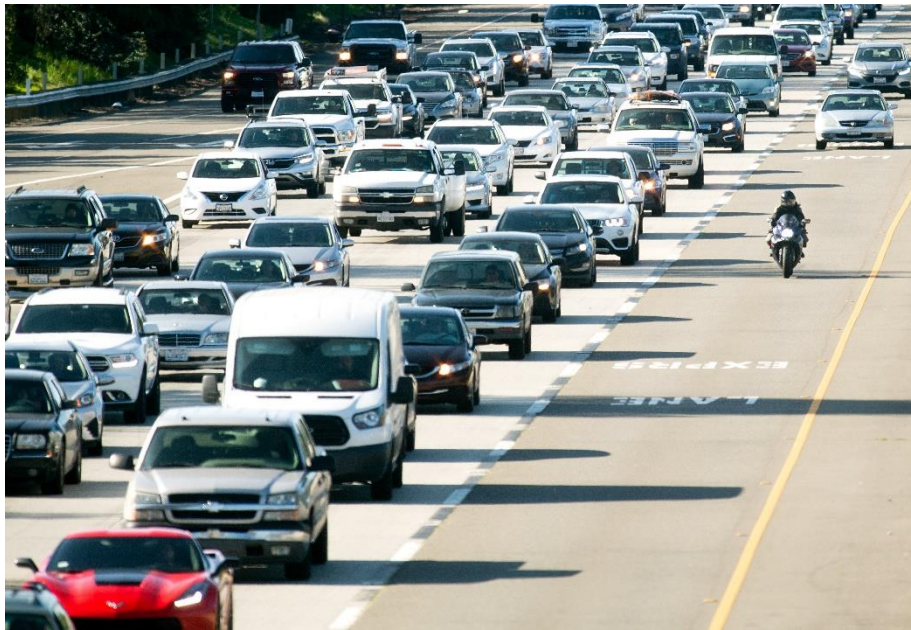
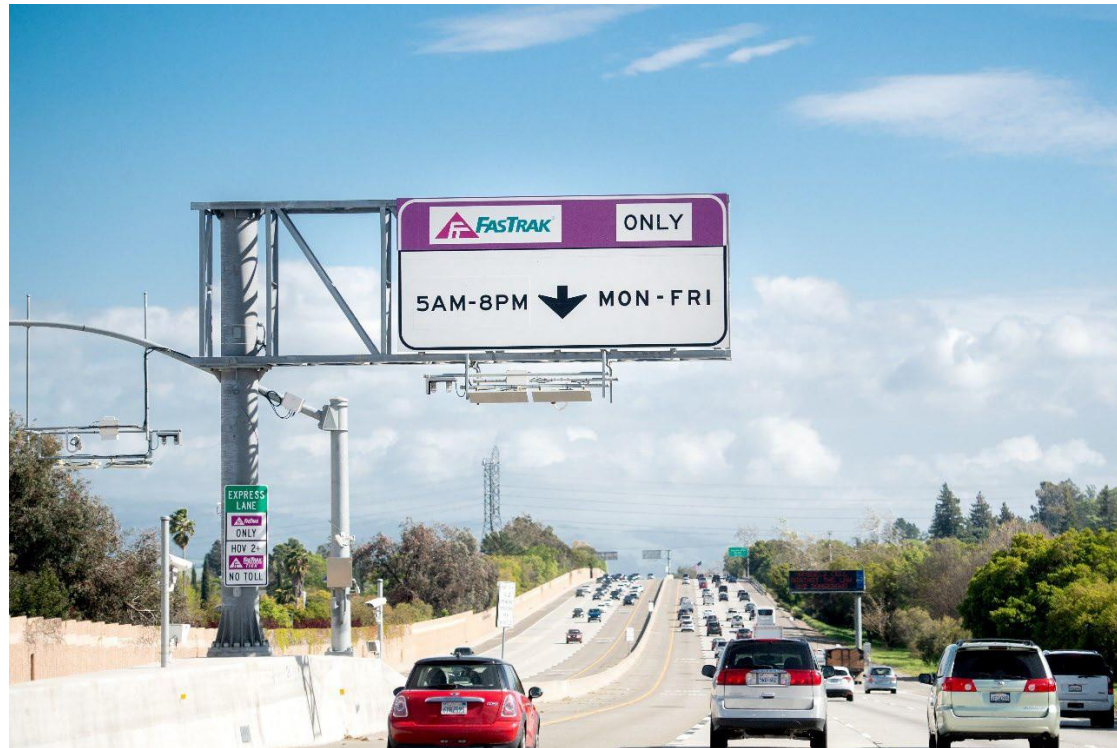


BAIFA Express Lanes Performance Report
3rd Quarter 2023: July – September
I-680 Contra Costa and I-880 Express Lanes



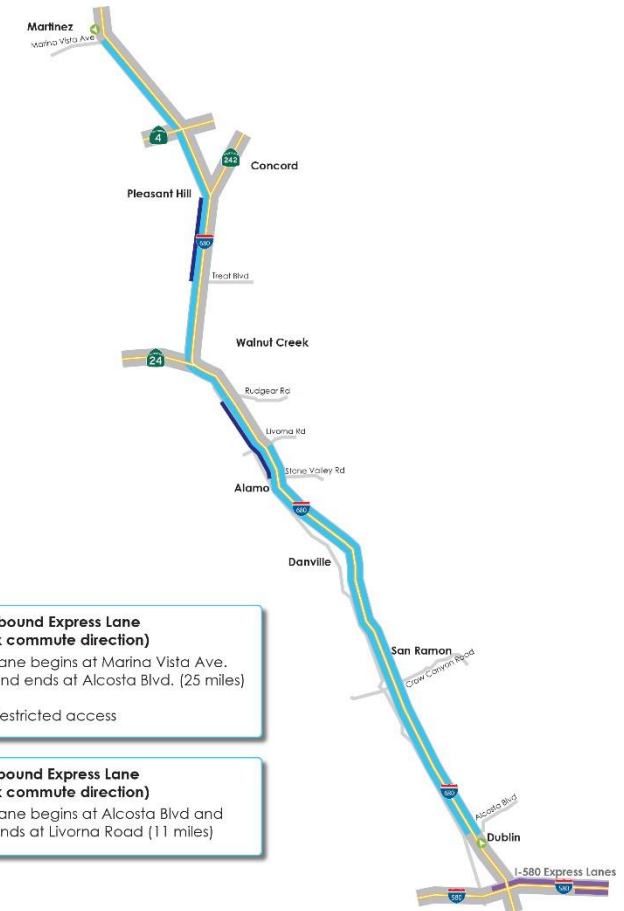
I-680 Contra Costa Express Lanes



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.



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

I-680 Contra Costa Express Lanes – Q3 2023 Performance 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 Q3 2023. The Average Daily Trip count (ADT) increased 2% from the prior quarter (Q2 2023), which led to a 2% increase in total trips. Compared to a year ago (Q3 2022), ADT increased 8% and total trips by 6%.
- The share of toll-free HOV 2+ trips was 41%, same as Q2 2023 and 2% more than 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.
- 12% of express lane trips were violations – unpaid trips made without a FasTrak account – 1% more than in Q2 2023 and 1% less than in Q3 2022.
- Compared to Q2 2023, Q3 2023 toll revenue increased 0.4%. Tolloed trips increased 1% and the average toll paid remained unchanged. Compared to Q3 2022, Q3 2023 toll revenue increased 20% as tolloed trips increased 3% and the average toll paid increased 16%.

