

BAIFA Express Lanes Operations Report 4th Quarter 2024: October - December

I-680 Contra Costa and I-880 Express Lanes



Bay Area Infrastructure Financing Authority Network and Operations Committee
May 9, 2025

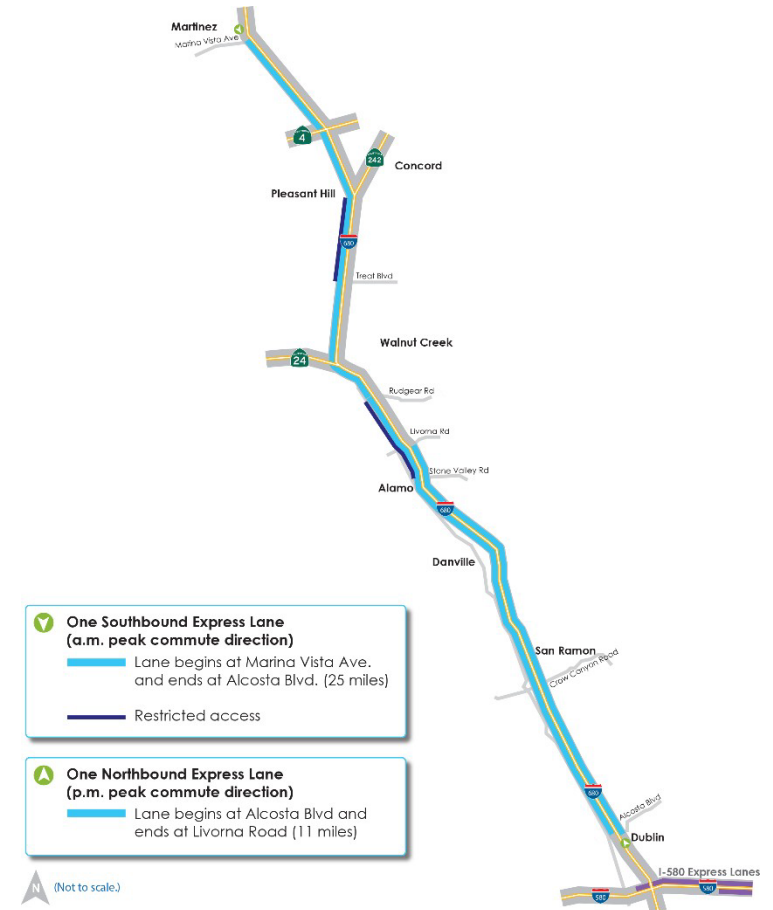
I-680 Contra Costa Express Lanes



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.



I-680 Contra Costa Express Lanes – Q4 2024 Highlights

- 2.4 million express lane trips were made in Q4 2024. The Average Daily Trip count (ADT) and total trips were about the same as the prior quarter (Q3 2024). Compared to a year ago (Q4 2023), total trips increased 4% and ADT increased 2%.
- The share of toll-free HOV 2+ trips was 42%, up 1% from Q3 2024 and the same as Q4 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 – the same as Q3 2024 and down 2% from Q4 2023.
- Q4 2024 toll revenue was \$4.9M, up 22% from Q3 2024, and up 31% from Q4 2023. Tolled trips decreased 3% from Q3 2024 and increased 12% from Q4 2023. The average toll paid increased 26% from Q3 2024 and increased 17% from Q4 2023.
 - The increases in average toll paid and toll revenue are due to changes to the toll algorithm to maintain lane performance, an increase in the amount of time when tolls hit their maximums, tolls collected from past violation trips, and revenue reporting practices.

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

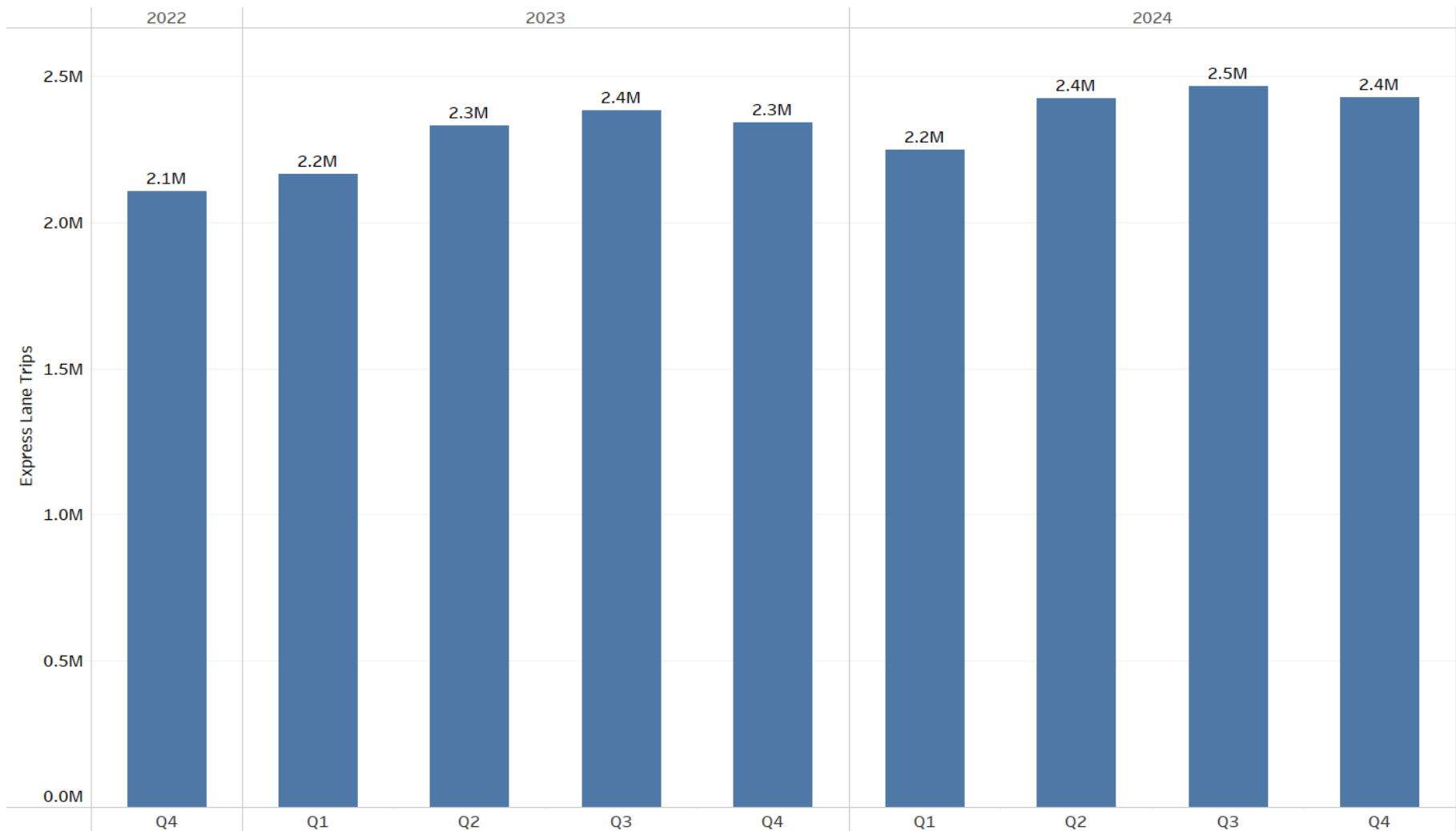
I-680 Contra Costa Express Lanes – Q4 2024

Performance Highlights, continued

- Corridor-length northbound travel was slowest between 4:00 p.m. and 5:00 p.m. when express lane speed averaged 62 mph (9 mph faster than the general-purpose lanes) and the average toll paid peaked at \$9.50.
- Corridor-length southbound travel was slowest between 8:00 a.m. and 9:00 a.m. when express lane speed averaged 66 mph (10 mph faster than the general-purpose lanes) and the average toll paid peaked at \$7.00.
- CHP made 1,385 enforcement contacts, of which 38% resulted in citations related to carpool occupancy. Enforcement contacts were up 51% and occupancy citations were up 10% compared to Q4 2023.

