

# BAIFA Express Lanes Operations Report 3rd Quarter 2024: July - September

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



Bay Area Infrastructure Financing Authority Network and Operations Committee  
February 14, 2025

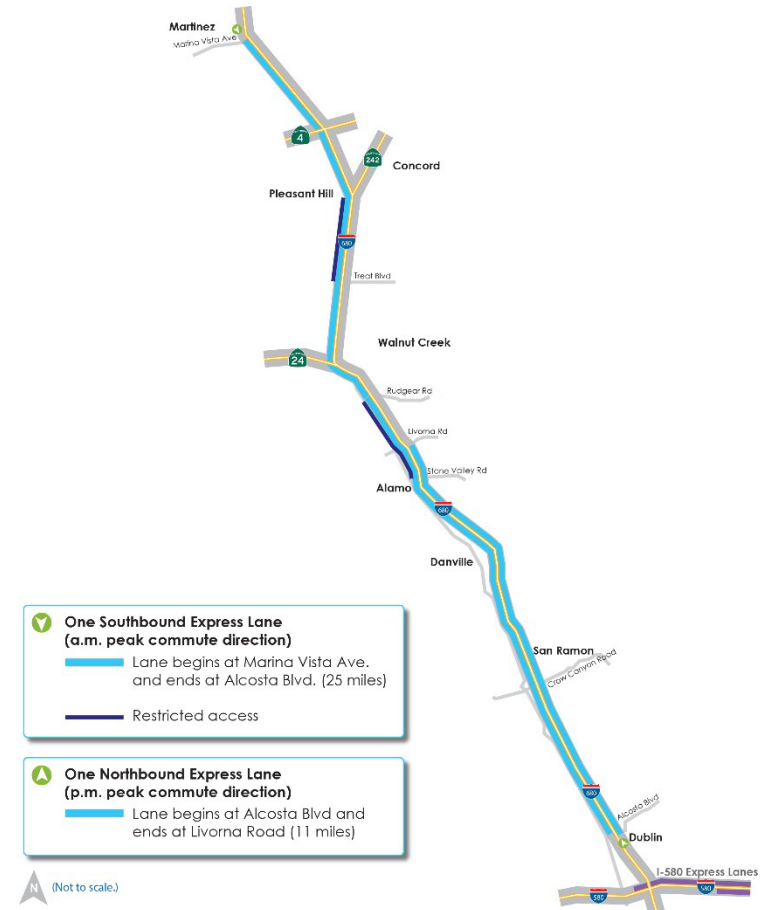
# I-680 Contra Costa Express Lanes



# 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 in a carpool of 2+ people pays a HALF TOLL. A FasTrak Flex tag with a car icon and 'CAV' is shown. A solo driver in a carpool of 1 person pays a FULL TOLL. A FasTrak tag with a car icon and '1' 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 – Q3 2024 Highlights

- 2.5 million express lane trips were made in Q3 2024. The Average Daily Trip count (ADT) and total trips increased 2% from the prior quarter (Q2 2024). Compared to a year ago (Q3 2023), total trips increased 4% and ADT increased by 2%.

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

- The share of toll-free HOV 2+ trips was 41%, the same as Q2 2024 and the same as Q3 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 – same as Q2 2024 and down 3% from Q3 2023.
- Q3 2024 toll revenue was \$4.0M, up 3% from Q2 2024, and up 11% from Q3 2023. Tolloed trips increased 3% from Q2 2024 and increased 10% from Q3 2023. The average toll paid decreased 1% from Q2 2024 and increased 1% from Q3 2023.

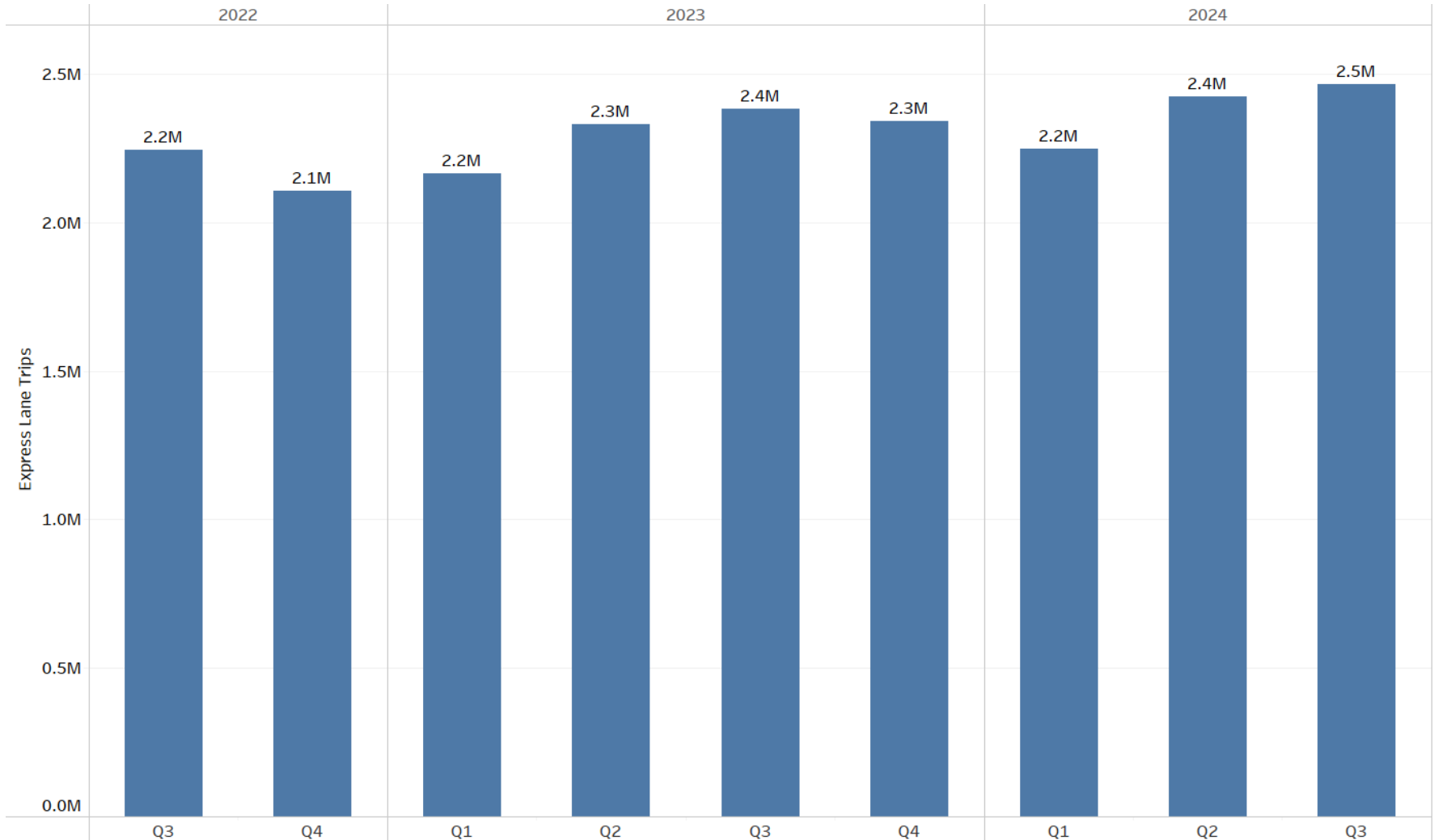
# I-680 Contra Costa Express Lanes – Q3 2024

## Performance Highlights, continued

- Corridor-length northbound travel was slowest between 4:00 p.m. and 5:00 p.m. when express lane speed averaged 65 mph (9 mph faster than the general-purpose lanes) and the average toll paid peaked at \$8.70.
- Corridor-length southbound travel was slowest between 8:00 a.m. and 9:00 a.m. when express lane speed averaged 67 mph (11 mph faster than the general-purpose lanes) and the average toll paid peaked at \$6.90.
- CHP made 1,504 enforcement contacts, of which 42% resulted in citations related to carpool occupancy. Enforcement contacts were down 8.2% but occupancy citations were up 15% compared to Q3 2023.

