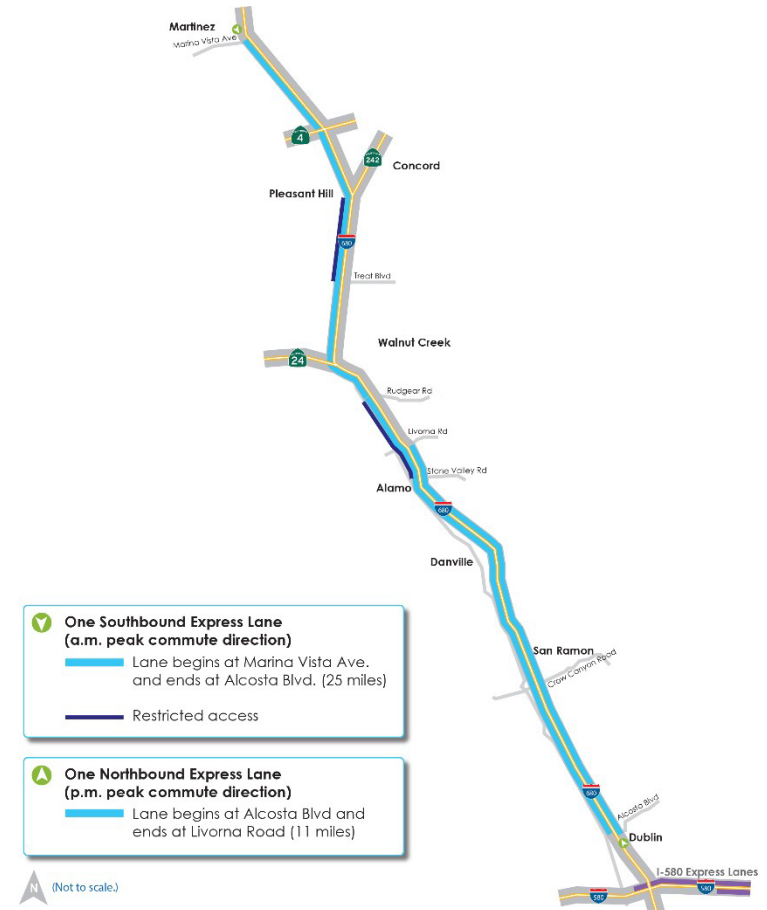




# I-680 Contra Costa Express Lanes Policies

- Tolling Hours are 5 a.m. to 8 p.m. Monday – Friday.
- All drivers must have a FasTrak® account to avoid penalties.
  - Solo drivers can carry a standard FasTrak tag\* or a FasTrak Flex® tag set to 1 or pay tolls via license plate.
  - Carpools (2+) travel toll-free with FasTrak Flex toll tags set to 2 or 3+.
  - Motorcycles travel toll-free with FasTrak Flex toll tags set to 3+.
  - Solo-drivers in eligible clean-air vehicles (CAV) pay half- price tolls with FasTrak CAV toll tags set to 1.

\* Standard FasTrak tags do not have a switch and were issued prior to January 2020.



The infographic is divided into two main sections: 'Carpools' and 'All Drivers'.  
**Carpools:** Must Have FasTrak Flex®. A carpool of 2+ people is FREE. A FasTrak Flex tag with a car icon and '2+' is shown.  
**All Drivers:** Must Have FasTrak®. A solo driver (1 person) pays a FULL TOLL. A FasTrak tag with a car icon and '1' is shown. A solo driver in a Clean Air Vehicle (CAV) pays a HALF TOLL. A FasTrak Flex tag with a car icon and 'CAV' is shown.  
**Motorcycles:** Are FREE with FasTrak Flex toll tag set to 3+.  
**Clean Air Vehicles:** Pay half-price tolls with FasTrak CAV toll tag.

# I-680 Contra Costa Express Lanes – Q2 2024 Highlights

The goal of express lanes is to maximize lane use while keeping traffic moving to encourage carpooling and transit ridership.

- 2.4 million express lane trips were made in Q2 2024. The Average Daily Trip count (ADT) and total trips increased 8% from the prior quarter (Q1 2024). Compared to a year ago (Q2 2023), total trips increased 4% and ADT increased by 2%.
- The share of toll-free HOV 2+ trips was 41%, down 1% from Q1 2024 and the same as Q2 2023. This share has ranged between 30% and 46% per quarter over the history of the lanes and was at its highest in Q1 2020.
- 9% of express lane trips were violations – unpaid trips made without a FasTrak account – down 2% from Q1 2024 and Q2 2023.
- Q2 2024 toll revenue was \$3.9M, up 22% from Q1 2024, and up 9% from Q2 2023. Tolloed trips increased 14% from Q1 2024 and increased 8% from Q2 2023. The average toll paid increased 7% from Q1 2024 and increased 1% from Q2 2023.

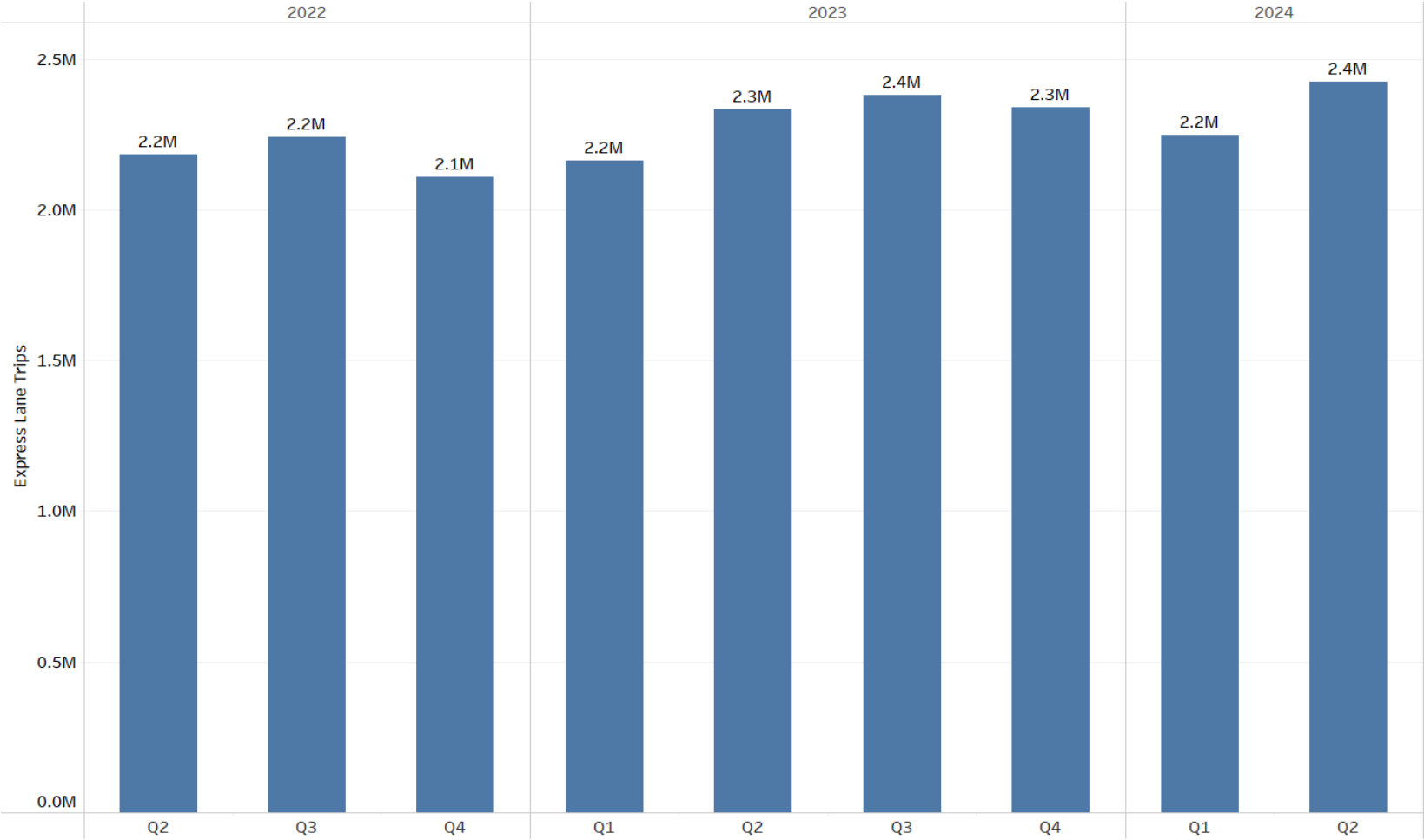
# I-680 Contra Costa Express Lanes – Q2 2024

## Performance Highlights, continued

- Corridor-length northbound travel was slowest between 4:00 p.m. and 5:00 p.m. when express lane speed averaged 66 mph (10 mph faster than the general-purpose lanes) and the average toll paid peaked at \$8.50.
- Corridor-length southbound travel was slowest between 8:00 a.m. and 9:00 a.m. when express lane speed averaged 67 mph (10 mph faster than the general-purpose lanes) and the average toll paid peaked at \$6.90.
- CHP made 1,439 enforcement contacts, of which 42% resulted in citations related to carpool occupancy. Enforcement contacts were up 1.5% and occupancy citations were up 18% compared to Q2 2023.