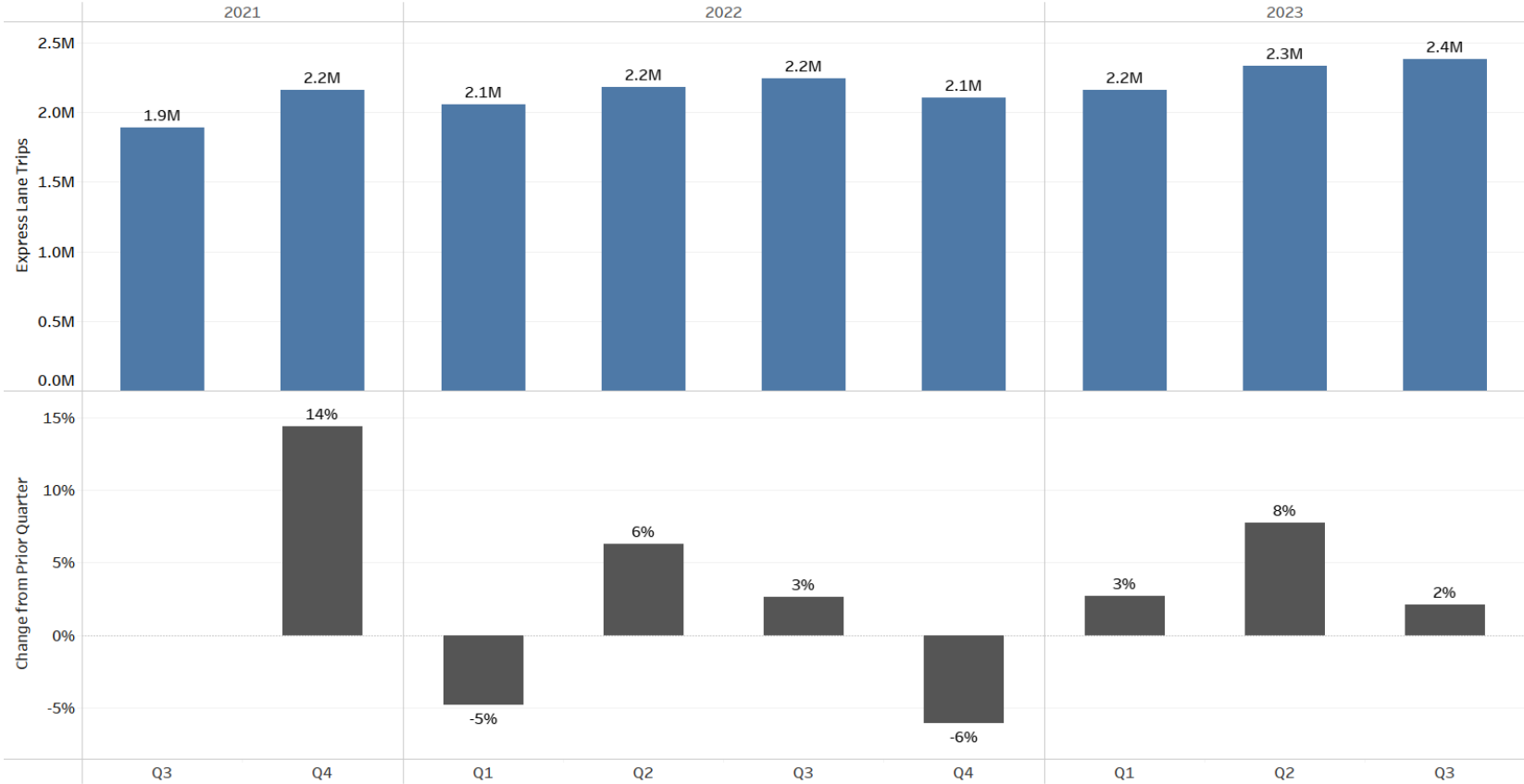
I-680 Contra Costa Express Lanes – Q3 2023

Performance Highlights

- 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 \$7.40).
- 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 \$6.60.
- CHP made 1,639 enforcement contacts, of which 34% resulted in citations related to carpool occupancy. Enforcement contacts were up 59% and occupancy citations were up 123% compared to Q3 2022.

Express Lane Trips

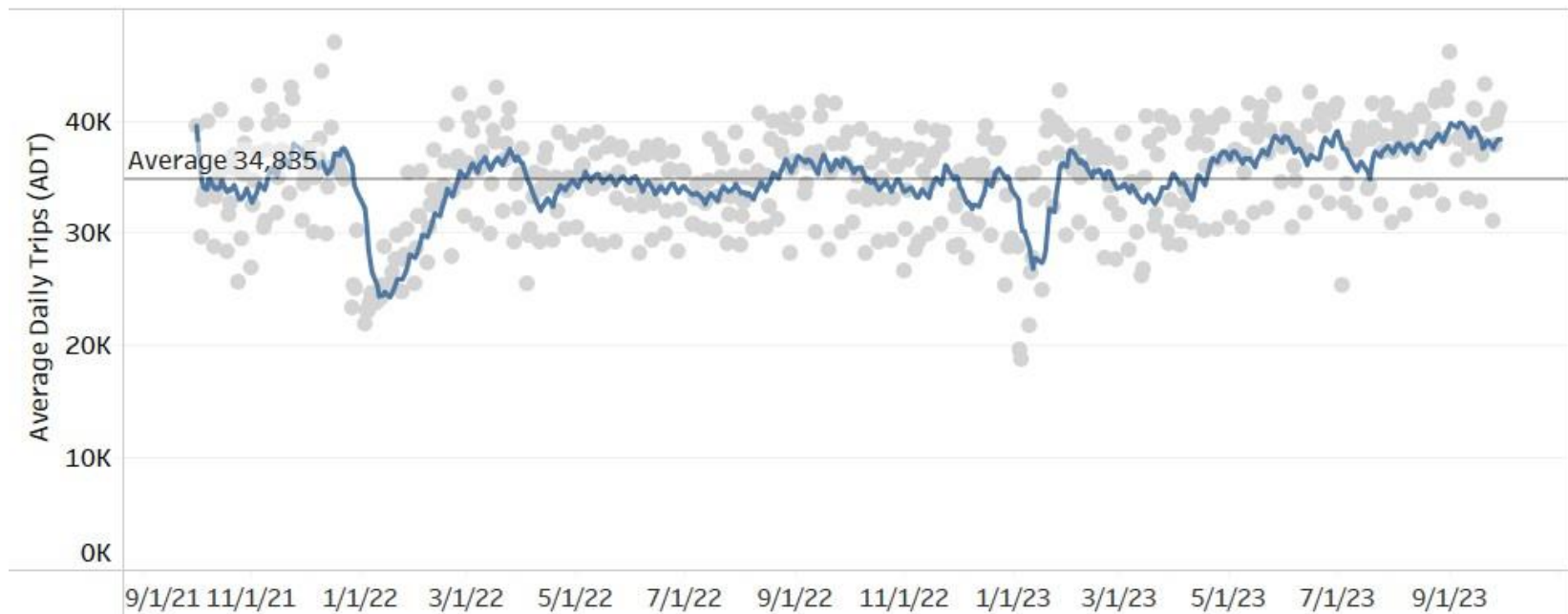
2.4 million express lane trips were made in Q3 2023. Trips were up 2% from the prior quarter (Q2 2023) and up 6% from Q3 2022.



Average Daily Express Lane Trips

Q3 2023 ADT (Average Daily Trip count) was about 37,800, a 2% increase from the prior quarter and an 8% increase from a year ago (Q3 2022). Over the last two years daily trips averaged ~34,800.