# I-680 Express Lane Trips

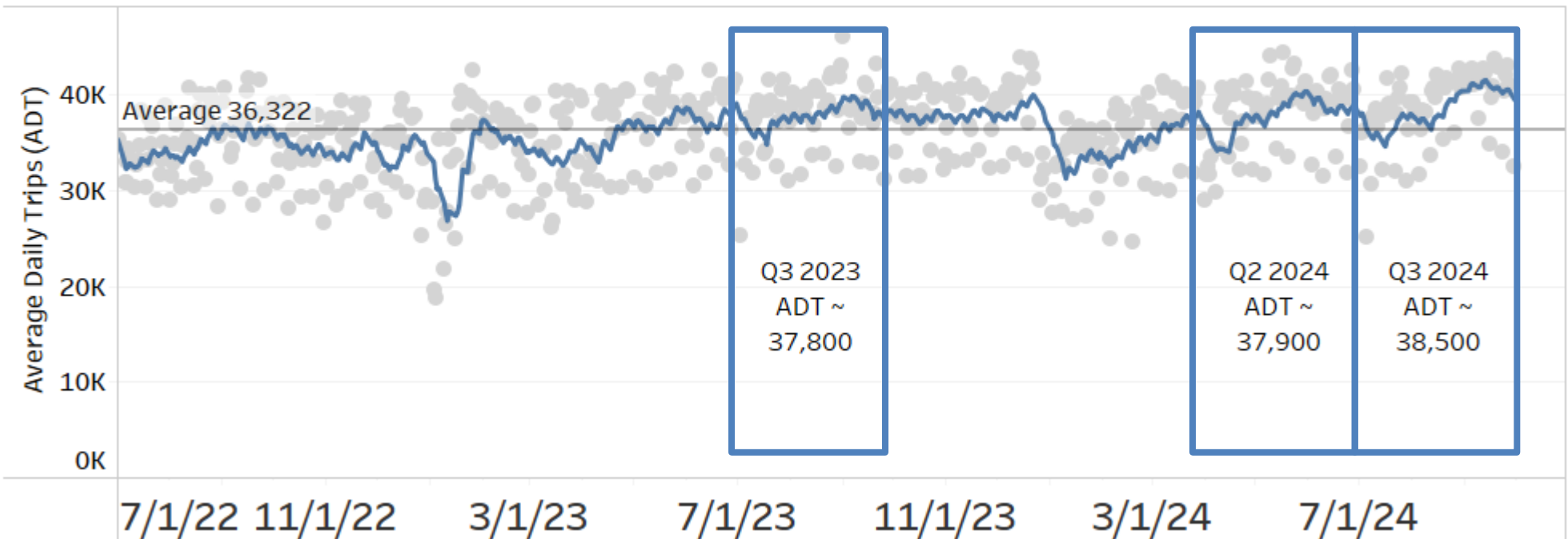
2.5 million express lane trips were made in Q3 2024. Trips were up 2% from the prior quarter (Q2 2024) and up 4% from Q3 2023.



# I-680 Average Daily Express Lane Trips

The Average Daily Trip (ADT) count from July 1, 2022 through September 30, 2024 was 36,322. Q3 2024 ADT was about 38,500, a 2% increase from the prior quarter and a 2% increase from a year ago (Q3 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%**

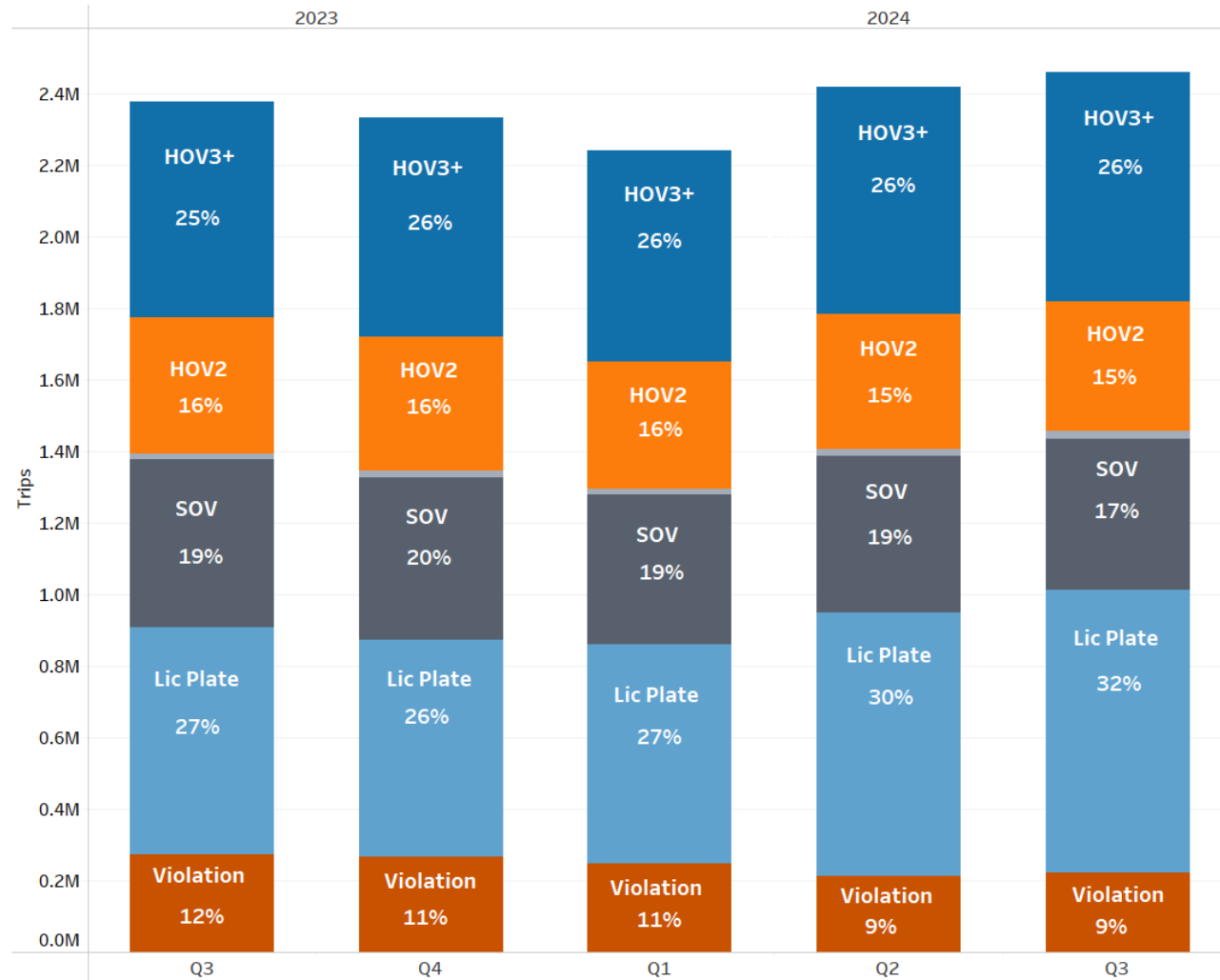
- Same as Q2 2024 and the same as Q2 2023

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

- 49% full toll (SOV toll tag + license plate match) + 1% half toll (Clean Air Vehicles)
- Same as Q2 2024
- Up 3% from Q3 2023