# I-680 Express Lane Trips

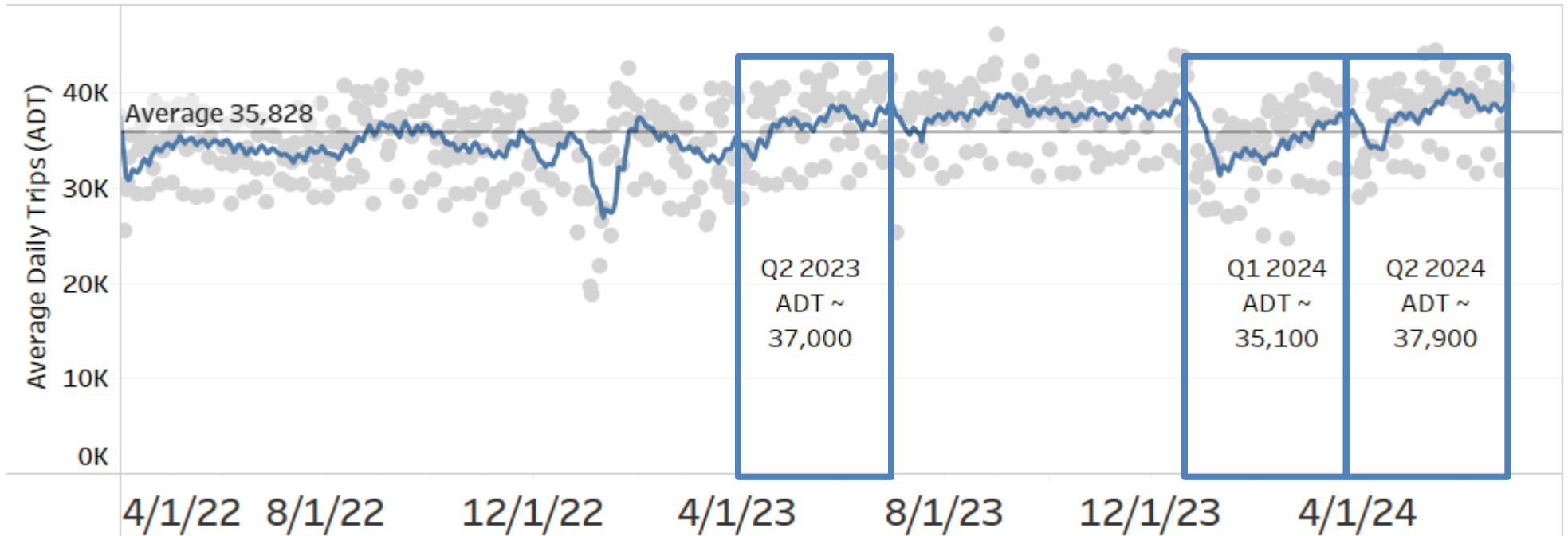
2.4 million express lane trips were made in Q2 2024. Trips were up 8% from the prior quarter (Q1 2024) and up 4% from Q2 2023.



# I-680 Average Daily Express Lane Trips

The Average Daily Trip (ADT) count from April 1, 2022 through June 30, 2024 was 35,828. Q2 2024 ADT was about 37,900, an 8% increase from the prior quarter and a 2% increase from a year ago (Q2 2023).

**Average Daily Trips (ADT) (grey dots) with 10-day Moving Average (blue line)**  
**(Northbound & Southbound)**



# I-680 Express Lanes Trip Type

## Share of Trips:

**Toll-free trips (HOV 2+) = 41%**

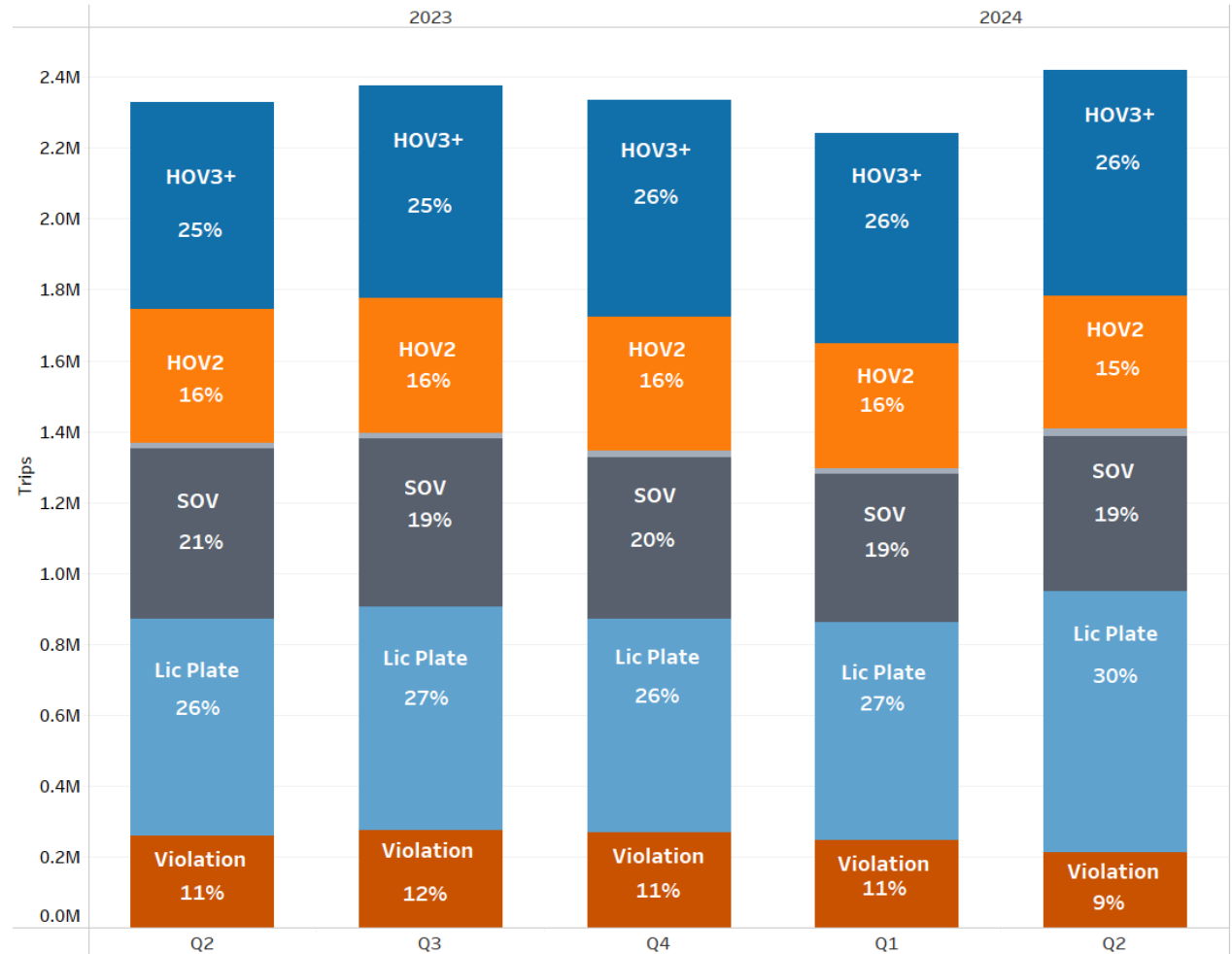
- 1% less than Q1 2024 and the same as Q2 2023

**Tolled trips (full toll + half-toll) = 50%**

- 49% full toll (SOV toll tag + license plate match) + 1% half toll (Clean Air Vehicles)
- Up 3% from Q1 2024
- Up 2% from Q2 2023