I-680 Express Lane Trips

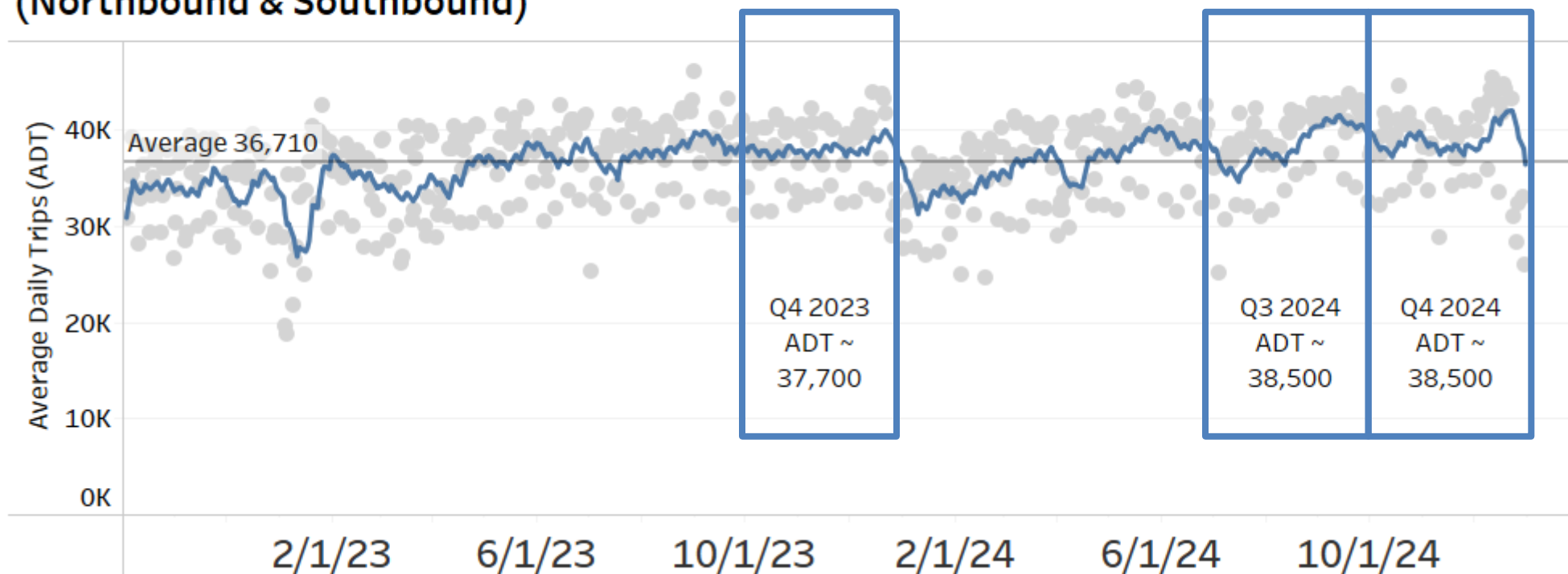
2.4 million express lane trips were made in Q4 2024. Trips were down 2% from the prior quarter (Q3 2024) and up 4% from Q4 2023.



I-680 Average Daily Express Lane Trips

The Average Daily Trip (ADT) count from October 1, 2022 through December 31, 2024 was 36,710. Q4 2024 ADT was about 38,500, the same as the prior quarter and a 2% increase from a year ago (Q4 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+) = 42%

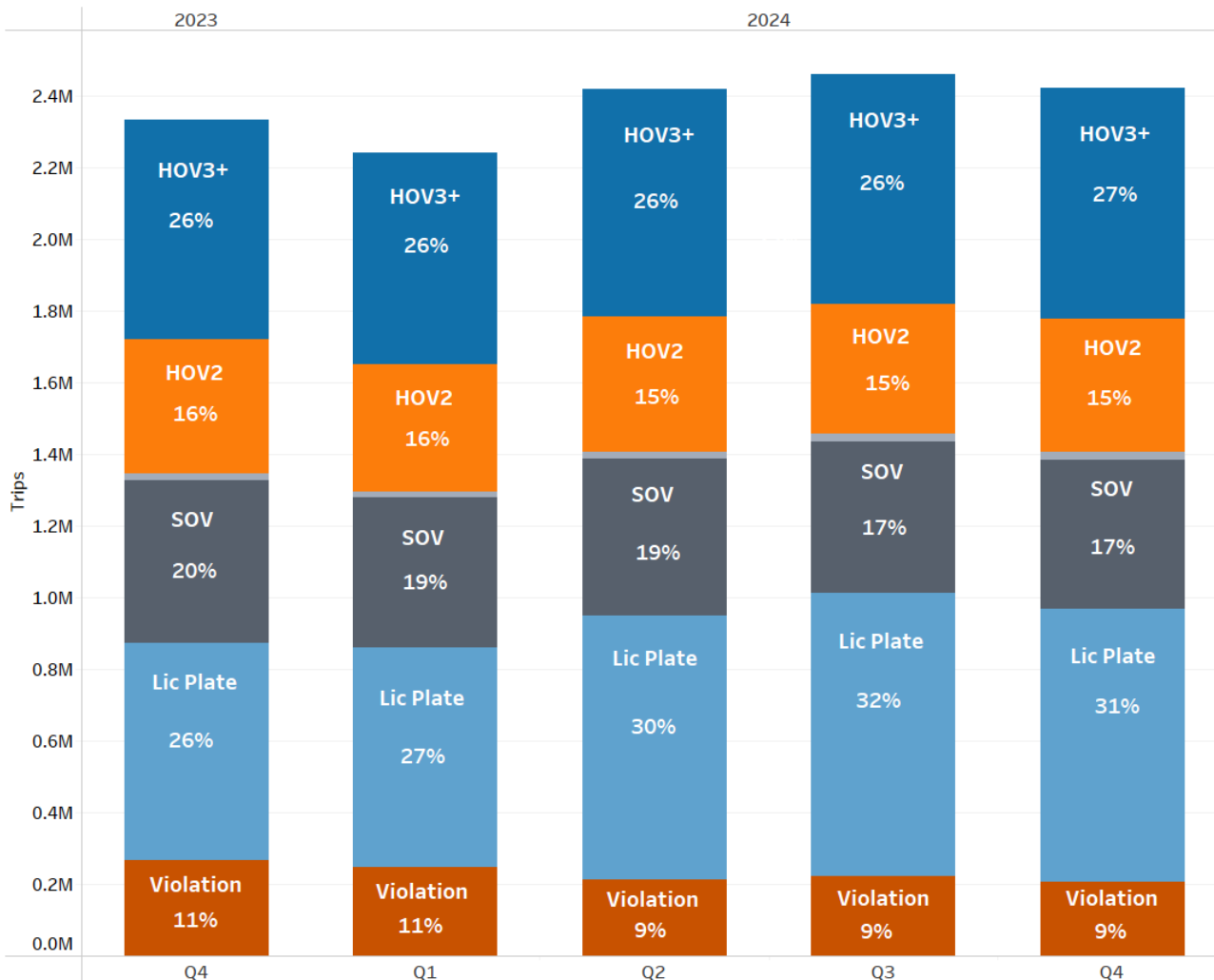
- Up 1% from Q3 2024
and the same as Q4 2023