**Violation trips = 9%**

- No toll account
- Same as Q2 2024
- Down 3% from Q2 2023

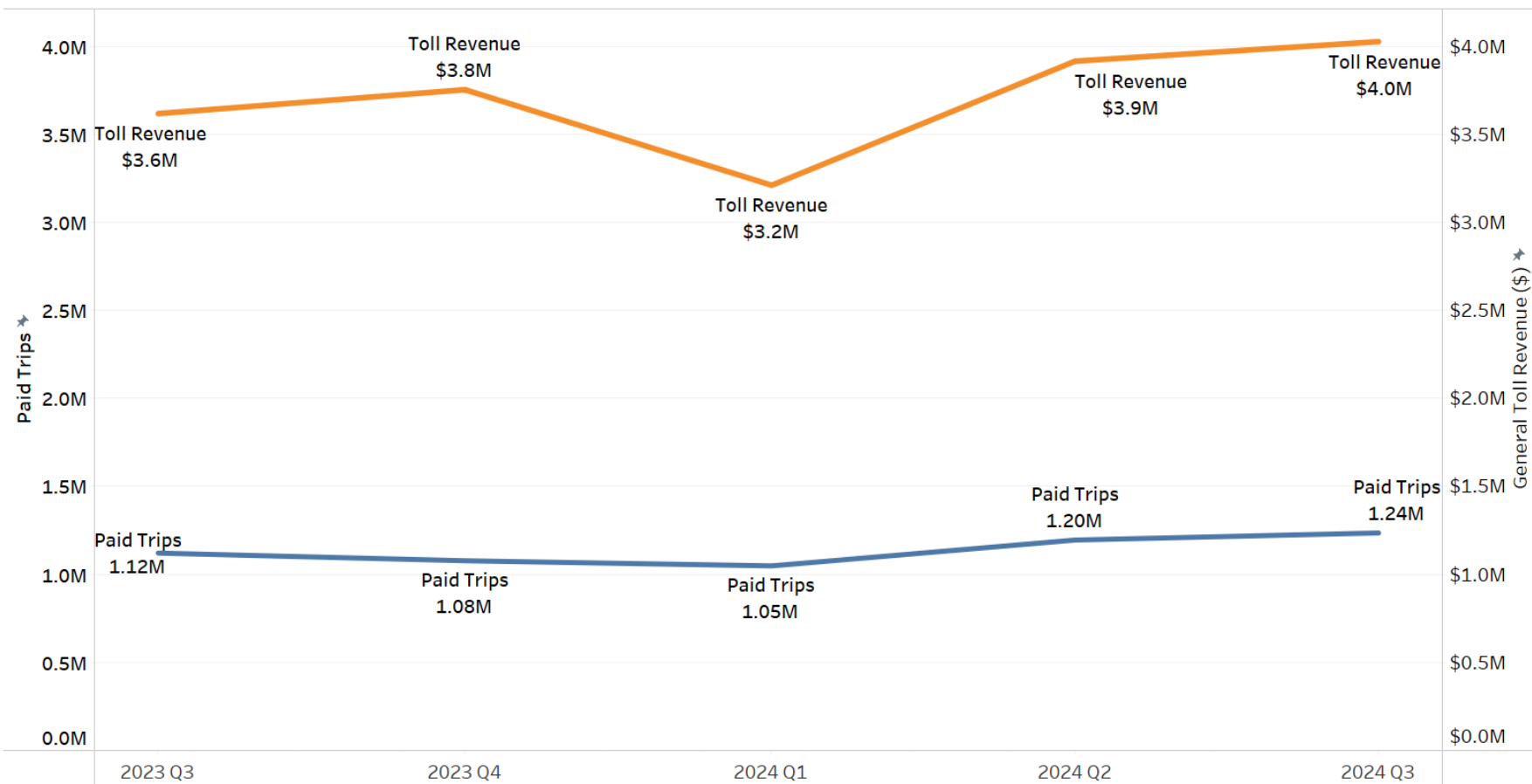


In each quarter, <1% to 1% of trips were made with Clean Air Vehicle Tags set to "1", represented by the thin grey segments in the above bar chart.



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

Q3 2024 Change	Toll Revenue	Tolled Trips	Average Toll Paid
from Prior Quarter (Q2 2024)	Up 3%	Up 3%	Down 1%
Year over Year (Q3 2023)	Up 11%	Up 10%	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	66 mph
GP Lane Speed	56 mph
Speed Differential	10 mph
Express Lane Volume	866 vehicles
GP Lane Volume	1,268 vehicles

## Corridor-Length Slowest Travel

Time	4 p.m. – 5 p.m.
Express Lane Speed	65 mph
GP Lane Speed	56 mph
Speed Differential	9 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	851 vehicles
GP Lane Volume	1,224 vehicles

## Corridor-Length Slowest Travel

Time	8 a.m. – 9 a.m.
Express Lane Speed	67 mph
GP Lane Speed	56 mph
Speed Differential	11 mph

# I-680 Express Lanes Tolls

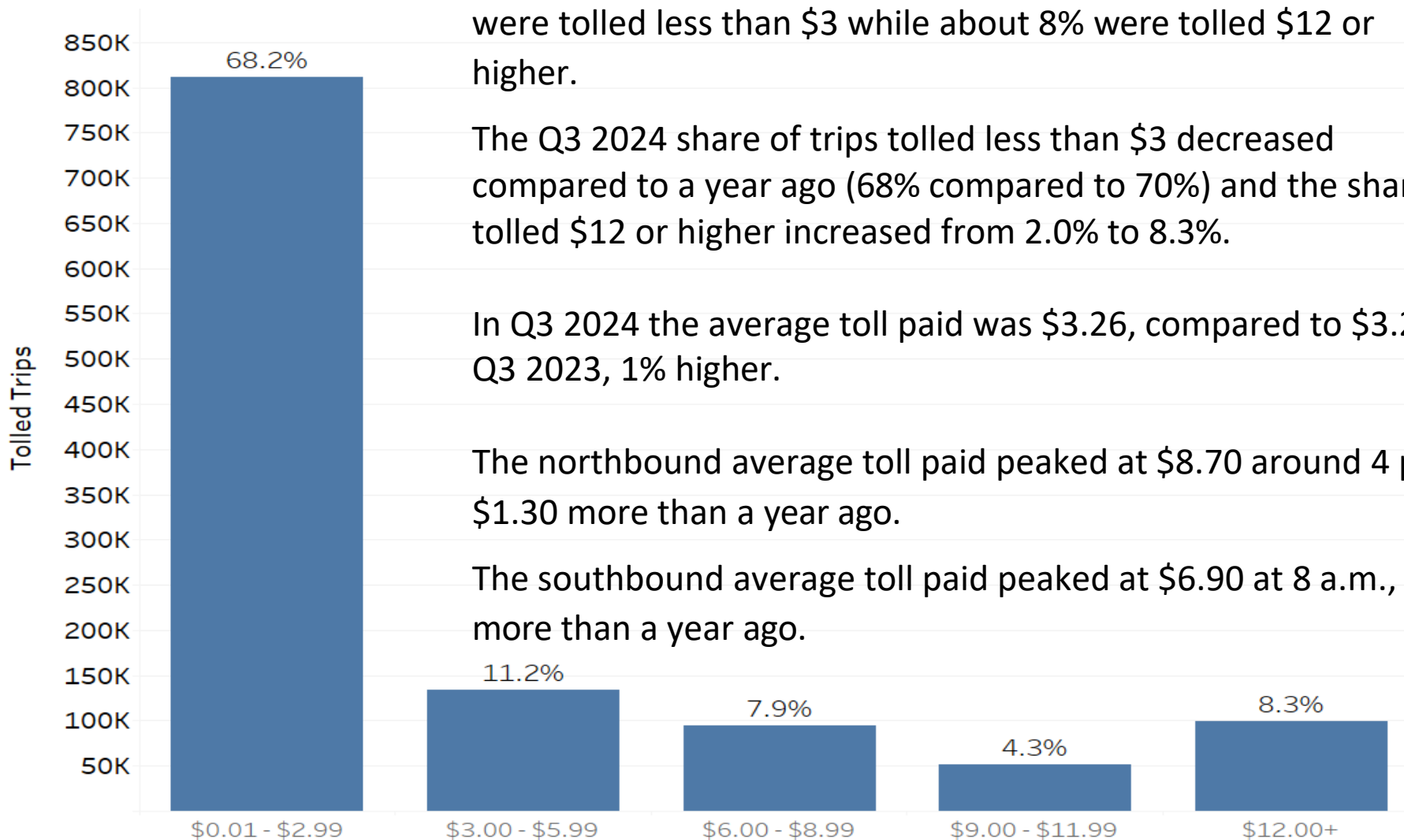
Drivers made 1,235,544 tolled express lane trips in the quarter, up 10% from a year ago (Q3 2023). About 68% of these trips were tolled less than \$3 while about 8% were tolled \$12 or higher.