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



Trip Type

Share of Trips:

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

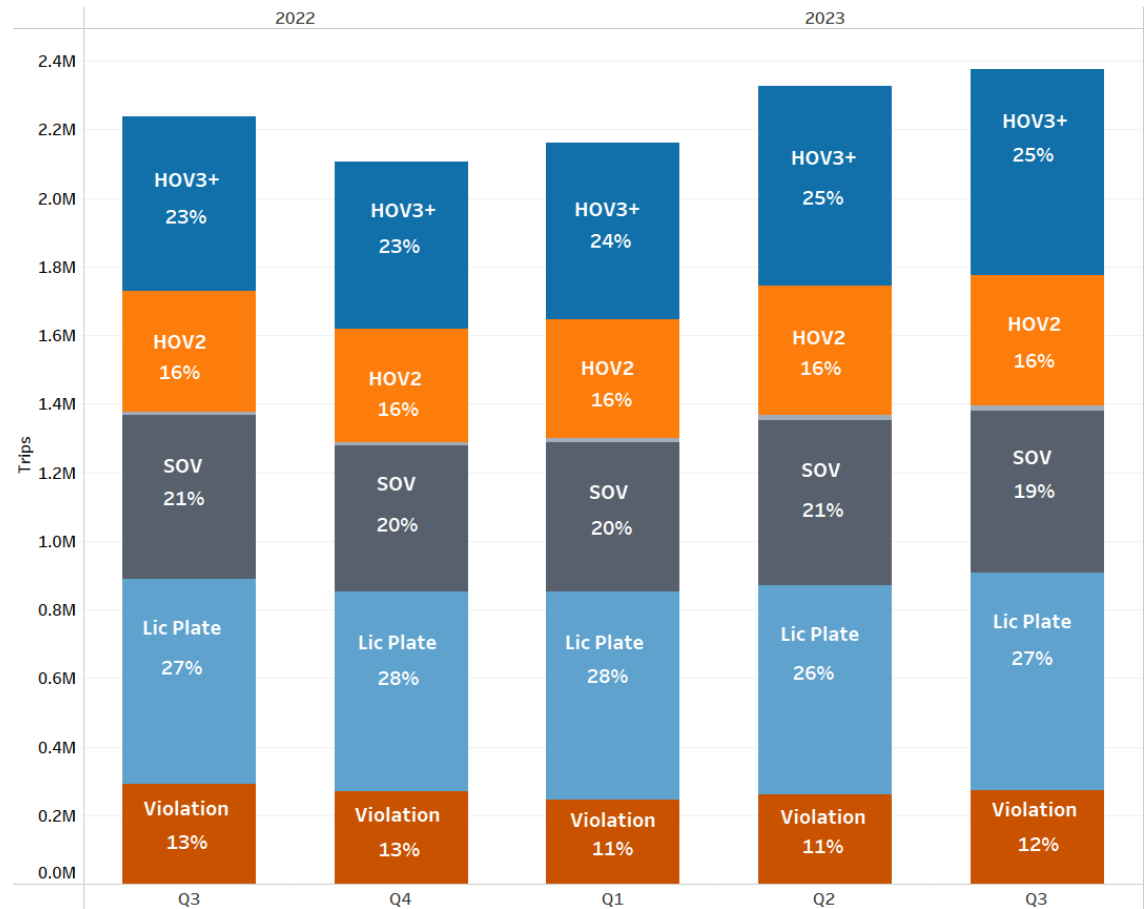
- Same as Q2 2023 and 2% more than Q3 2022

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

- 46% full toll (SOV toll tag + license plate match) + 1% half toll (Clean Air Vehicles)
- Down 1% from Q2 2023
- Down 2% from Q3 2022

Violation trips = 12%

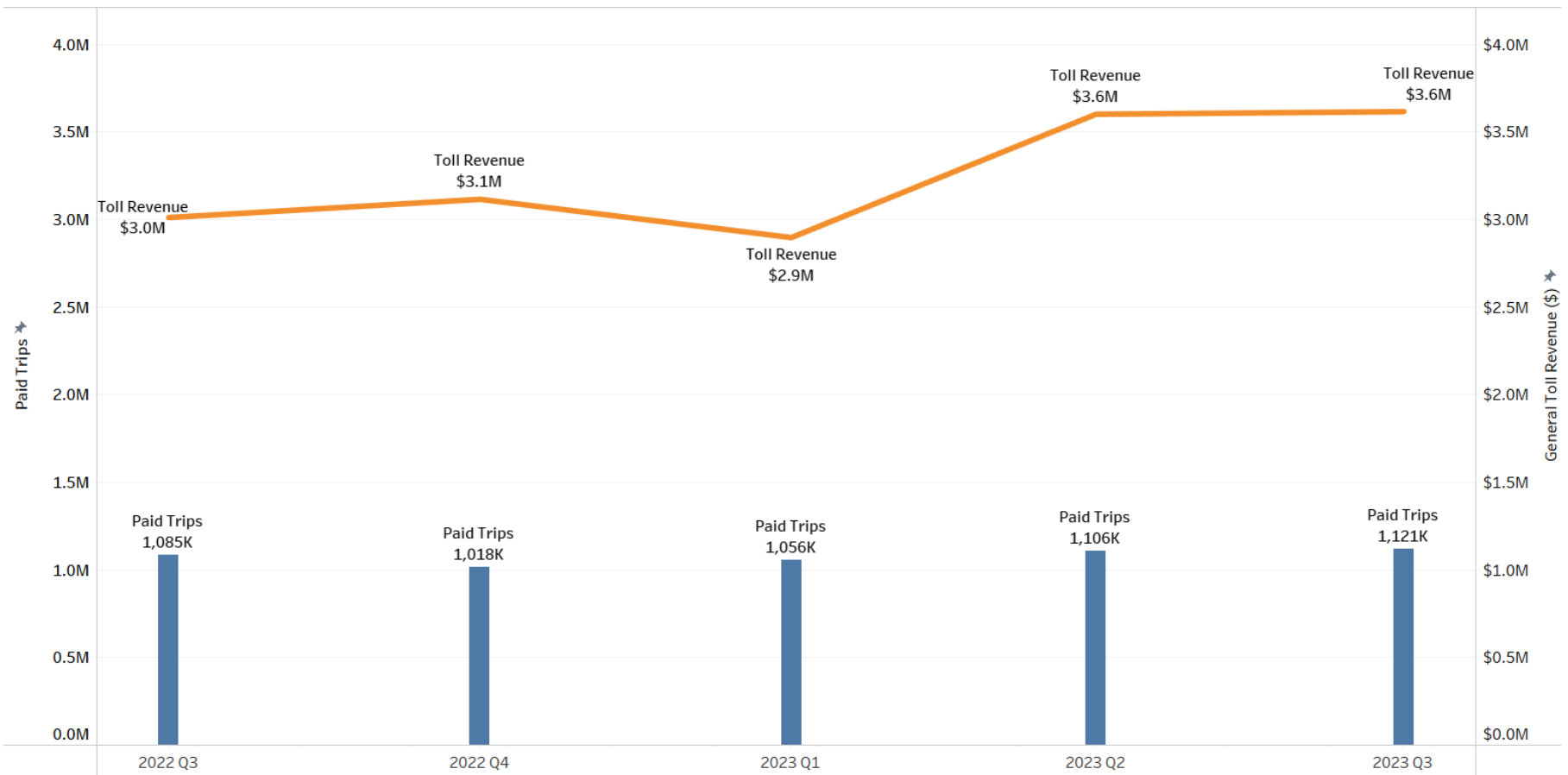
- No toll account
- Up 1% from Q2 2023
- Down 1% from Q3 2022