**Violation trips = 9%**

- No toll account
- Down 2% from Q1 2024
- Down 2% from Q2 2023

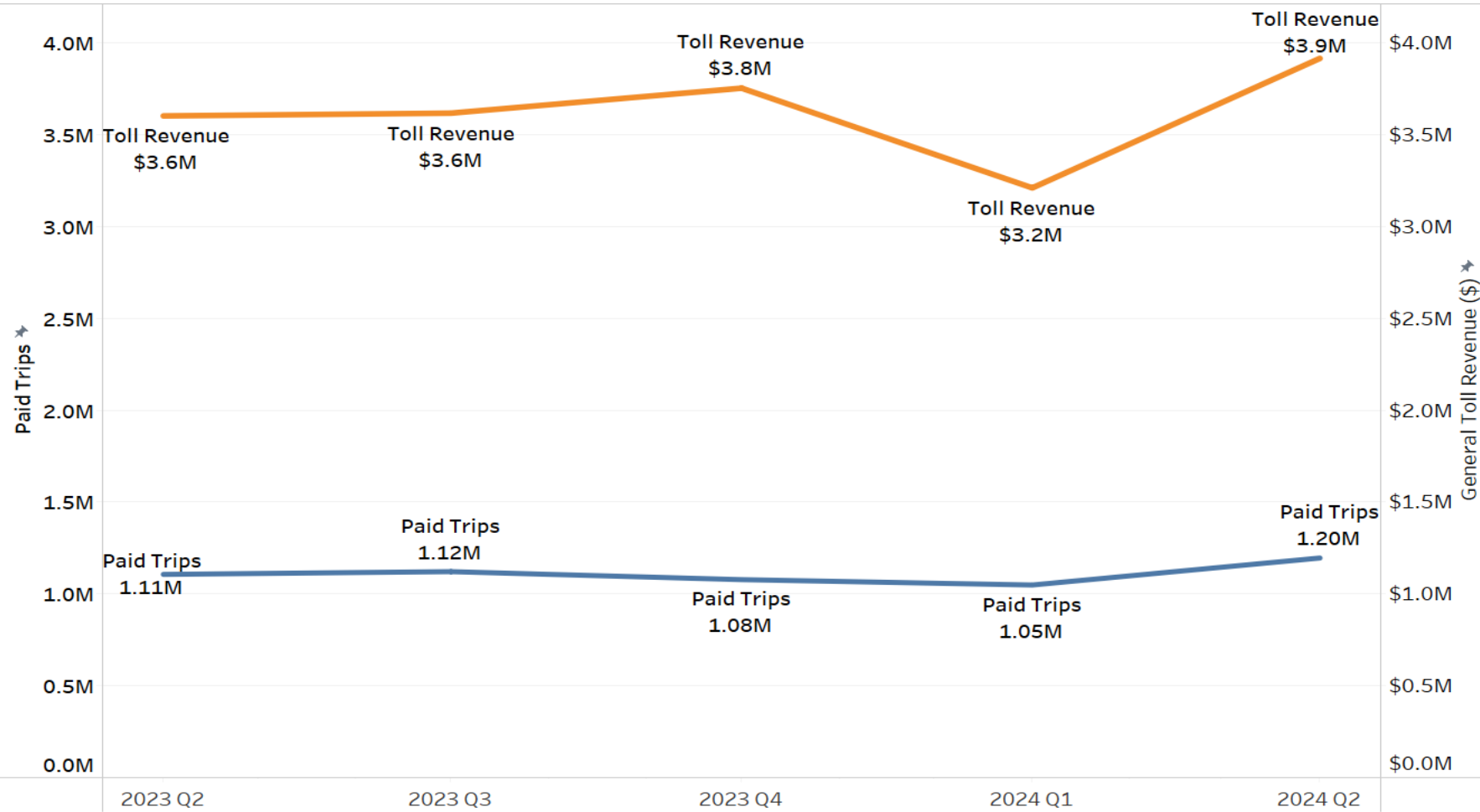


In each quarter, <1% to 1% of trips were made with Clean Air Vehicle Tags set to “1”, represented by the thin grey segments in the above bar chart.



# I-680 Express Lanes General Toll Revenue and Tolled Trips

Q2 2024 Change	Toll Revenue	Tolled Trips	Average Toll Paid
from Prior Quarter (Q1 2024)	Up 22%	Up 14%	Up 7%
Year over Year (Q2 2023)	Up 9%	Up 8%	Up 1%



# I-680 Express Lanes Northbound Peak Traffic and Corridor- Length Speed

## Peak Traffic

Time	3 p.m. – 5 p.m.
Location	Approaching El Cerro Blvd
Express Lane Speed	67 mph
GP Lane Speed	57 mph
Speed Differential	10 mph
Express Lane Volume	894 vehicles
GP Lane Volume	1,308 vehicles

## Corridor-Length Slowest Travel

Time	4 p.m. – 5 p.m.
Express Lane Speed	66 mph
GP Lane Speed	56 mph
Speed Differential	10 mph

# I-680 Express Lanes Southbound Peak Traffic and Corridor- Length Speed

## Peak Traffic

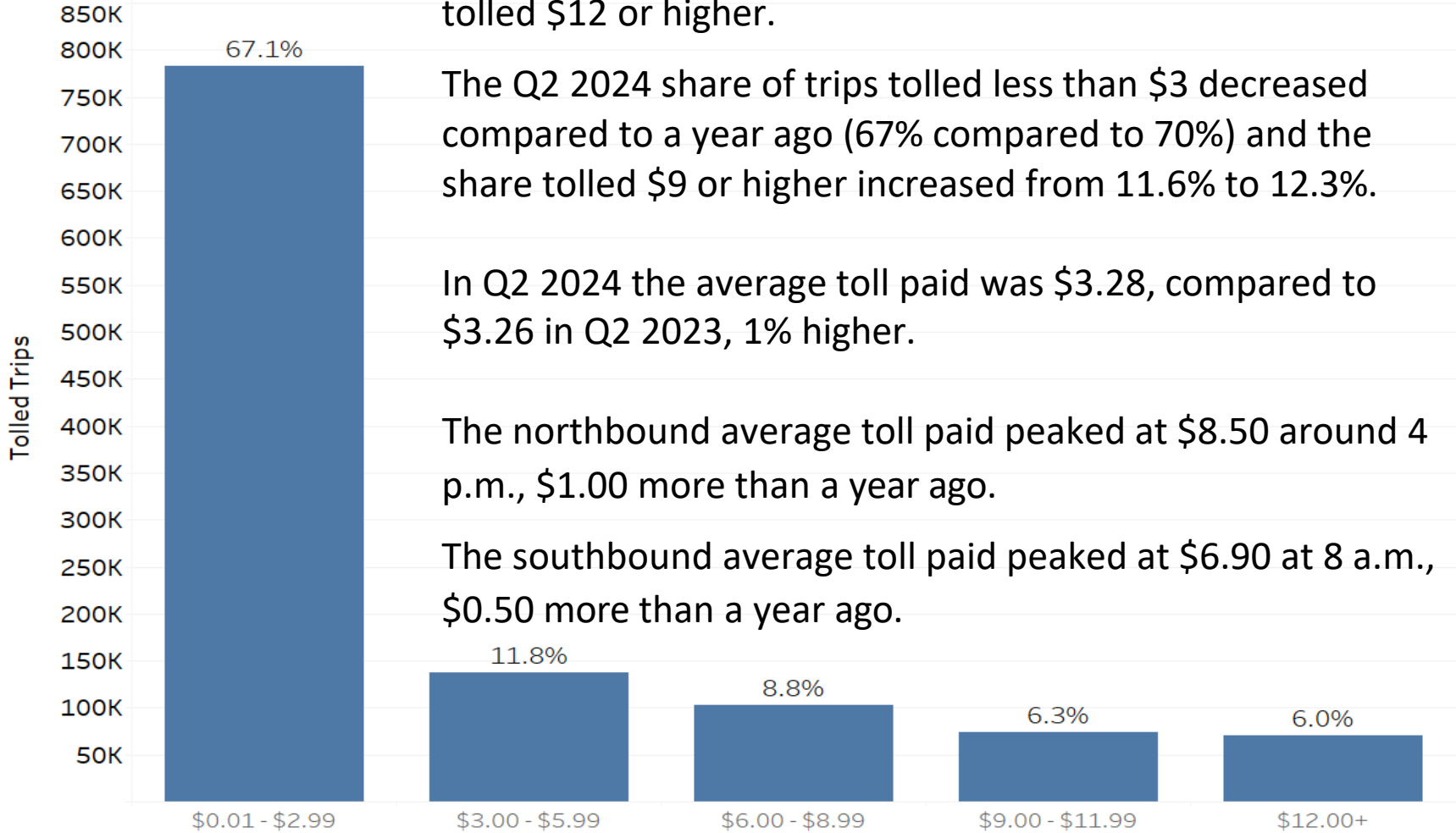
Time	7 a.m. - 9 a.m.
Location	Approaching Treat Blvd
Express Lane Speed	68 mph
GP Lane Speed	58 mph
Speed Differential	10 mph
Express Lane Volume	580 vehicles
GP Lane Volume	1,272 vehicles

## Corridor-Length Slowest Travel

Time	8 a.m. – 9 a.m.
Express Lane Speed	67 mph
GP Lane Speed	57 mph
Speed Differential	10 mph

# I-680 Express Lanes Tolls

Drivers made 1,195,179 tolled express lane trips in the quarter, up 8% from a year ago (Q2 2023). About 67% of these trips were tolled less than \$3 while about 6% were tolled \$12 or higher.