Tolled trips (full toll + half-toll) = 49%

- 48% full toll (SOV toll tag + license plate match) + 1% half toll (Clean Air Vehicles)
- Down 1% from Q3 2024
- Up 2% from Q4 2023

Violation trips = 9%

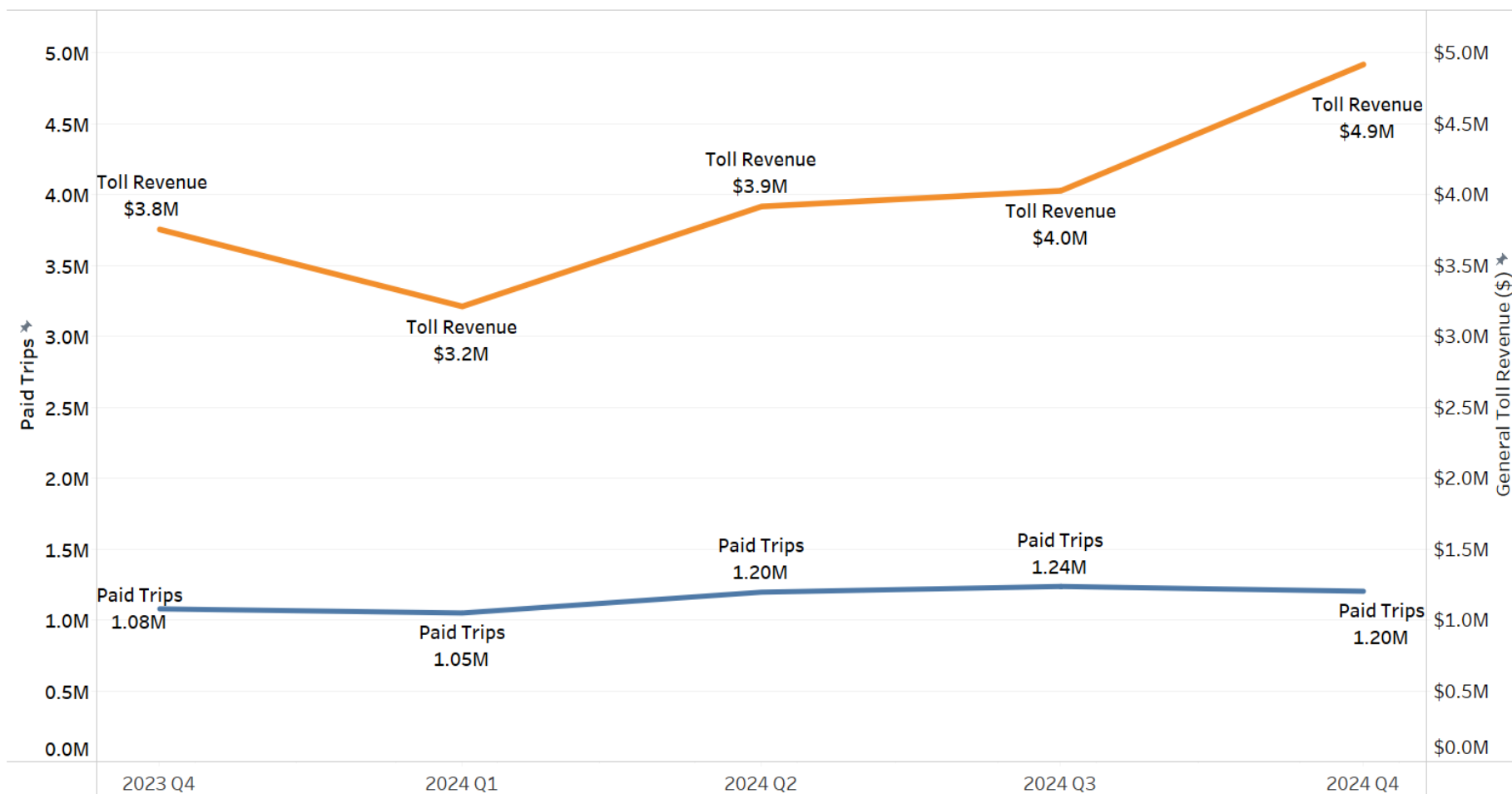
- No toll account
- Same as Q3 2024
- Down 2% from Q4 2023



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

Q4 2024 Change	Toll Revenue	Tolled Trips	Average Toll Paid
from Prior Quarter (Q3 2024)	Up 22%	Down 3%	Up 26%
Year over Year (Q4 2023)	Up 31%	Up 12%	Up 17%



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	64 mph
GP Lane Speed	54 mph
Speed Differential	10 mph
Express Lane Volume	907 vehicles
GP Lane Volume	1,236 vehicles

Corridor-Length Slowest Travel

Time	4 p.m. – 5 p.m.
Express Lane Speed	62 mph
GP Lane Speed	53 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	67 mph
GP Lane Speed	57 mph
Speed Differential	10 mph
Express Lane Volume	798 vehicles
GP Lane Volume	1,130 vehicles

Corridor-Length Slowest Travel

Time	8 a.m. – 9 a.m.
Express Lane Speed	66 mph
GP Lane Speed	56 mph
Speed Differential	10 mph

I-680 Express Lanes Tolls

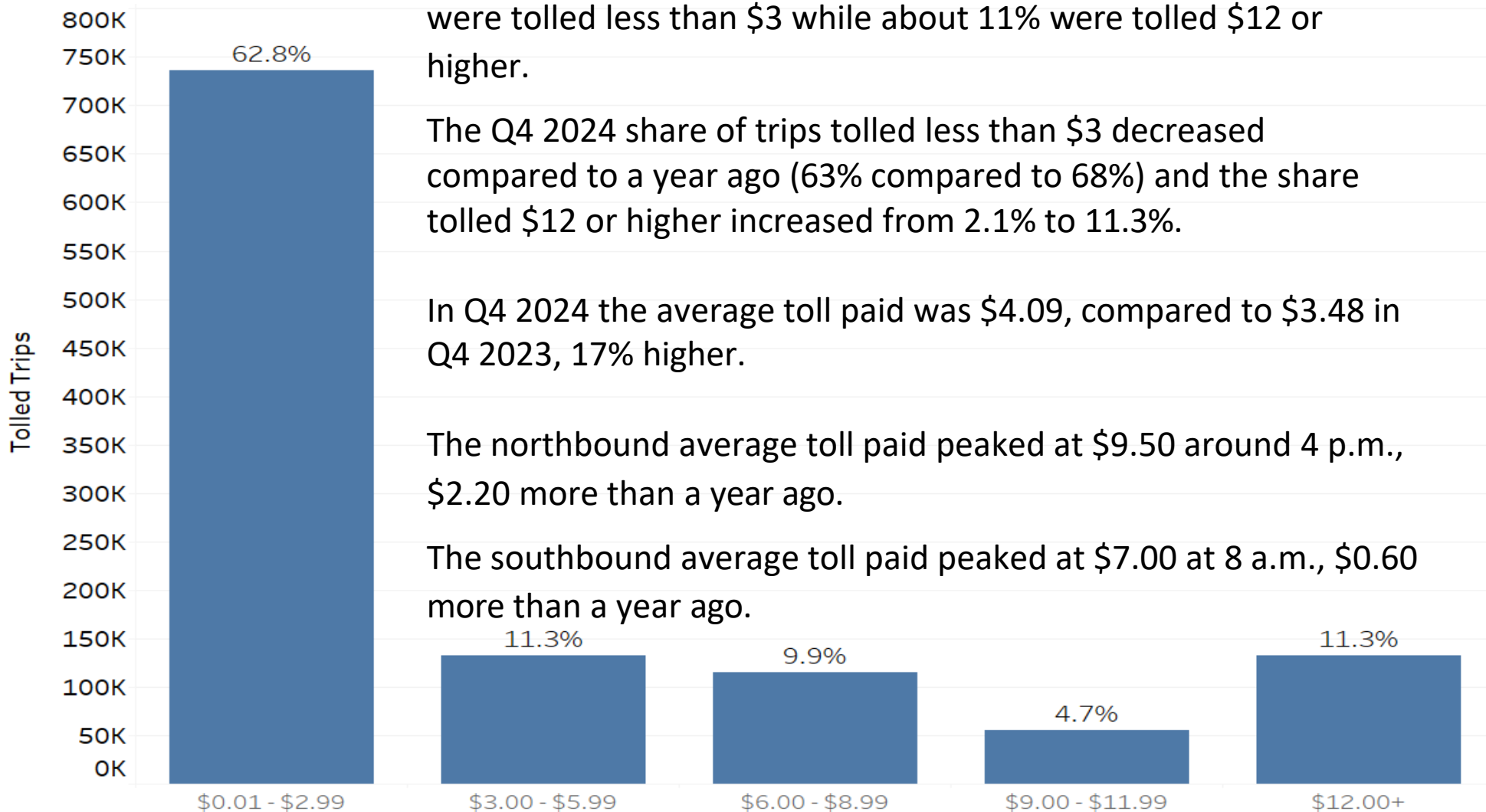
Drivers made 1,201,619 tolled express lane trips in the quarter, up 12% from a year ago (Q4 2023). About 63% of these trips were tolled less than \$3 while about 11% were tolled \$12 or higher.