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

General Toll Revenue and Tolled Trips

Q3 2023 Change	Toll Revenue	Tolled Trips	Average Toll Paid
from Prior Quarter (Q2 2023)	Up 0.4%	Up 1%	Unchanged
Year over Year (Q3 2022)	Up 20%	Up 3%	Up 16%



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	58 mph
Speed Differential	9 mph
Express Lane Volume	877 vehicles
GP Lane Volume	1,280 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

Southbound: Peak Traffic and Corridor-Length Speed

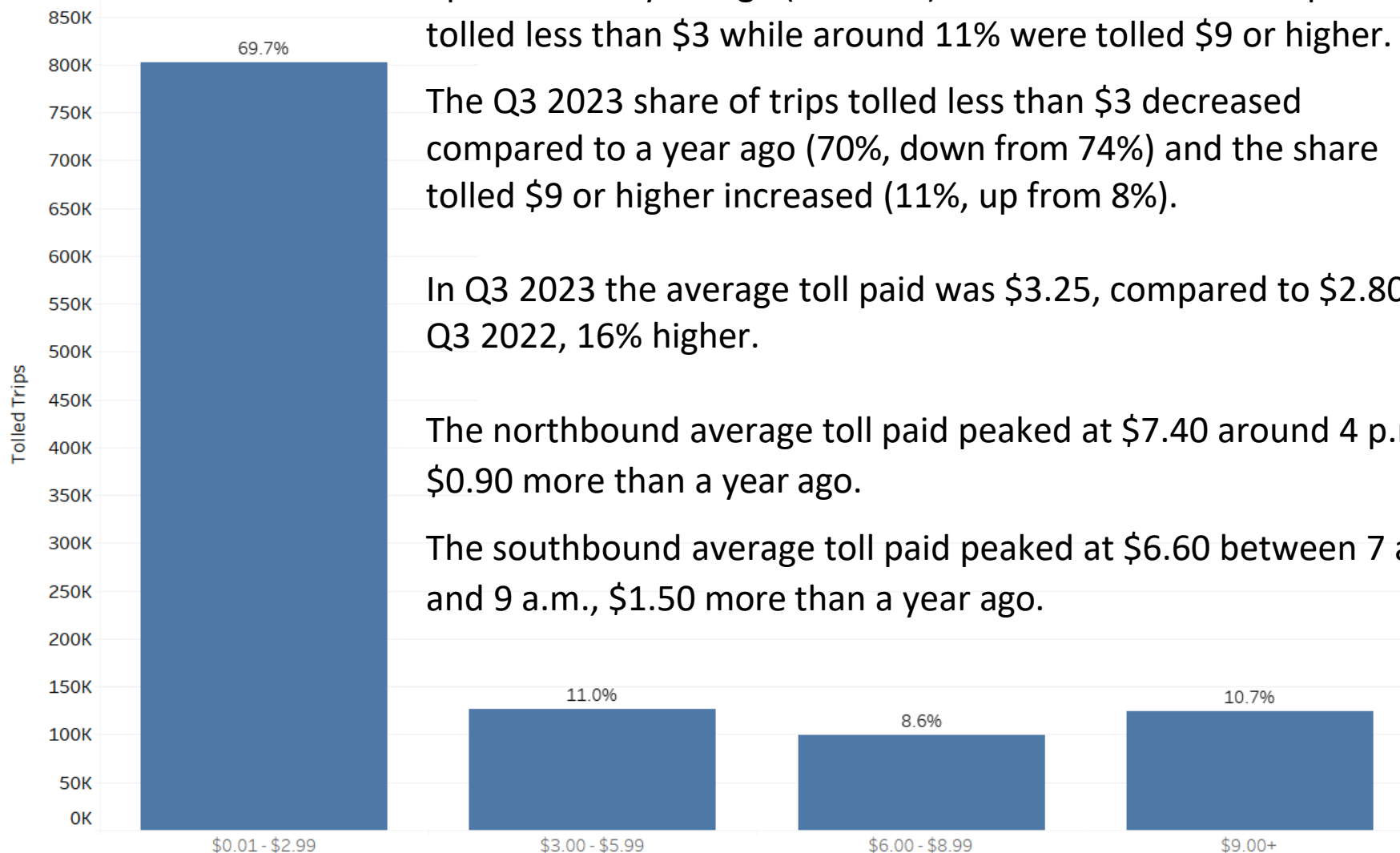
Peak Traffic

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	492 vehicles
GP Lane Volume	1,210 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

Tolls



Drivers made 1,121,047 tolled express lane trips in the quarter, up 3% from a year ago (Q3 2022). About 70% of these trips were tolled less than \$3 while around 11% were tolled \$9 or higher.

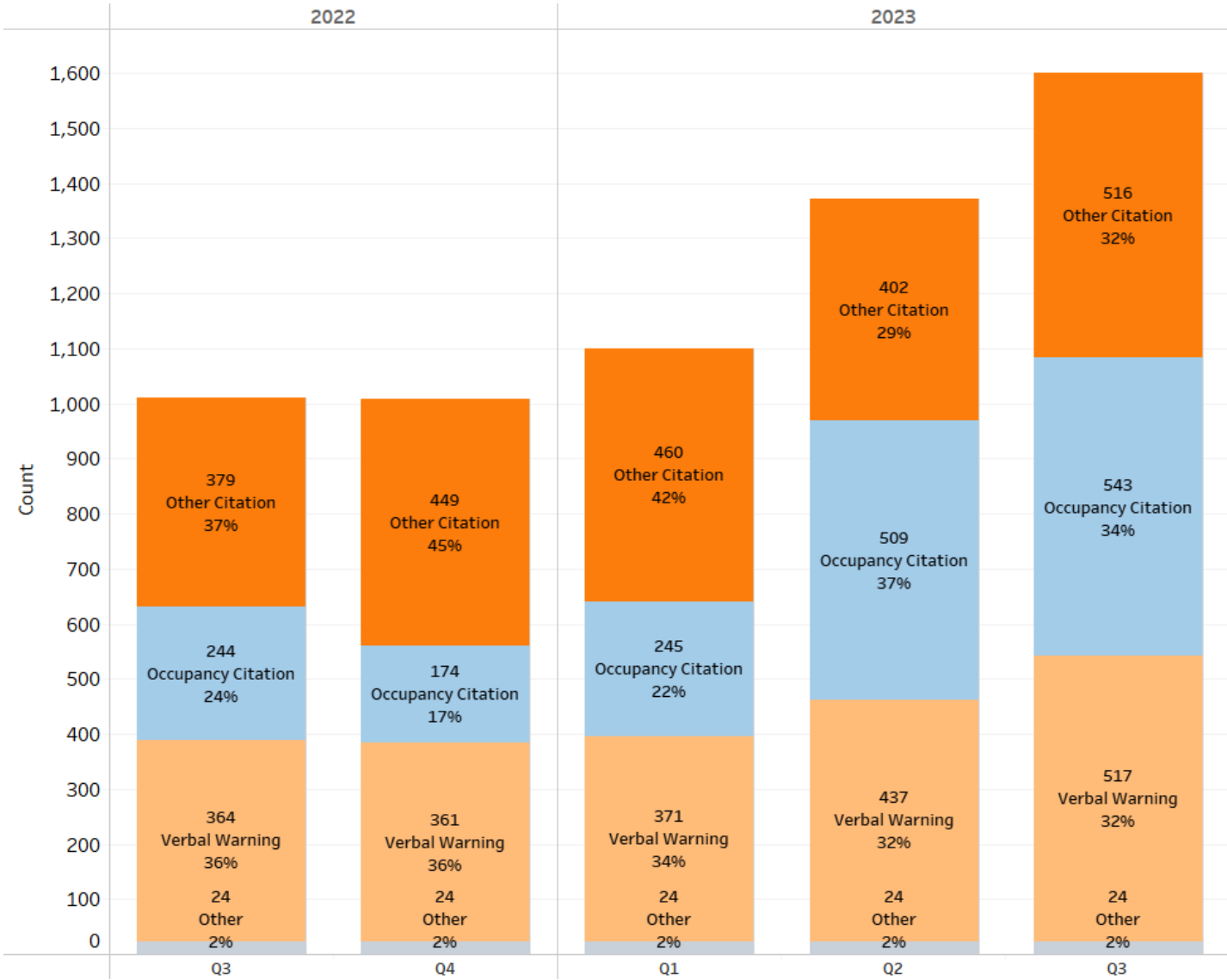
The Q3 2023 share of trips tolled less than \$3 decreased compared to a year ago (70%, down from 74%) and the share tolled \$9 or higher increased (11%, up from 8%).