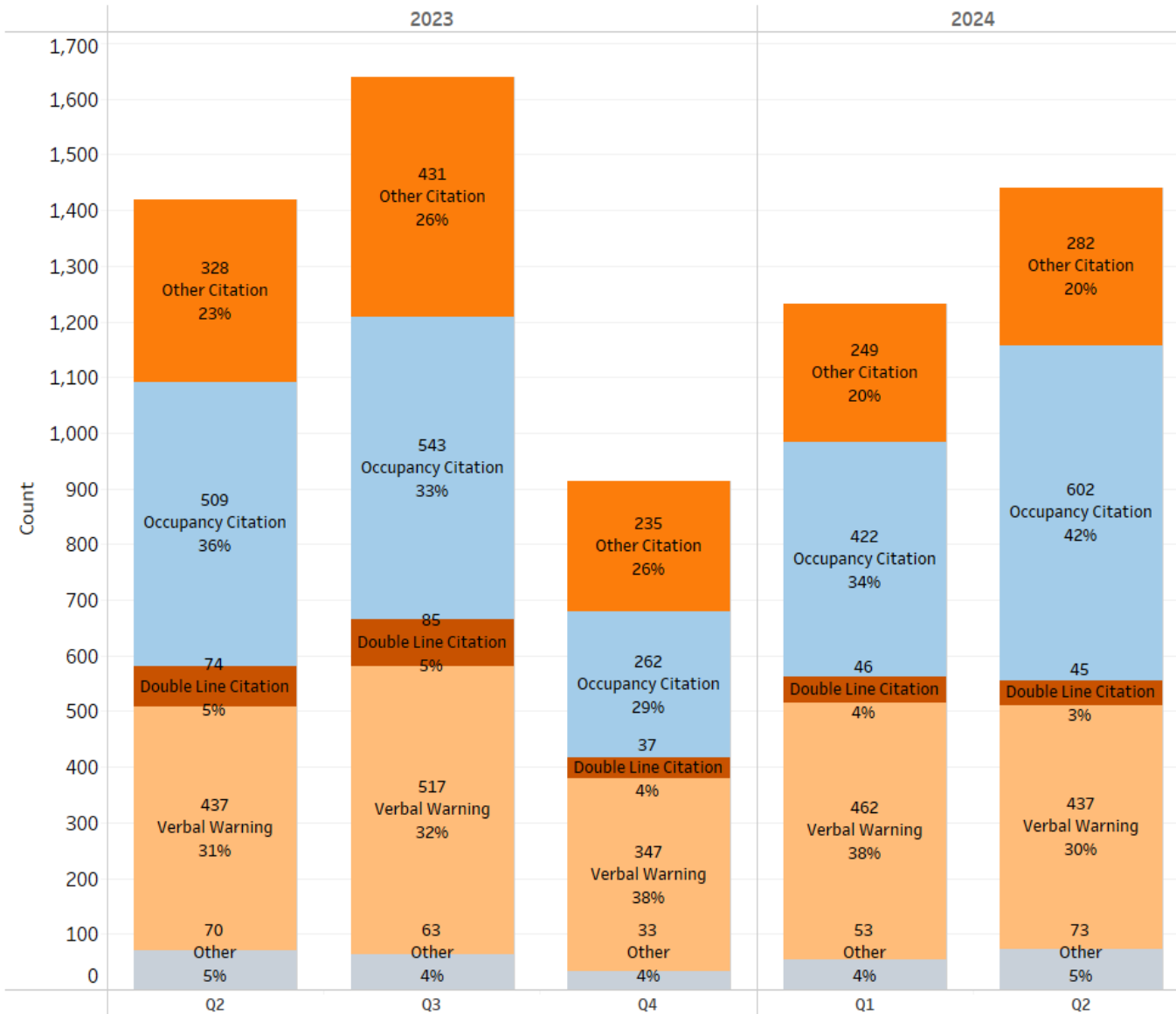
The Q2 2024 share of trips tolled less than \$3 decreased compared to a year ago (67% compared to 70%) and the share tolled \$9 or higher increased from 11.6% to 12.3%.

In Q2 2024 the average toll paid was \$3.28, compared to \$3.26 in Q2 2023, 1% higher.

The northbound average toll paid peaked at \$8.50 around 4 p.m., \$1.00 more than a year ago.

The southbound average toll paid peaked at \$6.90 at 8 a.m., \$0.50 more than a year ago.

# I-680 Express Lanes CHP Enforcement



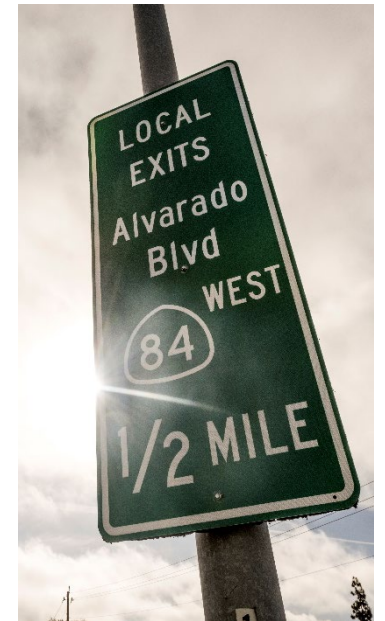
CHP provided 1,224 enforcement hours in the quarter, filling 95% of requested hours and resulting in 1,439 enforcement contacts.

42% of Q2 2024 contacts were related to carpool occupancy violations.

The average cost to BAIFA per enforcement contact was \$125.



# I-880 Express Lanes

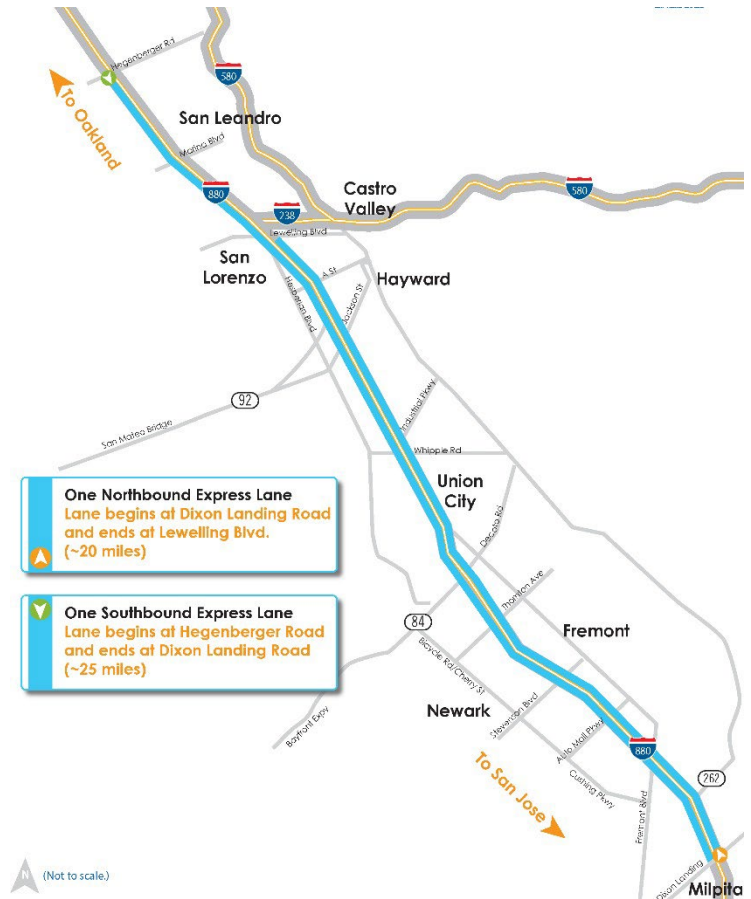


Bay Area Infrastructure Financing Authority Network and Operations Committee  
October 11, 2024

# I-880 Express Lanes Policies

- Tolling Hours are 5 a.m. to 8 p.m. Monday – Friday.
- All drivers must have a FasTrak® account to avoid penalties.
  - Solo drivers can carry a standard FasTrak tag\* or a FasTrak Flex® tag set to 1 or pay tolls via license plate.
  - Carpools (3+) travel toll-free with FasTrak Flex toll tags set to 3+.
  - Carpools (2) pay half-price tolls with FasTrak Flex toll tags set to 2.
  - Motorcycles travel toll-free with FasTrak Flex toll tags set to 3+.
  - Solo-drivers in eligible clean-air vehicles (CAV) pay half-price tolls with FasTrak CAV toll tags set to 1.