The Q3 2024 share of trips tolled less than \$3 decreased compared to a year ago (68% compared to 70%) and the share tolled \$12 or higher increased from 2.0% to 8.3%.

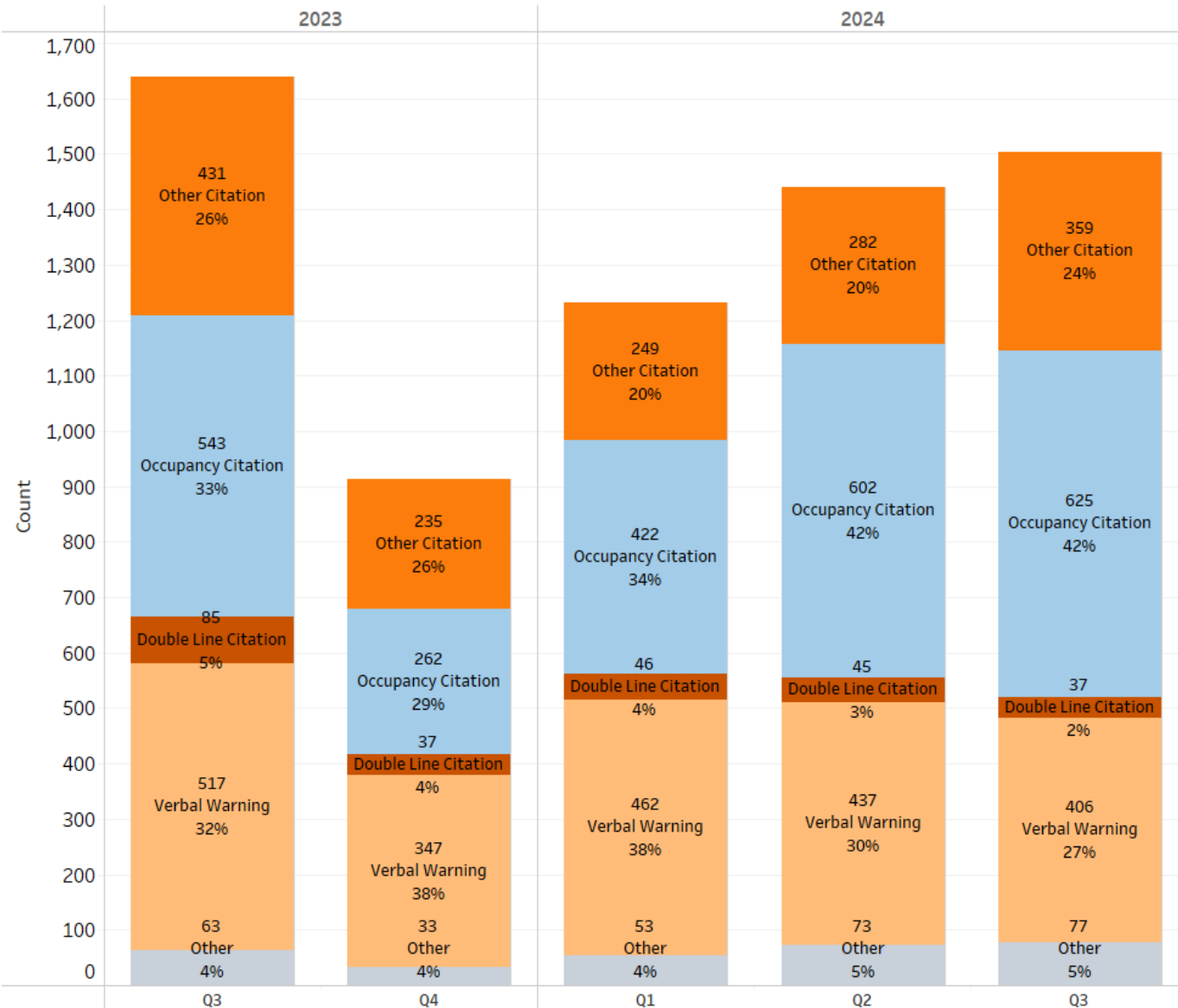
In Q3 2024 the average toll paid was \$3.26, compared to \$3.23 in Q3 2023, 1% higher.

The northbound average toll paid peaked at \$8.70 around 4 p.m., \$1.30 more than a year ago.

The southbound average toll paid peaked at \$6.90 at 8 a.m., \$0.30 more than a year ago.



# I-680 Express Lanes CHP Enforcement

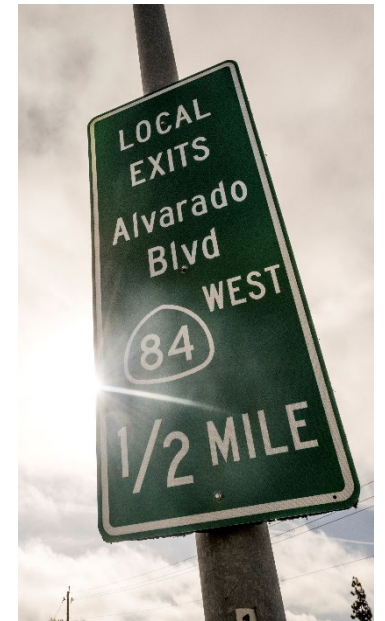


CHP provided 1,269 enforcement hours in the quarter, filling 99% of requested hours and resulting in 1,504 enforcement contacts.

42% of Q3 2024 contacts were related to carpool occupancy violations.

The average cost to BAIFA per enforcement contact was \$121.