In Q3 2023 the average toll paid was \$3.25, compared to \$2.80 in Q3 2022, 16% higher.

The northbound average toll paid peaked at \$7.40 around 4 p.m., \$0.90 more than a year ago.

The southbound average toll paid peaked at \$6.60 between 7 a.m. and 9 a.m., \$1.50 more than a year ago.

CHP Enforcement



CHP provided 1,182 enforcement hours in the quarter, filling 94% of requested hours. CHP made 1,639 enforcement contacts, 34% of which were related to carpool occupancy violations. The average cost to BAIFA per enforcement contact was \$99.

I-880 Express Lanes



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 2023 Performance Highlights

- 4.3 million express lane trips were made in Q3 2023. The Average Daily Trip count (ADT) increased 3% from the prior quarter (Q2 2023) which led to a 3% increase in total trips. Compared to a year ago (Q3 2022), ADT increased 6% and total trips by 5%.
- The share of toll-free HOV 3+ trips was 40%, the same as Q2 2023 and up 2% from Q3 2022. The share of half-price HOV 2 trips was 7%, the same as last quarter (Q2 2023) and last year (Q3 2022).
- 13% of express lane trips were violations - trips made without a FasTrak account. The share is 1 percentage-point higher than the prior quarter and 2 percentage-points lower than a year ago.
- Compared to Q2 2023, Q3 2023 revenue was up 6% from the last quarter. Tolloed trips were up 1% and average toll paid was up 5%. Compared to Q3 2022, Q3 2023 revenue was up 18% from a year ago (Q3 2022). Tolloed trips were up 2% and the average toll assessed increased 16%.

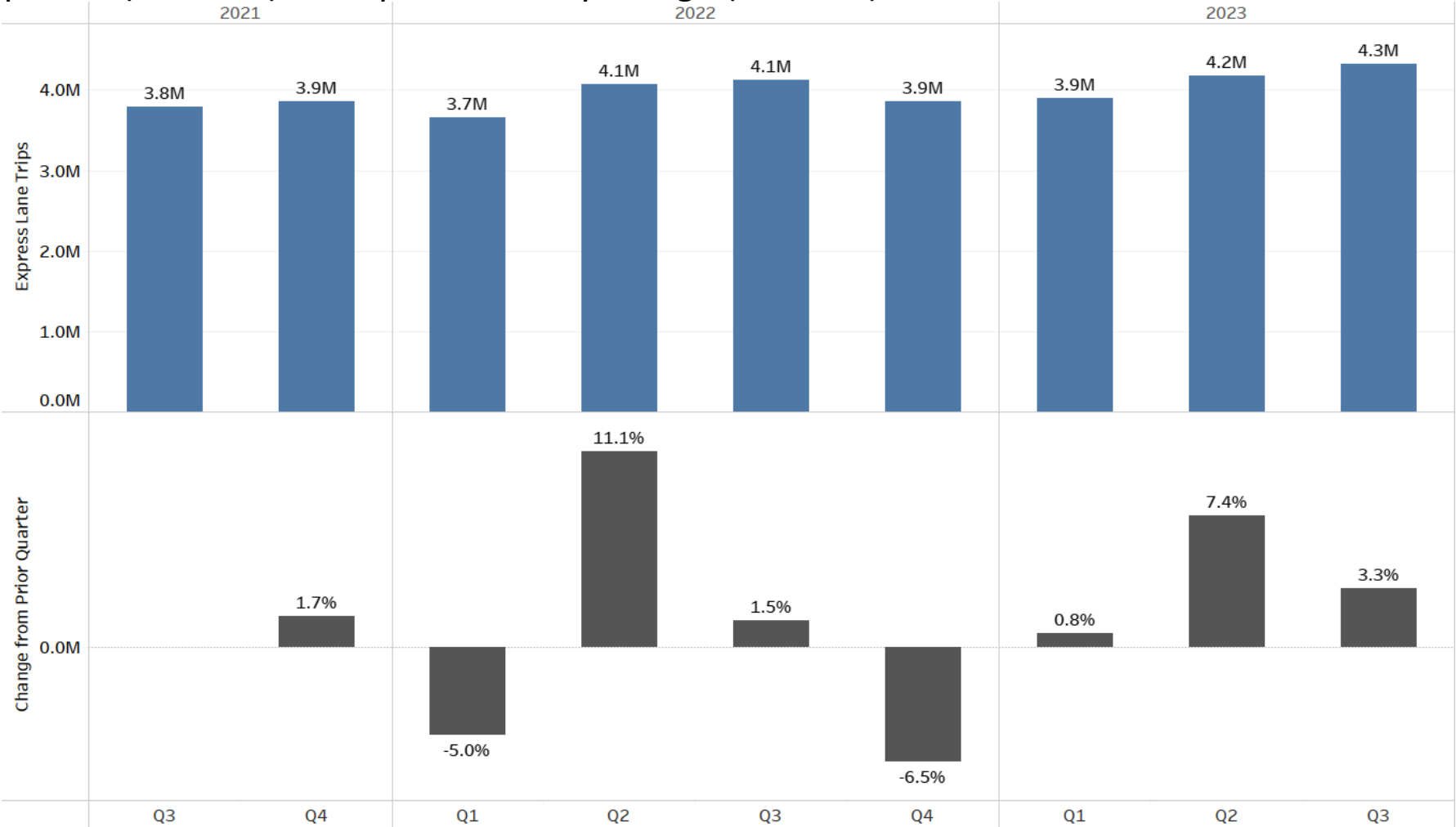
The goal of express lanes is to maximize lane use while keeping traffic moving to encourage carpooling and transit ridership.

I-880 Express Lanes – Q3 2023 Performance Highlights

- Corridor-length northbound travel was slowest between 5 p.m. and 6 p.m. when express lane speed averaged 52 mph (18 mph faster than the general purpose lanes). The northbound average toll paid peaked at \$13.50 between 4 p.m. and 5 p.m.
- Corridor-length southbound travel was slowest between 8 a.m. and 9 a.m. when express lane speed averaged 57 mph (15 mph faster than the general purpose lanes) and the toll paid peaked at \$11.20 around 7 a.m.
- CHP spent 2,520 hours patrolling the I-880 express lanes, resulting in 3,172 enforcement contacts. Of those, 17% resulted in citations for crossing double white lines and 35% in citations related to carpool occupancy.