\*Standard FasTrak tags do not have a switch and were issued prior to January 2020.



Carpools		All Drivers	
Must Have FasTrak Flex*		Must Have FasTrak*	
 <b>FREE</b>	 <b>HALF TOLL</b>	 <b>HALF TOLL</b>	 <b>FULL TOLL</b>
<b>Motorcycles are FREE with FasTrak Flex toll tag set to 3+.</b>		<b>Clean Air Vehicles pay half-price tolls with FasTrak CAV toll tag.</b>	

# I-880 Express Lanes – Q2 2024 Performance Highlights

- 4.5 million express lane trips were made in Q2 2024. The Average Daily Trip count (ADT) of 69,600 was up 7% from the prior quarter (Q1 2024) and up 5% from a year ago (Q2 2023).
- The share of toll-free HOV 3+ trips was 43%, down 1% from Q1 2024 and up 3% from Q2 2023. The share of half-price HOV 2 trips was 6%, down 1% from the prior quarter (Q1 2024) and last year (Q2 2023).
- 10% of express lane trips were violations - trips made without a FasTrak account. The share was down 2% from the prior quarter (Q1 2024) and 2% from the prior year (Q2 2023).
- Quarterly toll revenue was up 29% from the last quarter and up 9% from a year ago (Q2 2023). Tolloed trips were up 10% and 4% from Q1 2024 and Q2 2023, respectively. The average toll paid was up 17% from Q1 2024 and up 5% from Q2 2023.

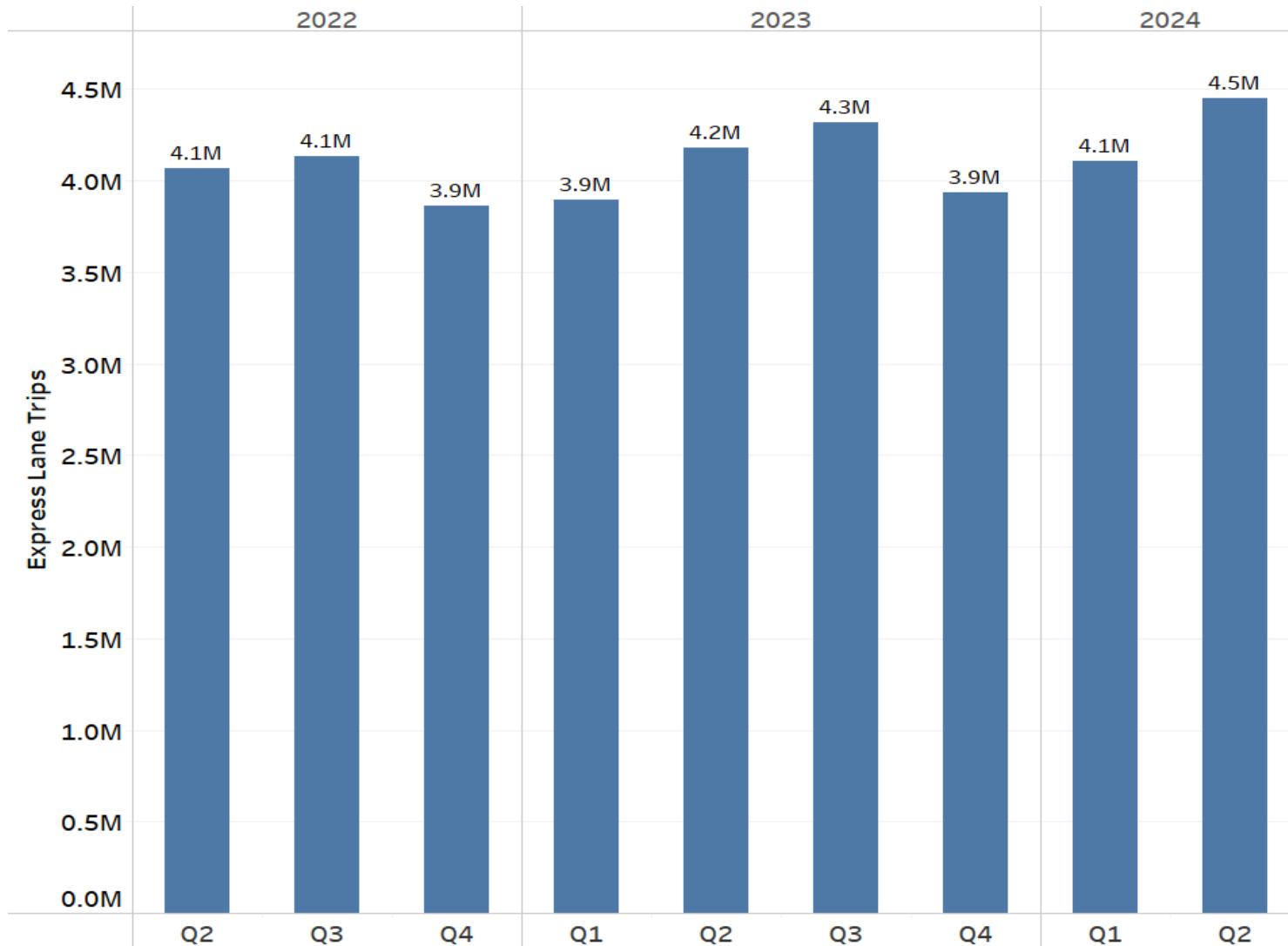
The goal of express lanes is to maximize lane use while keeping traffic moving to encourage carpooling and transit ridership.

## I-880 Express Lanes – Q2 2024 Performance Highlights, continued

- Corridor-length northbound travel was slowest between 5 p.m. and 6 p.m. when express lane speed averaged 49 mph (15 mph faster than the general-purpose lanes). The northbound average toll paid peaked at \$14.90 around 4 p.m.
- Corridor-length southbound travel was slowest between 8 a.m. and 9 a.m. when express lane speed averaged 58 mph (14 mph faster than the general-purpose lanes). The southbound average toll paid peaked at \$11.90 around 7 a.m.
- CHP spent 2,390 hours patrolling the I-880 express lanes, resulting in 2,541 enforcement contacts. Of those, 16% resulted in citations for crossing double white lines and 36% in citations related to carpool occupancy.

# I-880 Express Lane Trips

4.5 million express lane trips were made in Q2 2024. Trips were up 8% from the prior quarter (Q1 2024) and up 7% from a year ago (Q2 2023).