# I-880 Express Lanes

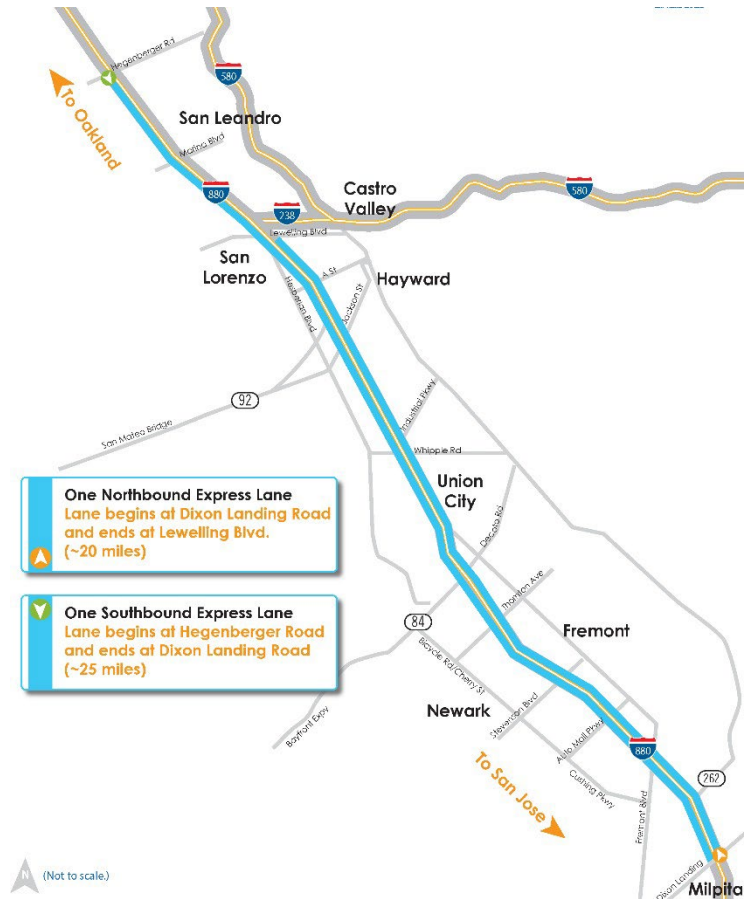


Bay Area Infrastructure Financing Authority Network and Operations Committee  
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# I-880 Express Lanes Policies

- 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*	
FREE	HALF TOLL	HALF TOLL	FULL TOLL
Motorcycles are FREE with FasTrak Flex toll tag set to 3+.		Clean Air Vehicles pay half-price tolls with FasTrak CAV toll tag.	

# I-880 Express Lanes – Q3 2024 Performance Highlights

- 4.5 million express lane trips were made in Q3 2024. The Average Daily Trip count (ADT) in Q3 2024 was 69,500 which was the same as the prior quarter (Q2 2024) and up 1% from a year ago (Q3 2023).
- The share of toll-free HOV 3+ trips was 44%, up 1% from Q2 2024 and up 4% from Q3 2023. The share of half-price HOV 2 trips was 6%, same as the prior quarter (Q2 2024) and down 1% down from a year ago (Q3 2023).
- 10% of express lane trips were violations - trips made without a FasTrak account. The share was the same as the prior quarter (Q2 2024) and down 3% from the prior year (Q3 2023).
- Quarterly toll revenue was up 7% from the last quarter and up 10% from a year ago (Q3 2023). Tolloed trips were down 2% and up 1% from Q2 2024 and Q3 2023, respectively. The average toll paid was up 9% from Q2 2024 and up 8% from Q3 2023.

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

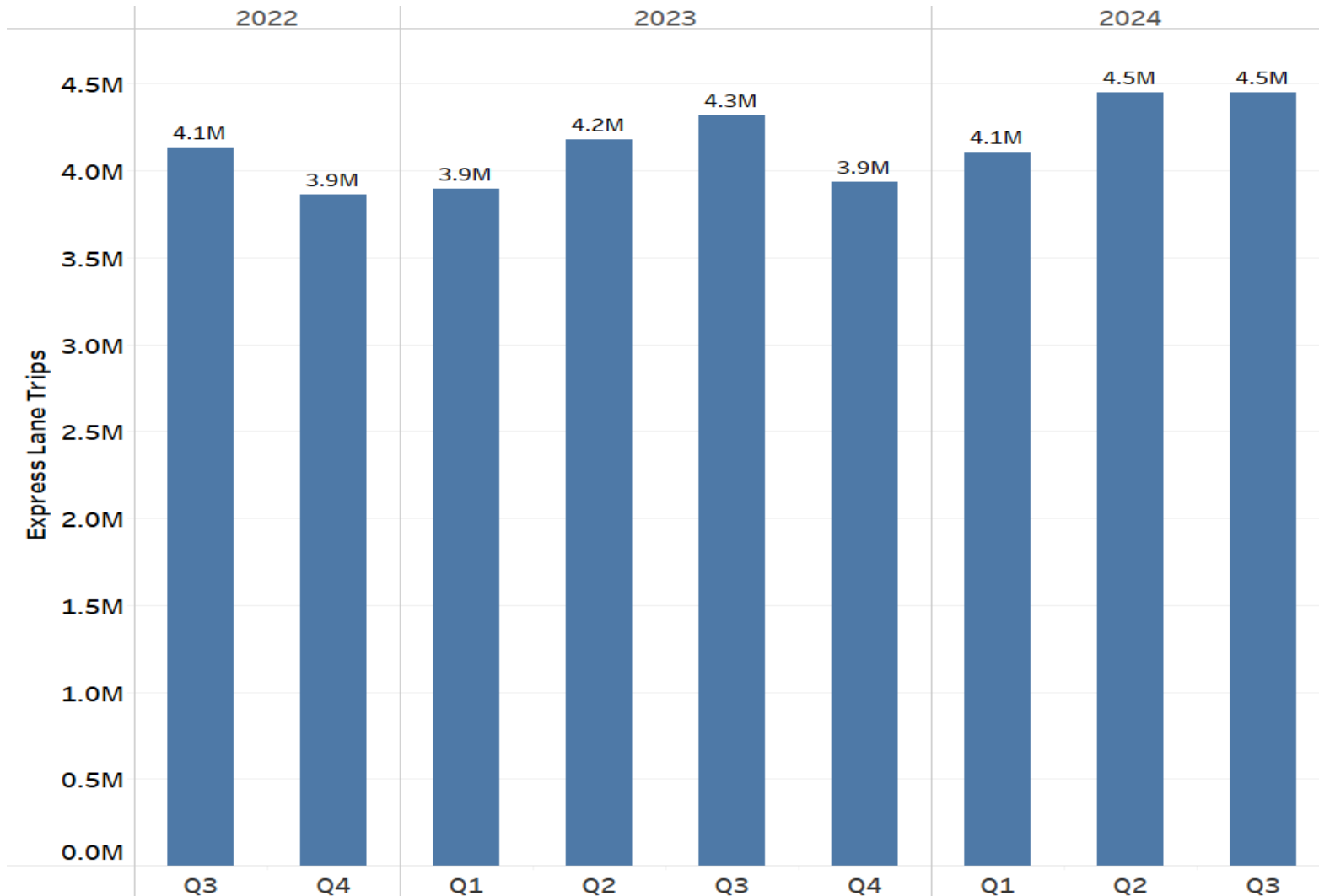


## I-880 Express Lanes – Q3 2024 Performance Highlights, continued

- Corridor-length northbound travel was slowest between 5 p.m. and 6 p.m. when express lane speed averaged 48 mph (14 mph faster than the general-purpose lanes). The northbound average toll paid peaked at \$16.00 around 4 p.m.
- Corridor-length southbound travel was slowest between 8 a.m. and 9 a.m. when express lane speed averaged 56 mph (13 mph faster than the general-purpose lanes). The southbound average toll paid peaked at \$12.40 around 7 a.m.
- CHP spent 2,913 hours patrolling the I-880 express lanes, resulting in 3,498 enforcement contacts. Of those, 18% resulted in citations for crossing double white lines and 33% in citations related to carpool occupancy.