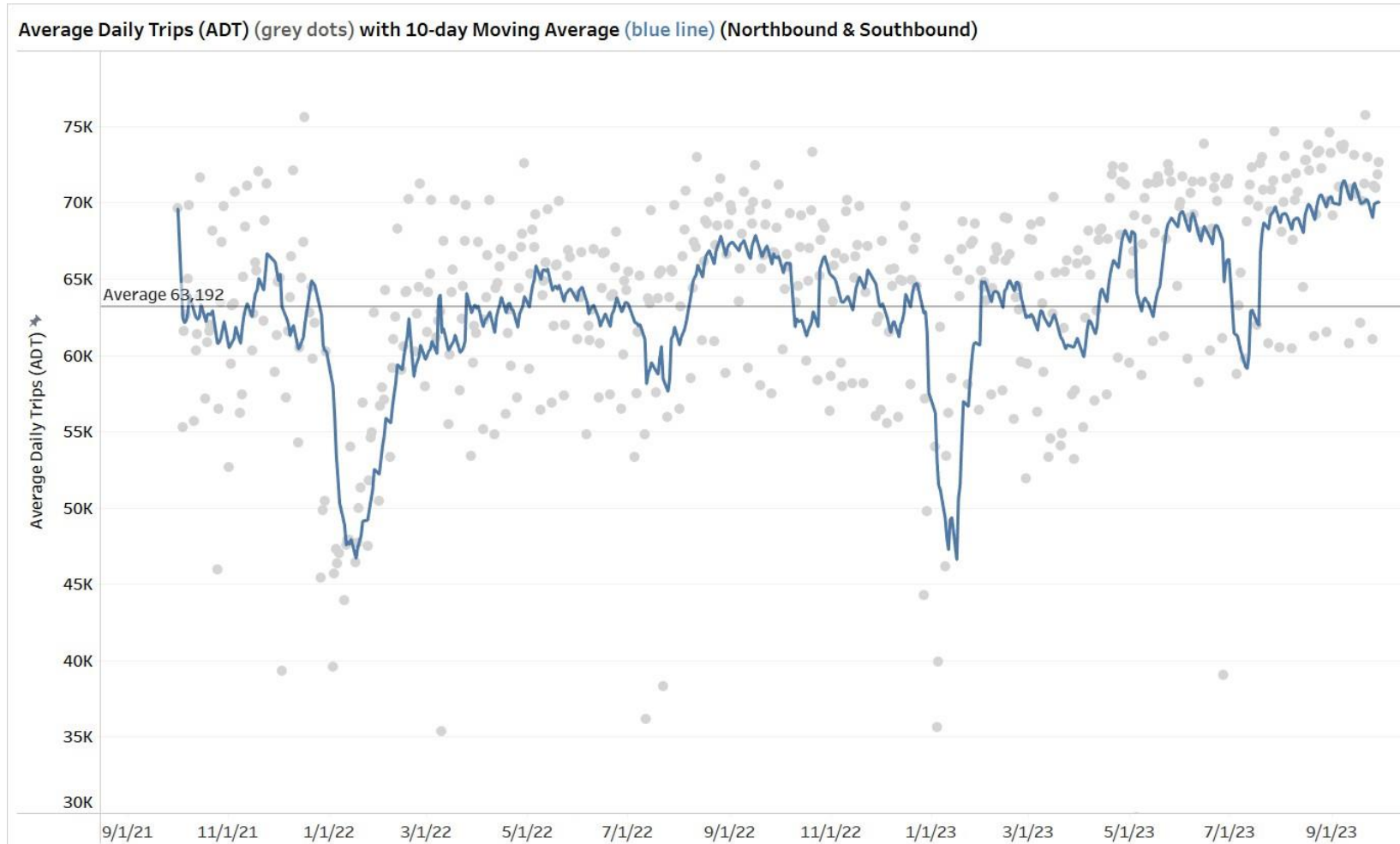
Express Lane Trips

4.3 million express lane trips were made in Q3 2023. Trips were up 3% from the prior quarter (Q2 2023) and up 5% from a year ago (Q3 2022).



Average Daily Express Lane Trips

Q3 2023 ADT (Average Daily Trip) count was around 68,600 a 6% increase from a year ago (Q3 2022). Over the last two years daily trips averaged ~63,200.



Trip Type

Share of Trips:

Toll-free trips (HOV 3+) = 40%

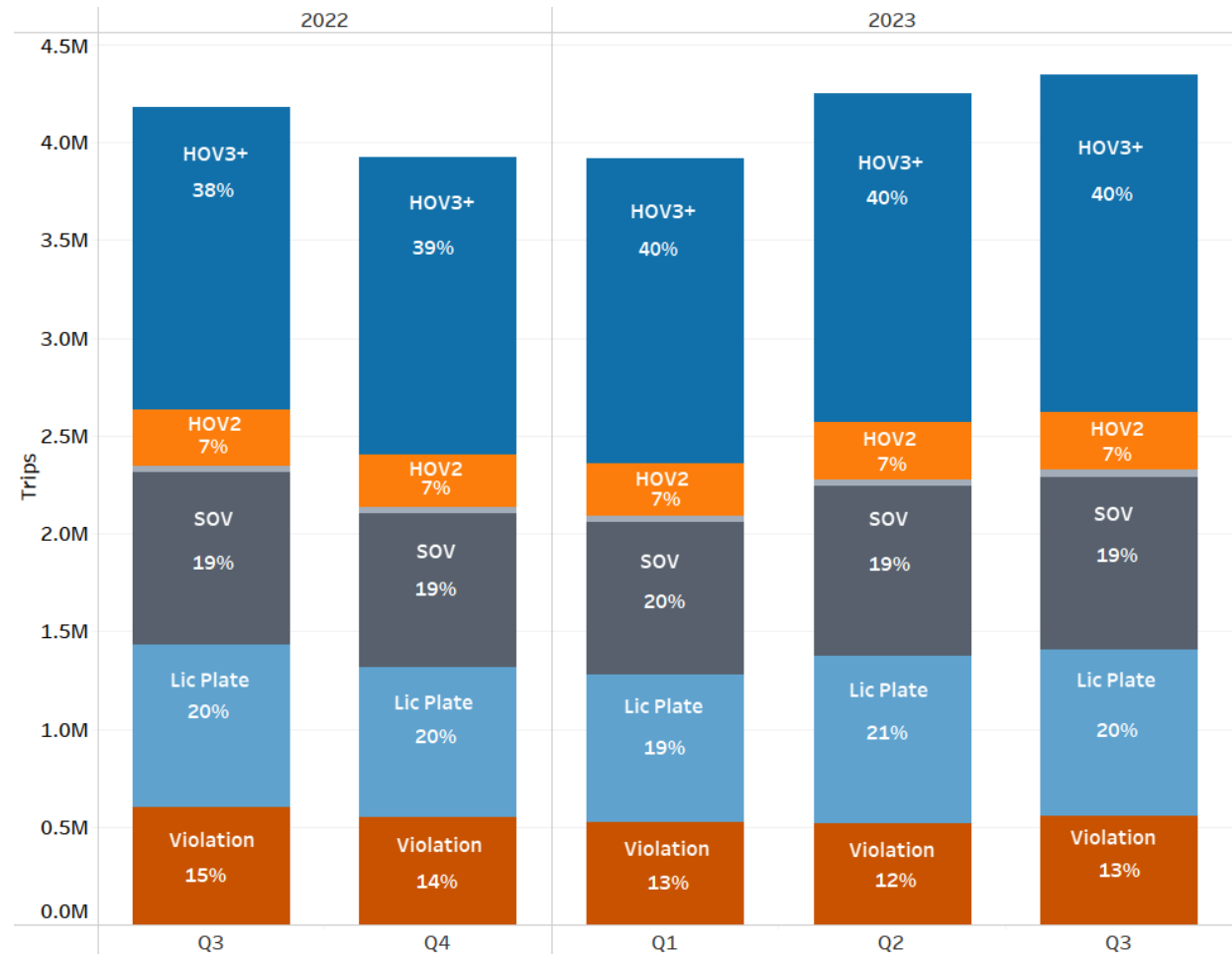
- Share same as Q2 2023 and up 2% from Q3 2022