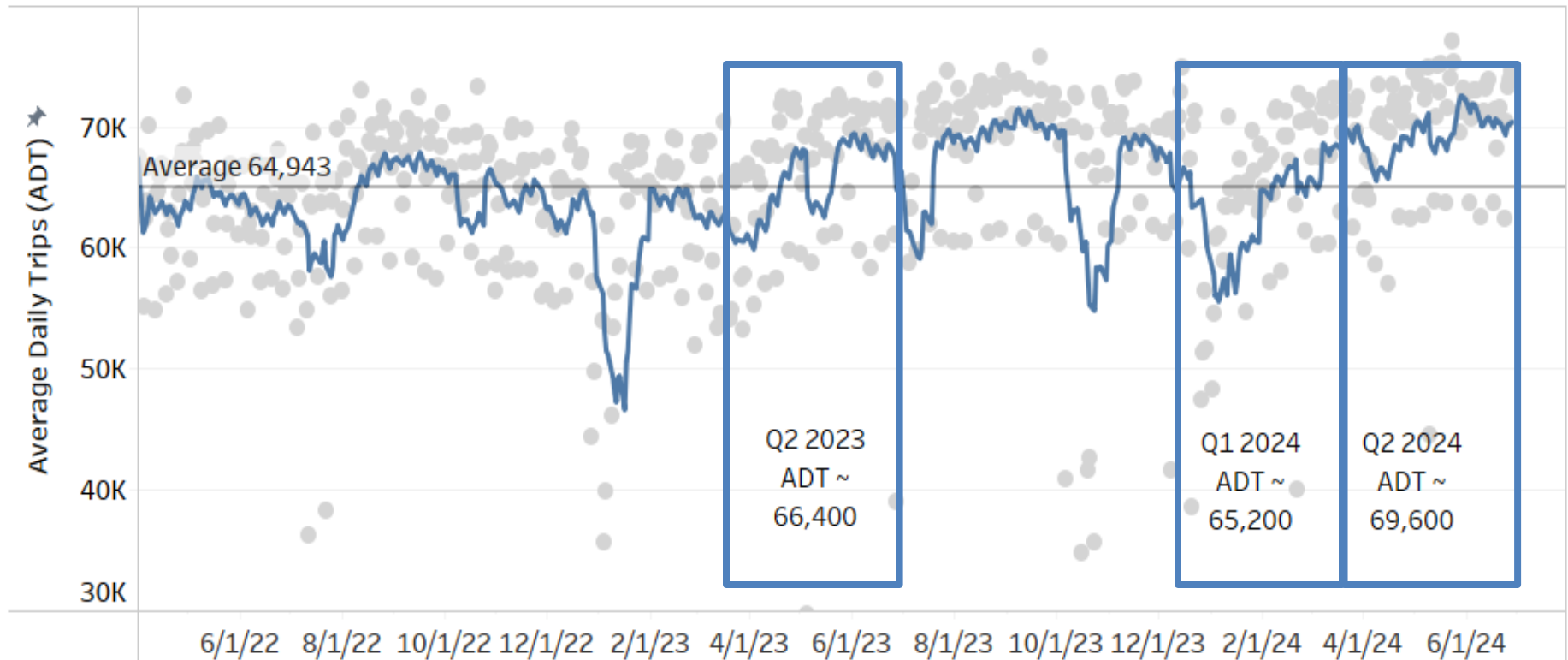




# I-880 Express Lane Average Daily Express Lane Trips

The Average Daily Trip (ADT) count from April 1, 2022 through June 30, 2024 was 64,943. Q2 2024 ADT was about 69,600, a 7% increase from the prior quarter and a 5% increase from a year ago (Q2 2023).

Average Daily Trips (ADT) (grey dots) with 10-day Moving Average (blue line) (Northbound & Southbound)



# I-880 Express Lane Trip Type

## Share of Trips:

### Toll-free trips (HOV 3+) = 43%

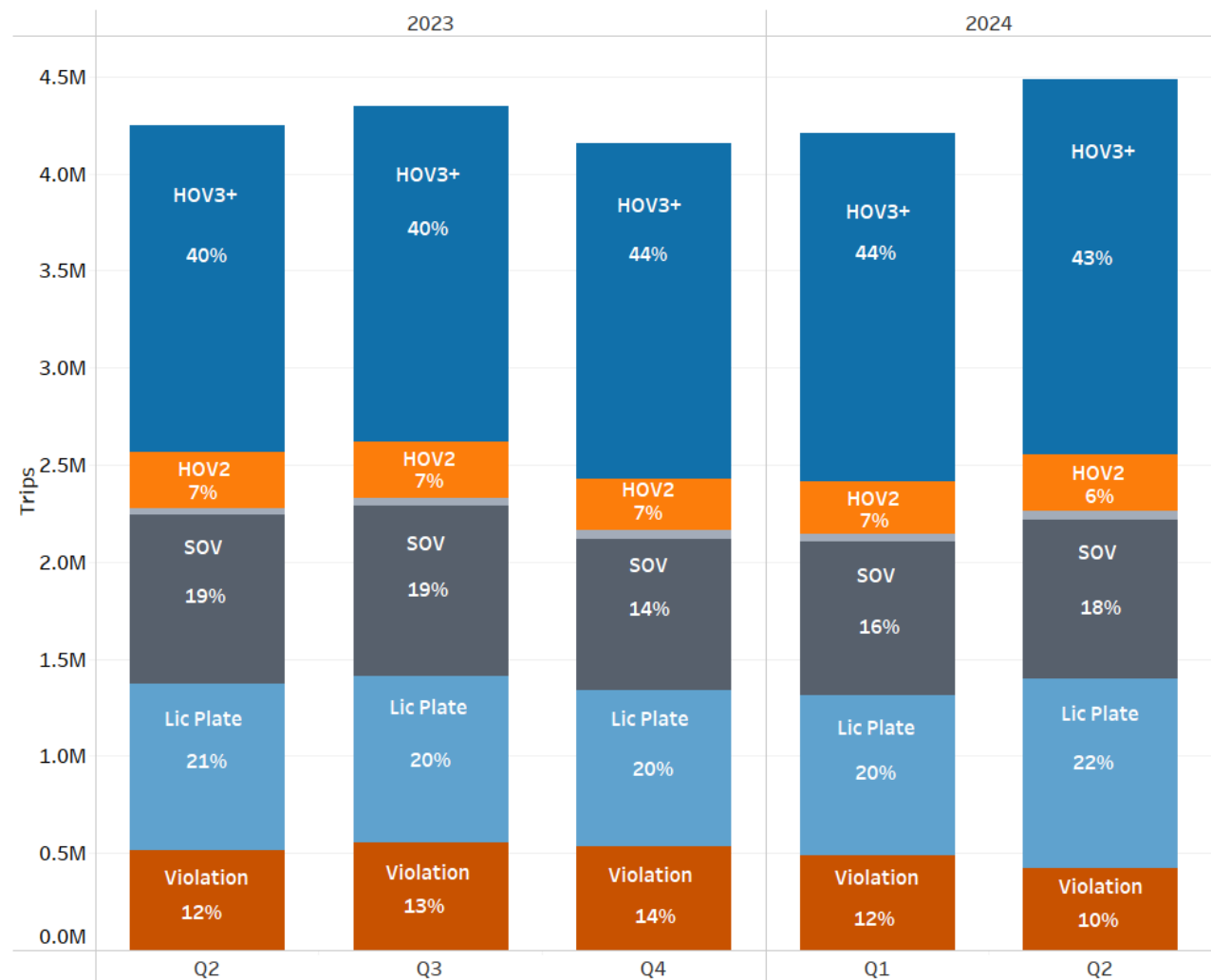
- Down 1% from Q1 2024 and up 3% from Q2 2023

### Tolled trips (full toll + half-toll) = 47%

- 40% full toll (SOV toll tag + license plate match)
- Full toll share up 4% from last quarter and the same as Q2 2023
- 7% half toll (HOV 2 + CAV (Clean Air Vehicle))
- Half toll share down 1% from a year ago and last quarter

### Violation trips = 10%

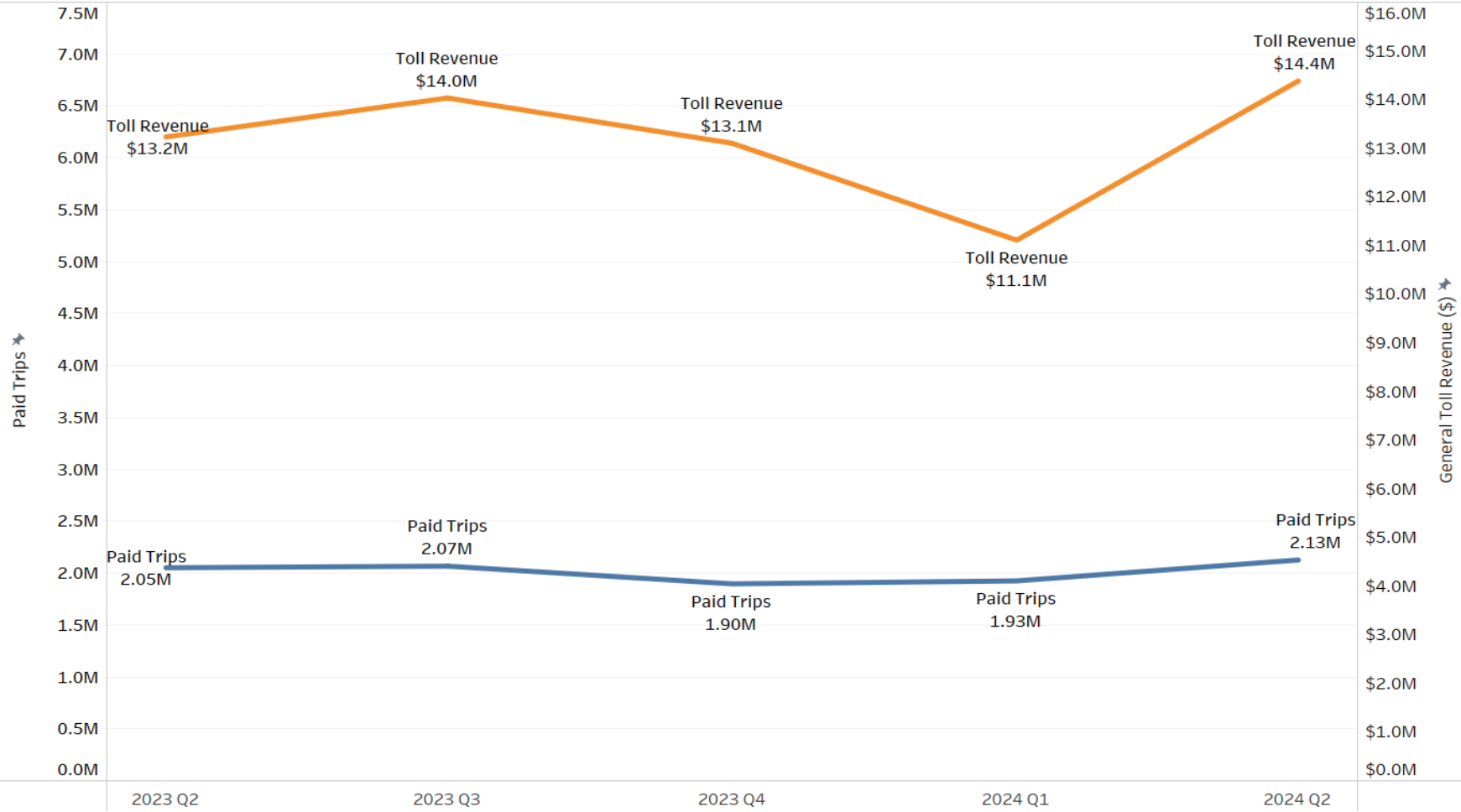
- No toll account
- Down 2% from a year ago and down 2% from last quarter



In each quarter, 1% of trips were made with Clean Air Vehicle Tags set to "1", represented by the thin grey segments in the above bar chart.