The Q4 2024 share of trips tolled less than \$3 decreased compared to a year ago (63% compared to 68%) and the share tolled \$12 or higher increased from 2.1% to 11.3%.

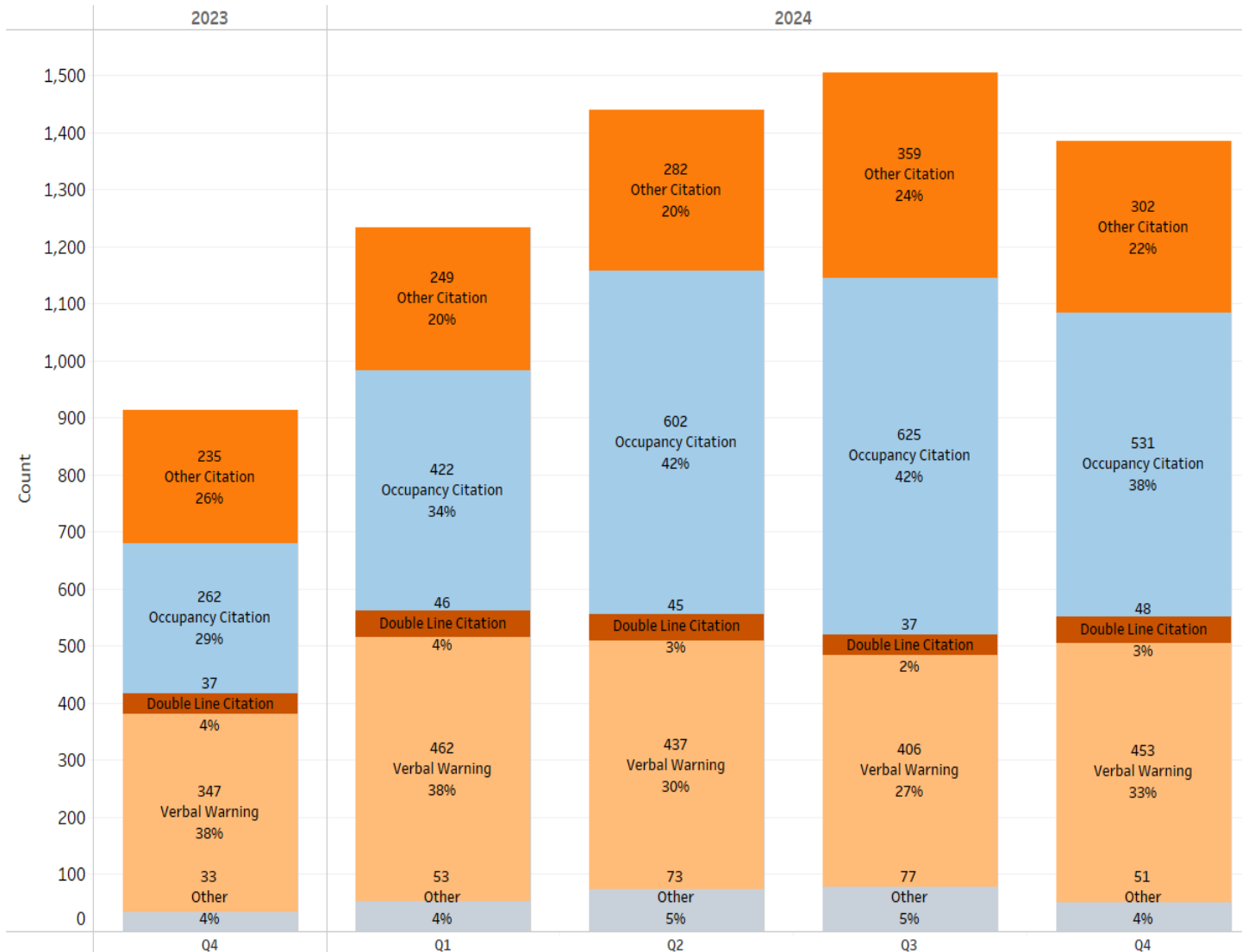
In Q4 2024 the average toll paid was \$4.09, compared to \$3.48 in Q4 2023, 17% higher.

The northbound average toll paid peaked at \$9.50 around 4 p.m., \$2.20 more than a year ago.

The southbound average toll paid peaked at \$7.00 at 8 a.m., \$0.60 more than a year ago.



I-680 Express Lanes CHP Enforcement

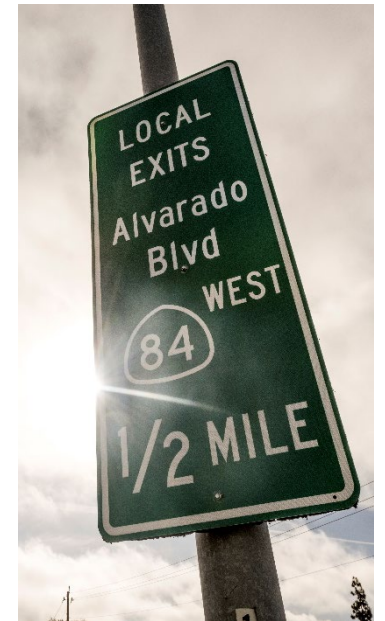


CHP provided 1,247 enforcement hours in the quarter, filling 99% of requested hours and resulting in 1,385 enforcement contacts.

38% of Q4 2024 contacts were related to carpool occupancy violations.

The average cost to BAIFA per enforcement contact was \$133.