# I-880 Express Lane Trips

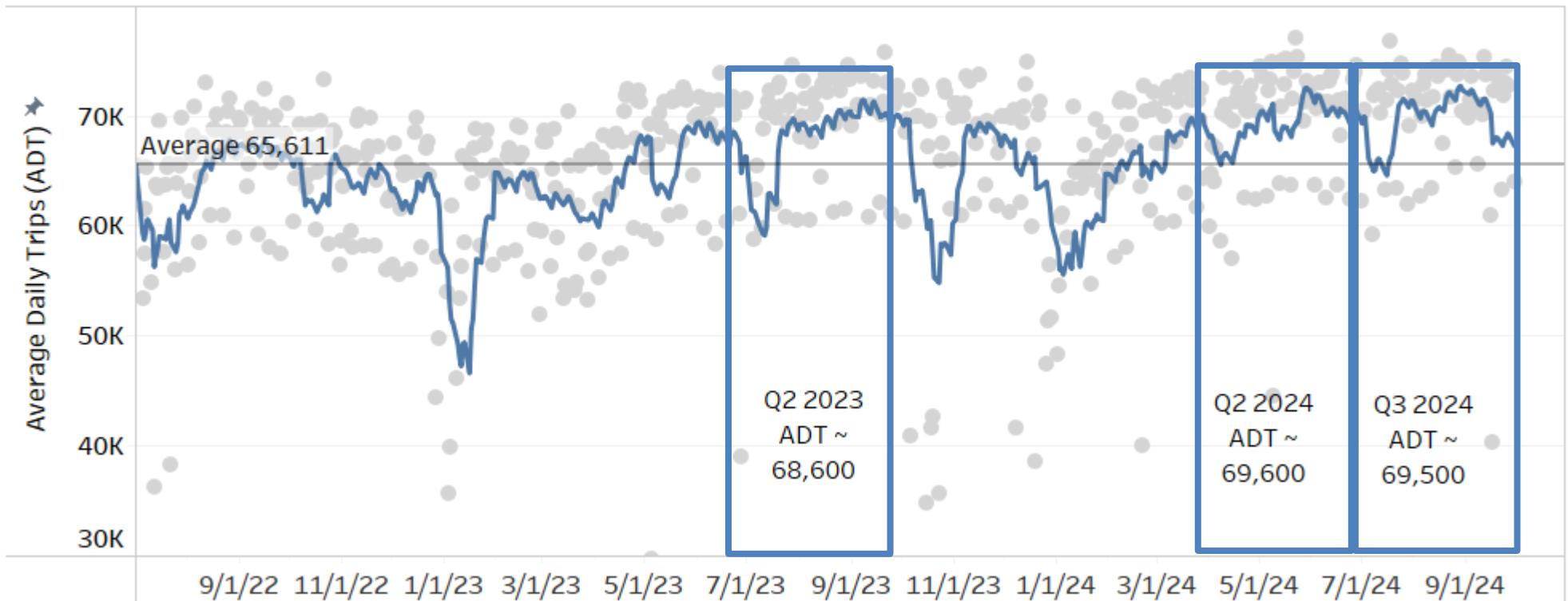
4.5 million express lane trips were made in Q3 2024. Trips were the same as the prior quarter (Q2 2024) and up 3% from a year ago (Q3 2023).



# I-880 Express Lane Average Daily Express Lane Trips

The Average Daily Trip (ADT) count from July 1, 2022 through September 30, 2024 was 65,611. Q3 2024 ADT was about 69,500, about the same as the prior quarter and a 1% increase from a year ago (Q3 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+) = 44%

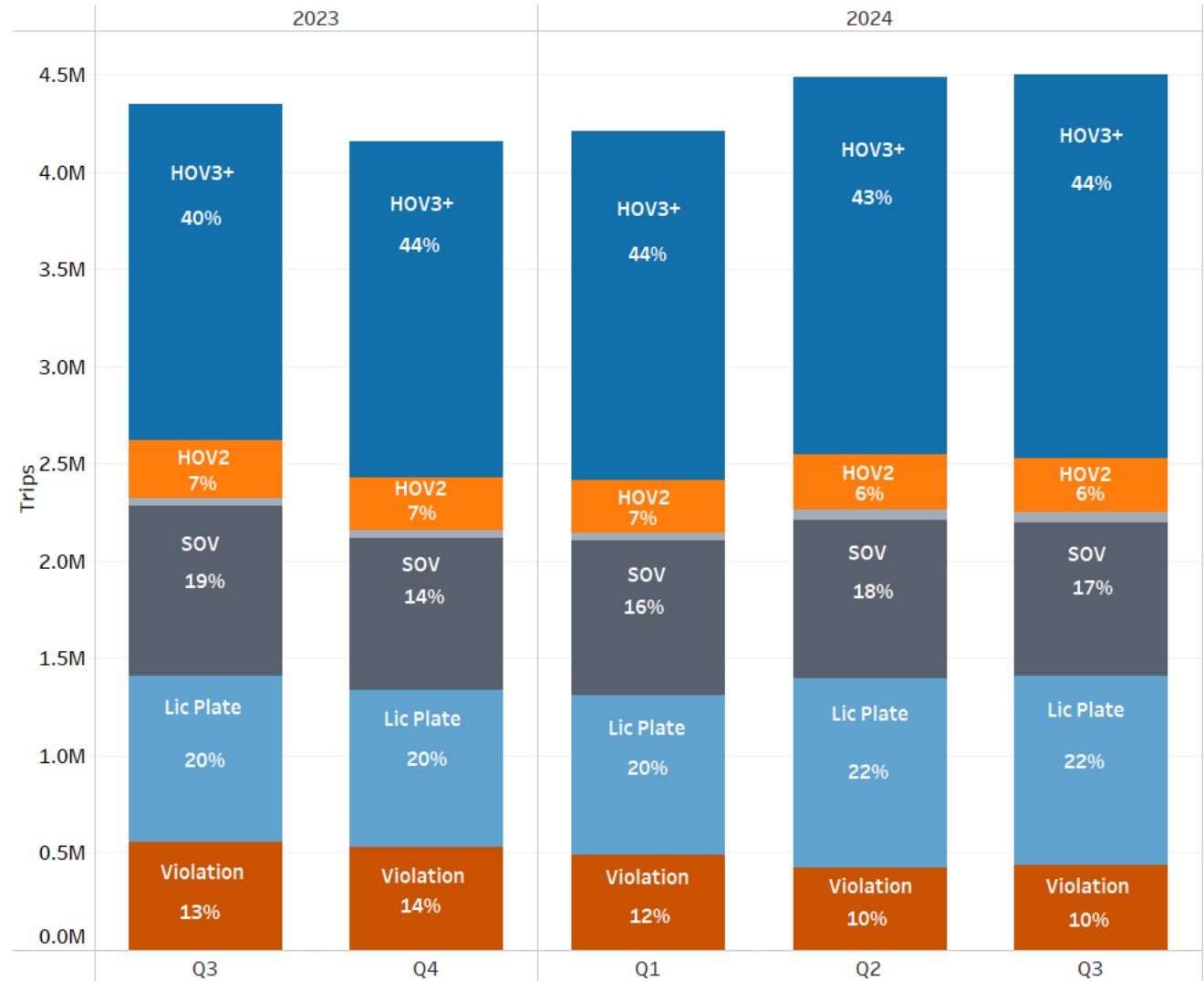
- Up 1% from Q2 2024 and up 4% from Q2 2023

### Tolled trips (full toll + half-toll) = 46%

- 39% full toll (SOV toll tag + license plate match)
- Full toll share down 1% from last quarter and the same as Q3 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%