# I-880 Express Lane General Toll Revenue and Tolled Trips

Q2 2024 Change	Toll Revenue	Tolled Trips	Average Toll Paid
from Prior Quarter (Q1 2024)	Up 29%	Up 10%	Up 17%
Year over Year (Q2 2023)	Up 9%	Up 4%	Up 5%



# I-880 Express Lane Northbound Peak Traffic and Corridor- Length Speed

## Peak Traffic

Time	3 p.m. - 6 p.m.
Location	Around Whipple Rd.
Express Lane Speed	50 mph
GP Lane Speed	35 mph
Speed Differential	15 mph
Express Lane Volume	1,217 vehicles
GP Lane Volume	1,226 vehicles

## Corridor Length Slowest Travel

Time	5 p.m. - 6 p.m.
Express Lane Speed	49 mph
GP Lane Speed	34 mph
Speed Differential	15 mph

# I-880 Express Lane Southbound: Peak Traffic and Corridor-Length Speed

## Peak Traffic

Time	7 a.m. – 9 a.m.
Location	Approaching Thornton Ave.
Express Lane Speed	59 mph
GP Lane Speed	45 mph
Speed Differential	14 mph
Express Lane Volume	1,070 vehicles
GP Lane Volume	1,236 vehicles

## Corridor Length Slowest Travel

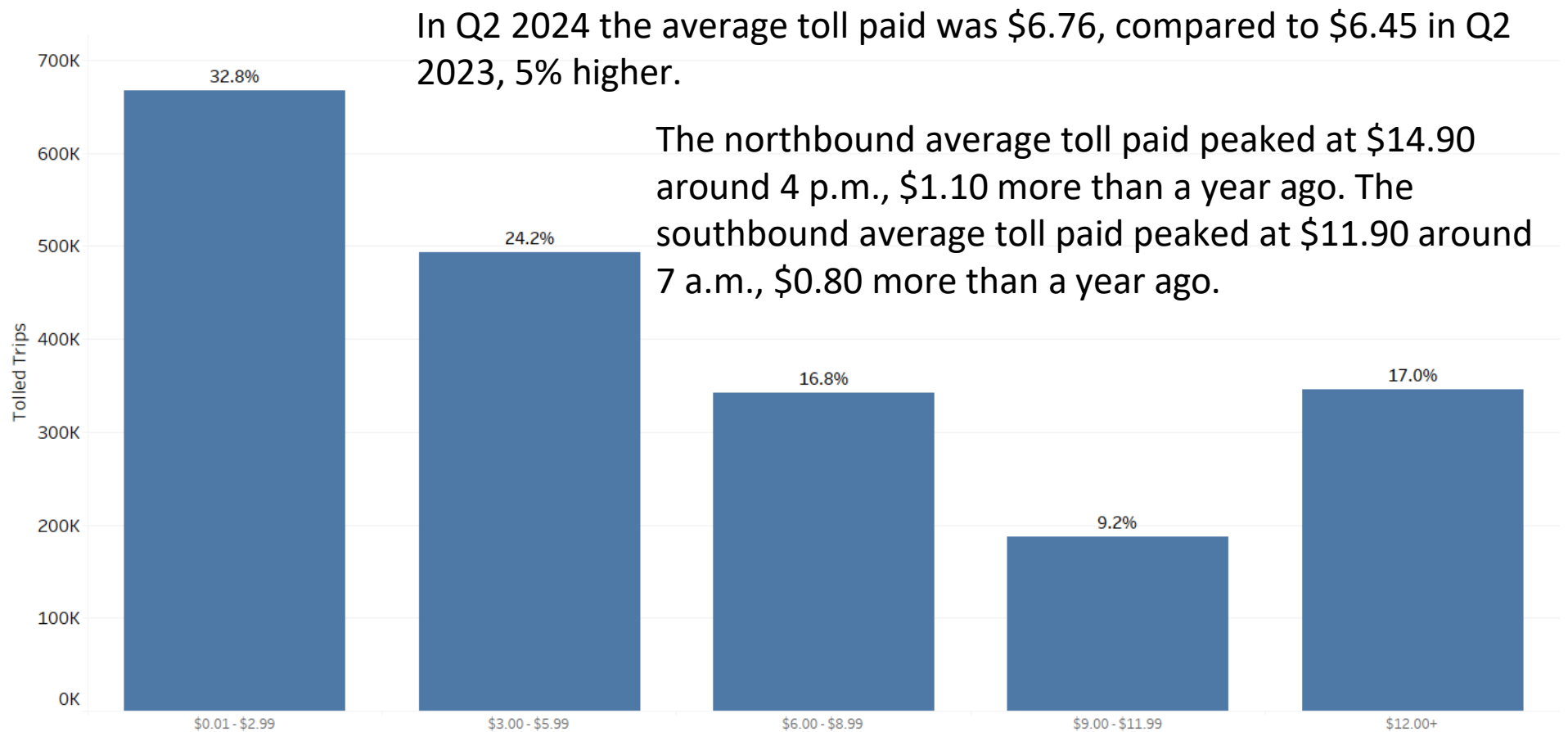
Time	8 a.m. – 9 a.m.
Express Lane Speed	58 mph
GP Lane Speed	44 mph
Speed Differential	14 mph