I-880 Express Lanes

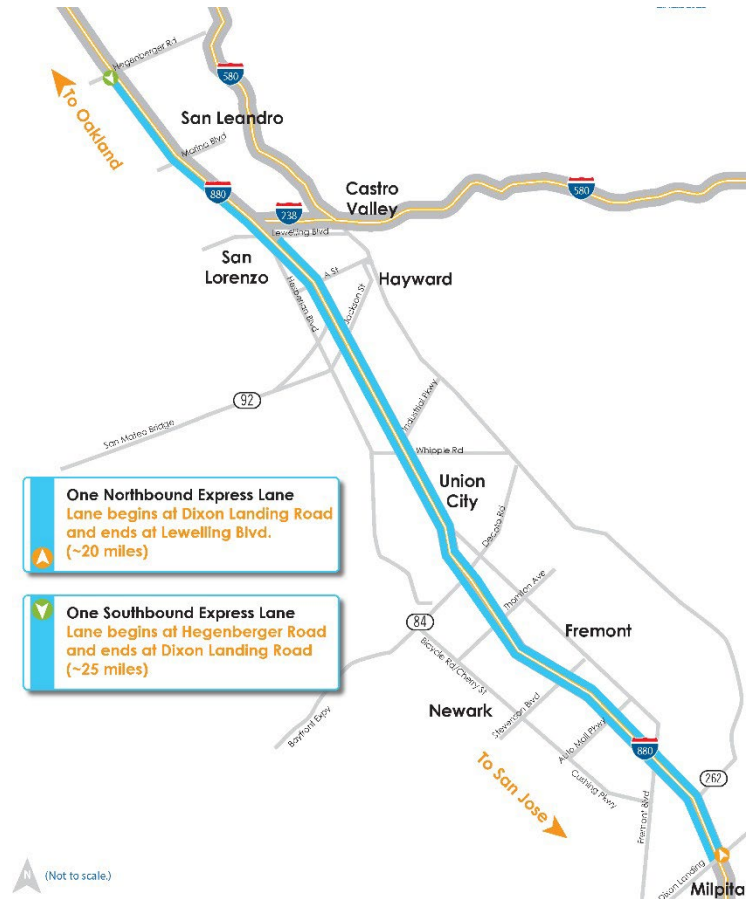


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I-880 Express Lanes Policies

- 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.



I-880 Express Lanes – Q4 2024 Performance Highlights

- 4.2 million express lane trips were made in Q4 2024. The Average Daily Trip count (ADT) in Q4 2024 was 67,200 which was down 3% from the prior quarter (Q3 2024) and up 6% from a year ago (Q4 2023).
- The share of toll-free HOV 3+ trips was 46%, the highest since tolling began and up 2% from Q3 2024 and up 2% from Q4 2023. The share of half-price HOV 2 trips was 6%, same as the prior quarter and down 1% down from a year ago.
- 10% of express lane trips were violations - trips made without a FasTrak account. The share was the same as the prior quarter and down 4% from a year ago.
- Quarterly toll revenue decreased 5% from the prior quarter as tolled trips fell 6% and the average toll paid increased 1%. Quarterly toll revenue increased 12% from a year ago as tolled trips increased 4% and the average toll paid increased 8%.

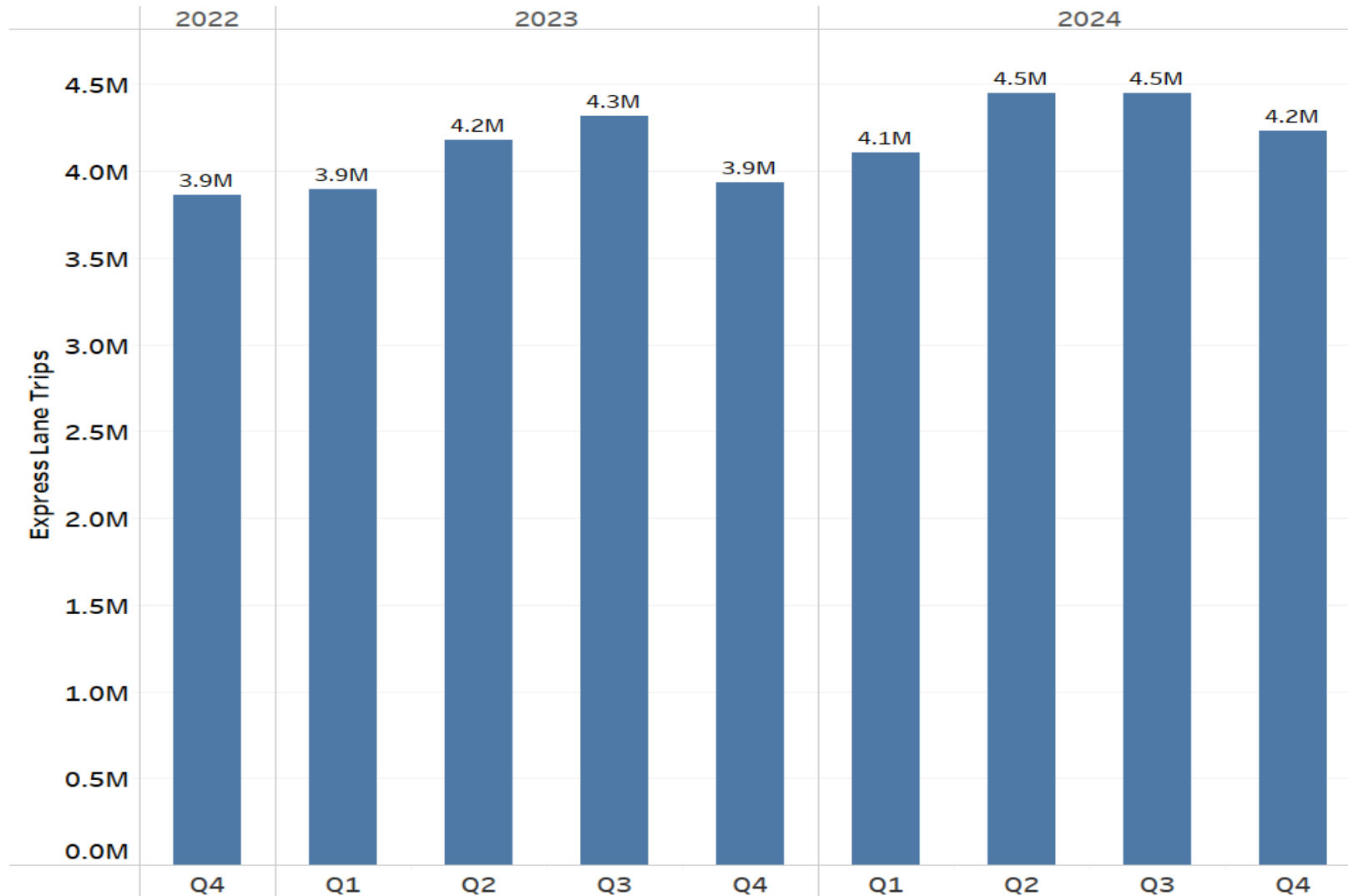
The goal of express lanes is to maximize lane use while keeping traffic moving to encourage carpooling and transit ridership.

I-880 Express Lanes – Q4 2024 Performance Highlights, continued

- Corridor-length northbound travel was slowest between 5 p.m. and 6 p.m. when express lane speed averaged 47 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 56 mph (12 mph faster than the general-purpose lanes). The southbound average toll paid peaked at \$11.80 around 7 a.m.
- CHP spent 2,789 hours patrolling the I-880 express lanes, resulting in 3,445 enforcement contacts. Of those, 19% resulted in citations for crossing double white lines and 21% in citations related to carpool occupancy.