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

- 39% full toll (SOV toll tag + license plate match)
- Full toll share same as a year ago and down 1% from last quarter
- 8% half toll (HOV 2 + CAV (Clean Air Vehicle))
- Half toll share same as a year ago and last quarter

Violation trips = 13%

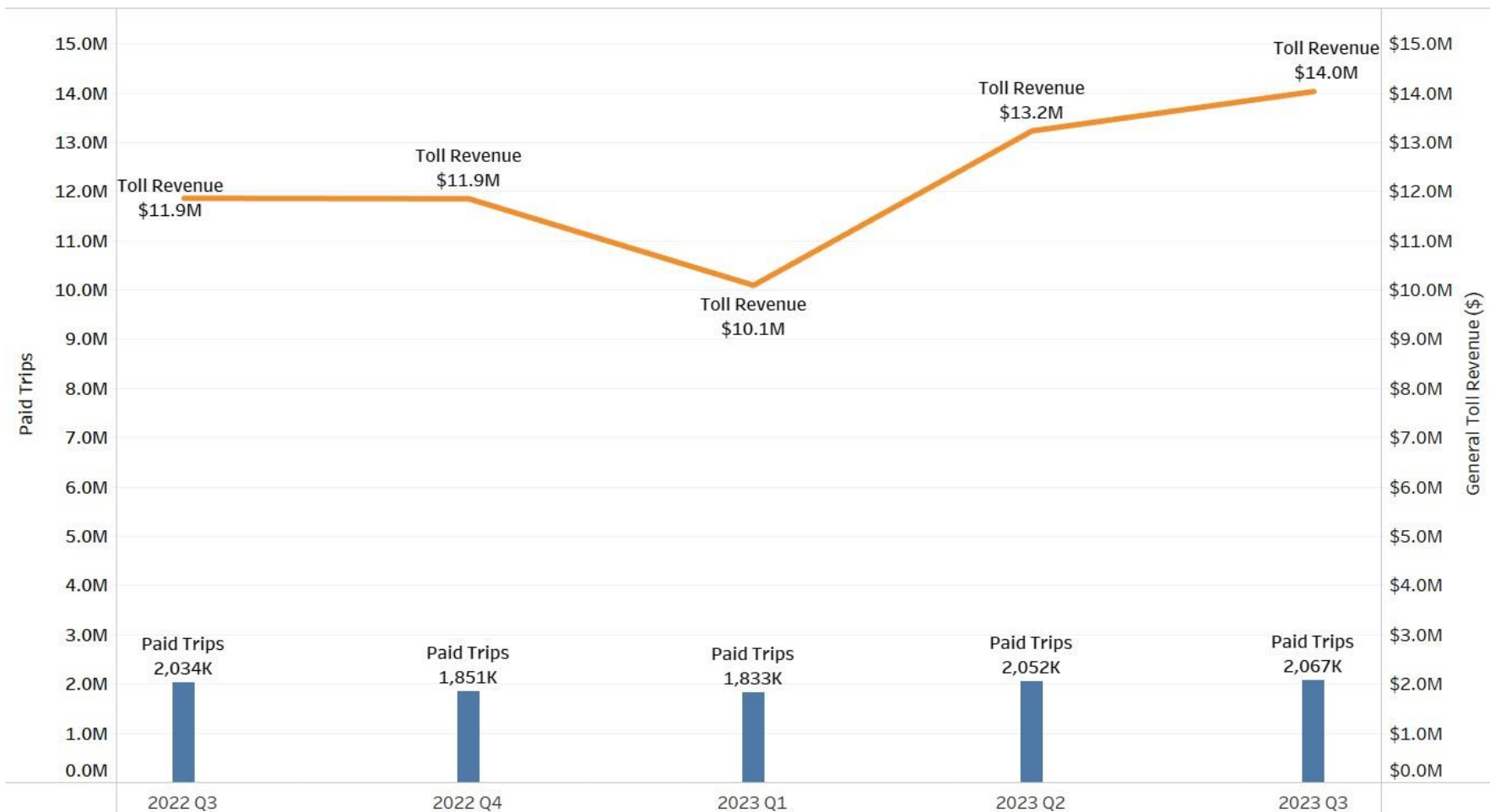
- No toll account
- Share down 2% from a year ago and up 1% from last quarter



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

General Toll Revenue and Tolled Trips

Q3 2023 Change	Toll Revenue	Tolled Trips	Average Toll Paid
from Prior Quarter (Q2 2023)	Up 6%	Up 1%	Up 5%
Year over Year (Q3 2022)	Up 18%	Up 2%	Up 16%



Northbound: Peak Traffic and Corridor-Length Speed

Peak Traffic

Time	3 p.m. - 6 p.m.
Location	Around Tennyson Rd.
Express Lane Speed	53 mph
GP Lane Speed	35 mph
Speed Differential	18 mph
Express Lane Volume	1,189 vehicles
GP Lane Volume	1,228 vehicles

Corridor Length Slowest Travel

Time	5 p.m. - 6 p.m.
Express Lane Speed	52 mph
GP Lane Speed	34 mph
Speed Differential	18 mph

Southbound: Peak Traffic and Corridor-Length Speed

Peak Traffic

Time	7 a.m. – 9 a.m.
Location	Approaching Alvarado-Niles Rd.
Express Lane Speed	58 mph
GP Lane Speed	44 mph
Speed Differential	14 mph
Express Lane Volume	1,056 vehicles
GP Lane Volume	1,211 vehicles