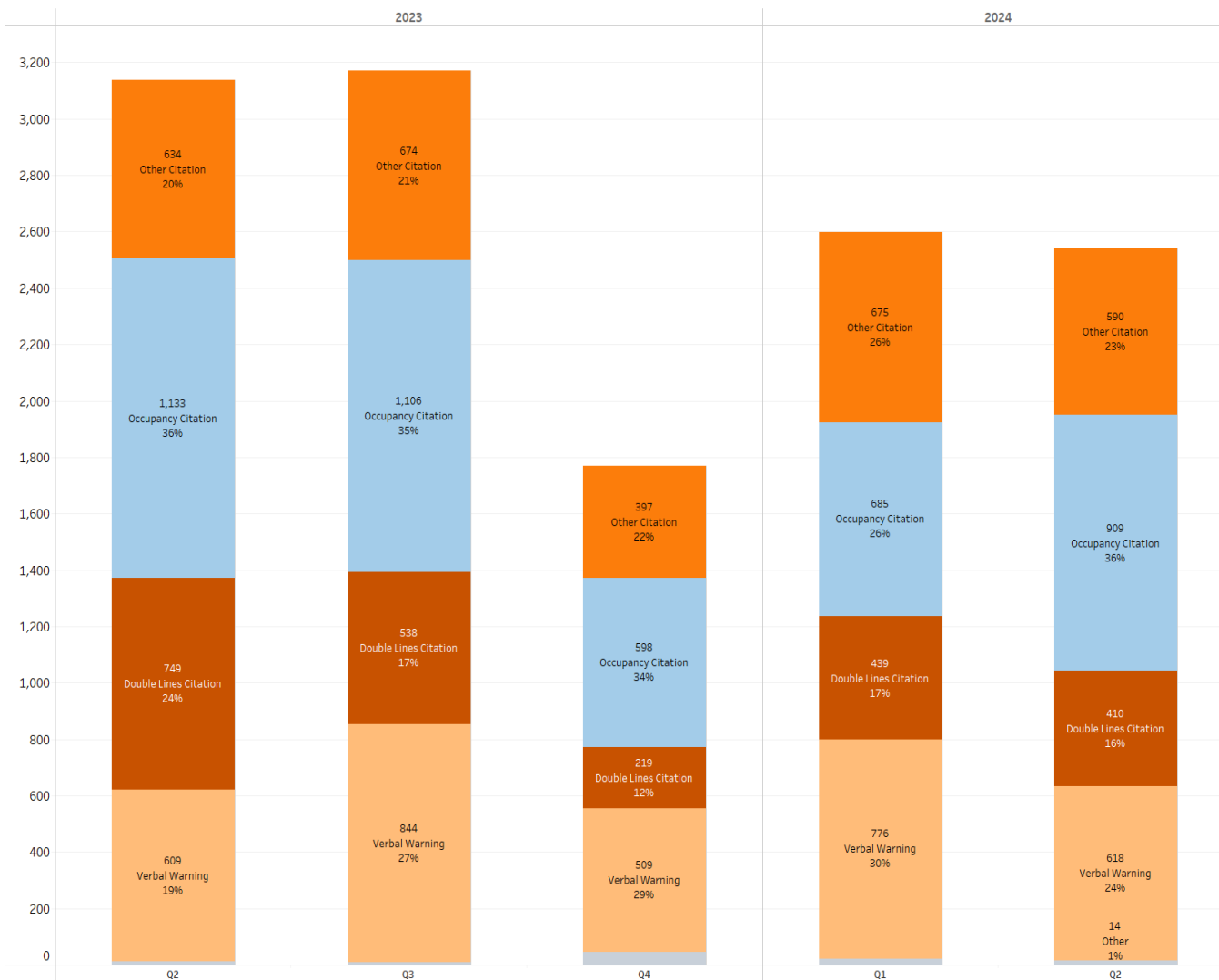
# I-880 Express Lane Tolls

Drivers made 2,126,736 tolled express lane trips in the quarter, up 4% from a year ago (Q2 2023). Around 33% of these trips incurred a toll less than \$3 and 17% were for tolls \$12 or higher.

The share of trips tolled less than \$3 decreased from a year ago (36.5% compared to 33%) and the share tolled trips \$12 or higher increased from 15.1% to 17%.



# I-880 Express Lanes CHP Enforcement



CHP provided 2,390 enforcement hours in the quarter, filling 94% of requested hours and resulting in 2,541 enforcement contacts.

Per MTC request, CHP officers spend more time stationed in the observation areas instead of roaming the corridor, acting as a deterrent but resulting in fewer enforcement contacts.

The average cost to BAIFA per enforcement contact was \$136. 36% of Q2 2024 enforcement contacts were related to carpool occupancy violations.

# Appendix A: Select Chart Data – I-680 Express Lanes

## Quarterly Express Lane Trips and Quarter-to-Quarter Percentage Change

Quarter	Year	Express Lane Trips	% Change
Q2	2022	2,184,416	6%
Q3	2022	2,242,421	3%
Q4	2022	2,106,882	-6%
Q1	2023	2,164,166	3%
Q2	2023	2,331,921	8%
Q3	2023	2,381,431	2%
Q4	2023	2,339,130	-2%
Q1	2024	2,246,597	-4%
Q2	2024	2,425,050	8%

### Express Lane Trips - Payment Type Share

	2023	2023	2023	2024	2024
Blank	Q2	Q3	Q4	Q1	Q2
Blank	25%	25%	26%	26%	26%
HOV3+	16%	16%	16%	16%	15%
HOV2	1%	1%	1%	1%	1%
CAV	21%	19%	20%	19%	19%
SOV-Tag	26%	27%	26%	27%	30%
LP Read	11%	12%	11%	11%	9%
Violations					

# Appendix A, continued

## Toll Revenue and Tolled Trips

Year & Quarter	Revenue	Tolled Trips
2023 Q2	\$3,602,136	1,106,169
2023 Q3	\$3,617,308	1,121,047
2023 Q4	\$3,753,215	1,077,534
2024 Q1	\$3,210,361	1,048,336
2024 Q2	\$3,915,316	1,195,179

## Toll Distribution

Toll	\$0.01 - \$2.99	\$3.00 - \$5.99	\$6.00 - \$8.99	\$9.00 - \$11.99	\$12.00+
% Tolled Trips	67.1%	11.8%	8.8%	6.3%	6.0%

# Appendix A, continued, 2

## CHP Enforcement

Year	Quarter	Enforcement Type	Quarterly Share	Count
2023	Q2	Other Citation	23%	328
2023	Q2	Occupancy Citation	36%	509
2023	Q2	Double Line Citation	5%	74
2023	Q2	Verbal Warning	31%	437
2023	Q2	Other	5%	70
2023	Q3	Other Citation	26%	431
2023	Q3	Occupancy Citation	33%	543
2023	Q3	Double Line Citation	5%	85
2023	Q3	Verbal Warning	32%	517
2023	Q3	Other	4%	63
2023	Q4	Other Citation	26%	235
2023	Q4	Occupancy Citation	29%	262
2023	Q4	Double Line Citation	4%	37
2023	Q4	Verbal Warning	38%	347
2023	Q4	Other	4%	33

# Appendix A, continued, 3

## CHP Enforcement

Year	Quarter	Enforcement Type	Quarterly Share	Count
2024	Q1	Other Citation	20%	249
2024	Q1	Occupancy Citation	34%	422
2024	Q1	Double Line Citation	4%	46
2024	Q1	Verbal Warning	38%	462
2024	Q1	Other	4%	53
2024	Q2	Other Citation	20%	282
2024	Q2	Occupancy Citation	42%	602
2024	Q2	Double Line Citation	3%	45
2024	Q2	Verbal Warning	30%	437
2024	Q2	Other	5%	73

# Appendix B: Select Chart Data – I-880 Express Lanes

## Quarterly Express Lane Trips and Percentage Change

Quarter	Year	Express Lane Trips	% Change
Q2	2022	4,069,538	11%
Q3	2022	4,130,247	1%
Q4	2022	3,863,600	-6%
Q1	2023	3,892,636	0.75%
Q2	2023	4,181,145	7%
Q3	2023	4,320,592	3%
Q4	2023	3,936,751	-9%
Q1	2024	4,106,189	4%
Q2	2024	4,451,587	8%

Express Lane Trips - Payment Type Share

	2023	2023	2023	2024	2024
Blank	Q2	Q3	Q4	Q1	Q2
Blank	40%	40%	44%	44%	43%
HOV3+	7%	7%	7%	7%	6%
HOV2	1%	1%	1%	1%	1%
CAV	19%	19%	14%	16%	18%
SOV-Tag	21%	20%	20%	20%	22%
LP Read	12%	13%	14%	12%	10%
Violations					



# Appendix B, continued

## Toll Revenue and Tolled Trips

Year & Quarter	Revenue	Tolled Trips
2023 Q2	\$13,231,062	2,052,109
2023 Q3	\$14,030,802	2,067,341
2023 Q4	\$13,100,757	1,896,870
2024 Q1	\$11,109,532	1,925,508
2024 Q2	\$14,379,746	2,126,736

## Toll Distribution

Toll	\$0.01 - \$2.99	\$3.00 - \$5.99	\$6.00 - \$8.99	\$9.00 - \$11.99	\$12.00+
% Tolled Trips	36.5%	24.6%	17.2%	6.5%	15.1%

# Appendix B, continued, 2

## CHP Enforcement

Year	Quarter	Enforcement Type	Quarterly Share	Count
2023	Q2	Double Lines Citation	24%	749
2023	Q2	Occupancy Citation	36%	1,133
2023	Q2	Other	0.4%	13
2023	Q2	Other Citation	20%	634
2023	Q2	Verbal Warning	19%	609
2023	Q3	Double Lines Citation	17%	538
2023	Q3	Occupancy Citation	35%	1,106
2023	Q3	Other	0.3%	10
2023	Q3	Other Citation	21%	674
2023	Q3	Verbal Warning	27%	844
2023	Q4	Double Lines Citation	12%	219
2023	Q4	Occupancy Citation	34%	598
2023	Q4	Other	3%	45
2023	Q4	Other Citation	22%	397
2023	Q4	Verbal Warning	29%	509

## Appendix B, continued, 3

### CHP Enforcement, continued

2024	Q1	Double Lines Citation	17%	439
2024	Q1	Occupancy Citation	26%	685
2024	Q1	Other	1%	22
2024	Q1	Other Citation	26%	675
2024	Q1	Verbal Warning	30%	776
2024	Q2	Double Lines Citation	16%	410
2024	Q2	Occupancy Citation	36%	909
2024	Q2	Other	1%	14
2024	Q2	Other Citation	23%	590
2024	Q2	Verbal Warning	24%	618

For more information, visit [expresslanes.511.org](https://expresslanes.511.org) or [MTC's express lanes page](https://mtc.ca.gov/operations/traveler-services/bay-area-express-lanes) (https://mtc.ca.gov/operations/traveler-services/bay-area-express-lanes)