I-880 Express Lane Trips

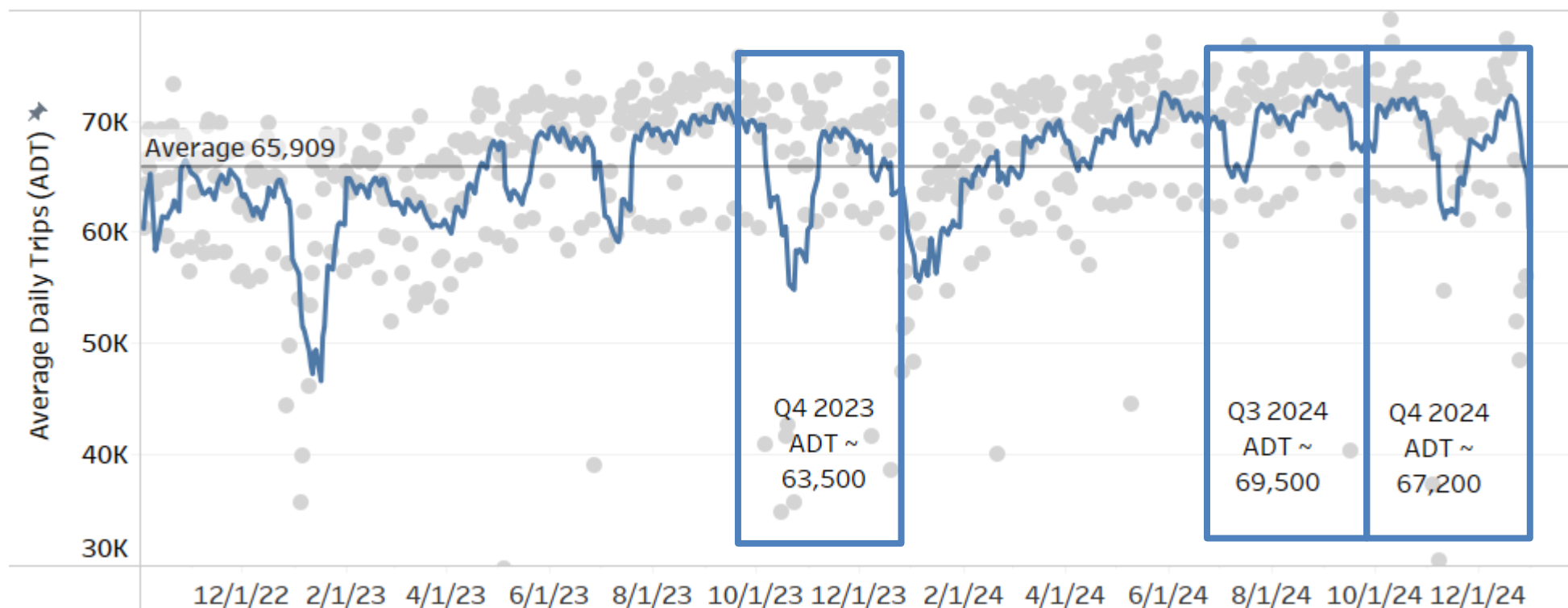
4.2 million express lane trips were made in Q4 2024. Trips were down 5% from the prior quarter (Q3 2024) and up 7% from a year ago (Q4 2023).



I-880 Express Lane Average Daily Express Lane Trips

The Average Daily Trip (ADT) count from October 1, 2022 through December 31, 2024 was 65,909. Q4 2024 ADT was about 67,200, down about 3% from the prior quarter and a 6% increase from a year ago (Q4 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+) = 46%

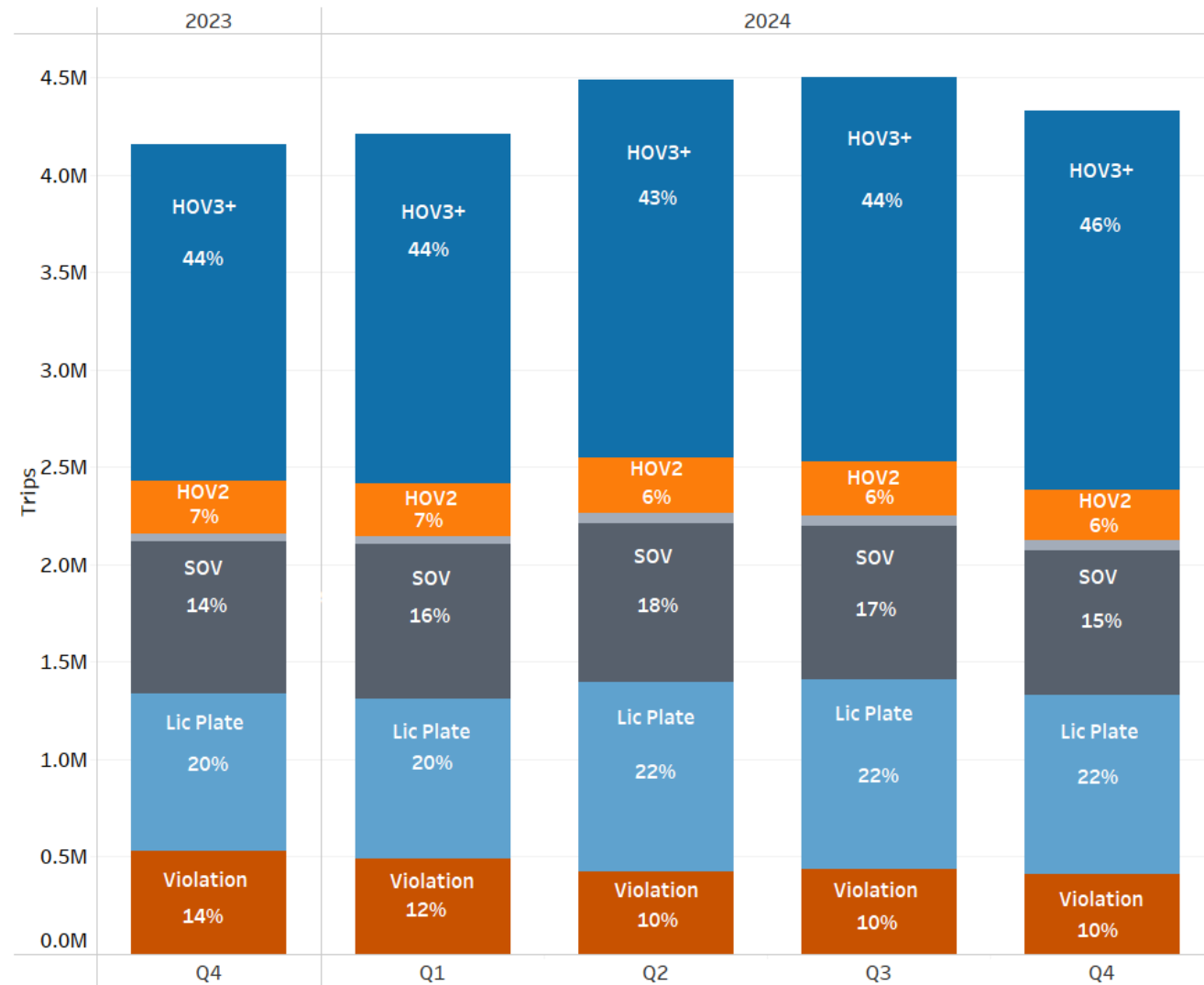
- Up 2% from Q3 2024 and up 2% from Q4 2023

Tolled trips (full toll + half-toll) = 44%

- 37% full toll (SOV toll tag + license plate match)
- Full toll share down 2% from last quarter and up 3% from Q4 2023
- 7% half toll (HOV 2 + CAV (Clean Air Vehicle))
- Half toll share down 1% from a year ago and the same as last quarter