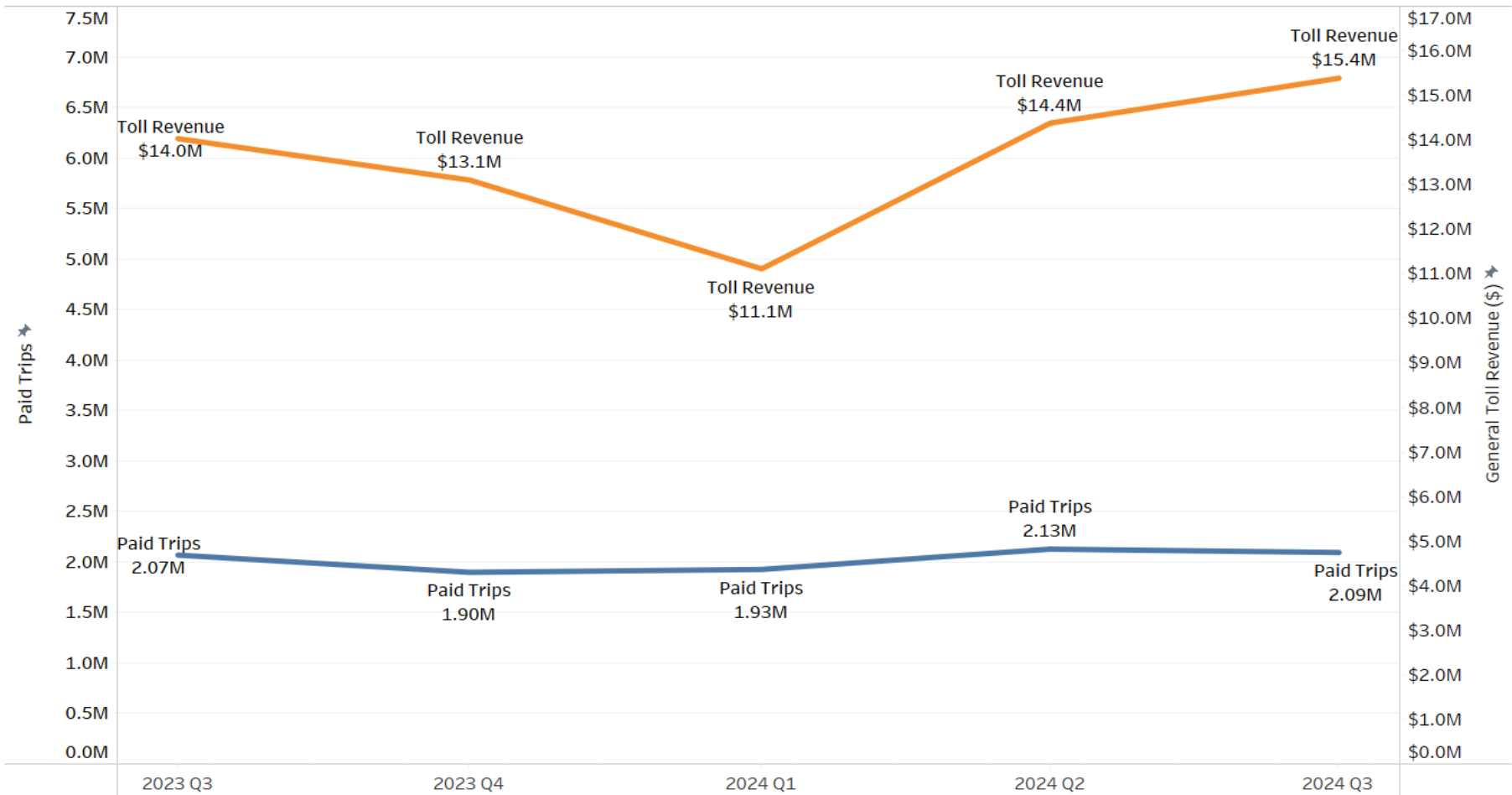
- No toll account
- Down 3% from a year ago and the same as last quarter



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

Q3 2024 Change	Toll Revenue	Tolled Trips	Average Toll Paid
from Prior Quarter (Q2 2024)	Up 7%	Down 2%	Up 9%
Year over Year (Q3 2023)	Up 10%	Up 1%	Up 8%



# 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	1,201 vehicles
GP Lane Volume	1,201 vehicles

## Corridor Length Slowest Travel

Time	5 p.m. - 6 p.m.
Express Lane Speed	48 mph
GP Lane Speed	34 mph
Speed Differential	14 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	57 mph
GP Lane Speed	44 mph
Speed Differential	13 mph
Express Lane Volume	1,069 vehicles
GP Lane Volume	1,236 vehicles

## Corridor Length Slowest Travel

Time	8 a.m. – 9 a.m.
Express Lane Speed	56 mph
GP Lane Speed	43 mph
Speed Differential	13 mph

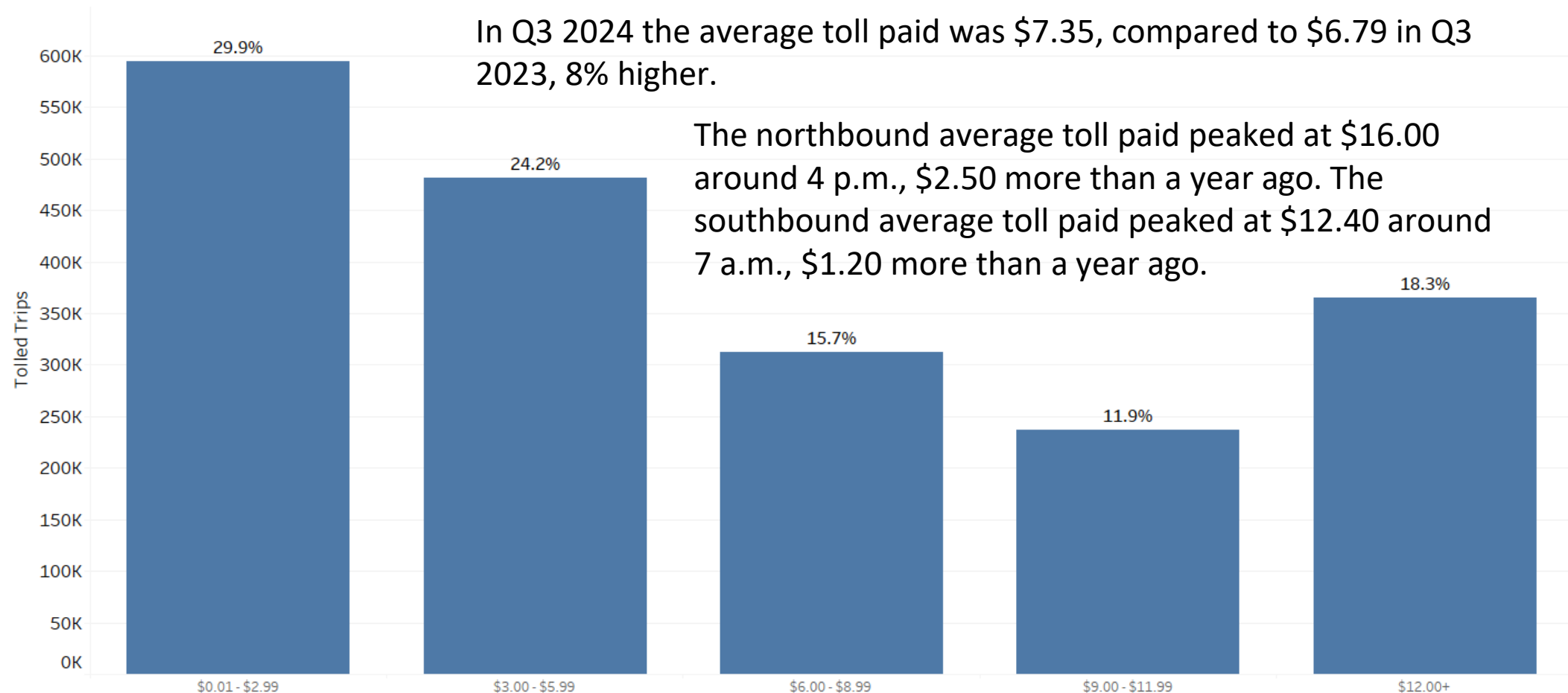
# I-880 Express Lane Tolls

Drivers made 2,092,863 tolled express lane trips in the quarter, up 1% from a year ago (Q3 2023). Around 30% of these trips incurred a toll less than \$3 and 18% were for tolls \$12 or higher.