Corridor Length Slowest Travel

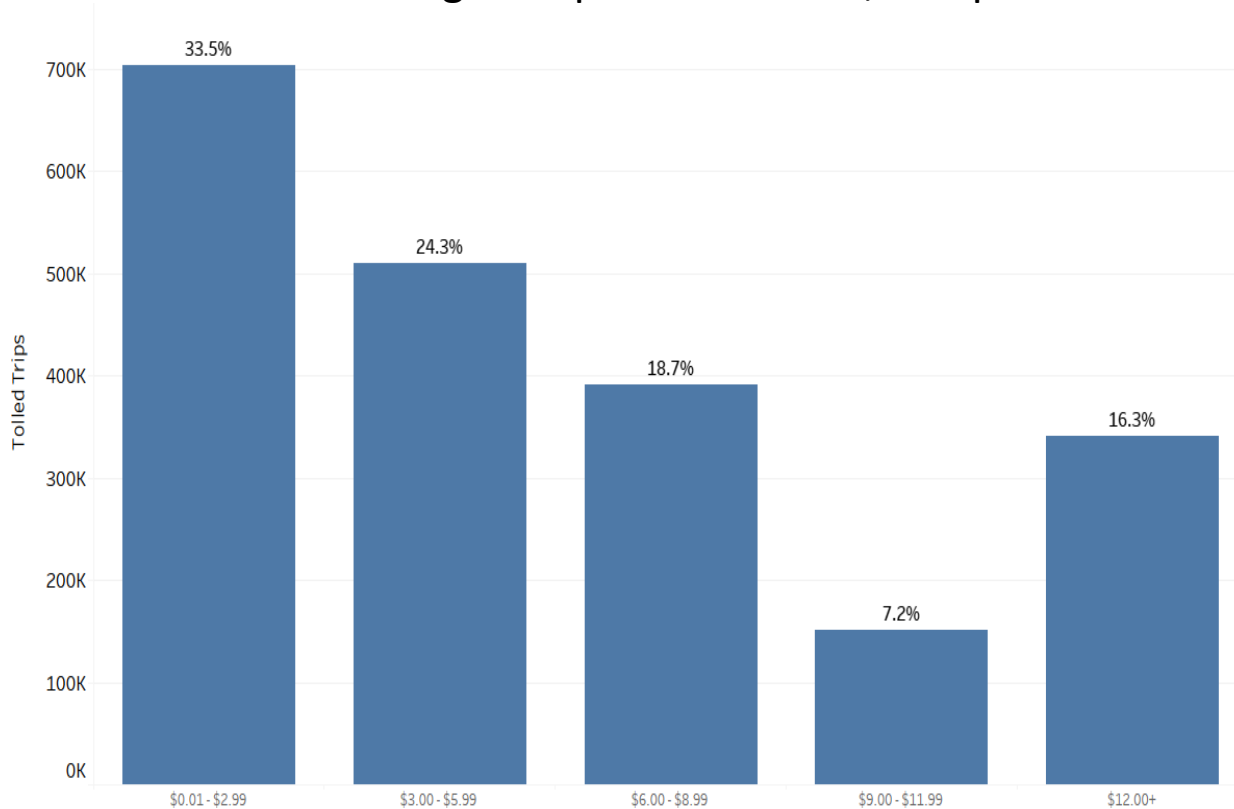
Time	8 a.m. – 9 a.m.
Express Lane Speed	57 mph
GP Lane Speed	42 mph
Speed Differential	15 mph

Tolls

Drivers made 2,076,341 paid express lane trips in the quarter, up 2% from a year ago (Q3 2022). About 34% of these trips were for tolls less than \$3 and 16% were for tolls \$12 or higher.

The share of trips tolled less than \$3 decreased from a year ago (33.5%, down from 39.5%) and the share of tolled trips \$12 or higher increased (16.3%, up from 15.1%).

In Q3 2023 the average toll paid was \$6.80, compared to \$5.80 in Q3 2022, 16% higher.



The northbound average toll paid peaked at \$13.50 around 4 p.m., \$2.00 more than a year ago. The southbound average toll paid peaked at \$11.20 around 7 a.m., \$1.20 more than a year ago.

CHP Enforcement



CHP spent over 2,500 hours patrolling the I-880 express lanes, filling all the hours requested by BAIFA.

CHP made 3,172 enforcement contacts in Q3 2023 for an average cost to BAIFA of \$112. Of the contacts, 35% were for citations related to HOV occupancy.

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

Quarterly Express Lane Trips and Percentage Change

Quarter	Year	Express Lane Trips	% Change
Q3	2021	1,888,686	17%
Q4	2021	2,159,690	14%
Q1	2022	2,055,790	-5%
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%

Express Lane Trips - Payment Type Share

	2022	2022	2023	2023	2023
	Q3	Q4	Q1	Q2	Q3
Blank	23%	23%	24%	25%	25%
HOV3+	16%	16%	16%	16%	16%
HOV2	0%	0%	1%	1%	1%
CAV	21%	20%	20%	21%	19%
SOV-Tag	27%	28%	28%	26%	27%
LP Read	13%	13%	11%	11%	12%
Violations					

Select Chart Data – I-680 Express Lanes, continued

Toll Revenue and Tolled Trips

Year & Quarter	Revenue	Tolled Trips
2022 Q3	\$3,012,291	1,085,014
2022 Q4	\$3,116,641	1,017,704
2023 Q1	\$2,898,120	1,055,664
2023 Q2	\$3,602,136	1,106,169
2023 Q3	\$3,617,308	1,121,047

Toll Distribution

Toll	\$0.01 - \$2.99	\$3.00 - \$5.99	\$6.00 - \$8.99	\$9.00 - \$11.99	\$12.00+
% Tolled Trips	74.2%	10.5%	7.1%	7.0%	1.2%

Select Chart Data – I-680 Express Lanes, continued

CHP Enforcement

Year	Quarter	Enforcement Type	Quarterly Share	Count
2022	Q3	Other Citation	37%	379
2022	Q3	Occupancy Citation	24%	244
2022	Q3	Verbal Warning	36%	364
2022	Q3	Other	2%	24
2022	Q4	Other Citation	45%	449
2022	Q4	Occupancy Citation	17%	174
2022	Q4	Verbal Warning	36%	361
2022	Q4	Other	2%	24
2023	Q1	Other Citation	42%	460
2023	Q1	Occupancy Citation	22%	245
2023	Q1	Verbal Warning	34%	371
2023	Q1	Other	2%	24
2023	Q2	Other Citation	29%	402
2023	Q2	Occupancy Citation	37%	509
2023	Q2	Verbal Warning	32%	437

Select Chart Data – I-680 Express Lanes, continued

CHP Enforcement, continued

2023	Q2	Other	2%	24
2023	Q3	Other Citation	32%	516
2023	Q3	Occupancy Citation	34%	543
2023	Q3	Verbal Warning	32%	517
2023	Q3	Other	2%	24

Select Chart Data – I-880 Express Lanes

Quarterly Express Lane Trips and Percentage Change

Quarter	Year	Express Lane Trips	% Change
Q3	2021	3,788,542	15%
Q4	2021	3,854,570	2%
Q1	2022	3,662,880	-5%
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%

Express Lane Trips - Payment Type Share

	2022	2022	2023	2023	2023
	Q3	Q4	Q1	Q2	Q3
Blank					
HOV3+	38%	39%	40%	40%	40%
HOV2	7%	7%	7%	7%	7%
CAV	1%	1%	1%	1%	1%
SOV-Tag	19%	19%	20%	19%	19%
LP Read	20%	20%	19%	21%	20%
Violations	15%	14%	13%	12%	13%

Select Chart Data – I-880 Express Lanes, continued

Toll Revenue and Tolled Trips

Year & Quarter	Revenue	Tolled Trips
2022 Q3	\$11,863,764	2,034,482
2022 Q4	\$11,853,849	1,851,015
2023 Q1	\$10,096,118	1,832,961
2023 Q2	\$13,231,062	2,052,109
2023 Q3	\$14,030,802	2,067,341

Toll Distribution

Toll	\$0.01 - \$2.99	\$3.00 - \$5.99	\$6.00 - \$8.99	\$9.00 - \$11.99	\$12.00+
% Tolled Trips	33.5%	24.3%	18.7%	7.2%	16.3%

Select Chart Data – I-880 Express Lanes, continued

CHP Enforcement

Year	Quarter	Enforcement Type	Quarterly Share	Count
2022	Q3	Double Lines Citation	27%	831
2022	Q3	Occupancy Citation	30%	920
2022	Q3	Other	1%	20
2022	Q3	Other Citation	26%	791
2022	Q3	Verbal Warning	16%	475
2022	Q4	Double Lines Citation	26%	899
2022	Q4	Occupancy Citation	26%	902
2022	Q4	Other	1%	20
2022	Q4	Other Citation	30%	1,052
2022	Q4	Verbal Warning	17%	602
2023	Q1	Double Lines Citation	27%	1,009
2023	Q1	Occupancy Citation	31%	1,190
2023	Q1	Other	1%	25
2023	Q1	Other Citation	25%	960
2023	Q1	Verbal Warning	16%	597

Select Chart Data – I-880 Express Lanes, continued

CHP Enforcement, continued

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

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