Violation trips = 10%

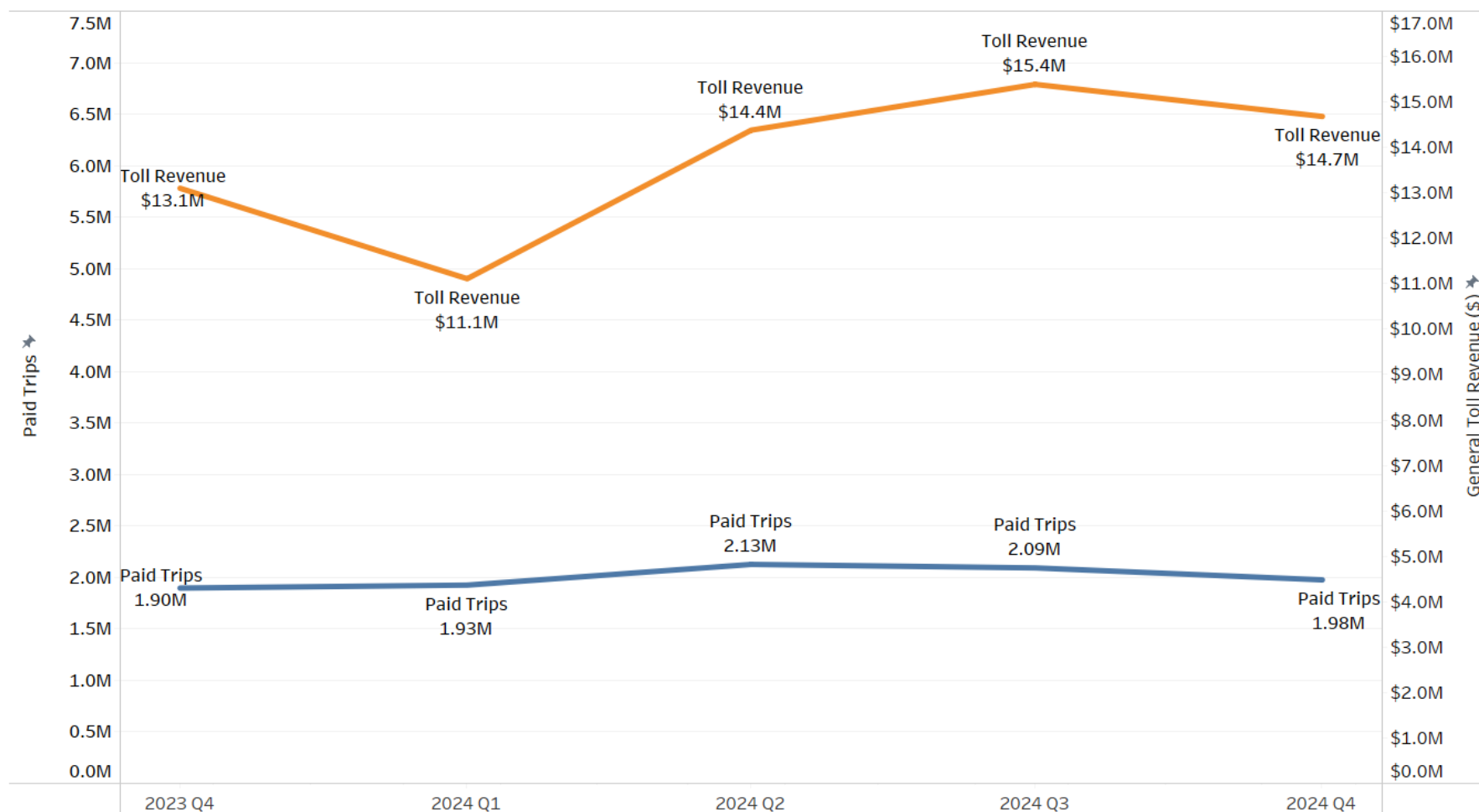
- No toll account
- Down 4% from a year ago and the same as last quarter



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

Q4 2024 Change	Toll Revenue	Tolled Trips	Average Toll Paid
from Prior Quarter (Q3 2024)	Down 5%	Down 6%	Up 1%
Year over Year (Q4 2023)	Up 12%	Up 4%	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	34 mph
Speed Differential	16 mph
Express Lane Volume	1,153 vehicles
GP Lane Volume	1,168 vehicles

Corridor Length Slowest Travel

Time	5 p.m. - 6 p.m.
Express Lane Speed	47 mph
GP Lane Speed	32 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	56 mph
GP Lane Speed	44 mph
Speed Differential	12 mph
Express Lane Volume	975 vehicles
GP Lane Volume	1,136 vehicles

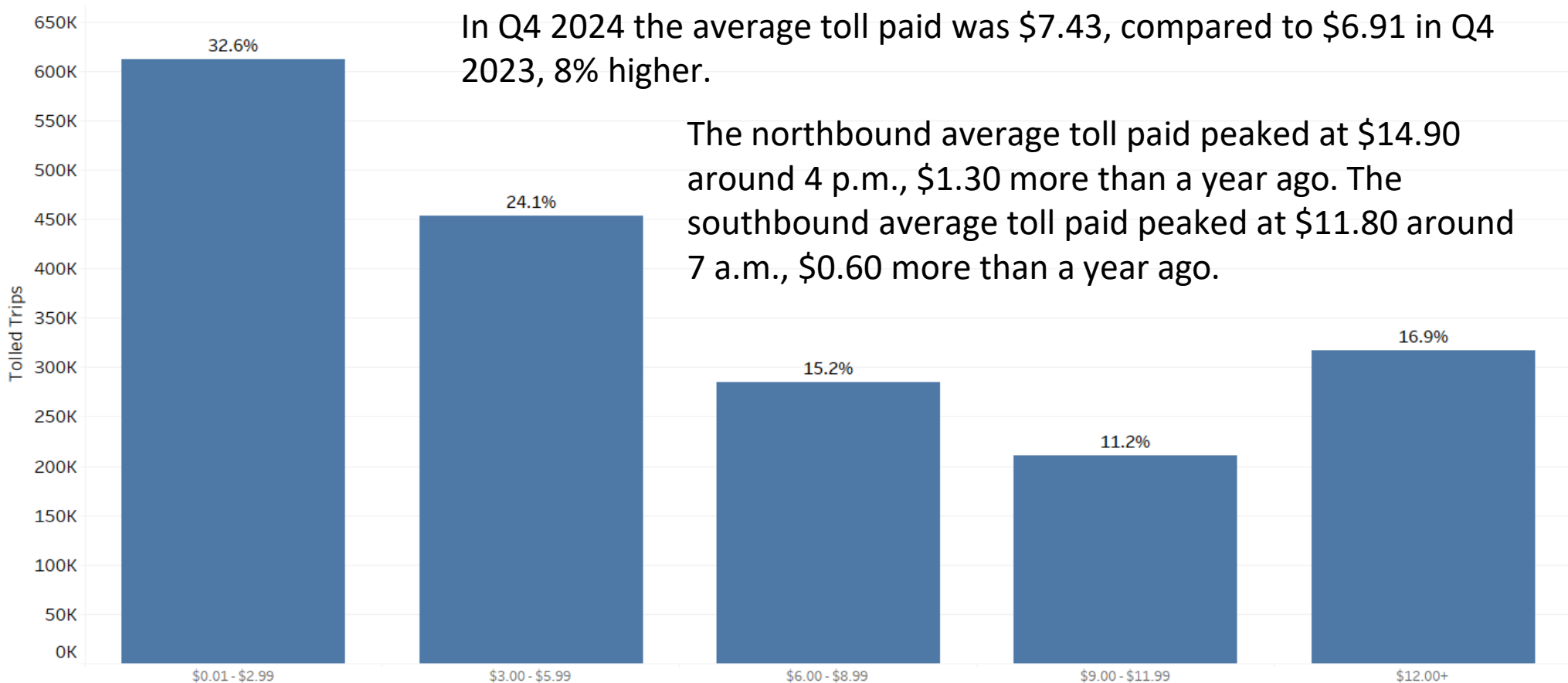
Corridor Length Slowest Travel

Time	8 a.m. – 9 a.m.
Express Lane Speed	56 mph
GP Lane Speed	44 mph
Speed Differential	12 mph