The share of trips tolled less than \$3 decreased from a year ago (33.5% compared to 29.9%) and the share tolled trips \$12 or higher increased from 16.3% to 18.3%.

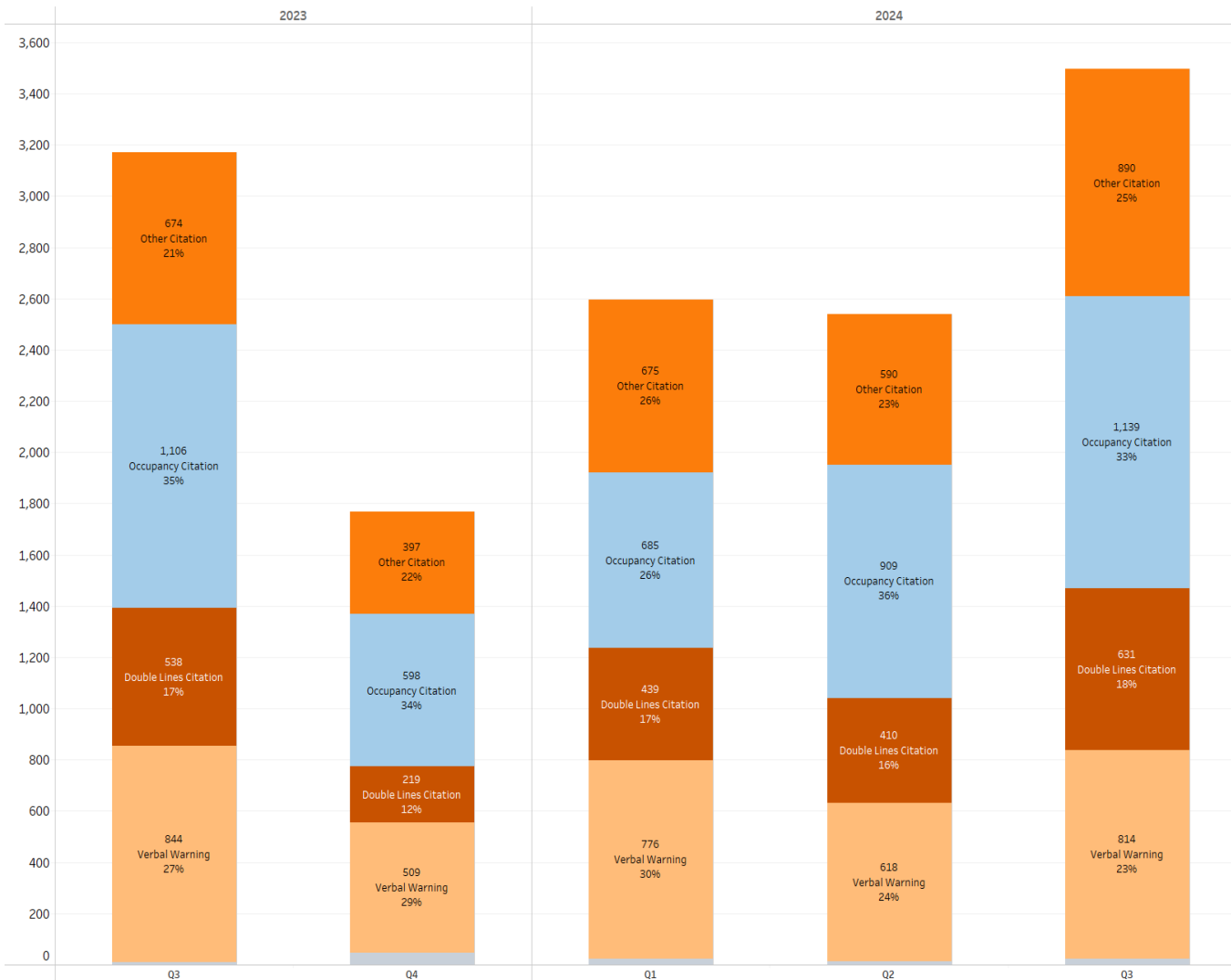
In Q3 2024 the average toll paid was \$7.35, compared to \$6.79 in Q3 2023, 8% higher.

The northbound average toll paid peaked at \$16.00 around 4 p.m., \$2.50 more than a year ago. The southbound average toll paid peaked at \$12.40 around 7 a.m., \$1.20 more than a year ago.





# I-880 Express Lanes CHP Enforcement



CHP provided 2,913 enforcement hours in the quarter, filling 114% of requested hours and resulting in 3,498 enforcement contacts.

33% of Q3 2024 enforcement contacts were related to carpool occupancy violations.

The average cost to BAIFA per enforcement contact was \$118.

# 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
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%
Q3	2024	2,465,948	2%

### Express Lane Trips - Payment Type Share

	2023	2023	2024	2024	2024
	Q3	Q4	Q1	Q2	Q3
Blank	25%	26%	26%	26%	26%
HOV3+	16%	16%	16%	15%	15%
CAV	1%	1%	1%	1%	1%
SOV-Tag	19%	20%	19%	19%	17%
LP Read	27%	26%	27%	30%	32%
Violations	12%	11%	11%	9%	9%

# Appendix A, continued

## Toll Revenue and Tolled Trips

Year & Quarter	Revenue	Tolled Trips
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
2024 Q3	\$4,026,063	1,235,544

## Toll Distribution

Toll	\$0.01 - \$2.99	\$3.00 - \$5.99	\$6.00 - \$8.99	\$9.00 - \$11.99	\$12.00+
% Tolled Trips	68.2%	11.2%	7.9%	4.3%	8.3%

# Appendix A, continued, 2

## CHP Enforcement

Year	Quarter	Enforcement Type	Quarterly Share	Count
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
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

# Appendix A, continued, 3

## CHP Enforcement

Year	Quarter	Enforcement Type	Quarterly Share	Count
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
2024	Q3	Other Citation	24%	359
2024	Q3	Occupancy Citation	42%	625
2024	Q3	Double Line Citation	2%	37
2024	Q3	Verbal Warning	27%	406
2024	Q3	Other	5%	77

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

## Quarterly Express Lane Trips and Percentage Change

Quarter	Year	Express Lane Trips	% Change
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%
Q3	2024	4,450,020	0%

### Express Lane Trips - Payment Type Share

	2023	2023	2024	2024	2024
	Q3	Q4	Q1	Q2	Q3
Blank	40%	44%	44%	43%	44%
HOV3+	7%	7%	7%	6%	6%
HOV2	1%	1%	1%	1%	1%
CAV	19%	14%	16%	18%	17%
SOV-Tag	20%	20%	20%	22%	22%
LP Read	13%	14%	12%	10%	10%
Violations					

# Appendix B, continued

## Toll Revenue and Tolled Trips

Year & Quarter	Revenue	Tolled Trips
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
2024 Q3	\$15,387,716	2,092,863

## Toll Distribution

Toll	\$0.01 - \$2.99	\$3.00 - \$5.99	\$6.00 - \$8.99	\$9.00 - \$11.99	\$12.00+
% Tolled Trips	29.9%	24.2%	15.7%	11.9%	18.3%

# Appendix B, continued, 2

## CHP Enforcement

Year	Quarter	Enforcement Type	Quarterly Share	Count
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
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



## Appendix B, continued, 3

### CHP Enforcement, continued

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
2024	Q3	Double Lines Citation	18%	631
2024	Q3	Occupancy Citation	33%	1,139
2024	Q3	Other	1%	24
2024	Q3	Other Citation	25%	890
2024	Q3	Verbal Warning	23%	814

For more information, visit [expresslanes.511.org](https://expresslanes.511.org) or [MTC's express lanes page](#).