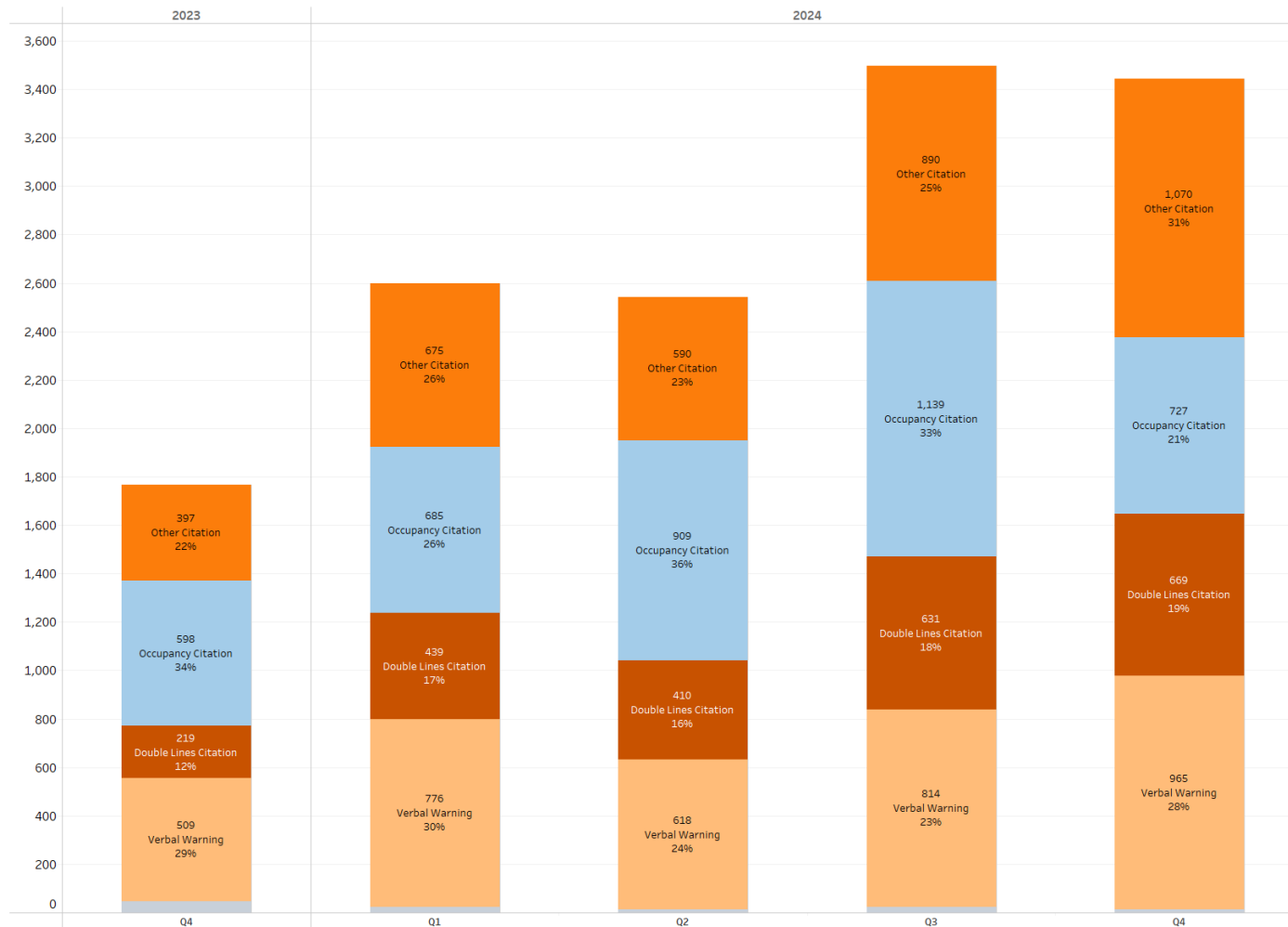
I-880 Express Lane Tolls

Drivers made 1,976,625 tolled express lane trips in the quarter, up 4% from a year ago (Q4 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 (36.6% compared to 32.6%) and the share tolled trips \$12 or higher increased from 15.4% to 16.9%.



I-880 Express Lanes CHP Enforcement



CHP provided 2,789 enforcement hours in the quarter, filling 110% of requested hours and resulting in 3,445 enforcement contacts.

21% of Q4 2024 enforcement contacts were related to carpool occupancy violations.

The average cost to BAIFA per enforcement contact was \$119.

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
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%
Q4	2024	2,426,638	-2%

Express Lane Trips - Payment Type Share

	2023	2023	2024	2024	2024
	Q4	Q1	Q2	Q3	Q4
HOV3+	26%	26%	26%	26%	27%
HOV2	16%	16%	15%	15%	15%
CAV	1%	1%	1%	1%	1%
SOV-Tag	20%	19%	19%	17%	17%
LP Read	26%	27%	30%	32%	31%
Violations	11%	11%	9%	9%	9%

Appendix A, continued

Toll Revenue and Tolloed Trips

Year & Quarter	Revenue	Tolloed Trips
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
2024 Q4	\$4,916,609	1,201,619

Toll Distribution

Toll	\$0.01 - \$2.99	\$3.00 - \$5.99	\$6.00 - \$8.99	\$9.00 - \$11.99	\$12.00+
% Tolloed Trips	62.8%	11.3%	9.9%	4.7%	11.3%

Appendix A, continued, 2

CHP Enforcement

Year	Quarter	Enforcement Type	Quarterly Share	Count
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
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 A, continued, 3

CHP Enforcement

Year	Quarter	Enforcement Type	Quarterly Share	Count
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
2024	Q4	Other Citation	22%	302
2024	Q4	Occupancy Citation	38%	531
2024	Q4	Double Line Citation	3%	48
2024	Q4	Verbal Warning	33%	453
2024	Q4	Other	4%	51

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

Quarterly Express Lane Trips and Percentage Change

Quarter	Year	Express Lane Trips	% Change
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%
Q4	2024	4,233,749	-5%

Express Lane Trips - Payment Type Share

	2023	2023	2024	2024	2024
	Q4	Q1	Q2	Q3	Q4
HOV3+	44%	44%	43%	44%	46%
HOV2	7%	7%	6%	6%	6%
CAV	1%	1%	1%	1%	1%
SOV-Tag	14%	16%	18%	17%	15%
LP Read	20%	20%	22%	22%	22%
Violations	14%	12%	10%	10%	10%

Appendix B, continued

Toll Revenue and Tolled Trips

Year & Quarter	Revenue	Tolled Trips
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
2024 Q4	\$14,681,613	1,976,625

Toll Distribution

Toll	\$0.01 - \$2.99	\$3.00 - \$5.99	\$6.00 - \$8.99	\$9.00 - \$11.99	\$12.00+
% Tolled Trips	32.6%	24.1%	15.2%	11.2%	16.9%

Appendix B, continued, 2

CHP Enforcement

Year	Quarter	Enforcement Type	Quarterly Share	Count
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
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

Appendix B, continued, 3

CHP Enforcement, continued

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
2024	Q4	Double Lines Citation	19%	669
2024	Q4	Occupancy Citation	21%	727
2024	Q4	Other	<1%	14
2024	Q4	Other Citation	31%	1,070
2024	Q4	Verbal Warning	28%	965

For more information, visit 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>).

